

***Standard Form of Agreement Between Owner and Contractor
where the basis of payment is a STIPULATED SUM***

AGREEMENT made as of the 14th day of September in the year Two Thousand and Twenty-One.

BETWEEN the Owner:
(Name, address and other information)

SANTA ROSA COUNTY
6495 Caroline Street, Suite M
Milton, Florida 32570

and the Contractor:
(Name, address and other information)

**SUPERIOR CONSTRUCTION COMPANY
SOUTHEAST, LLC**
7072 Business Park Blvd N
Jacksonville, FL 32256

The Project is:

TOM KING BAYOU PEDISTRIAN BRIDGE
Santa Rosa County, Florida

The Engineer is:
(Name, address and other information)

Rebecca Jones, P.E.
County Engineer

The Owner and Contractor agree as follows.

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than Modifications, appears in Article 8.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work for the following Project listed below and more fully described in the Project Manual which is included in this Contract Document.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

3.1 The date of commencement of the Work shall be the date to be fixed in a notice to proceed issued by the Owner. If, prior to the commencement of the Work, the Owner requires time to file mortgages, mechanic's liens and other security interests, the Owner's time requirement shall be as follows:

3.2 The Contract Time shall be measured from the date of commencement.

3.3 The Contractor shall achieve Substantial Completion of the entire Work for the project not later than 180 calendar days from the date of commencement of the project and Final Completion of the project not later than 180 days from the date of commencement of the project, subject to adjustments of this Contract Time as provided in the Contract Documents. Liquidated damages shall be assessed against the final payment in the amount of \$1,690.00 for each consecutive calendar day the Contractor is late in achieving Substantial Completion and \$1,690.00 for each consecutive calendar day the Contractor is late in achieving Final Completion.

ARTICLE 4 CONTRACT SUM

4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be One Million Four Hundred Seventy-One Thousand Nine Hundred Four Dollars and Fifty-Nine Cents (\$1,471,904.59), subject to additions and deductions as provided in the Contract Documents.

4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner: Base Bid and Add Alternate Option 3

4.3 Unit prices, if any, are as follows:
As stated in Contractor's Proposals dated August 25, 2021, attached as Exhibit A.

ARTICLE 5 PAYMENTS

5.1 PROGRESS PAYMENTS

5.1.1 Based upon Applications for Payment submitted to the Engineer by the Contractor and Recommendations for Payment from the Engineer, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

Tom King Bayou Pedestrian Bridge LAP Project

5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month.

5.1.3 Provided that an Application for Payment is received by the Engineer not later than the 10th day of a month, the Owner shall make payment to the Contractor not later than the 30th day of the month. If an application for Payment is received by the Engineer after the application date fixed above, payment shall be made by the Owner not later than 30 days after the Engineer receives the Application for Payment.

5.1.4 Each Application for Payment shall be furnished in triplicate and shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Engineer may require. This schedule, unless objected to by the Engineer, shall be used as a basis for reviewing the Contractor's Applications for Payment.

5.1.5 Applications for Payment shall indicate the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

5.1.6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

- .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of ten percent (10%). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in the General Conditions;
- .2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of ten percent (5 %);
- .3 Subtract the aggregate of previous payments made by the Owner; and
- .4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in the General Conditions.

5.1.7 The progress payment amount determined in accordance with Subparagraph 5.1.6 shall be further modified under the following circumstances:

- .1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Engineer shall determine for incomplete Work, retainage applicable to such work and unsettled claims.
- .2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with the General Conditions.

5.1.8 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

5.2 FINAL PAYMENT

5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when:

- .1 the Contractor has fully performed the Contract.
- .2 a final Recommendation for Payment has been issued by the Engineer.

5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Engineer's final Recommendation for Payment, or as follows:

ARTICLE 6 TERMINATION FOR DEFAULT

6.1.1 Contractor shall be considered in material default of the agreement and such default shall be considered cause for Owner to terminate the agreement, in whole or in part, as further set forth in this section, if Contractor: (1) fails to begin the work under the Contract Documents within the time specified herein; or (2) fails to properly and timely perform the work as directed by the Owner or as provided for in the approved progress schedule; or (3) performs the work unsuitably or neglects or refuses to remove materials or to correct or replace such work as may be rejected as unacceptable or unsuitable; or (4) discontinues the prosecution of the work; or (5) fails to resume work which has been suspended within a reasonable time after being notified to do so; or (6) becomes insolvent or is declared bankrupt, or commits any act of bankruptcy; or (7) allows any final judgment to stand against it unsatisfied for more than ten (10) days; or (8) makes an assignment for the benefit of creditors; or (9) fails to obey any applicable codes, laws, ordinances, rules or regulations with respect to the work; or (10) materially breaches any other provision of the contract Documents.

6.1.2 Owner shall notify Contractor in writing of Contractor's default(s). If Owner determines that Contractor has not remedied and cured the default(s) within seven (7) calendar days following receipt by Contractor of said written notice, then Owner, at its option, without releasing or waiving its rights and remedies against the Contractor's sureties and without prejudice to any other right or remedy it may be entitled to hereunder or by law, may terminate Contractor's right to proceed under the agreement, in whole or in part, and take possession of all or any portion of the work and any materials, tools, equipment, and appliances of Contractor, take assignments of any of Contractor's subcontracts and purchase orders, and complete all or any portion of Contractor's work by whatever means, method or agency which Owner, at its sole discretion, may choose.

6.1.3 If Owner deems any of the foregoing remedies necessary, Contractor agrees that it shall not be entitled to receive any further payments, hereunder until after the project is completed. All monies expended and all of the costs, losses, damages, and extra expenses (including attorneys' fees) or if such expenditures exceed the unpaid balance of the contract amount, Contractor agrees to pay promptly to Owner on demand the full amount of such excess, including costs of collection, attorneys' fees (including appeals) and interest thereon at the maximum legal rate of interest until paid. If the unpaid balance of the contract amount exceeds all such costs, expenditures and damages incurred by the Owner to complete the work, such excess shall be paid to the contractor. The amount to be paid to the Contractor or Owner, as the case may be, and this obligation for payment shall survive termination of the agreement.

6.1.4 The liability of Contractor hereunder shall extend to and include the full amount of any and all sums paid, expenses, and losses incurred, damages sustained, and obligations assumed by Owner in good faith under the belief that such payments or assumptions were

Tom King Bayou Pedestrian Bridge LAP Project

necessary or required, in completing the work and providing labor, materials, equipment, supplies, and other items therefore or re-letting the work, in settlement, discharge, or compromise of any claims, demands, suits, and judgments pertaining to or arising out of the work hereunder.

6.1.5 If, after notice of termination of Contractor's right to proceed pursuant to this section, it is determined for any reason that Contractor was not in default, or that its default was excusable, or that Owner is not entitled to the remedies against Contractor provided herein, then Contractor's remedies against Owner shall be the same as and limited to those afforded Contractor below under subsection 6.2.1 termination for convenience.

6.2 TERMINATION FOR CONVENIENCE AND RIGHT OF SUSPENSION.

6.2.1 Owner shall have the right to terminate this agreement without cause upon seven (7) calendar days' written notice to Contractor. In the event of such termination for convenience, Contractor's recovery against Owner shall be limited to that portion of the contract amount earned through the date of termination, together with any retainage withheld and reasonable termination expenses incurred, but Contractor shall not be entitled to any other or further recovery against Owner, including, but not limited to damages or any anticipated profit on portions of the work not performed.

6.2.2 Owner shall have the right to suspend all or any portions of the work upon giving Contractor two (2) calendar days' prior written notice of such suspension. If all or any portion of the work is so suspended, Contractor's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in the contract documents. In no event shall the Contractor be entitled to any additional compensation or damages. Provided, however, if the ordered suspension exceeds three (3) months, the Contractor shall have the right to terminate the agreement with respect to that portion of the work which is subject to the ordered suspension.

ARTICLE 7 MISCELLANEOUS PROVISIONS

7.1 Where reference is made in this Agreement to a provision of the General Conditions or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

7.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

7.3 The Owner's representative is: DeVann Cook, County Administrator
(Name, address and other information) 6495 Caroline Street, Suite M
Milton, Florida 32570

7.4 The Contractor's representative is: Pete Kelley, Manager
(Name, address and other information) 7072 Business Park Blvd N.
Jacksonville, FL 32256

7.5 Neither the Owner's nor the Contractor's representative shall be changed without ten days' written notice to the other party.

7.6 Other provisions: Insurance provisions as follows:

Tom King Bayou Pedestrian Bridge LAP Project

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Contractor will provide a copy of their Exemption Certificate and Articles of Incorporation if claiming exception to Workers Compensation requirement. The Division of Workers' Compensation offers an online system for applicants to apply for or renew a Certificate of Election to be Exempt from Florida's Workers' Compensation Law, modify an exemption application, or print their certificate. The website is; wc_exemption@myfloridacfo.com

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage. This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:
 - a. **Santa Rosa County shall be named as an additional insured on the commercial general liability policy, including products/completed operations coverage.**
 - b. **Santa Rosa County shall be named as an additional insured on the business auto liability policy.**
 - c. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.
- 2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.
- 3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.

In the event of unusual circumstances, the County Administrator or his designee, may adjust these insurance requirements.

7.7 PUBLIC RECORDS:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT

**THE CUSTODIAN OF PUBLIC RECORDS (850)983-1925,
wandap@santarosa.fl.gov; 6495 Caroline Street, Suite C, Milton,
Florida 32570.**

(A) The Contractor shall comply with public records laws, specifically to:

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

(B) Request for records; noncompliance.

1. A request to inspect or copy public records relating to a public agency's contract for services must be made directly to the public agency. If the public agency does not possess the requested records, the public agency shall immediately notify the contractor of the request, and the contractor must provide the records to the public agency or allow the records to be inspected or copied within a reasonable time.
2. If a Contractor does not comply with the public agency's request for records, the public agency shall enforce the contract provisions in accordance with the contract.
3. A Contractor who fails to provide the public records to the public agency within a reasonable time may be subject to penalties under s. 119.10.

ARTICLE 8 ENUMERATION OF CONTRACT DOCUMENTS

8.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated as follows:

8.1.1 The Agreement is this executed 1997 edition of the Standard Form of Agreement Between Owner and Contractor, as modified herein.

8.1.2 The General Conditions are the 1997 edition of the General Conditions of the Contract for Construction, as modified herein.

8.1.3 The Supplementary and other Conditions of the Contract are those contained in the Project Manual dated July 2019, included in these Contract Documents.

8.1.4 The Specifications are those contained in the Project Manual dated July 2019, and are incorporated herein.

Tom King Bayou Pedestrian Bridge LAP Project

8.1.5 The Drawings are included in the Project Manual.

8.1.6 The Addenda are listed as follows: N/A

8.1.7 Other documents, if any, forming part of the Contract Documents are as follows:

Contractor's Proposals dated August 20, 2019, attached as Exhibit A.



ARTICLE 9 FHWA 1273

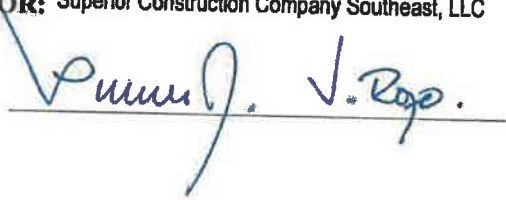
This is a Federal Aid Project and is subject to all provisions for Federal Aid Construction Contract known as FHWA 1273 and shall comply with all applicable procedures, guidelines, manuals, standards and directives as described in the FDOT Local Agency Program Manual. The contractor will also be responsible for including these requirements in all subcontracts. A full copy of FHWA 1273 can be found in the project manual attached to this contract.

This Agreement is entered into as of the day and year first written above and is executed in at least three original copies, of which one is to be delivered to the Contractor, one to the Engineer for use in the administration of the Contract, and the remainder to the Owner.

CONTRACTOR: Superior Construction Company Southeast, LLC

WITNESS:


Printed Name: Margaret Laheri

Printed name: Catherine Jackson



OWNER: SANTA ROSA COUNTY

ATTEST:


Donald C. Spencer, Clerk of Court


David C. Piech, Chairman



SANTA ROSA COUNTY, FLORIDA



ITB # 21-033 – TOM KING BAYOU PEDESTRIAN BRIDGE

June 2021

**OWNER: BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA**

**SAM PARKER
ROBERT A. "BOB" COLE
JAMES CALKINS
DAVE PIECH
COLTEN WRIGHT**

**-DISTRICT I
-DISTRICT II
-DISTRICT III
-DISTRICT IV
-DISTRICT V**

SECTION I.
INVITATION TO BID

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SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

MEMORANDUM

TO: Company Addressed DATE: May 28, 2021

FROM: Santa Rosa County Procurement Office

SUBJECT: **ITB # 21-033 – TOM KING BAYOU PEDESTRIAN BRIDGE**

The Board of County Commissioners of Santa Rosa County, Florida will receive sealed bids from qualified licensed contractors for the construction of Tom King Bayou Pedestrian Bridge. This work includes the construction of a new pedestrian bridge over Tom King Bayou and will tie together an existing pedestrian path. The project will consist of a 466 LF pedestrian bridge (366 LF timber + 100 LF concrete span) and 428 LF of connecting concrete pedestrian path, clearing and grubbing, minor grading and drainage and driveway patching as shown in the project plans and by the project manuals.

All bids must be original and delivered by hand, Fed Ex, or mail to the Santa Rosa County Procurement Department, 6495 Caroline Street, Suite M, Milton, Florida, 32570; and must be received **by 10:00 a.m. on June 28, 2021**, at which time bids will be opened and read aloud. All interested parties are invited to attend. Bids are to be sealed and clearly labeled "ITB # 21-033 – TOM KING BAYOU PEDESTRIAN BRIDGE". Bids received after this time will be rejected and returned to the bidder unopened. E-mailed bid responses will be rejected. Please provide the original proposal, labeled "ORIGINAL", and THREE (3) copies labeled "COPY" (4 total complete packages) along with one (1) electronic file in OCR (readable) PDF format.

Project documents, including drawings and specifications, may be secured by download from the Santa Rosa County Website: <https://www.santarosa.fl.gov/391/Procurement-Office> "Bid Opportunities". Questions concerning this request should be directed to the Santa Rosa County Procurement Office in writing at bidinfo@santarosa.fl.gov **prior to 4:30 p.m. on June 18, 2021**.

A contractor desiring to bid for the performance of this contract must first be certified by the Florida Department of Transportation as qualified in accordance with Section 337.14(1), Florida Statutes, and Rule 14-22, Florida Administrative Code. Contractors shall be prequalified in the following work classes: Minor Bridge and Sidewalk.

There will be a **pre-bid conference at on June 14, 2021 at 10:00 A.M.** in the Santa Rosa County Public Services Media Room, 6051 Old Bagdad Highway, Suite 202, Milton, Florida 32583. At this time, EEO requirements for Federal-Aid projects will be discussed in detail along with many key aspects of the project. All bidders are strongly encouraged to attend the pre-bid conference.

Santa Rosa County Board of County Commissioners encourages all segments of the business community to participate in its procurement opportunities, including small businesses, minority/women owned businesses, foreign owned businesses, and disadvantaged business



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

enterprises. The Board does not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts.

By order of the Board of County Commissioners of Santa Rosa County, Florida.

SECTION II.
STD ITB – BID INSTRUCTIONS, SUBMITTAL
REQUIREMENTS AND GENERAL BID
REQUIREMENTS

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BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

PRE-BID ACTIVITY

Except as provided in this section, respondents are prohibited from contacting or lobbying the County, County Administrator, Commissioners, County staff, and Review Committee members, or any other person authorized on behalf of the County related or involved with the solicitation. All inquiries on the scope of work, specifications, additional requirements, attachments, terms and general conditions or instructions, or any issue must be directed in writing, by US mail or email to: Santa Rosa County Procurement Office, 6495 Caroline Street, Suite L Milton Fl. 32570. Email; Bidinfo@santarosa.fl.gov.

All questions or inquiries must be received no later than the last day for questions stated in the ITB & Legal Notice. Any addenda or other modification to the bid documents will be issued by the County five (5) days prior to the date and time of bid closing, as written addenda, and will be posted to the Santa Rosa County website at <https://www.santarosa.fl.gov> keyword; Bids.

Such written addenda or modification shall be part of the bid documents and shall be binding upon each respondent. Each respondent is required to acknowledge receipt of any and all addenda in writing and submit with their bid. No respondent may rely upon any verbal modification or interpretation.

PROPOSED SCHEDULE

Invitation to Bid Published	May 28, 2021
Pre-Bid Conference;	June 14, 2021 @ 10:00 a.m.
Deadline for Questions	June 18, 2021 @ 4:30 p.m.
Bids Due	June 28, 2021 @ 10:00 a.m.

PREPARATION OF BID

A Bid form is included in these specifications. The Owner may consider as informal any bid on which there is an alteration of or departure from the Bid Form hereto attached. The respondent shall submit bids in accordance with the public notice.

All blanks in the bid documents shall be completed by printing in ink or by typewriter in both words and numbers with the amounts extended, totaled and the bid signed. A bid price shall be indicated for each section, bid item, alternative, adjustment unit price item, and unit price item listed therein, or the words “No Bid”, “No Change”, or “Not Applicable” entered. No changes shall be made to the phraseology of the form or in the items mentioned therein. In case of any discrepancy between the written amount and the numerical figures, the written amount shall govern. Any bid which contains any omissions, erasures, alterations, additions, irregularities of any kind, or items not called for which shall in any manner fail to conform to the conditions of public notice inviting bids may be rejected.

A bid submitted by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature). The official address of the partnership shall be shown below the signature.

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

A bid submitted by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.

A bid submitted by an individual shall show the respondent's name and official address.

A bid submitted by a joint venture shall be executed by each joint venture in the manner indicated on the bid form. The official address of the joint venture must be shown below the signature.

It is preferred that all signatures be in blue ink with the names type or printed below the signature. Santa Rosa County does not accept electronic signatures in bid submissions.

The bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the form. The address and telephone # for communications regarding the bid shall be shown.

If the respondent is an out-of-state corporation, the bid shall contain evidence of respondent's authority and qualification to do business as an out-of-state corporation in the State of Florida. A state contractor license # for the State of Florida shall also be included on the bid form. Respondent shall be licensed in accordance with the requirements of Chapter 489, Florida Statutes.

The Bid shall be based upon the completion of the Work according to the drawings and specifications, together with all addenda thereto.

Bids must include lump sum pricing. Use Bid Form provided in this document. All proposed fees and costs must be broken down and disclosed in the bid.

SUBMITTAL OF BID

A bid shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement or invitation to bid and shall be sealed and clearly labeled with the words "ITB # 21-033 – TOM KING BAYOU PEDESTRIAN BRIDGE", name of bidder and date and time of opening so as to guard against premature opening of any bid and shall be accompanied by the bid security and other required documents. It is the respondent's responsibility to assure that its bid is delivered at the proper time and place. Offers by email, facsimile, or telephone will NOT be accepted.

Each contractor's submittal shall include all the items listed on the Bidders Submission Checklist, in order, with the Checklist on the top of the submission.

INTEGRITY OF BID DOCUMENTS

Respondents shall use the original Bid documents provided by the Santa Rosa County Procurement Office and enter information only in the spaces where a response is requested. Respondents may use an attachment to the Bid documents if sufficient space is not available. Any modifications or alterations to the original bid documents by the respondent, whether intentional or otherwise, will constitute grounds for rejection of a bid. Any such modification or alteration that a respondent wishes to propose must be clearly stated in the respondent's

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

response in the form of an addendum to the original bid documents.

WITHDRAWAL OF SUBMITTALS

Any Respondent may withdraw its Submittal, either personally or by written request, at any time prior to the scheduled time for opening Submittals.

INTERPRETATION

No oral interpretation will be made to any Bidder as to the meaning of the drawings or specifications. Every interpretation made to a Bidder will be in the form of an Addendum to the specifications. Addenda will be furnished to each Bidder, but it shall be the Bidder's responsibility to make inquiry as to Addenda issued. All such addenda shall become part of the contract and all Bidders shall be bound by such Addenda whether or not received by the Bidders.

BIDS TO REMAIN SUBJECT TO ACCEPTANCE

All bids will remain subject to acceptance or rejection by Santa Rosa County for sixty (60) calendar days after the day of the bid opening. The County may, in its sole discretion, release any bid and return the bid security prior to the end of this period.

CONDITIONAL & INCOMPLETE BIDS

Santa Rosa County specifically reserves the right to reject any conditional bid.

ADDITION/DELETION OF ITEM

The County reserves the right to add or delete any item from this bid or resulting contract when deemed to be in the County's best interest.

SPECIFICATION EXCEPTIONS

Specifications are based on the most current literature available. Respondent shall clearly list any change in the manufacturer's specifications which conflict with the bid specifications. Respondent must also explain any deviation from the bid specification in writing, as a foot note on the applicable bid page and enclose a copy of the manufacturer's specifications data detailing the changed item(s) with their bid. Failure of the respondent to comply with these provisions will result in respondents being held responsible for all costs required to bring the equipment in compliance with bid specifications.

FAMILIARITY WITH LAWS

All applicable Federal and State laws, County and municipal ordinances, orders, rules and regulations of all authorities having jurisdiction over the project shall apply to the bid throughout, and they will be deemed to be included in the contract the same as though they were written in full therein.

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

EXAMINATION OF DOCUMENTS AND SITE

Before submitting their proposal, the Bidder shall familiarize themselves with the nature and extent of the work and any local conditions that may in any manner affect the work to be done and the equipment, materials, and labor required. Bidder shall also examine all drawings, specifications, addenda and other Contract Documents to be thoroughly informed regarding any and all conditions and requirements that may in any manner affect the work to be performed under the contract.

RIGHT TO REJECT PROPOSAL

The Owner reserves the right to waive informalities in bids to reject any or all bids with or without cause and accept the bid that in its judgment is in the best interest of the County.

DISQUALIFICATION OF RESPONDENTS

Any of the following reasons may be considered as sufficient for the disqualification of a respondent and the rejection of its bid:

Submission of more than one proposal for the same work from an individual, firm or corporation under the same or different name. Evidence that the respondent has a financial interest in the firm of another respondent for the same work.

Evidence of collusion among respondents. Participants in such collusion will receive no recognition as respondents for any future work of the County until such participant has been reinstated as a qualified respondent.

Uncompleted work which in the judgment of the County might hinder or prevent the prompt completion of additional work if awarded.

Failure to pay or satisfactorily settle all bills due for labor and material on former contracts in force at the time of advertisement of proposals. Default under previous contract.

Listing of the respondent by any Local, State or Federal Government on its barred/suspended vendor list.

DISCRIMINATION

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

REVIEW OF PROCUREMENT DOCUMENTS

Per Florida Statute 119.071 (1) 2, sealed bids, proposals, or replies received by the County pursuant to a competitive solicitation are exempt from public disclosure until such time as

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

the County provides notice of an intended decision or until 30 days after opening the bids, proposals, or final replies, whichever is earlier.

COMPLIANCE WITH FLORIDA STATUTE 119.0701

The Respondent shall comply with all the provisions of section 119.0701, Florida Statutes relating to the public records which requires, among other things, that the Respondent: (a) Keep and maintain public records; (b) Provide the public with access to public records on the same terms and conditions that the public agency would provide the records; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the respondent upon termination of the contract.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (850) 983-1925, wandap@santarosa.fl.gov; 6495 CAROLINE STREET, SUITE C, MILTON, FLORIDA 32570.

SUSPENSION OR TERMINATION FOR CONVENIENCE

The County may, at any time, without cause, order Respondent in writing to suspend, delay or interrupt the work in whole or in part for such period of time as the County may determine, or to terminate all or a portion of the Contract for the County's convenience. Upon such termination, the Contract Price earned to the date of termination shall be paid to Respondent, but Respondent waives any claim for damages, including loss of profits arising out of or related to the early termination. Those Contract provisions which by their nature survive final acceptance shall remain in full force and effect. If the County orders a suspension, the Contract price and Contract time may be adjusted for increases in the cost and time caused by suspension, delay or interruption. No adjustment shall be made to the extent that performance is, was or would have been so suspended, delayed or interrupted by reason for which Respondent is responsible; or that an equitable adjustment is made or denied under another provision of this Contract.

FAILURE OF PERFORMANCE/DELIVERY

In case of default by the respondent, the County after due notice (oral or written) may procure the necessary supplies or services from other sources and hold the respondent responsible for difference in cost incurred. Continuous instances of default shall result in cancellation of the award and removal of the respondent from the bid list for duration of one (1) year, at the option of the County.

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

AUDIT

If requested, respondent shall permit the County or an authorized, independent audit agency to inspect all data and records of respondent relating to its performance and its subcontracts under this bid from the date of the award through three (3) years after the expiration of contract.

NON-COLLUSION

Respondent certifies that it has entered into no agreement to commit a fraudulent, deceitful, unlawful or wrongful act, or any act which may result in an unfair advantage over other respondents. See Florida Statute 838.22.

PUBLIC ENTITY CRIME INFORMATION

Pursuant to Florida Statute 287.133, a respondent may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the bid package.

INVESTIGATION OF RESPONDENT

The County may make such investigations, as it deems necessary to determine the stability of the respondent to perform the work and that there is no conflict of interest as it relates to the project. The respondent shall furnish to the Owner any additional information and financial data for this purpose as the County may request.

CONE OF SILENCE CLAUSE

The Santa Rosa County Board of County Commissioners has established a solicitation silence policy (Cone of Silence Clause) that prohibits oral and written communication regarding all formal solicitations for goods and services (formal bids, Request for Proposals, Requests for Qualifications) issued by the Board through the Procurement Office. The period commences from the date of advertisement until award of contract. All communications shall be directed to the Procurement Office.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the bid package.

TIME OF COMPLETION

The entire project shall be completed within **180 calendar days** after the Notice to Proceed date. The date of substantial completion of the work or designated portion thereof is the date

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

certified by the Engineer when construction is sufficiently complete and approved in accordance with the Contract Documents so the Owner can occupy or utilize the work for the use which it was intended.

The date of substantial completion of the work or designated portion thereof is the date certified by the Engineer when construction is sufficiently complete and approved in accordance with the Contract Documents so the Owner can occupy or utilize the work for the use which it was intended.

Liquidated damages will be established in the amount of **\$1,690 per calendar day** for each calendar day after completion date if the work is not substantially complete as certified by the Engineer.

Payment requests approved by the Engineer for work completed satisfactorily in accordance with the Contract Documents shall be reduced by a ten percent (10%) retainer. The ten percent (10%) retainer shall be retained by the Owner until final completion and acceptance of the work by the Engineer and Santa Rosa County, Florida.

EVALUATION OF BIDS AND AWARD OF CONTRACT

Santa Rosa County Staff will review all bids and will provide the recommendation to award to the Procurement Office, the County Administrator and the Board of County Commissioners. The County will award the bid to the responsive and responsible vendor(s) with the lowest responsive bid(s). The County reserves the right to award the bid to the respondent submitting a responsive bid with a resulting negotiated agreement which is most advantageous and in the best interest of the County, and to reject any and all bids or to waive any irregularity or technicality in bids received. Santa Rosa County shall be the sole judge of the bid and the resulting negotiated agreement that is in its best interest and its decision shall be final.

Santa Rosa County reserves its right to reject any or all Bids, including without limitation nonconforming, nonresponsive, unbalanced or conditional Bids. The County further reserves the right to reject the Bid of any Bidder whom it finds after reasonable inquiry and evaluation to not be responsible. In evaluating Bidders, the County may consider the qualifications of Bidders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted with the Bid Form.

Santa Rosa County reserves the right to waive any informalities or reject any and all bids, in whole or part, to utilize any applicable state contracts in lieu of or in addition to this bid and to accept the bid that in its judgment will best serve the interest of the County.

Santa Rosa County reserves the right to reject any conditional bids and will normally reject those which made it impossible to determine the true amount of the bid. Each item must be

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

bid separately, and no attempt is to be made to tie any item or items to any other item or items.

FORM OF AGREEMENT:

The Contract form shall be provided by the Procurement Office. The successful contractor shall, within 10 days after receipt of the Notice of Award and the contract forms or documents, sign and deliver to the Procurement Office all required contract documents. The awarded contractor shall also deliver the policies of insurance or insurance certificate as required. All insurance documents shall be approved by Santa Rosa County Procurement Office before the successful contractor may proceed with the work.

Contractor is responsible for submitted along with their response any exceptions it has to the standard terms of contract, within the attached sample contract. Failure to submit exceptions at time of submittal of the response will be considered a waiver by bidder to contest or request exception to the contract provisions. Any exceptions to the standard terms of contract will be taken into consideration as part of the County's review of the response. The County reserves the right to reject bids depending on the substance of the exceptions.

BID GUARANTEE:

Each bid shall be submitted on the bid form provided and must be accompanied by a Certified Check or Bid Bond in the amount of five percent (5%) of the Base Bid, and copies of all required licenses. Such Bid Bond or Check is given with the understanding and agreement that it guarantees:

(1) that the bidder will not withdraw his bid for a period of 60 days after the bids have been opened; and, (2) that if his bid is accepted, the Bidder will enter into the written Contract with Santa Rosa County and furnish the required Performance Bond Payment Bond Insurance Certificates, within 10 days after receipt of Notice of Award of his bid. Pursuant to Florida Statutes, Section 255.05, should the contract exceed \$100,000, the Contractor shall be required to execute and record performance and payment bonds. These bonds must state the name and principal business address of both the principal and the surety and a description of the project sufficient to identify it. In the event the bidder fails to comply with any of these conditions and requirements in whole or in part, the full amount of the bond or check shall be automatically forfeited to Santa Rosa County as damages on account of the default of the bidder.

SYSTEM OF AWARD MANAGEMENT

All respondents must be registered with the Federal System of Award Management (SAM) and be up to date on all registration requirements at the time of submitting a response to this Request for Bids. Failure to do so will result in respondent's submittal being deemed as unresponsive.

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

PROCUREMENT OF RECOVERED MATERIALS

All respondents must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

DOMESTIC PREFERENCE

Although the County has no local preference, in accordance with 2 C.F.R. 200.322, the County may consider preference for the use of products and materials produced in the United States.

CONTRACT WITH THE ENEMY

In accordance with 2 C.F.R. 200.215, it is acknowledged that no services under this contract are to be performed outside the United States and its territories nor in support of a contingency operation in which members of the Armed Forces are actively engaged in hostilities.

MISC. FEDERAL REQUIREMENTS

All respondents should be aware that some federal funds may be utilized in the course of services being performed under this agreement, as such, respondent agrees that it shall adhere to all necessary federal regulations. Further, the respondent acknowledges that the Federal government is not a party to this agreement and is not subject to any obligations or liabilities to the non-federal entity, Respondent, or any other party pertaining any matter resulting from any award. Should a federal awarding agency require adherence to Supplemental Standard Terms and Conditions relevant to any award hereunder, such conditions will be included for review and approval as a condition any amendment or task order.

UNAUTHORIZED ALIENS/PATRIOT'S ACT

The knowing employment by respondent or its subcontractors of any alien not authorized to work by the immigration laws is prohibited and shall be a default of the contract. In the event that the respondent is notified or becomes aware of such default, the respondent shall take steps as are necessary to terminate said employment with 24 hours of notification or actual knowledge that an alien is being employed. Respondent's failure to take such steps as are necessary to terminate the employment of any said alien within 24 hours of notification or actual knowledge that an alien is being employed shall be grounds for immediate termination

BID INSTRUCTIONS, SUBMITTAL REQUIREMENTS AND GENERAL BID CONDITIONS

of the contract. Respondent shall take all commercially reasonable precautions to ensure that it and its subcontractors do not employ persons who are not authorized to work by the immigration laws.

PROTECTION OF RESIDENT WORKERS

The Santa Rosa County Board of County Commissioners actively supports the Immigration and Nationality Act (INA) which includes provisions addressing employment eligibility, employment verifications, and nondiscrimination. Under the INA, employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired, which includes completing the Employment Eligibility Verifications. The respondent shall establish appropriate procedures and controls so no services or products under the Contract Documents will be performed or manufactured by any worker who is not legally eligible to perform such services or employment. Santa Rosa County reserves the right to request documentation showing compliance with the requirements.

Respondents doing construction business with Santa Rosa County are required to use the Federal Government Department of Homeland Security's website and use the E-Verify Employment Eligibility Verifications System to confirm eligibility of all employees to work in the United States.

SECTION 00110 - INVITATION TO BID

Tom King Bayou Pedestrian Bridge

A contractor desiring to bid for the performance of this contract must first be certified by the Florida Department of Transportation as qualified in accordance with Section 337.14(1), Florida Statutes, and Rule 14-22, Florida Administrative Code. Contractors shall be prequalified in the following work classes: Minor Bridge and Sidewalk. This work includes the construction of a pedestrian bridge, boardwalk, concrete sidewalk, grading, and installation of storm drain as shown on the project plans and by the project manuals.

This contract is a Federal-Aid project and falls under requirements set forth in the FDOT Equal Employment Opportunity Contract Compliance Manual

Disadvantaged Business Enterprise (DBE) Availability Goal Information is contained in the Project Manual. Please complete, sign, and return the applicable 'Anticipated DBE Participation Statement' form and the 'DBE/MBE Bid Opportunity List' form which shall be submitted with bid as stipulated in the Project Manual.

The County, in accordance with Title VI of the Civil Rights Act of 1964, 42 USC 2000d to 2000d-4 and related authorities, Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the disadvantaged business enterprises will be afforded the full opportunity to submit bids in response to the invitation and will not be discriminated against on the basis of race, color, national origin, religion, sex, age, or disability/handicap in consideration for an award. Further, it is the policy of the County to not discriminate against bidders on the grounds of race, color, national origin, religion, sex, age, or disability/handicap in consideration for an award. No company will be awarded a contract unless they have an approved DBE Affirmative Action Program Plan ALREADY IN PLACE at the time of bidding. Please review the 'DBE Bid Package' and the Special Provisions for instruction for submission of a DBE Affirmative Action Plan.

Anyone needing special accommodations under the Americans with Disabilities Act of 1990 should send an email to rebeccaj@santarosa.fl.gov or call telephone number (850) 981-7100. Special accommodation requests under the Americans with Disabilities Act should be made at least seven days prior to the public meeting.

Each bid shall be submitted on the bid form provided and must be accompanied by a Certified Check or bid Bond in the amount of five percent (5%) of the Base Bid, and copies of all required licenses. Such Bid Bond or Check is given with the understanding and agreement that it guarantees: (1) that the bidder will not withdraw his bid for a period of 60 days after the bids have been opened; and, (2) that if his bid is accepted, the Bidder will enter into the written Contract with Santa Rosa County and furnish the required Performance Bond Payment Bond Insurance Certificates, within 60 days after receipt of Notice of Award of his bid. Pursuant to Florida Statutes, Section 255.05, should the contract exceed \$100,000, the Contractor shall be required to execute and record performance and payment bonds. These bonds must state the name and principal business address of both the principal and the surety and a description of the

project sufficient to identify it. In the event the bidder fails to comply with any of these conditions and requirements in whole or in part, the full amount of the bond or check shall be automatically forfeited to Santa Rosa County as damages on account of the default of the bidder.

All bids must include lump sum prices. Unit prices must be submitted for comparison and payment purposes.

The overall project will be awarded to the lowest responsive bidder. If alternate bids are chosen, the alternate bid item(s) will be added to the base bids to determine the overall low bidder.

SECTION III.
SANTA ROSA COUNTY DOCUMENTS AND FORMS

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SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

BID SUBMISSION CHECKLIST

ITB # 21-033 – TOM KING BAYOUT PEDESTRIAN BRIDGE

- _____ Sealed Bid Package with Bid Name and Number, Firm name and Address with Contact information clearly marked on the outside of envelope/box.
- _____ 1 Original Bid Package and 3 Copies with 1 Electronic Copy in .pdf on a CD or USB Drive
- _____ Bid Submittal Checklist attached to top of Original Bid Package
- _____ Bid Bond
- _____ Bid Form & Schedule of Values, Unit Pricing (if required)
- _____ Cone of Silence
- _____ Sworn Statement Public Entity Crimes
- _____ Debarment Form
- _____ References Form
- _____ Conflict of Interest Form
- _____ Copy of current Required Insurance declaration page with Santa Rosa County named interest, or, Letter of Insurability from Carrier stating that the levels of coverage will be obtained.
- _____ Contractor's license/Business license
- _____ Addendum (s)
- _____ proof of System for Award Management "active status" (SAM.gov)
- _____ proof of "active status" with the Florida Department of State Division of Corporations (sunbiz.org)

All required documentation submitted must be updated with most current and complete information from date of bid opening) including notarizations where required. Failure to submit all required forms may result in your submittal being deemed non-responsive. **ATTACH THIS PAGE TO THE TOP OF YOUR BID SUBMISSION**

Firm: _____

By: _____
(Print)

Signature: _____

Title: _____

Date: _____

Santa Rosa County
Insurance Requirements
March 2021

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage. This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:
 - a. Santa Rosa County shall be named as an additional insured on all coverages except workers' compensation.

b. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.

2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.

3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

DEBARMENT FORM

SRC Procurement Form Debar 022_00_082719

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or Local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name: _____ Title: _____

Signature: _____

Firm: _____

Street Address: _____

City: _____

State: _____ Zip Code: _____

Solicitation Name _____ # XX-XXX _____



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

REFERENCES FORM

SRC Procurement Form Memo 024_00_082719

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME _____
PROPOSAL POINT OF CONTACT _____ PHONE _____
EMAIL _____

REFERENCE I.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

REFERENCE II.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE III.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

REFERENCE IV.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE V.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

CONFLICT OF INTEREST DISCLOSURE FORM

SRC Procurement Form COS 027_00_091319

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: _____

Name(s)	Position(s)
_____	_____
_____	_____
_____	_____
_____	_____

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: _____

BY (PRINTED): _____

BY (SIGNATURE): _____

TITLE: _____

ADDRESS: _____ State _____ Zip Code _____

PHONE NO: _____

E-MAIL: _____

Date: _____

SECTION IV.
PROJECT MANUAL, SPECIFICATIONS, PLANS AND
SUPPORTING DOCUMENTATION

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PROJECT MANUAL

Tom King Bayou Pedestrian Bridge

FPID 440741-1-68-01

FEDERAL FUNDS

Santa Rosa County, Florida

Date: May 2021



Santa Rosa County Board of County Commissioners:

Sam Parker

Robert A. "Bob" Cole

James Calkins

David Piech

Colten Wright

District I

District II

District III

District IV

District V

Rebecca Jones, P.E.

County Engineer

TABLE OF CONTENTS

Invitation to Bid.....	00110-1 to 00110-3
Instruction to Bidders.....	00120-1 to 00120-2
Bid Form	00130-1 to 00130-2
Schedule of Unit Prices.....	1
Statement of Public Entity Crimes.....	A1
Cone of Silence	A2
Insurance Requirements.....	1-2
General Provisions.....	1-32
Supplementary Conditions.....	00800-1
Required Contract Provisions (FHWA-1273).....	1-12
LAP Contract Requirements.....	1
Technical Specifications Package.....	1-54
Davis-Bacon Wage Decision.....	1-6
EEO Sample Documents / Worksheets	

SECTION 00110 - INVITATION TO BID

Tom King Bayou Pedestrian Bridge

The Board of County Commissioners of Santa Rosa County, Florida will receive sealed bids from qualified licensed contractors for the construction of Tom King Bayou Pedestrian Bridge. This project consists of the construction of a new pedestrian bridge to be constructed over Tom King Bayou on the north side of CR 399 (East Bay Boulevard) in south Santa Rosa County. The pedestrian bridge (366 LF timber + 100 LF concrete span) will be constructed along with 428 feet of a connecting concrete pedestrian path on both sides of the new bridge.

All bids must be original and delivered by hand, Fed Ex, or mail to the Santa Rosa County Procurement Department, 6495 Caroline Street, Suite L, Milton, Florida, 32570; and must be received by 10:00 a.m., June 28, 2021, at which time bids will be opened and read aloud. All interested parties are invited to attend. Secondary delivery location shall be to Suite M at the above address. Bids are to be sealed and clearly labeled “**ITB 21-033 – TOM KING BAYOU PEDESTRIAN BRIDGE**”. Bids received after this time will be rejected and returned to the bidder unopened. E-mailed bid responses will be rejected. Please provide the original proposal, labeled “ORIGINAL”, and THREE (3) copies labeled “COPY” (4 total complete packages) along with one (1) electronic file in OCR (readable) PDF format.

Project documents, including drawings and specifications, may be secured by download from the Santa Rosa County Website: <https://www.santarosa.fl.gov/391/Procurement-Office> “Bid Opportunities”. Questions concerning this request should be directed to the Santa Rosa County Procurement Office in writing at bidinfo@santarosa.fl.gov prior to 4:30 p.m. on June 18, 2021.

A contractor desiring to bid for the performance of this contract must first be certified by the Florida Department of Transportation as qualified in accordance with Section 337.14(1), Florida Statutes, and Rule 14-22, Florida Administrative Code. Contractors shall be prequalified in the following work classes: Minor Bridge and Sidewalk. This work includes the construction of a pedestrian bridge, boardwalk, concrete sidewalk, grading, and installation of storm drain as shown on the project plans and by the project manuals.

This contract is a Federal-Aid project and falls under requirements set forth in the FDOT Equal Employment Opportunity Contract Compliance Manual

Disadvantaged Business Enterprise (DBE) Availability Goal Information is contained in the Project Manual. Please complete, sign, and return the applicable ‘Anticipated DBE Participation Statement’ form and the ‘DBE/MBE Bid Opportunity List’ form which shall be submitted with bid as stipulated in the Project Manual.

The County, in accordance with Title VI of the Civil Rights Act of 1964, 42 USC 2000d to 2000d-4 and related authorities, Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the disadvantaged business enterprises will be afforded the full opportunity to submit bids in response to the invitation and will not be discriminated against on the basis of race, color, national origin, religion, sex, age, or disability/handicap in consideration

for an award. Further, it is the policy of the County to not discriminate against bidders on the grounds of race, color, national origin, religion, sex, age, or disability/handicap in consideration for an award. No company will be awarded a contract unless they have an approved DBE Affirmative Action Program Plan ALREADY IN PLACE at the time of bidding. Please review the 'DBE Bid Package' and the Special Provisions for instruction for submission of a DBE Affirmative Action Plan.

Anyone needing special accommodations under the Americans with Disabilities Act of 1990 should send an email to rebeccaj@santarosa.fl.gov or call telephone number (850) 981-7100. Special accommodation requests under the Americans with Disabilities Act should be made at least seven days prior to the public meeting.

There will be a pre-bid conference on June 14, 2021 at 10:00 A.M. in the Santa Rosa County Public Services Media Room, 6051 Old Bagdad Highway, Suite 202, Milton, Florida 32583. At this time, EEO requirements for Federal-Aid projects will be discussed in detail along with many key aspects of the project. All bidders are strongly encouraged to attend the pre-bid conference.

Each bid shall be submitted on the bid form provided and must be accompanied by a Certified Check or bid Bond in the amount of five percent (5%) of the Base Bid, and copies of all required licenses. Such Bid Bond or Check is given with the understanding and agreement that it guarantees: (1) that the bidder will not withdraw his bid for a period of 60 days after the bids have been opened; and, (2) that if his bid is accepted, the Bidder will enter into the written Contract with Santa Rosa County and furnish the required Performance Bond Payment Bond Insurance Certificates, within 60 days after receipt of Notice of Award of his bid. Pursuant to Florida Statutes, Section 255.05, should the contract exceed \$100,000, the Contractor shall be required to execute and record performance and payment bonds. These bonds must state the name and principal business address of both the principal and the surety and a description of the project sufficient to identify it. In the event the bidder fails to comply with any of these conditions and requirements in whole or in part, the full amount of the bond or check shall be automatically forfeited to Santa Rosa County as damages on account of the default of the bidder.

Santa Rosa County Board of County Commissioners encourages all segments of the business community to participate in its procurement opportunities, including small businesses, minority/women owned businesses, foreign-owned businesses, and disadvantaged business enterprises. The Board does not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts.

All bids must include lump sum prices. Unit prices must be submitted for comparison and payment purposes.

The overall project will be awarded to the lowest responsive bidder. If alternate bids are chosen, the alternate bid item(s) will be added to the base bids to determine the overall low bidder.

The Contract form shall be provided by the County Attorney.

Completion Time: The entire project shall be completed with-in One Hundred-Eighty (180) days after Notice to Proceed.

The date of substantial completion of the work or designated portion thereof is the date certified by the Engineer when construction is sufficiently complete and approved in accordance with the Contract Documents so the Owner can occupy or utilize the work for the use which it was intended.

Liquidated damages will be established in the Liquidated Damages schedule located within the Technical Specifications Section I. They will be assessed per calendar day for each calendar day after completion date if the work is not substantially complete as certified by the Engineer.

Payment requests approved by the Engineer for work completed satisfactorily in accordance with the Contract Documents shall be reduced by a ten percent (10%) retainer. The ten percent (10%) retainer shall be retained by the Owner until final completion and acceptance of the work by the Engineer and Santa Rosa County, Florida.

By order of the Board of County Commissioners of Santa Rosa County, Florida.

LEGAL NOTICE

Pensacola News Journal (Three Issues): May 28, 2021; June 4, 2021 and June 11, 2021
Bill and Proof of Publication to Santa Rosa County Procurement Department, 6495 Caroline Street, Suite L, Milton, Florida 32570. Email to; procurement@santarosa.fl.gov

END OF SECTION 00110

SECTION 00120 - INSTRUCTIONS TO BIDDERS

1.00 BID FORMS:

A Bid form is included in these specifications.

Bid documents shall be sealed and clearly labeled with the words “**ITB # 21-033 – Tom King Bayou Pedestrian Bridge**”, name of bidder, date, and time of opening so as to guard against the premature opening of any bid. The Owner may consider as informal any bid on which there is an alteration of or departure from the Bid Form hereto attached.

The Bid shall be based upon the completion of the Work according to the drawings and specifications, together with all addenda thereto.

All potential subcontractors whose work will be over \$10,000 shall have an approved DBE/ Affirmative Action Plan in place with FDOT prior to commencing work on the project.

Evidence of all appropriate required licenses, current Business Tax Receipt, notarized Sworn Statement, and Certificate of Competency shall be attached to the Bid Documents (Section 9).

2.00 INTERPRETATION:

No oral interpretation will be made to any Bidder as to the meaning of the drawings or specifications. All requests for information must be made in writing and relayed to the Procurement Office via fax, email, or written letter received prior to the date below. Every interpretation made to a Bidder will be in the form of an Addendum to the specifications. Addenda will be furnished to each Bidder, but it shall be the Bidder’s responsibility to make inquiry as to Addenda issued. All such addenda shall become part of the contract and all Bidders shall be bound by such Addenda whether or not received by the Bidders. The last date to field questions/issue addenda will be June 18, 2021 Central time. Technical questions should be directed in writing to Procurement Office at bidinfo@santarosa.fl.gov .

3.00 FAMILIARITY WITH LAWS:

It is the Bidder’s responsibility to be familiar with all Federal, State, and local laws, ordinances, rules, and regulations that in any manner, affect the work. Ignorance thereof the part of the Bidder will in no way relieve him from responsibility.

4.00 EXAMINATION OF DOCUMENTS AND SITE:

Before submitting his bid, the Bidder shall visit the site (s) of the proposed work and familiarize himself with the nature and extent of the work and any local conditions that may in any manner affect the work to be done and the equipment, materials, and labor required. He shall also examine the drawings, specifications, and other Project Documents to inform himself thoroughly regarding any and all conditions and requirements that may in any manner affect the work to be performed under the contract.

5.00 RIGHT TO REJECT PROPOSAL:

The Project will be awarded to the lowest responsive bidder meeting all qualifications set forth in the project manual.

6.00 TIME OF COMPLETION:

The project shall be completed within the time frame provided on the Bid Form and not to exceed One Hundred-Eighty (180) calendar days from the Notice to Proceed date.

7.00 FORM OF AGREEMENT:

The Contract form shall be provided by the County Attorney.

8.00 BID GUARANTEE:

Each bid shall be submitted in triplicate on the bid form provided and must be accompanied by a Certified Check or bid Bond in the amount of five percent (5%) of the Base Bid, and copies of all required licenses. Such Bid Bond or Check is given with the understanding and agreement that it guarantees: (1) that the bidder will not withdraw his bid for a period of 60 days after the bids have been opened; and, (2) that if his bid is accepted, the Bidder will enter into the written Contract with Santa Rosa County and furnish the required Performance Bond Payment Bond Insurance Certificates, within 60 days after receipt of Notice of Award of his bid. Pursuant to Florida Statutes, Section 255.05, should the contract exceed \$100,000, the Contractor shall be required to execute and record performance and payment bonds. These bonds must state the name and principal business address of both the principal and the surety and a description of the project sufficient to identify it. In the event the bidder fails to comply with any of these conditions and requirements in whole or in part, the full amount of the bond or check shall be automatically forfeited to Santa Rosa County as damages on account of the default of the bidder.

9.00 FORMS REQUIRED WITH BID SUBMITTAL:

- Bid Form
- Schedule of Unit Prices
- Certificate of Competency (Business Tax Receipt)
- Sworn Statement on Public Entity Crimes
- Cone of Silence Form
- Proof of Insurance
- Bid Bond
- Form 275-030-12 Anticipated DBE Participation Statement
- Form 700-010-11 Notice of Rental Agreement
- Form 275-030-11 DBE AA Plan / Construction Contractors Bid Opportunity List
- Form 525-010-46 LAP Certification of Current Capacity
- Form 375-030-33 Lobbying Certification
- Form 575-060-13 Non-Collusion Declaration of Compliance
- Form 375-030-34 Disclosure of Lobbying
- Form 375-030-32 Cert. Regarding Debarment, Suspension...for Federal Aid Contracts

END OF SECTION 00120

SECTION 00130 - BID FORM

(To be copied by the Bidder on his own letterhead.)

TO: Santa Rosa County Procurement Department
6495 Caroline Street, Suite L
Milton, Florida 32570

REFERENCE: ITB 21-033 Tom King Bayou Pedestrian Bridge

Gentlemen:

I have received the Bidding Documents consisting of Drawings and Specifications (Project Manual) entitled Tom King Bayou Pedestrian Bridge, prepared by Santa Rosa County Engineering, 6051 Old Bagdad Highway, Suite 300, Milton, Florida 32570, (850) 981-7100.

I have also received Addenda Numbers _____ and have included their provisions in my Bid. I have examined both the Bidding Documents and the site and submit the following Bid:

In submitting the Bid, I agree:

1. To hold my bid in full force and effect for a period of sixty (60) calendar days after the time of the opening of this Bid.
2. To accept the provisions of the Instructions to Bidders regarding disposition of Bid Guarantee.
3. To enter into and execute a Contract within thirty (30) calendar days after said Contract is delivered to me, if awarded on the basis of this Bid.
4. To accomplish the work in accordance with the Contract Documents
5. To commence work under this Contract within 10 days of receipt of the written "Notice to Proceed" by the Engineer (or date specified on NTP) and to complete project within One Hundred-Eighty (180) days thereafter.
6. To pay as liquidated damages, the sum established in the Liquidated Damages Schedule (Technical Specification Section 1) for each consecutive calendar day after completion date, as called for in the Contract Agreement as modified.
7. To submit a Quality Control Plan to the Project Engineer for review and approval prior to starting construction. The Q.C. plan shall be in accordance with the July 2020 edition of FDOT Specifications.

I will construct this project for the lump sum price of:

Base Bid: _____ (\$ _____)

Base Option 1: _____ (\$ _____)

Base Option 2: _____ (\$ _____)

Base Option 3: _____ (\$ _____)

Unit prices are attached for informational purposes. Change orders and progress payments will be based on unit prices provided. The bid will be awarded by basis on the lump sum number written above. This will not be an Owner Force Account contract. Progress payments will be based on the work completed and/or materials stored.

NOTE: Please return this bid form to the above address. NO OTHER BID FORM WILL BE ACCEPTED.

FIRM: _____

BY: _____

Date: _____

TITLE: _____

END OF SECTION 00130

Tom King Bayou Pedestrian Bridge

FPID: 440741-1

Schedule of Unit Prices

Page 1 of 1

Unit prices are attached for informational purposes. Change orders and progress payments will be based on unit prices provided. Quantities are engineer's estimate and are to be used as a guide. All quantities are in-place measure. Contractor should make their own adjustments to price to include labor, transportation, compaction, etc. Schedule of unit prices to be turned in with Bid Package.

No.	Item	Unit	Quantity	Unit Price	Extension
1	MOBILIZATION (440741-1) (5%)	LS	1		
2	MAINTENANCE OF TRAFFIC (440741-1) (120 Days) (5%)	LS	1		
3	WORK ZONE SIGN	ED	1680		
4	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	3600		
5	SEDIMENT BARRIER	LF	85		
6	STAKED TURBIDITY BARRIER-NYL REINF PVC	LF	64		
7	CLEARING & GRUBBING (440741-1)	AC	0.388		
8	REGULAR EXCAVATION	CY	15		
9	BORROW EXCAVATION, TRUCK MEASURE	CY	659.8		
10	OPTIONAL BASE GROUP 04	SY	79		
11	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	4.3		
12	CONC CLASS NS, GRAVITY WALL	CY	10.5		
13	CLASS IV CONCRETE (SUBSTRUCTURE)	CY	15		
14	REINFORCING STEEL (SUBSTRUCTURE)	LB	2508		
15	PIPE CULV, OPT MATL, ROUND, 18"SD	LF	20		
16	PIPE CULV, OPT MATL, OTHER, 24"S/CD	LF	421		
17	MITERED END SECT, OPT-OTHER, 24" CD	EA	2		
18	MITERED END SECT, OPT-RD, 18" SD	EA	2		
19	PRESTRESSED CONCRETE PILING (18" SQ)	LF	62		
20	TEST PILES (18" SQ)	LF	92		
21	PREFABRICATED STEEL PEDESTRIAN BRIDGE	SF	1200		
22	TREATED STRUCTURAL TIMBER	MB	42.5		
23	BOLLARDS	EA	4		
24	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	378		
25	RIPRAP, RUBBLE, BANK AND SHORE	TN	366.5		
26	BEDDING STONE	TN	130.5		
27	PERFORMANCE TURF, SOD	SY	1444		
28	SINGLE POST SIGN, F&I GM, <12 SF	AS	2		
29	INITIAL CONTINGENCY	LS	1		

TOTAL BASE BID= _____

BID OPTION 1

1	PREFABRICATED STEEL PEDESTRIAN BRIDGE	SF	1,200.00		
BID OPTION 1 TOTAL =					

BID OPTION 2

1	TREATED STRUCTURAL TIMBER	MB	-8.90		
2	TREATED STRUCTURAL TIMBER (STRUCTURAL PLASTIC)	MB	8.90		
BID OPTION 2 TOTAL =					

BID OPTION 3

1	TREATED STRUCTURAL TIMBER	MB	-42.50		
2	TREATED STRUCTURAL TIMBER (MARINE GRADE TIMBER)	MB	42.50		
BID OPTION 3 TOTAL =					

SWORN STATEMENT UNDER SECTION 287.133 (3) (A),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
_____ by
(print individual's name and title)
_____ for
(print name of entity submitting sworn statement)
_____ whose
business address is _____
_____ and (if applicable) its Federal
Employer Identification Number (FEIN) is _____. If the entity has no FEIN, include the
Social Security Number of the individual signing this Sworn Statement: _____.

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of public entity crime.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with legal power to enter into a binding contract and which bids or appeals to bid on contracts for the provision of goods and services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies.)
_____ Neither the entity submitting this sworn statement, nor one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
_____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
_____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officers determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (ATTACH A COPY OF THE FINAL ORDER.)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

(Signature)
Sworn to and subscribed before me this _____ day of _____, 2_____.
Personally known _____
or Produced identification _____ Notary Public – State of _____
My commission expires _____
(Type of identification)

_____ (Printed, typed, or stamped commissioned name of notary public.)

CONE OF SILENCE

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the bidder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County’s Architect, Engineer or their sub-consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after bids are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, _____ representing _____

Signature

Company

On this _____ day of _____ 2020 hereby agree to abide by the County’s “Cone of Silence” clause and understand violation of this policy shall result in disqualification of my proposal/submittal.

**Santa Rosa County
Insurance Requirements
March 2021**

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage. This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:

- a. Santa Rosa County shall be named as an additional insured on all coverages except workers' compensation.
- b. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.

2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.

3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

ARTICLE 1 GENERAL PROVISIONS

1.1 BASIC DEFINITIONS

1.1.1 THE CONTRACT DOCUMENTS

The Contract Documents consist of the Agreement between Owner and Contractor (hereinafter the Agreement), Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of the Contract, other documents listed in the Agreement and Modifications issued after execution of the Contract. A Modification is (1) a written amendment to the Contract signed by both parties, (2) a Change Order, (3) a Construction Change Directive or (4) a written order for a minor change in the Work issued by the Engineer. Unless specifically enumerated in the Agreement, the Contract Documents do not include other documents such as bidding requirements (advertisement or invitation to bid, Instructions to Bidders, sample forms, the Contractor's bid or portions of Addenda relating to bidding requirements).

1.1.2 THE CONTRACT

The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. The Contract may be amended or modified only by a Modification. The Contract Documents shall not be construed to create a contractual relationship of any kind (1) between the Engineer and Contractor, (2) between the Owner and a Subcontractor or Sub-Subcontractor, (3) between the Owner and Engineer or (4) between any persons or entities other than the Owner and Contractor. The Engineer shall, however, be entitled to performance and enforcement of obligations under the Contract intended to facilitate performance of the Engineer's duties.

1.1.3 THE WORK

The term "Work" means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment and services provided or to be provided by the Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project.

1.1.4 THE PROJECT

The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner or by separate Contractors.

1.1.5 THE DRAWINGS

The Drawings are the graphic and pictorial portions of the Contract Documents showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules and diagrams.

1.1.6 THE SPECIFICATIONS

The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, systems, standards and workmanship for the Work, and performance of related services.

1.1.7 THE PROJECT MANUAL

The Project Manual is a volume assembled for the Work which may include the bidding requirements, sample forms, Conditions of the Contract and Specifications.

1.2 CORRELATION AND INTENT OF THE CONTRACT DOCUMENTS

1.2.1 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is

required by one shall be as binding as if required by all; performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the indicated results.

1.2.2 Organization of the Specifications into divisions, sections and articles, and arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade.

1.2.3 Unless otherwise stated in the Contract Documents, words which have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

1.3 CAPITALIZATION

1.3.1 Terms capitalized in these General Conditions include those which are (1) specifically defined, (2) the titles of numbered articles and identified references to Paragraphs, Subparagraphs and Clauses in the document.

1.4 INTERPRETATION

1.4.1 In the interest of brevity the Contract Documents frequently omit modifying words such as “all” and “any” and articles such as “the” and “an”, but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement.

1.5 EXECUTION OF CONTRACT DOCUMENTS

1.5.1 The Contract Documents shall be signed by the Owner and Contractor. If either the Owner or Contractor or both do not sign all the Contract Documents, the Engineer shall identify such unsigned Documents upon request.

1.5.2 Execution of the Contract by the Contractor is a representation that the Contractor has visited the site, become generally familiar with local conditions under which the Work is to be performed and correlated personal observations with requirements of the Contract Documents.

1.6 OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND OTHER INSTRUMENTS OF SERVICE

1.6.1 The Drawings, Specifications and other documents, including those in electronic form, prepared by the Engineer and the Engineer's consultants are Instruments of Service through which the Work to be executed by the Contractor is described. The Contractor may retain one record set. Neither the Contractor nor any Subcontractor, Sub-Subcontractor or material or equipment supplier shall own or claim a copyright in the Drawings, Specifications and other documents prepared by the Engineer or the Engineer's consultants, and unless otherwise indicated the Engineer and the Engineer's consultants shall be deemed the authors of them and will retain all common law, statutory and other reserved rights, in addition to the copyrights. All copies of Instruments of Service, except the Contractor's record set, shall be returned or suitably accounted for to the Engineer, on request, upon completion of the Work. The Drawings, Specifications and other documents prepared by the Engineer and the Engineer's consultants, and copies thereof furnished to the Contractor, are for use solely with respect to this Project. They are not to be used by the Contractor or any Subcontractor, Sub-Subcontractor or material or equipment supplier on other projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner, Engineer and the Engineer's consultants. The Contractor, Subcontractors, Sub-Subcontractors and material or equipment suppliers are authorized to use and reproduce applicable portions of the Drawings, Specifications and other documents prepared by the Engineer and the Engineer's consultants appropriate to and for use in the execution of their Work under the Contract Documents. All copies made under this authorization shall bear the statutory copyright notice, if any, shown on the Drawings, Specifications and other documents prepared by the Engineer and the Engineer's

consultants. Submittal or distribution to meet official regulatory requirements or for other purposes in connection with this Project is not to be construed as publication in derogation of the Engineer's or Engineer's consultants' copyrights or other reserved rights.

ARTICLE 2 OWNER

2.1 GENERAL

2.1.1 The Owner is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Owner shall designate in writing a representative who shall have express authority to bind the Owner with respect to all matters requiring the Owner's approval or authorization. Except as otherwise provided in Subparagraph **4.2.1**, the Engineer does not have such authority. The term "Owner" means the Owner or the Owner's authorized representative.

2.1.2 The Owner shall furnish to the Contractor within fifteen days after receipt of a written request, information necessary and relevant for the Contractor to evaluate, give notice of or enforce mechanic's lien rights. Such information shall include a correct statement of the record legal title to the property on which the Project is located, usually referred to as the site, and the Owner's interest therein.

2.2 INFORMATION AND SERVICES REQUIRED OF THE OWNER

2.2.1 The Owner shall, at the written request of the Contractor, prior to commencement of the Work and thereafter, furnish to the Contractor reasonable evidence that financial arrangements have been made to fulfill the Owner's obligations under the Contract. Furnishing of such evidence shall be a condition precedent to commencement or continuation of the Work. After such evidence has been furnished, the Owner shall not materially vary such financial arrangements without prior notice to the Contractor.

2.2.2 Except for permits and fees, including those required under Subparagraph **3.7.1**, which are the responsibility of the Contractor under the Contract Documents, the Owner shall secure and pay for necessary approvals, easements, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.

2.2.3 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a legal description of the site. The Contractor shall be entitled to rely on the accuracy of information furnished by the Owner but shall exercise proper precautions relating to the safe performance of the Work.

2.2.4 Information or services required of the Owner by the Contract Documents shall be furnished by the Owner with reasonable promptness. Any other information or services relevant to the Contractor's performance of the Work under the Owner's control shall be furnished by the Owner after receipt from the Contractor of a written request for such information or services.

2.2.5 Unless otherwise provided in the Contract Documents, the Contractor will be furnished, free of charge, such copies of Drawings and Project Manuals as are reasonably necessary for execution of the Work.

2.3 OWNER'S RIGHT TO STOP THE WORK

2.3.1 If the Contractor fails to correct Work which is not in accordance with the requirements of the Contract Documents as required by Paragraph **12.2** or persistently fails to carry out Work in accordance with the Contract Documents, the Owner may issue a written order to the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, the right of the Owner to stop the Work shall not give rise to a duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity, except to the extent required by Subparagraph **6.1.3**.

2.4 OWNER'S RIGHT TO CARRY OUT THE WORK

2.4.1 If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a seven-day period after receipt of written notice from the Owner to commence and continue correction of such default or neglect with diligence and promptness, the Owner may after such seven-day period give the Contractor a second written notice to correct such deficiencies within a three-day period. If the Contractor within such three-day period after receipt of such second notice fails to commence and continue to correct any deficiencies, the Owner may, without prejudice to other remedies the Owner may have, correct such deficiencies. In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor the reasonable cost of correcting such deficiencies, including Owner's expenses and compensation for the Engineer's additional services made necessary by such default, neglect or failure. Such action by the Owner and amounts charged to the Contractor are both subject to prior approval of the Engineer. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner.

ARTICLE 3 CONTRACTOR

3.1 GENERAL

3.1.1 The Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The term "Contractor" means the Contractor or the Contractor's authorized representative.

3.1.2 The Contractor shall perform the Work in accordance with the Contract Documents.

3.1.3 The Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Engineer in the Engineer's administration of the Contract, or by tests, inspections or approvals required or performed by persons other than the Contractor.

3.2 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

3.2.1 Since the Contract Documents are complementary, before starting each portion of the Work, the Contractor shall carefully study and compare the various Drawings and other Contract Documents relative to that portion of the Work, as well as the information furnished by the Owner pursuant to Subparagraph **2.2.3**, shall take field measurements of any existing conditions related to that portion of the Work and shall observe any conditions at the site affecting it. These obligations are for the purpose of facilitating construction by the Contractor and are not for the purpose of discovering errors, omissions, or inconsistencies in the Contract Documents; however, any errors, inconsistencies or omissions discovered by the Contractor shall be reported promptly to the Engineer as a request for information in such form as the Engineer may require.

3.2.2 Any design errors or omissions noted by the Contractor during this review shall be reported promptly to the Engineer, but it is recognized that the Contractor's review is made in the Contractor's capacity as a Contractor and not as a licensed design professional unless otherwise specifically provided in the Contract Documents. The Contractor is not required to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, building codes, and rules and regulations, but any nonconformity discovered by or made known to the Contractor shall be reported promptly to the Engineer.

3.2.3 If the Contractor believes that additional cost or time is involved because of clarifications or instructions issued by the Engineer in response to the Contractor's notices or requests for information pursuant to Subparagraphs **3.2.1** and **3.2.2**, the Contractor shall make Claims as provided in Subparagraphs **4.3.6** and **4.3.7**. If the Contractor fails to perform the obligations of Subparagraphs **3.2.1** and **3.2.2**, the Contractor shall pay such costs and damages to the Owner as would have been avoided if

the Contractor had performed such obligations. The Contractor shall not be liable to the Owner or Engineer for damages resulting from errors, inconsistencies or omissions in the Contract Documents or for differences between field measurements or conditions and the Contract Documents unless the Contractor recognized such error, inconsistency, omission or difference and knowingly failed to report it to the Engineer.

3.3 SUPERVISION AND CONSTRUCTION PROCEDURES

3.3.1 The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract, unless the Contract Documents give other specific instructions concerning these matters. If the Contract Documents give specific instructions concerning construction means, methods, techniques, sequences or procedures, the Contractor shall evaluate the jobsite safety thereof and, except as stated below, shall be fully and solely responsible for the jobsite safety of such means, methods, techniques, sequences or procedures. If the Contractor determines that such means, methods, techniques, sequences or procedures may not be safe, the Contractor shall give timely written notice to the Owner and Engineer and shall not proceed with that portion of the Work without further written instructions from the Engineer. If the Contractor is then instructed to proceed with the required means, methods, techniques, sequences or procedures without acceptance of changes proposed by the Contractor, the Owner shall be solely responsible for any resulting loss or damage.

3.3.2 The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors and their agents and employees, and other persons or entities performing portions of the Work for or on behalf of the Contractor or any of its Subcontractors.

3.3.3 The Contractor shall be responsible for inspection of portions of Work already performed to determine that such portions are in proper condition to receive subsequent Work.

3.4 LABOR AND MATERIALS

3.4.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

3.4.2 The Contractor may make substitutions only with the consent of the Owner, after evaluation by the Engineer and in accordance with a Change Order.

3.4.3 The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Contract. The Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them.

3.5 WARRANTY

3.5.1 The Contractor warrants to the Owner and Engineer that materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work will conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse, modifications not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the Engineer, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

3.6 TAX

3.6.1 The Contractor shall pay sales, consumer, use and similar taxes for the Work provided by the Contractor which are legally enacted when bids are received or negotiations concluded, whether or not yet effective or merely scheduled to go into effect.

3.7 PERMITS, FEES AND NOTICES

3.7.1 Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for the building permit and other permits and governmental fees, licenses and inspections necessary for proper execution and completion of the Work which are customarily secured after execution of the Contract and which are legally required when bids are received or negotiations concluded.

3.7.2 The Contractor shall comply with and give notices required by laws, ordinances, rules, regulations and lawful orders of public authorities applicable to performance of the Work.

3.7.3 It is not the Contractor's responsibility to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, building codes, and rules and regulations. However, if the Contractor observes that portions of the Contract Documents are at variance therewith, the Contractor shall promptly notify the Engineer and Owner in writing, and necessary changes shall be accomplished by appropriate Modification.

3.7.4 If the Contractor performs Work knowing it to be contrary to laws, statutes, ordinances, building codes, and rules and regulations without such notice to the Engineer and Owner, the Contractor shall assume appropriate responsibility for such Work and shall bear the costs attributable to correction.

3.8 ALLOWANCES

3.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the Owner may direct, but the Contractor shall not be required to employ persons or entities to whom the Contractor has reasonable objection.

3.8.2 Unless otherwise provided in the Contract Documents:

- .1** allowances shall cover the cost to the Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;
- .2** Contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profit and other expenses contemplated for stated allowance amounts shall be included in the Contract Sum but not in the allowances;
- .3** whenever costs are more than or less than allowances, the Contract Sum shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect (1) the difference between actual costs and the allowances under Clause **3.8.2.1** and (2) changes in Contractor's costs under Clause **3.8.2.2**.

3.8.3 Materials and equipment under an allowance shall be selected by the Owner in sufficient time to avoid delay in the Work.

3.9 SUPERINTENDENT

3.9.1 The Contractor shall employ competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The superintendent shall represent the Contractor, and communications given to the superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be similarly confirmed on written request in each case.

3.10 CONTRACTOR'S CONSTRUCTION SCHEDULES

3.10.1 The Contractor, promptly after being awarded the Contract, shall prepare and submit for prior approval by Owner and Engineer Contractor's construction schedule for the Work. The schedule shall not exceed time limits current under the Contract Documents, shall be revised at appropriate intervals as required by the conditions of the Work and Project, shall be related to the entire Project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the Work.

3.10.2 The Contractor shall prepare and keep current, for the Engineer's approval, a schedule of submittals which is coordinated with the Contractor's construction schedule and allows the Engineer reasonable time to review submittals.

3.10.3 The Contractor shall perform the Work in general accordance with the most recent schedules submitted to the Owner and Engineer.

3.11 DOCUMENTS AND SAMPLES AT THE SITE

3.11.1 The Contractor shall maintain at the site for the Owner one record copy of the Drawings, Specifications, Addenda, Change Orders and other Modifications, in good order and marked currently to record field changes and selections made during construction, and one record copy of approved Shop Drawings, Product Data, Samples and similar required submittals. These shall be available to the Engineer and shall be delivered to the Engineer for submittal to the Owner upon completion of the Work.

3.12 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

3.12.1 Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the Work by the Contractor or a Subcontractor, Sub-Subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

3.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

3.12.3 Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

3.12.4 Shop Drawings, Product Data, Samples, and similar submittals are not Contract Documents. The purpose of their submittal is to demonstrate for those portions of the Work for which submittals are required by the Contract Documents the way by which the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents. Review by the Engineer is subject to the limitations of Subparagraph 4.2.7. Informational submittals upon which the Engineer is not expected to take responsive action may be so identified in the Contract Documents. Submittals which are not required by the Contract Documents may be returned by the Engineer without action.

3.12.5 The Contractor shall review for compliance with the Contract Documents, approve and submit to the Engineer Shop Drawings, Product Data, Samples, and similar submittals required by the Contract Documents with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the Owner or of separate Contractors. Submittals which are not marked as reviewed for compliance with the Contract Documents and approved by the Contractor may be returned by the Engineer without action.

3.12.6 By approving and submitting Shop Drawings, Product Data, Samples, and similar submittals, the Contractor represents that the Contractor has determined and verified materials, field measurements and field construction criteria related thereto, or will do so, and has checked and coordinated the information

contained within such submittals with the requirements of the Work and of the Contract Documents.

3.12.7 The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples, or similar submittals until the respective submittal has been approved by the Engineer.

3.12.8 The Work shall be in accordance with approved submittals except that the Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Engineer's approval of Shop Drawings, Product Data, Samples, or similar submittals unless the Contractor has specifically informed the Engineer in writing of such deviation at the time of submittal and (1) the Engineer has given written approval to the specific deviation as a minor change in the Work, or (2) a Change Order or Construction Change Directive has been issued authorizing the deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals by the Engineer's approval thereof.

3.12.9 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples, or similar submittals, to revisions other than those requested by the Engineer on previous submittals. In the absence of such written notice the Engineer's approval of a resubmission shall not apply to such revisions.

3.12.10 The Contractor shall not be required to provide professional services which constitute the practice of Engineerure or engineering unless such services are specifically required by the Contract Documents for a portion of the Work or unless the Contractor needs to provide such services in order to carry out the Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. The Contractor shall not be required to provide professional services in violation of applicable law. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of the Contractor by the Contract Documents, the Owner and the Engineer will specify all performance and design criteria that such services must satisfy. The Contractor shall cause such services or certifications to be provided by a properly licensed design professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to the Engineer. The Owner and the Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided the Owner and Engineer have specified to the Contractor all performance and design criteria that such services must satisfy. Pursuant to this Subparagraph **3.12.10**, the Engineer will review, approve or take other appropriate action on submittals only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

3.13 USE OF SITE

3.13.1 The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents and shall not unreasonably encumber the site with materials or equipment.

3.14 CUTTING AND PATCHING

3.14.1 The Contractor shall be responsible for cutting, fitting or patching required to complete the Work or to make its parts fit together properly.

3.14.2 The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the Owner or separate Contractors by cutting, patching or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter such construction by the

Owner or a separate Contractor except with written consent of the Owner and of such separate Contractor; such consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold from the Owner or a separate Contractor the Contractor's consent to cutting or otherwise altering the Work.

3.15 CLEANING UP

3.15.1 The Contractor shall keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by operations under the Contract. At completion of the Work, the Contractor shall remove from and about the Project waste materials, rubbish, the Contractor's tools, construction equipment, machinery and surplus materials.

3.15.2 If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and the cost thereof shall be charged to the Contractor.

3.16 ACCESS TO WORK

3.16.1 The Contractor shall provide the Owner and Engineer access to the Work in preparation and progress wherever located.

3.17 ROYALTIES, PATENTS AND COPYRIGHTS

3.17.1 The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of copyrights and patent rights and shall hold the Owner and Engineer harmless from loss on account thereof, but shall not be responsible for such defense or loss when a particular design, process or product of a particular manufacturer or manufacturers is required by the Contract documents or where the copyright violations are contained in Drawings, Specifications or other documents prepared by the Owner or Engineer. However, if the Contractor has reason to believe that the required design, process or product is an infringement of a copyright or a patent, the Contractor shall be responsible for such loss unless such information is promptly furnished to the Engineer.

3.18 INDEMNIFICATION

3.18.1 To the fullest extent permitted by law and to the extent claims, damages, losses or expenses are not covered by Project Management Protective Liability insurance purchased by the Contractor in accordance with Article 11, the Contractor shall indemnify and hold harmless the Owner, Engineer, Engineer's consultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this Paragraph **3.18**.

3.18.2 In claims against any person or entity indemnified under this Paragraph **3.18** by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under Subparagraph **3.18.1** shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

ARTICLE 4 ADMINISTRATION OF THE CONTRACT

4.1 ENGINEER

4.1.1 The Engineer is the person lawfully licensed to practice Engineerure or an entity lawfully practicing Engineerure identified as such in the Agreement and is referred to throughout the Contract Documents as

if singular in number. The term "Engineer" means the Engineer or the Engineer's authorized representative.

4.1.2 Duties, responsibilities and limitations of authority of the Engineer as set forth in the Contract Documents shall not be restricted, modified or extended without written consent of the Owner, Contractor and Engineer. Consent shall not be unreasonably withheld.

4.1.3 If the employment of the Engineer is terminated, the Owner shall employ a new Engineer against whom the Contractor has no reasonable objection and whose status under the Contract Documents shall be that of the former Engineer.

4.2 ENGINEER'S ADMINISTRATION OF THE CONTRACT

4.2.1 The Engineer will provide administration of the Contract as described in the Contract Documents, and will be an Owner's representative (1) during construction, (2) until final payment is due and (3) with the Owner's concurrence, from time to time during the one-year period for correction of Work described in Paragraph **12.2**. The Engineer will have authority to act on behalf of the Owner only to the extent provided in the Contract Documents, unless otherwise modified in writing in accordance with other provisions of the Contract.

4.2.2 The Engineer, as a representative of the Owner, will visit the site at intervals appropriate to the stage of the Contractor's operations (1) to become generally familiar with and to keep the Owner informed about the progress and quality of the portion of the Work completed, (2) to endeavor to guard the Owner against defects and deficiencies in the Work, and (3) to determine in general if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Engineer will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. The Engineer will neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences or procedures, or for the safety precautions and programs in connection with the Work, since these are solely the Contractor's rights and responsibilities under the Contract Documents, except as provided in Subparagraph **3.3.1**.

4.2.3 The Engineer will not be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Engineer will not have control over or charge of and will not be responsible for acts or omissions of the Contractor, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work.

4.2.4 Communications Facilitating Contract Administration. Except as otherwise provided in the Contract Documents or when direct communications have been specially authorized, the Owner and Contractor shall endeavor to communicate with each other through the Engineer about matters arising out of or relating to the Contract. Communications by and with the Engineer's consultants shall be through the Engineer. Communications by and with Subcontractors and material suppliers shall be through the Contractor. Communications by and with separate Contractors shall be through the Owner.

4.2.5 Based on the Engineer's evaluations of the Contractor's Applications for Payment, the Engineer will review and certify the amounts due the Contractor and will issue Certificates for Payment in such amounts.

4.2.6 The Engineer will have authority to reject Work that does not conform to the Contract Documents. Whenever the Engineer considers it necessary or advisable, the Engineer will have authority to require inspection or testing of the Work in accordance with Subparagraphs **13.5.2** and **13.5.3**, whether or not such Work is fabricated, installed or completed. However, neither this authority of the Engineer nor a

decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Engineer to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees, or other persons or entities performing portions of the Work.

4.2.7 The Engineer will review and approve or take other appropriate action upon the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Engineer's action will be taken with such reasonable promptness as to cause no delay in the Work or in the activities of the Owner, Contractor or separate Contractors, while allowing sufficient time in the Engineer's professional judgment to permit adequate review. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Contractor as required by the Contract Documents. The Engineer's review of the Contractor's submittals shall not relieve the Contractor of the obligations under Paragraphs **3.3**, **3.5** and **3.12**. The Engineer's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the Engineer, of any construction means, methods, techniques, sequences or procedures. The Engineer's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

4.2.8 The Engineer will prepare Change Orders and Construction Change Directives, and may authorize minor changes in the Work as provided in Paragraph **7.4**.

4.2.9 The Engineer will conduct inspections to determine the date or dates of Substantial Completion and the date of final completion, will receive and forward to the Owner, for the Owner's review and records, written warranties and related documents required by the Contract and assembled by the Contractor, and will issue a final Certificate for Payment upon compliance with the requirements of the Contract Documents.

4.2.10 If the Owner and Engineer agree, the Engineer will provide one or more project representatives to assist in carrying out the Engineer's responsibilities at the site. The duties, responsibilities and limitations of authority of such project representatives shall be as set forth in an exhibit to be incorporated in the Contract Documents.

4.2.11 The Engineer will interpret and decide matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Engineer's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness. If no agreement is made concerning the time within which interpretations required of the Engineer shall be furnished in compliance with this Paragraph **4.2**, then delay shall not be recognized on account of failure by the Engineer to furnish such interpretations until **15** days after written request is made for them.

4.2.12 Interpretations and decisions of the Engineer will be consistent with the intent of and reasonably inferable from the Contract Documents and will be in writing or in the form of drawings. When making such interpretations and initial decisions, the Engineer will endeavor to secure faithful performance by both Owner and Contractor, will not show partiality to either and will not be liable for results of interpretations or decisions so rendered in good faith.

4.2.13 The Engineer's decisions on matters relating to aesthetic effect will be final if consistent with the intent expressed in the Contract Documents.

4.3 CLAIMS AND DISPUTES

4.3.1 Definition. A Claim is a demand or assertion by one of the parties seeking, as a matter of right,

adjustment or interpretation of Contract terms, payment of money, extension of time or other relief with respect to the terms of the Contract. The term "Claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the Contract. Claims must be initiated by written notice. The responsibility to substantiate claims shall rest with the party making the Claim.

~~4.3.2 Time Limits on Claims. Claims by either party must be initiated within 21 days after occurrence of the event giving rise to such Claim or within 21 days after the claimant first recognizes the condition giving rise to the Claim, whichever is later. Claims must be initiated by written notice to the Engineer and the other party.~~

~~4.3.3 Continuing Contract Performance. Pending final resolution of a Claim except as otherwise agreed in writing or as provided in Subparagraph 9.7.1 and Article 14, the Contractor shall proceed diligently with performance of the Contract and the Owner shall continue to make payments in accordance with the Contract Documents.~~

~~4.3.4 Claims for Concealed or Unknown Conditions. If conditions are encountered at the site which are (1) subsurface or otherwise concealed physical conditions which differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, then notice by the observing party shall be given to the other party promptly before Conditions are disturbed and in no event later than 21 days after first observance of the conditions. The Engineer will promptly investigate such conditions and, if they differ materially and cause an increase or decrease in the Contractor's cost of, or time required for, performance of any part of the Work, will recommend an equitable adjustment in the Contract Sum or Contract Time, or both. If the Engineer determines that the conditions at the site are not materially different from those indicated in the Contract Documents and that no change in the terms of the Contract is justified, the Engineer shall so notify the Owner and Contractor in writing, stating the reasons. Claims by either party in opposition to such determination must be made within 21 days after the Engineer has given notice of the decision. If the conditions encountered are materially different, the Contract Sum and Contract Time shall be equitably adjusted, but if the Owner and Contractor cannot agree on an adjustment in the Contract Sum or Contract Time, the adjustment shall be referred to the Engineer for initial determination, subject to further proceedings pursuant to Paragraph 4.4.~~

~~4.3.5 Claims for Additional Cost. If the Contractor wishes to make Claim for an increase in the Contract Sum, written notice as provided herein shall be given before proceeding to execute the Work. Prior notice is not required for Claims relating to an emergency endangering life or property arising under Paragraph 10.6.~~

~~4.3.6 If the Contractor believes additional cost is involved for reasons including but not limited to (1) a written interpretation from the Engineer, (2) an order by the Owner to stop the Work where the Contractor was not at fault, (3) a written order for a minor change in the Work issued by the Engineer, (4) failure of payment by the Owner, (5) termination of the Contract by the Owner, (6) Owner's suspension or (7) other reasonable grounds, Claim shall be filed in accordance with this Paragraph 4.3.~~

~~4.3.7 CLAIMS FOR ADDITIONAL TIME~~

~~4.3.7.1 If the Contractor wishes to make Claim for an increase in the Contract Time, written notice as provided herein shall be given. The Contractor's Claim shall include an estimate of cost and of probable effect of delay on progress of the Work. In the case of a continuing delay only one Claim is necessary.~~

~~4.3.7.2 If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating that weather conditions were abnormal for the period of time, could not have been reasonably anticipated and had an adverse effect on the scheduled construction.~~

~~4.3.8 Injury or Damage to Person or Property. If either party to the Contract suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, written notice of such injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding 21 days after discovery. The notice shall provide sufficient detail to enable the other party to investigate the matter.~~

~~4.3.9 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if quantities originally contemplated are materially changed in a proposed Change Order or Construction Change Directive so that application of such unit prices to quantities of Work proposed will cause substantial inequity to the Owner or Contractor, the applicable unit prices shall be equitably adjusted.~~

~~4.3.10 Claims for Consequential Damages. The Contractor and Owner waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes:~~

- ~~1 damages incurred by the Owner for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and~~
- ~~2 damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit except anticipated profit arising directly from the Work.~~

~~This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with Article 14. Nothing contained in this Subparagraph 4.3.10 shall be deemed to preclude an award of liquidated direct damages, when applicable, in accordance with the requirements of the Contract Documents.~~

ARTICLE 5 SUBCONTRACTORS

5.1 DEFINITIONS

5.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Subcontractor or an authorized representative of the Subcontractor. The term "Subcontractor" does not include a separate Contractor or Subcontractors of a separate Contractor.

5.1.2 A Sub-Subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the site. The term "Sub-Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Sub-Subcontractor or an authorized representative of the Sub-Subcontractor.

5.2 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

5.2.1 Unless otherwise stated in the Contract Documents or the bidding requirements, the Contractor, as soon as practicable after award of the Contract, shall furnish in writing to the Owner through the Engineer the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each principal portion of the Work. The Engineer will promptly reply to the Contractor in writing stating whether or not the Owner or the Engineer, after due investigation, has reasonable objection to any such proposed person or entity. Failure of the Owner or Engineer to reply promptly shall constitute notice of no reasonable objection.

5.2.2 The Contractor shall not contract with a proposed person or entity to whom the Owner or Engineer has made reasonable and timely objection. The Contractor shall not be required to contract with anyone to

whom the Contractor has made reasonable objection.

5.2.3 If the Owner or Engineer has reasonable objection to a person or entity proposed by the Contractor, the Contractor shall propose another to whom the Owner or Engineer has no reasonable objection. If the proposed but rejected Subcontractor was reasonably capable of performing the Work, the Contract Sum and Contract Time shall be increased or decreased by the difference, if any, occasioned by such change, and an appropriate Change Order shall be issued before commencement of the substitute Subcontractor's Work. However, no increase in the Contract Sum or Contract Time shall be allowed for such change unless the Contractor has acted promptly and responsively in submitting names as required.

5.2.4 The Contractor shall not change a Subcontractor, person or entity previously selected if the Owner or Engineer makes reasonable objection to such substitute.

5.3 SUBCONTRACTUAL RELATIONS

5.3.1 By appropriate agreement, written where legally required for validity, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's Work, which the Contractor, by these Documents, assumes toward the Owner and Engineer. Each subcontract agreement shall preserve and protect the rights of the Owner and Engineer under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by the Contract Documents, has against the Owner. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with Sub-Subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the Contract Documents to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement which may be at variance with the Contract Documents. Subcontractors will similarly make copies of applicable portions of such documents available to their respective proposed Sub-Subcontractors.

5.4 CONTINGENT ASSIGNMENT OF SUBCONTRACTS

5.4.1 Each subcontract agreement for a portion of the Work is assigned by the Contractor to the Owner provided that:

- .1** assignment is effective only after termination of the Contract by the Owner for cause pursuant to Paragraph **14.2** and only for those subcontract agreements which the Owner accepts by notifying the Subcontractor and Contractor in writing; and
- .2** assignment is subject to the prior rights of the surety, if any, obligated under bond relating to the Contract.

5.4.2 Upon such assignment, if the Work has been suspended for more than **30** days, the Subcontractor's compensation shall be equitably adjusted for increases in cost resulting from the suspension.

ARTICLE 6 CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS

6.1 OWNER'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

6.1.1 The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and to award separate contracts in connection with other portions of the Project or other construction or operations on the site under Conditions of the Contract identical or substantially similar to these including those portions related to insurance and waiver of subrogation. If the Contractor claims that delay or additional cost is involved because of such action by the Owner, the Contractor shall

make such Claim as provided in Paragraph 4.3.

6.1.2 When separate contracts are awarded for different portions of the Project or other construction or operations on the site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor who executes each separate Owner-Contractor Agreement.

6.1.3 The Owner shall provide for coordination of the activities of the Owner's own forces and of each separate Contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with other separate Contractors and the Owner in reviewing their construction schedules when directed to do so. The Contractor shall make any revisions to the construction schedule deemed necessary after a joint review and mutual agreement. The construction schedules shall then constitute the schedules to be used by the Contractor, separate Contractors and the Owner until subsequently revised.

6.1.4 Unless otherwise provided in the Contract Documents, when the Owner performs construction or operations related to the Project with the Owner's own forces, the Owner shall be deemed to be subject to the same obligations and to have the same rights which apply to the Contractor under the Conditions of the Contract, including, without excluding others, those stated in Article 3, this Article 6 and Articles 10, 11 and 12.

6.2 MUTUAL RESPONSIBILITY

6.2.1 The Contractor shall afford the Owner and separate Contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities, and shall connect and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

6.2.2 If part of the Contractor's Work depends for proper execution or results upon construction or operations by the Owner or a separate Contractor, the Contractor shall, prior to proceeding with that portion of the Work, promptly report to the Engineer apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the Contractor so to report shall constitute an acknowledgment that the Owner's or separate Contractor's completed or partially completed construction is fit and proper to receive the Contractor's Work, except as to defects not then reasonably discoverable.

6.2.3 The Owner shall be reimbursed by the Contractor for costs incurred by the Owner which are payable to a separate Contractor because of delays, improperly timed activities or defective construction of the Contractor. The Owner shall be responsible to the Contractor for costs incurred by the Contractor because of delays, improperly timed activities, damage to the Work, or defective construction of a separate Contractor.

6.2.4 The Contractor shall promptly remedy damage wrongfully caused by the Contractor to completed or partially completed construction or to property of the Owner or separate Contractors as provided in Subparagraph 10.2.5.

6.2.5 The Owner and each separate Contractor shall have the same responsibilities for cutting and patching as are described for the Contractor in Subparagraph 3.14.

6.3 OWNER'S RIGHT TO CLEAN UP

6.3.1 If a dispute arises among the Contractor, separate Contractors and the Owner as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, the Owner may clean up and the Engineer will allocate the cost among those responsible.

ARTICLE 7 CHANGES IN THE WORK – THIS SECTION DOES NOT APPLY TO LAP PROJECTS

7.1 GENERAL

~~7.1.1 Changes in the Work may be accomplished after execution of the Contract, and without invalidating the Contract, by Change Order, Construction Change Directive or order for a minor change in the Work, subject to the limitations stated in this Article 7 and elsewhere in the Contract Documents.~~

~~7.1.2 A Change Order shall be based upon agreement among the Owner, Contractor and Engineer; a Construction Change Directive requires agreement by the Owner and Engineer and may or may not be agreed to by the Contractor; an order for a minor change in the Work may be issued by the Engineer alone.~~

~~7.1.3 Changes in the Work shall be performed under applicable provisions of the Contract Documents, and the Contractor shall proceed promptly, unless otherwise provided in the Change Order, Construction Change Directive or order for a minor change in the Work.~~

7.2 CHANGE ORDERS

~~7.2.1 A Change Order is a written instrument prepared by the Engineer and signed by the Owner, Contractor and Engineer, stating their agreement upon all of the following:~~

- ~~.1 change in the Work;~~
- ~~.2 the amount of the adjustment, if any, in the Contract Sum; and~~
- ~~.3 the extent of the adjustment, if any, in the Contract Time.~~

~~7.2.2 Methods used in determining adjustments to the Contract Sum may include those listed in Subparagraph 7.3.3.~~

7.3 CONSTRUCTION CHANGE DIRECTIVES

~~7.3.1 A Construction Change Directive is a written order prepared by the Engineer and signed by the Owner and Engineer, directing a change in the Work prior to agreement on adjustment, if any, in the Contract Sum or Contract Time, or both. The Owner may by Construction Change Directive, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, the Contract Sum and Contract Time being adjusted accordingly.~~

~~7.3.2 A Construction Change Directive shall be used in the absence of total agreement on the terms of a Change Order.~~

~~7.3.3 If the Construction Change directive provides for an adjustment to the Contract Sum, the adjustment shall be based on one of the following methods:~~

- ~~.1 mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;~~
- ~~.2 unit prices stated in the Contract Documents or subsequently agreed upon;~~
- ~~.3 cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage fee; or~~
- ~~.4 as provided in Subparagraph 7.3.6.~~

~~7.3.4 Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Engineer of the Contractor's agreement or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time.~~

~~7.3.5~~ A Construction Change Directive signed by the Contractor indicates the agreement of the Contractor therewith, including adjustment in Contract Sum and Contract Time or the method for determining them. Such agreement shall be effective immediately and shall be recorded as a Change Order.

~~7.3.6~~ If the Contractor does not respond promptly or disagrees with the method for adjustment in the Contract Sum, the method and the adjustment shall be determined by the Engineer on the basis of reasonable expenditures and savings of those performing the Work attributable to the change, including, in case of an increase in the Contract Sum, a reasonable allowance for overhead and profit. In such case, and also under Clause ~~7.3.3.3~~, the Contractor shall keep and present, in such form as the Engineer may prescribe, an itemized accounting together with appropriate supporting data. Unless otherwise provided in the Contract Documents, costs for the purposes of this Subparagraph ~~7.3.6~~ shall be limited to the following:

- ~~1~~ costs of labor, including social security, old age and unemployment insurance, fringe benefits required by agreement or custom, and workers' compensation insurance;
- ~~2~~ costs of materials, supplies and equipment, including cost of transportation, whether incorporated or consumed;
- ~~3~~ rental costs of machinery and equipment, exclusive of hand tools, whether rented from the Contractor or others;
- ~~4~~ costs of premiums for all bonds and insurance, permit fees, and sales, use or similar taxes related to the Work; and
- ~~5~~ additional costs of supervision and field office personnel directly attributable to the change.

~~7.3.7~~ The amount of credit to be allowed by the Contractor to the Owner for a deletion or change which results in a net decrease in the Contract Sum shall be actual net cost as confirmed by the Engineer. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase, if any, with respect to that change.

~~7.3.8~~ Pending final determination of the total cost of a Construction Change Directive to the Owner, amounts not in dispute for such changes in the Work shall be included in Applications for Payment accompanied by a Change Order indicating the parties' agreement with part or all of such costs. For any portion of such cost that remains in dispute, the Engineer will make an interim determination for purposes of monthly certification for payment for those costs. That determination of cost shall adjust the Contract Sum on the same basis as a Change Order, subject to the right of either party to disagree and assert a claim in accordance with Article 4.

~~7.3.9~~ When the Owner and Contractor agree with the determination made by the Engineer concerning the adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and shall be recorded by preparation and execution of an appropriate Change Order.

~~7.4~~ **MINOR CHANGES IN THE WORK**

~~7.4.1~~ The Engineer will have authority to order minor changes in the Work not involving adjustment in the Contract Sum or extension of the Contract Time and not inconsistent with the intent of the Contract Documents. Such changes shall be effected by written order and shall be binding on the Owner and Contractor. The Contractor shall carry out such written orders promptly.

ARTICLE 8 TIME

8.1 DEFINITIONS

8.1.1 Unless otherwise provided, Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work.

8.1.2 The date of commencement of the Work is the date established in the Agreement. The date shall not be postponed by the failure to act of the Contractor or of persons or entities for whom the Contractor is responsible.

8.1.3 The date of Substantial Completion is the date certified by the Engineer in accordance with Paragraph **9.8**.

8.1.4 The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

8.2 PROGRESS AND COMPLETION

8.2.1 Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement the Contractor confirms that the Contract Time is a reasonable period for performing the work.

8.2.2 The Contractor shall not knowingly, except by agreement or instruction of the Owner in writing, prematurely commence operations on the site or elsewhere prior to the effective date of insurance required by Article **11** to be furnished by the Contractor and Owner. The date of commencement of the Work shall not be changed by the effective date of such insurance. Unless the date of commencement is established by the Contract Documents or a notice to proceed given by the Owner, the Contractor shall notify the Owner in writing not less than five days or other agreed period before commencing the Work to permit the timely filing of mortgages, mechanic's liens and other security interests.

8.2.3 The Contractor shall proceed with the project expeditiously and continuously with adequate forces and shall achieve Substantial Completion within the Contract Time. Contractor shall progress with and maintain continuous construction even if construction is ahead of the approved construction schedule. If the percentage dollar value of the completed work is 15% or more below the dollar value of work that should have been completed in accordance with the approved construction schedule, further payment under this contract to Contractor shall be suspended until the percentage dollar value of completed work is within 5% of the dollar value of work that should have been completed in accordance with the approved construction schedule.

8.3 DELAYS AND EXTENSIONS OF TIME

8.3.1 If the Contractor is delayed at any time in the commencement or progress of the Work by an act or neglect of the Owner or Engineer, or of an employee of either, or of a separate Contractor employed by the Owner, or by changes ordered in the Work, or by labor disputes, fire, unusual delay in deliveries; unavoidable casualties or other causes beyond the Contractor's control, then the Contract Time shall be extended by Change Order for such reasonable time as the Engineer may determine.

8.3.2 Claims relating to time shall be made in accordance with applicable provisions of Paragraph **4.3**.

ARTICLE 9 PAYMENTS AND COMPLETION

9.1 CONTRACT SUM

9.1.1 The Contract Sum is stated in the Agreement and, including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

9.2 SCHEDULE OF VALUES

9.2.1 Before the first Application for Payment, the Contractor shall submit to the Engineer a schedule of values allocated to various portions of the Work, prepared in such form and supported by such data to

substantiate its accuracy as the Engineer may require. This schedule, unless objected to by the Engineer, shall be used as a basis for reviewing the Contractor's Applications for Payment.

9.3 APPLICATIONS FOR PAYMENT

9.3.1 At least ten days before the date established for each progress payment, the Contractor shall submit to the Engineer an itemized Application for Payment for operations completed in accordance with the schedule of values. Such application shall be notarized, if required, and supported by such data substantiating the Contractor's right to payment as the Owner or Engineer may require, such as copies of requisitions from Subcontractors and material suppliers, and reflecting retainage if provided for in the Contract Documents.

9.3.1.1 As provided in Subparagraph 7.3.8, such applications may include requests for payment on account of changes in the Work which have been properly authorized by Construction Change Directives, or by interim determination of the Engineer, but not yet included in Change Orders.

9.3.1.2 Such applications may not include requests for payment for portions of the Work for which the Contractor does not intend to pay to a Subcontractor or material supplier, unless such Work has been performed by others whom the Contractor intends to pay.

9.3.2 Unless otherwise provided in the Contract Documents, payments shall be made on account of materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work. If approved in advance by the Owner, payment may similarly be made for materials and equipment suitably stored off the site at a location agreed upon in writing. Payment for materials and equipment stored on or off the site shall be conditioned upon compliance by the Contractor with procedures satisfactory to the Owner to establish the Owner's title to such materials and equipment or otherwise protect the Owner's interest, and shall include the costs of applicable insurance, storage and transportation to the site for such materials and equipment stored off the site.

9.3.3 The Contractor warrants that title to all Work covered by an Application for Payment will pass to the Owner no later than the time of payment. The Contractor further warrants that upon submittal of an Application for Payment all Work for which Certificates for Payment have been previously issued and payments received from the Owner shall, to the best of the Contractor's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrances in favor of the Contractor, Subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials and equipment relating to the Work.

9.4 CERTIFICATES FOR PAYMENT

9.4.1 The Engineer will, within seven days after receipt of the Contractor's Application for Payment, either issue to the Owner a Certificate for Payment, with a copy to the Contractor, for such amount as the Engineer determines is properly due, or notify the Contractor and Owner in writing of the Engineer's reasons for withholding certification in whole or in part as provided in Subparagraph 9.5.1.

9.4.2 The issuance of a Certificate for Payment will constitute a representation by the Engineer to the Owner, based on the Engineer's evaluation of the Work and the data comprising the Application for Payment, that the Work has progressed to the point indicated and that, to the best of the Engineer's knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to correction of minor deviations from the Contract Documents prior to completion and to specific qualifications expressed by the Engineer. The issuance of a Certificate for Payment will further constitute a representation that the Contractor is entitled to payment in the amount certified. However, the issuance of a Certificate for Payment will not be a representation that the Engineer has (1) made exhaustive or

continuous on-site inspections to check the quality or quantity of the Work, (2) reviewed construction means, methods, techniques, sequences or procedures, (3) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the Owner to substantiate the Contractor's right to payment, or (4) made examination to ascertain how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

9.5 DECISIONS TO WITHHOLD CERTIFICATION

9.5.1 The Engineer may withhold a Certificate for Payment in whole or in part, to the extent reasonably necessary to protect the Owner, if in the Engineer's opinion the representations to the Owner required by Subparagraph **9.4.2** cannot be made. If the Engineer is unable to certify payment in the amount of the Application, the Engineer will notify the Contractor and Owner as provided in Subparagraph **9.4.1**. If the Contractor and Engineer cannot agree on a revised amount, the Engineer will promptly issue a Certificate for Payment for the amount for which the Engineer is able to make such representations to the Owner. The Engineer may also withhold a Certificate for Payment or, because of subsequently discovered evidence, may nullify the whole or a part of a Certificate for Payment previously issued, to such extent as may be necessary in the Engineer's opinion to protect the Owner from loss for which the Contractor is responsible, including loss resulting from acts and omissions described in Subparagraph **3.3.2**, because of:

- .1** defective Work not remedied;
- .2** third party claims filed or reasonable evidence indicating probable filing of such claims unless security acceptable to the Owner is provided by the Contractor;
- .3** failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment;
- .4** reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;
- .5** damage to the Owner or another Contractor;
- .6** reasonable evidence that the Work will not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay; or
- .7** persistent failure to carry out the Work in accordance with the Contract Documents.

9.5.2 When the above reasons for withholding certification are removed, certification will be made for amounts previously withheld.

9.6 PROGRESS PAYMENTS

9.6.1 After the Engineer has issued a Certificate for Payment, the Owner shall make payment in the manner and within the time provided in the Contract Documents, and shall so notify the Engineer.

9.6.2 The Contractor shall promptly pay each Subcontractor, upon receipt of payment from the Owner, out of the amount paid to the Contractor on account of such Subcontractor's portion of the Work, the amount to which said Subcontractor is entitled, reflecting percentages actually retained from payments to the Contractor on account of such Subcontractor's portion of the Work. The Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to Subcontractors in a similar manner.

9.6.3 The Engineer will, on request, furnish to a Subcontractor, if practicable, information regarding percentages of completion or amounts applied for by the Contractor and action taken thereon by the Engineer and Owner on account of portions of the Work done by such Subcontractor.

9.6.4 Neither the Owner nor Engineer shall have an obligation to pay or to see to the payment of money to a Subcontractor except as may otherwise be required by law.

9.6.5 Payment to material suppliers shall be treated in a manner similar to that provided in Subparagraphs **9.6.2, 9.6.3** and **9.6.4**.

9.6.6 A Certificate for Payment, a progress payment, or partial or entire use or occupancy of the Project by the Owner shall not constitute acceptance of Work not in accordance with the Contract Documents.

9.6.7 Unless the Contractor provides the Owner with a payment bond in the full penal sum of the Contract Sum, payments received by the Contractor for Work properly performed by Subcontractors and suppliers shall be held by the Contractor for those Subcontractors or suppliers who performed Work or furnished materials, or both, under contract with the Contractor for which payment was made by the Owner. Nothing contained herein shall require money to be placed in a separate account and not commingled with money of the Contractor, shall create any fiduciary liability or tort liability on the part of the Contractor for breach of trust or shall entitle any person or entity to an award of punitive damages against the Contractor for breach of the requirements of this provision.

9.7 FAILURE OF PAYMENT

9.7.1 If the Engineer does not issue a Certificate for Payment, through no fault of the Contractor, within seven days after receipt of the Contractor's Application for Payment, or if the Owner does not pay the Contractor within seven days after the date established in the Contract Documents the amount certified by the Engineer or awarded by arbitration, then the Contractor may, upon seven additional days' written notice to the Owner and Engineer, stop the Work until payment of the amount owing has been received. The Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shut-down, delay and start-up, plus interest as provided for in the Contract Documents.

9.8 SUBSTANTIAL COMPLETION

9.8.1 Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use.

9.8.2 When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Engineer a comprehensive list of items to be completed or corrected prior to final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

9.8.3 Upon receipt of the Contractor's list, the Engineer will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the Engineer's inspection discloses any item, whether or not included on the Contractor's list, which is not sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall, before issuance of the Certificate of Substantial Completion, complete or correct such item upon notification by the Engineer. In such case, the Contractor shall then submit a request for another inspection by the Engineer to determine Substantial Completion.

9.8.4 When the Work or designated portion thereof is substantially complete, the Engineer will prepare a Certificate of Substantial Completion which shall establish the date of Substantial Completion, shall establish responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance, and shall fix the time within which the Contractor shall finish all items on the list accompanying the Certificate, Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion.

9.8.5 The Certificate of Substantial Completion shall be submitted to the Owner and Contractor for their written acceptance of responsibilities assigned to them in such Certificate. Upon such acceptance and consent of surety, if any, the Owner shall make payment of retainage applying to such Work or designated portion thereof. Such payment shall be adjusted for Work that is incomplete or not in accordance with the requirements of the Contract Documents.

9.9 PARTIAL OCCUPANCY OR USE

9.9.1 The Owner may occupy or use any completed or partially completed portion of the Work at any stage when such portion is designated by separate agreement with the Contractor, provided such occupancy or use is consented to by the insurer as required under Article 11 and authorized by public authorities having jurisdiction over the Work. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the Owner and Contractor have accepted in writing the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, heat, utilities, damage to the Work and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When the Contractor considers a portion substantially complete, the Contractor shall prepare and submit a list to the Engineer as provided under Subparagraph 9.8.2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld. The stage of the progress of the Work shall be determined by written agreement between the Owner and Contractor or, if no agreement is reached, by decision of the Engineer.

9.9.2 Immediately prior to such partial occupancy or use, the Owner, Contractor and Engineer shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

9.9.3 Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

9.10 FINAL COMPLETION AND FINAL PAYMENT

9.10.1 Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Engineer will promptly make such inspection and, when the Engineer finds the Work acceptable under the Contract Documents and the Contract fully performed, the Engineer will promptly issue a final Certificate for Payment stating that to the best of the Engineer's knowledge, information and belief, and on the basis of the Engineer's on-site visits and inspections, the Work has been completed in accordance with terms and conditions of the Contract Documents and that the entire balance found to be due the Contractor and noted in the final Certificate is due and payable. The Engineer's final Certificate for Payment will constitute a further representation that conditions listed in Subparagraph 9.10.2 as precedent to the Contractor's being entitled to final payment have been fulfilled.

9.10.2 Neither final payment nor any remaining retained percentage shall become due until the Contractor submits to the Engineer (1) an affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or the Owner's property might be responsible or encumbered (less amounts withheld by Owner) have been paid or otherwise satisfied, (2) a certificate evidencing that insurance required by the Contract Documents to remain in force after final payment is currently in effect and will not be canceled or allowed to expire until at least 30 days' prior written notice has been given to the Owner, (3) a written statement that the Contractor knows of no substantial reason that the insurance will not be renewable to cover the period required by the Contract Documents, (4) consent of surety, if any, to final payment and (5), if required by the Owner, other data establishing payment or satisfaction of obligations, such as receipts, releases and waivers of liens, claims, security interests or encumbrances arising out of the Contract, to the extent and in such form as may be designated by the Owner. If a Subcontractor refuses to furnish a release or waiver required by the Owner,

the Contractor may furnish a bond satisfactory to the Owner to indemnify the Owner against such lien. If such lien remains unsatisfied after payments are made, the Contractor shall refund to the Owner all money that the Owner may be compelled to pay in discharging such lien, including all costs and reasonable attorneys' fees.

9.10.3 If, after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the Contractor or by issuance of Change Orders affecting final completion, and the Engineer so confirms, the Owner shall, upon application by the Contractor and certification by the Engineer, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Engineer prior to certification of such payment. Such payment shall be made under terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

9.10.4 The making of final payment shall constitute a waiver of Claims by the Owner except those arising from:

- .1 liens, claims, security interests or encumbrances arising out of the Contract and unsettled;
- .2 failure of the Work to comply with the requirements of the Contract Documents; or
- .3 terms of special warranties required by the Contract Documents.

9.10.5 Acceptance of final payment by the Contractor, a Subcontractor or material supplier shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of final Application for Payment.

ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY

10.1 SAFETY PRECAUTIONS AND PROGRAMS

10.1.1 The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract.

10.2 SAFETY OF PERSONS AND PROPERTY

10.2.1 The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to:

- .1 employees on the Work and other persons who may be affected thereby;
- .2 the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-Subcontractors; and
- .3 other property at the site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

10.2.2 The Contractor shall give notices and comply with applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.

10.2.3 The Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent sites and utilities.

10.2.4 When use or storage of explosives or other hazardous materials or equipment or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel.

10.2.5 The Contractor shall promptly remedy damage and loss (other than damage or loss insured under property insurance required by the Contract Documents) to property referred to in Clauses **10.2.1.2** and **10.2.1.3** caused in whole or in part by the Contractor, a Subcontractor, a Sub-Subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible under Clauses **10.2.1.2** and **10.2.1.3**, except damage or loss attributable to acts or omissions of the Owner or Engineer or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to the Contractor's obligations under Paragraph **3.18**.

10.2.6 The Contractor shall designate a responsible member of the Contractor's organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Owner and Engineer.

10.2.7 The Contractor shall not load or permit any part of the construction or site to be loaded so as to endanger its safety.

10.3 EMERGENCIES

10.3.1 In an emergency affecting safety of persons or property, the Contractor shall act, at the Contractor's discretion, to prevent threatened damage, injury or loss. Additional compensation or extension of time claimed by the Contractor on account of an emergency shall be determined as provided in Paragraph **4.3** and Article 7.

ARTICLE 11 INSURANCE AND BONDS

11.1 CONTRACTOR'S LIABILITY INSURANCE

11.1.1 The Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located such insurance as will protect the Contractor from claims set forth below which may arise out of or result from the Contractor's operations under the Contract and for which the Contractor may be legally liable, whether such operations be by the Contractor or by a Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

- .1** claims under workers' compensation, disability benefit and other similar employee benefit acts which are applicable to the Work to be performed;
- .2** claims for damages because of bodily injury, occupational sickness or disease, or death of the Contractor's employees;
- .3** claims for damages because of bodily injury, sickness or disease, or death of any person other than the Contractor's employees;
- .4** claims for damages insured by usual personal injury liability coverage;
- .5** claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
- .6** claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle;
- .7** claims for bodily injury or property damage arising out of completed operations; and
- .8** claims involving contractual liability insurance applicable to the Contractor's obligations under Paragraph **3.18**.

11.1.2 The insurance required by Subparagraph **11.1.1** shall be written for not less than limits of liability specified in the Contract Documents or required by law, whichever coverage is greater. Coverages, whether written on an occurrence or claims-made basis, shall be maintained without interruption from date of commencement of the Work until date of final payment and termination of any coverage required to be maintained after final payment.

11.1.3 Certificates of insurance acceptable to the Owner shall be filed with the Owner prior to commencement of the Work. These certificates and the insurance policies required by this Paragraph **11.1** shall contain a provision that coverages afforded under the policies will not be canceled or allowed to expire until at least **30** days prior written notice has been given to the Owner. If any of the foregoing insurance coverages are required to remain in force after final payment and are reasonably available, an additional certificate evidencing continuation of such coverage shall be submitted with the final Application for Payment as required by Subparagraph **9.10.2**. Information concerning reduction of coverage on account of revised limits or claims paid under the General Aggregate, or both, shall be furnished by the Contractor with reasonable promptness in accordance with the Contractor's information and belief.

11.2 INDEMNIFICATION AND INSURANCE

11.2.1. Contractor agrees to save harmless, indemnify, and defend Owner and its, agents, officers and employees from any and all claims, losses, penalties, interest, demands, judgments, and costs of suit, including attorneys fees and paralegals' fees, for any expense, damage or liability incurred by any of them, whether for personal injury, death, property damage, direct or consequential damages, or economic loss, including environmental impairment, arising directly or indirectly on account of or in connection with the work done by Contractor under this agreement or by any person, firm or corporation (including but not limited to the Engineer/engineer) to whom any portion of the work is subcontracted by Contractor or resulting from the use by Contractor, or by any one for whom Contractor is legally liable, of any materials, tools, machinery or other property of Owner. Owner and Contractor agree the first \$100.00 of the contract amount paid by Owner to Contractor shall be given as separate consideration for this indemnification, and any other indemnification of Owner by Contractor provided for within the Contract Documents, the sufficiency of such separate consideration being acknowledged by Contractor by Contractor's acceptance and execution of the agreement. The Contractor's obligation shall not be limited by, or in any way to, any insurance coverage or by any provision in or exclusion or omission from any policy of insurance. The Contractor agrees to pay on behalf of Santa Rosa County, as well as provide a legal defense for the Owner, both of which will be done only if and when requested by the Owner, for all claims made. Such payment on the behalf of the Owner shall be in addition to any and all other legal remedies available to the Owner and shall not be considered to be the Owner's exclusive remedy.

11.2.2. Contractor shall obtain and carry, at all times during its performance under the Contract Documents, insurance of the types and in the amounts set forth in Article **11**. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and/or responsible risk retention group insurance companies or trusts which are registered with the State of Florida. Foreign or offshore insurance carriers are not acceptable for work under this contract unless admitted to the State of Florida. All commercial insurance carriers providing the Contractor with required insurance shall be "A" (excellent) rated with a minimum financial size category of "IX", according to the A. M. Best Key Rating Guide, latest edition. Within ten (10) calendar days after notice of award is received by Contractor and prior to the commencement of work, Contractor shall provide Owner with properly executed certificates of insurance to evidence Contractor's compliance with the insurance requirements of the Contract Documents. Said certificates of insurance shall be on forms approved by Owner, such as "Acord Form 25". The certificates of insurance shall be personally, manually signed by the authorized representatives of the insurance company/companies shown on the certificates of insurance, with proof that they are authorized representatives thereof. Certificates of insurance shall be mailed to Santa Rosa

County Board of County Commissioners in care of: Hunter Walker, County Administrator, 6495 Caroline Street, Suite D, Milton, Florida 32570. In addition, true and exact copies of all insurance policies required hereunder shall be provided to Owner, on a timely basis, when requested by Owner.

11.2.3. The certificates of insurance and required insurance policies shall contain provisions that thirty (30) days prior written notice by registered or certified mail shall be given Owner of any cancellation, intent not to renew, or reduction in the policies or coverages, except in the application of the aggregate limits provisions. In the event of a reduction in the aggregate limit of any policy, Contractor shall immediately take steps to have the aggregate limit reinstated to the full extent permitted under such policy.

11.2.4. All insurance coverages of the Contractor shall be primary to any insurance or self insurance program carried by the Owner applicable to this project. The acceptance by Owner of any certificate of insurance does not constitute approval or agreement by the Owner that the insurance requirements have been satisfied or that the insurance policy shown on the certificate of insurance is in compliance with the requirements of the Contract Documents. No work shall commence at the project site unless and until the required certificates of insurance are received by the Owner

11.2.5. Contractor shall require each of its Subcontractors to procure and maintain, until the completion of the Subcontractor's work, insurance of the types and to the limits specified in Article 11, unless such insurance requirements for the Subcontractor is expressly waived in writing by the Owner. All liability insurance policies, other than professional liability, worker's compensation and employer's liability policies, obtained by Contractor to meet the requirements of the Contract Documents shall name the Santa Rosa County Board of County Commissioners as an additional insured and shall contain severability of interest provisions. The Board of County Commissioners shall also be designated as certificate holder with the address of 6495 Caroline Street, Suite M, Milton, Florida 32570. If any insurance provided pursuant to the Contract Documents expires prior to the completion of the work, renewal certificates of insurance and, if requested by Owner, certified, true copies of the renewal policies, shall be furnished by Contractor within thirty (30) days prior to the date of expiration. Upon expiration of an insurance policy term during the course of work under the contract, succeeding insurance policies shall be consecutive to the expiring policy.

11.2.6 All liability policies shall be underwritten on the "occurrence" basis, unless otherwise approved in writing by the county division of risk management. "Claims made" policies, if approved by the risk manager, and subsequent insurance certificates shall provide a "retro-date" which shall include the effective date of the contract. "Claims-made" renewals or carrier and policy replacements shall reflect the original "retro-date."

11.2.7 Should at any time the Contractor not maintain the insurance coverages required herein, the Owner may terminate the agreement or at its sole discretion shall be authorized to purchase such coverages and charge the Contractor for such coverages purchased. The Owner shall be under no obligation to purchase such insurance, nor shall it be responsible for the coverages purchased or the insurance company or companies used. The decision of the Owner to purchase such insurance coverages shall in no way be construed to be a waiver of any of its rights under the Contract Documents.

11.2.8 Contractor shall submit to Owner a copy of all accident reports arising out of any personal injuries or property damages arising or alleged to have arisen on account of any work by Contractor or Subcontractor under the Contract Documents.

11.2.9 Duty to Provide Legal Defense. The Contractor agrees to pay, to Santa Rosa County, as well as provide a legal defense for the Owner, which shall include attorneys' fees and costs, both of which will be done only if and when requested by the Owner, for all claims as described in paragraph 13.1. Such

payment on the behalf of the Owner shall be in addition to any and all other legal remedies available to the Owner and shall not be considered to be the Owner's exclusive remedy.

11.3 PERFORMANCE BOND AND PAYMENT BOND

11.3.1 BONDS.

11.3.1 Contractor shall provide performance and payment bonds, in the form prescribed in Exhibit B, in the amount of 100% of the contract amount, the costs of which to be paid by Contractor. The performance and payment bonds shall be underwritten by a surety authorized to do business in the State of Florida and otherwise acceptable to Owner; provided; however, the surety shall be rated as "A" or better and Class XII or higher rating as to financial size category and the amount required shall not exceed 2% of the reported policy holders surplus, all as reported in the most current best key rating guide, published by A.M. Best Company, Inc. of 75 Fulton Street, New York, New York 10038.

11.3.2 If the surety for any bond furnished by Contractor is declared bankrupt, becomes insolvent, its right to do business is terminated in the State of Florida, or it ceases to meet the requirements imposed by the Contract Document, the Contractor shall, within five (5) calendar days thereafter, substitute another bond and surety, both of which shall be subject to the Owner's approval.

11.3.3 As per Florida Statutes, Section 255.05, the Contractor shall be required to execute and record the performance and payment bonds. The bonds must state the name and principal business address of both the principal and the surety and a description of the project sufficient to identify it.

ARTICLE 12 UNCOVERING AND CORRECTION OF WORK

12.1 UNCOVERING OF WORK

12.1.1 If a portion of the Work is covered contrary to the Engineer's request or to requirements specifically expressed in the Contract Documents, it must, if required in writing by the Engineer, be uncovered for the Engineer's examination and be replaced at the Contractor's expense without change in the Contract Time.

12.1.2 If a portion of the Work has been covered which the Engineer has not specifically requested to examine prior to its being covered, the Engineer may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, costs of uncovering and replacement shall, by appropriate Change Order, be at the Owner's expense. If such Work is not in accordance with the Contract Documents, correction shall be at the Contractor's expense unless the condition was caused by the Owner or a separate Contractor in which event the Owner shall be responsible for payment of such costs.

12.2 CORRECTION OF WORK

12.2.1 BEFORE OR AFTER SUBSTANTIAL COMPLETION

12.2.1 The Contractor shall promptly correct Work rejected by the Engineer or failing to conform to the requirements of the Contract Documents, whether discovered before or after Substantial Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing and inspections and compensation for the Engineer's services and expenses made necessary thereby, shall be at the Contractor's expense.

12.2.2 AFTER SUBSTANTIAL COMPLETION – THIS SECTION DOES NOT APPLY TO LAP PROJECTS

~~**12.2.2.1** In addition to the Contractor's obligations under Paragraph 3.5, if, within one year after the date~~

~~of Substantial Completion of the Work or designated portion thereof or after the date for commencement of warranties established under Subparagraph 9.9.1, or by terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discovery of the condition. During the one-year period for correction of Work, if the Owner fails to notify the Contractor and give the Contractor an opportunity to make the correction, the Owner waives the rights to require correction by the Contractor and to make a claim for breach of warranty. If the Contractor fails to correct nonconforming Work within a reasonable time during that period after receipt of notice from the Owner or Engineer, the Owner may correct it in accordance with Paragraph 2.4.~~

~~12.2.2.2 The one-year period for correction of Work shall be extended with respect to portions of Work first performed after Substantial Completion by the period of time between Substantial Completion and the actual performance of the Work.~~

~~12.2.2.3 The one-year period for correction of Work shall not be extended by corrective Work performed by the Contractor pursuant to this Paragraph 12.2.~~

12.2.3 The Contractor shall remove from the site portions of the Work which are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the Owner.

12.2.4 The Contractor shall bear the cost of correcting destroyed or damaged construction, whether completed or partially completed, of the Owner or separate Contractors caused by the Contractor's correction or removal of Work which is not in accordance with the requirements of the Contract Documents.

12.2.5 Nothing contained in this Paragraph 12.2 shall be construed to establish a period of limitation with respect to other obligations which the Contractor might have under the Contract Documents. Establishment of the one-year period for correction of Work as described in Subparagraph 12.2.2 relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

12.3 ACCEPTANCE OF NONCONFORMING WORK

12.3.1 If the Owner prefers to accept Work which is not in accordance with the requirements of the Contract Documents, the Owner may do so instead of requiring its removal and correction, in which case the Contract Sum will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

ARTICLE 13 MISCELLANEOUS PROVISIONS

13.1 GOVERNING LAW

13.1.1 The Contract shall be governed by the law of the place where the Project is located.

13.2 SUCCESSORS AND ASSIGNS

13.2.1 The Owner and Contractor respectively bind themselves, their partners, successors, assigns and legal representatives to the other party hereto and to partners, successors, assigns and legal representatives of such other party in respect to covenants, agreements and obligations contained in the Contract Documents. Except as provided in Subparagraph 13.2.2, neither party to the Contract shall assign the

Contract as a whole without written consent of the other. If either party attempts to make such an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

13.2.2 The Owner may, without consent of the Contractor, assign the Contract to an institutional lender providing construction financing for the Project. In such event, the lender shall assume the Owner's rights and obligations under the Contract Documents. The Contractor shall execute all consents reasonably required to facilitate such assignment.

13.3 WRITTEN NOTICE

13.3.1 Written notice shall be deemed to have been duly served if delivered in person to the individual or a member of the firm or entity or to an officer of the corporation for which it was intended, or if delivered at or sent by registered or certified mail to the last business address known to the party giving notice.

13.4 RIGHTS AND REMEDIES

13.4.1 Duties and obligations imposed by the Contract Documents and rights and remedies available thereunder shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

13.4.2 No action or failure to act by the Owner, Engineer or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach thereunder, except as may be specifically agreed in writing.

13.5 TESTS AND INSPECTIONS

13.5.1 Tests, inspections and approvals of portions of the Work required by the Contract Documents or by laws, ordinances, rules, regulations or orders of public authorities having jurisdiction shall be made at an appropriate time. Unless otherwise provided, the Contractor shall make arrangements for such tests, inspections and approvals with an independent testing laboratory or entity acceptable to the Owner, or with the appropriate public authority, and shall bear all related costs of tests, inspections and approvals. The Contractor shall give the Engineer timely notice of when and where tests and inspections are to be made so that the Engineer may be present for such procedures. The Owner shall bear costs of tests, inspections or approvals which do not become requirements until after bids are received or negotiations concluded.

13.5.2 If the Engineer, Owner or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection or approval not included under Subparagraph **13.5.1**, the Engineer will, upon written authorization from the Owner, instruct the Contractor to make arrangements for such additional testing, inspection or approval by an entity acceptable to the Owner, and the Contractor shall give timely notice to the Engineer of when and where tests and inspections are to be made so that the Engineer may be present for such procedures. Such costs, except as provided in Subparagraph **13.5.3**, shall be at the Owner's expense.

13.5.3 If such procedures for testing, inspection or approval under Subparagraphs **13.5.1** and **13.5.2** reveal failure of the portions of the Work to comply with requirements established by the Contract Documents, all costs made necessary by such failure including those of repeated procedures and compensation for the Engineer's services and expenses shall be at the Contractor's expense.

13.5.4 Required certificates of testing, inspection or approval shall, unless otherwise required by the Contract Documents, be secured by the Contractor and promptly delivered to the Engineer.

13.5.5 If the Engineer is to observe tests, inspections or approvals required by the Contract Documents, the Engineer will do so promptly and, where practicable, at the normal place of testing.

13.5.6 Tests or inspections conducted pursuant to the Contract Documents shall be made promptly to avoid unreasonable delay in the Work.

13.6 INTEREST

13.6.1 Payments due and unpaid under the Contract Documents shall bear interest from the date payment is due at such rate as the parties may agree upon in writing or, in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

13.7 COMMENCEMENT OF STATUTORY LIMITATION PERIOD

13.7.1 As between the Owner and Contractor:

- .1** Before Substantial Completion. As to acts or failures to act occurring prior to the relevant date of Substantial Completion, any applicable statute of limitations shall commence to run and any alleged cause of action shall be deemed to have accrued in any and all events not later than such date of Substantial Completion;
- .2** Between Substantial Completion and Final Certificate for Payment. As to acts or failures to act occurring subsequent to the relevant date of Substantial Completion and prior to issuance of the final Certificate for Payment, any applicable statute of limitations shall commence to run and any alleged cause of action shall be deemed to have accrued in any and all events not later than the date of issuance of the final Certificate for Payment; and
- .3** After Final Certificate for Payment. As to acts or failures to act occurring after the relevant date of issuance of the final Certificate for Payment, any applicable statute of limitations shall commence to run and any alleged cause of action shall be deemed to have accrued in any and all events not later than the date of any act or failure to act by the Contractor pursuant to any Warranty provided under Paragraph **3.5**, the date of any correction of the Work or failure to correct the Work by the Contractor under Paragraph **12.2**, or the date of actual commission of any other act or failure to perform any duty or obligation by the Contractor or Owner, whichever occurs last.

ARTICLE 14 TERMINATION OR SUSPENSION OF THE CONTRACT

14.1 TERMINATION BY THE CONTRACTOR

14.1.1 The Contractor may terminate the Contract if the Work is stopped for a period of **30** consecutive days through no act or fault of the Contractor or a Subcontractor, Sub-Subcontractor or their agents or employees or any other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, for any of the following reasons.

- .1** issuance of an order of a court or other public authority having jurisdiction which requires all Work to be stopped;
- .2** an act of government, such as a declaration of national emergency which requires all Work to be stopped;
- .3** because the Engineer has not issued a Certificate for Payment and has not notified the Contractor of the reason for withholding certification as provided in Subparagraph **9.4.1**, or because the Owner has not made payment on a Certificate for Payment within the time stated in the Contract Documents; or
- .4** the Owner has failed to furnish to the Contractor promptly, upon the Contractor's request, reasonable evidence as required by Subparagraph **2.2.1**.

14.1.2 The Contractor may terminate the Contract if, through no act or fault of the Contractor or a Subcontractor, Sub-Subcontractor or their agents or employees or any other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, repeated suspensions, delays or interruptions of the entire Work by the Owner as described in Paragraph **14.3** constitute in the aggregate

more than 100 percent of the total number of days scheduled for completion, or **180** days in any 365-day period, whichever is less.

14.1.3 If one of the reasons described in Subparagraph **14.1.1** or **14.1.2** exists, the Contractor may, upon seven days' written notice to the Owner and Engineer, terminate the Contract and recover from the Owner only as provided in Subparagraph **14.3.1**.

14.1.4 If the Work is stopped for a period of 60 consecutive days through no act or fault of the Contractor or a Subcontractor or their agents or employees or any other persons performing portions of the Work under contract with the Contractor because the Owner has persistently failed to fulfill the Owner's obligations under the Contract Documents with respect to matters important to the progress of the Work, the Contractor may, upon seven additional days' written notice to the Owner and the Engineer, terminate the Contract and recover from the Owner only as provided in Subparagraph **14.3.1**.

14.2 TERMINATION FOR DEFAULT.

14.2.1 Contractor shall be considered in material default of the agreement and such default shall be considered cause for Owner to terminate the agreement, in whole or in part, as further set forth in this section, if Contractor: (1) fails to begin the work under the Contract Documents within the time specified herein; or (2) fails to properly and timely perform the work as directed by the Owner or as provided for in the approved progress schedule; or (3) performs the work unsuitably or neglects or refuses to remove materials or to correct or replace such work as may be rejected as unacceptable or unsuitable; or (4) discontinues the prosecution of the work; or (5) fails to resume work which has been suspended within a reasonable time after being notified to do so; or (6) becomes insolvent or is declared bankrupt, or commits any act of bankruptcy; or (7) allows any final judgment to stand against it unsatisfied for more than ten (10) days; or (8) makes an assignment for the benefit of creditors; or (9) fails to obey any applicable codes, laws, ordinances, rules or regulations with respect to the work; or (10) materially breaches any other provision of the Contract Documents.

14.2.2 Owner shall notify Contractor in writing of Contractor's default(s). If Owner determines that Contractor has not remedied and cured the default(s) within seven (7) calendar days following receipt by Contractor of said written notice, then Owner, at its option, without releasing or waiving its rights and remedies against the Contractor's sureties and without prejudice to any other right or remedy it may be entitled to hereunder or by law, may terminate Contractor's right to proceed under the agreement, in whole or in part, and take possession of all or any portion of the work and any materials, tools, equipment, and appliances of Contractor, take assignments of any of Contractor's subcontracts and purchase orders, and complete all or any portion of Contractor's work by whatever means, method or agency which Owner, in its sole discretion, may choose.

14.2.3 If Owner deems any of the foregoing remedies necessary, Contractor agrees that is shall not be entitled to receive any further payments hereunder until after the project is completed. All monies expended and all of the costs, losses, damages and extra expenses, including all management, administrative and other overhead and other direct and indirect expenses (including attorneys' fees) or damages incurred by Owner incident to such completion, shall be deducted from the contract amount, and if such expenditures exceed the unpaid balance of the contract amount, Contractor agrees to pay promptly to Owner on demand the full amount of such excess, including costs of collection, attorney's fees (including appeals) and interest thereon at the maximum legal rate of interest until paid. If the unpaid balance of the contract amount exceeds all such costs, expenditures and damages incurred by the Owner to complete the work, such excess shall be paid to the Contractor. The amount to be paid to the Contractor or Owner, as the case may be, and this obligation for payment shall survive termination of the agreement.

14.2.4. The liability of Contractor hereunder shall extend to and include the full amount of any and all sums paid, expenses and losses incurred, damages sustained, and obligations assumed by Owner in good faith under the belief that such payments or assumptions were necessary or required, in completing the work and providing labor, materials, equipment, supplies, and other items therefor or re-letting the work, in settlement, discharge or compromise of any claims, demands, suits, and judgments pertaining to or arising out of the work hereunder.

14.2.5 If, after notice of termination of Contractor's right to proceed pursuant to this section, it is determined for any reason that Contractor was not in default, or that its default was excusable, or that Owner is not entitled to the remedies against Contractor provided herein, then Contractor's remedies against Owner shall be the same as and limited to those afforded Contractor below under subsection **14.3.1**, termination for convenience.

14.3 TERMINATION FOR CONVENIENCE AND RIGHT OF SUSPENSION.

14.3.1. Owner shall have the right to terminate this agreement without cause upon seven (7) calendar days written notice to Contractor. In the event of such termination for convenience, Contractor's recovery against Owner shall be limited to that portion of the contract amount earned through the date of termination, together with any retainage withheld and reasonable termination expenses incurred, but Contractor shall not be entitled to any other or further recovery against Owner, including, but not limited to, damages or any anticipated profit on portions of the work not performed.

14.3.2. Owner shall have the right to suspend all or any portions of the work upon giving Contractor two (2) calendar days' prior written notice of such suspension. If all or any portion of the work is so suspended, Contractor's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in the Contract Documents. In no event shall the Contractor be entitled to any additional compensation or damages. Provided, however, if the ordered suspension exceeds three (3) months, the Contractor shall have the right to terminate the agreement with respect to that portion of the work which is subject to the ordered suspension.

SECTION 00800 SUPPLEMENTARY CONDITIONS

1.0 GENERAL CONDITIONS:

The following conditions supplement, modify, change, delete from or add to the General Conditions of the Contract, Articles 1 through 14. Where an Article of the General Conditions is modified or a Paragraph, Subparagraph, or Clause thereof is modified or deleted by these supplement, the unaltered provisions of that Article, Paragraph, Subparagraph, or Clause shall remain in effect.

2.0 ELIGIBLE STEEL TRUSS PEDESTRIAN BRIDGE PRODUCERS

Included in the plan set are Pedestrian Bridge Data Sheets submitted by bridge producers eligible to participate in this project. Producers who fail to submit a data sheet are excluded from participation. No Cost Savings Initiative Proposal will be accepted for the truss superstructure portion of the project. Contact information for the eligible producers is included in the data sheet.

3.0 WORKING DRAWING SUBMITTAL

Prior to fabrication the Contractor's Engineer of Record must submit signed and sealed superstructure working drawings, technical specifications, and design calculations to the Engineer for review and approval.

2.0 FORM OF CONTRACT AND BONDS:

The contract form as furnished by Santa Rosa County shall be utilized. Performance and Payment Bond forms as approved by Santa Rosa County shall be utilized.

3.0 MAINTENANCE OF TRAFFIC:

Contractor shall coordinate fully with the Santa Rosa County Engineering Department for maintenance of traffic during all phases of construction. Particular concern shall be given to peak hour through traffic and localized access. FDOT Index 102-602 shall be observed for sidewalk work along the shoulder. Work within the travel way will be in according to FDOT Index 102-603.

4.0 FDOT QUALITY CONTROL REQUIREMENTS:

The contractor will be required to submit a Quality Control Plan to the Engineer for review and approval prior to starting construction. The QC plan shall be in accordance with the July 2020 FDOT Specifications, Section 105. No materials shall be incorporated into the project prior to the Engineer's approval of the contractor's QC plan.

5.0 FEDERAL REQUIREMENTS:

This project involves Federal Funding. There are specific contract administration requirements outlined throughout the project manual. In the event the requirements in the General Conditions conflict with the federal requirements, the federal requirements will be followed. Conflicts between the General Conditions and the Technical Specifications Section shall fall in favor of the Technical Specifications section as these are Federal Requirements within the LAP Program. Failure to follow these requirements may result in progress payments being withheld until satisfaction of said requirements is met the contractor or subcontractors.

6.0 INSPECTOR GENERAL COOPERATION:

The Parties agree to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes. It is the duty of every state officer, employee, agency, special district, board, commission, contractor, and subcontractor to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing pursuant to this section.

END OF SECTION 00800

**REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

LAP CONTRACT REQUIREMENTS

CONTRACTOR PURCHASED EQUIPMENT FOR STATE OR LOCAL OWNERSHIP

The Local Agency or Owner shall not purchase any equipment from Contractor that was used on a Federal-Aid project.

LOCAL / STATE HIRING PREFERENCE

The Local Agency or Owner shall not have any state or local hiring preference regarding this contractor as it relates to 23 CFR 635.117.

PUBLIC AGENCIES IN COMPETITION WITH THE PRIVATE SECTOR

No public agency shall be permitted to bid in competition or to enter into subcontracts with private contractors. A public agency is defined as any organization with administrative or functional responsibilities that are either directly or indirectly affiliated with a governmental body of any nation, state or local jurisdiction.

PUBLICLY OWNED EQUIPMENT

Publicly owned equipment shall not compete with privately owned equipment on this contract. Public owned equipment is defined as equipment previously purchased or otherwise acquired by the agency involved for use in its own operations.

STATE (FLORIDA OR OTHER) PRODUCED MATERIALS

Materials or articles produced by Florida state forces shall not be favored to the exclusion of comparable materials or articles produced outside of the state.

STATE / LOCAL OWNED / FURNISHED / DESIGNATED MATERIALS

The local agency cannot provide materials. All materials must be provided by the contractor.

CONFLICT OF INTEREST

Neither the Recipient nor any of its contractors or their subcontractors shall enter into any contract, subcontract or arrangement in connection with the Project or any property included or planned to be included in the Project in which any member, officer or employee of the Recipient or the locality during tenure or for 2 years thereafter has any interest, direct or indirect. If any such present or former member, officer or employee involuntarily acquires or had acquired prior to the beginning of tenure any such interest, and if such interest is immediately disclosed to the Recipient, the Recipient, with prior approval of the Department, may waive the prohibition contained in this paragraph provided that any such present member, officer or employee shall not participate in any action by the Recipient or the locality relating to such contract, subcontract or arrangement. The Recipient shall insert in all contracts entered into in connection with the Project or any property included or planned to be included in any Project, and shall require its contractors to insert in each of their subcontracts, the following provision:

"No member, officer or employee of the Recipient or of the locality during his tenure or for 2 years thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof."

The provisions of this paragraph shall not be applicable to any agreement between the Recipient and its fiscal depositories or to any agreement for utility services the rates for which are fixed or controlled by a governmental agency.

INDEMNIFICATION (LAP agreement Section 15 requirement)

"To the fullest extent permitted by law, the Recipient's contractor shall indemnify and hold harmless the Recipient, the State of Florida, Department of Transportation, and its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of the contractor and persons employed or utilized by the contractor in the performance of this Contract."

This indemnification shall survive the termination of this Contract. Nothing contained in this paragraph is intended to nor shall it constitute a waiver of the State of Florida and the Recipient's sovereign immunity."

RECORD RETENTION

All records should be maintained for a period of seven (7) years after the completion of this contract.



SPECIFICATIONS PACKAGE
Contract Number: _____
FINANCIAL PROJECT ID(S).440741-1-58-01
FEDERAL FUNDS
DISTRICT THREE
SANTA ROSA COUNTY

The applicable Articles and Subarticles of the General Requirements & Covenants division (Division I) of the January 2021 edition of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction are added, and all of the Construction Details and Materials divisions (Division II & III) are revised, as follows:

I hereby certify that this specifications package has been properly prepared by me, or under my responsible charge, in accordance with procedures adopted by the Florida Department of Transportation.

This item has been digitally signed and sealed by Leahann Powell, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Date: November 18, 2020
State of Florida,
Professional Engineer, License No.: _____
Firm/Agency Name: American Consulting Professionals, LLC
Firm/Agency Address: 4489 Woodbine Road
City, State, Zip Code: Pace, FL 32571
Page(s): 1-54

LAP DIVISION 1 SPECIFICATIONS.	2
FROM SECTION 1 – DEFINITIONS AND TERMS:	3
FROM SECTION 4 (ALTERATION OF WORK).	4
FROM SECTION 5 – CONTROL OF THE WORK (CLAIMS).....	14
FROM SECTION 6 – CONTROL OF MATERIALS (CONVICT LABOR AND BUY AMERICA).	20
FROM SECTION 7 – LEGAL REQUIREMENTS AND RESPONSIBILITIES TO THE PUBLIC (FHWA 1273, WAGE RATES, E-VERIFY, TITLE VI, DBE, AND ON-THE-JOB TRAINING).....	21
FROM SECTION 8 (SUBLETTING, CONTRACT TIME EXTENSION, AND LIQUIDATED DAMAGES).	32
FROM SECTION 9 (PARTIAL PAYMENTS).	35
EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM).....	39
CONCRETE FOR LAP (OFF-SYSTEM).	49
LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – LAWS TO BE OBSERVED - COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT AND OTHER WILDLIFE REGULATIONS (BEAR).	53
THIS COMPLETES THIS SPECIFICATIONS PACKAGE	54

LAP DIVISION 1 SPECIFICATIONS.

(REV 2-17-20) (1-21)

Construction Checklist Specifications
from
Department of Transportation
Standard Specifications for Road and Bridge Construction

The following excerpts from the Standard Specifications and Special Provisions are provided for use in LAP Specifications as needed in accordance with the Local Agency Program Checklist for Construction Contracts (Phase 58) – Federal and State Requirements (525-070-44)

FROM SECTION 1 – DEFINITIONS AND TERMS:

Department Name: Santa Rosa County Engineering

Engineer: Leahann Powell, P.E.

The Design Engineer, acting directly or through duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them. Note: In order to avoid cumbersome and confusing repetition of expressions in these Specifications, it is provided that whenever anything is, or is to be done, if, as, or, when, or where “acceptable, accepted, approval, approved, authorized, condemned, considered necessary, contemplated, deemed necessary, designated, determined, directed, disapproved, established, given, indicated, insufficient, ordered, permitted, rejected, required, reserved, satisfactory, specified, sufficient, suitable, suspended, unacceptable, or unsatisfactory,” it shall be understood as if the expression were followed by the words “by the Engineer,” “to the Engineer,” or “of the Engineer.”

Contractor’s Engineer of Record.

A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing of components of the permanent structure as part of a redesign or Cost Savings Initiative Proposal, or for repair designs and details of the permanent work. The Contractor’s Engineer of Record may also serve as the Specialty Engineer.

The Contractor’s Engineer of Record must be an employee of a pre-qualified firm. The firm shall be pre-qualified in accordance with the Rules of the Department of Transportation, Chapter 14-75. Any Corporation or Partnership offering engineering services must hold a Certificate of Authorization from the Florida Department of Business and Professional Regulation.

As an alternate to being an employee of a pre-qualified firm, the Contractor’s Engineer of Record may be a pre-qualified Specialty Engineer. For items of the permanent work declared by the State Construction Office to be “major” or “structural”, the work performed by a pre-qualified Specialty Engineer must be checked by another pre-qualified Specialty Engineer. An individual Engineer may become pre-qualified in the work groups listed in the Rules of the Department of Transportation, Chapter 14-75, if the requirements for the Professional Engineer are met for the individual work groups. Pre-qualified Specialty Engineers are listed on the State Construction Website. Pre-qualified Specialty Engineers will not be authorized to perform redesigns or Cost Savings Initiative Proposal designs of items fully detailed in the plans.

Specialty Engineer.

A Professional Engineer registered in the State of Florida, other than the Engineer of Record or his subcontracted consultant, who undertakes the design and drawing preparation of components, systems, or installation methods and equipment for specific temporary portions of the project work or for special items of the permanent works not fully detailed in the plans and required to be furnished by the Contractor. The Specialty Engineer may also provide designs and details, repair designs and details, or perform Engineering Analyses for items of the permanent work declared by the State Construction Office to be “minor” or “non-structural”.

For items of work not specifically covered by the Rules of the Department of Transportation, a Specialty Engineer is qualified if he has the following qualifications:

- (1) Registration as a Professional Engineer in the State of Florida.
- (2) The education and experience necessary to perform the submitted design as required by the Florida Department of Business and Professional Regulation.

FROM SECTION 4 (ALTERATION OF WORK).

4-3 Alteration of Plans or of Character of Work.

4-3.1 General: The Engineer reserves the right to make, at any time prior to or during the progress of the work, such increases or decreases in quantities, whether a significant change or not, and such alterations in the details of construction, whether a substantial change or not, including but not limited to alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable by the Engineer. Such increases, decreases or alterations shall not constitute a breach of Contract, shall not invalidate the Contract, nor release the Surety from any liability arising out of this Contract or the Surety bond. The Contractor agrees to perform the work, as altered, the same as if it had been a part of the original Contract.

The term "significant change" applies only when:

1. The Engineer determines that the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction, or

2. A major item of work, as defined in 1-3, is increased in excess of 125% or decreased below 75% of the original Contract quantity. The Department will apply any price adjustment for an increase in quantity only to that portion in excess of 125% of the original Contract item quantity in accordance with 4-3.2 below. In the case of a decrease below 75% the Department will only apply a price adjustment for the additional costs that are a direct result of the reduction in quantity.

In (1) above, the determination by the Engineer shall be conclusive. If the determination is challenged by the Contractor in any proceeding, the Contractor must establish by clear and convincing proof that the determination by the Engineer was without any reasonable basis.

4-3.2 Increase, Decrease or Alteration in the Work: The Engineer reserves the right to make alterations in the character of the work which involve a substantial change in the nature of the design or in the type of construction or which materially increases or decreases the cost or time of performance. Such alteration shall not constitute a breach of Contract, shall not invalidate the Contract or release the Surety.

Notwithstanding that the Contractor shall have no formal right whatsoever to any extra compensation or time extension deemed due by the Contractor for any cause unless and until the Contractor follows the procedures set forth in 5-12.2 for preservation, presentation and resolution of the claim, the Contractor may at any time, after having otherwise timely submitted a notice of intent to claim or preliminary time extension request pursuant to 5-12.2 and 8-7.3.2, submit to the Department a request for equitable adjustment of compensation or time or other dispute resolution proposal. The Contractor shall in any request for equitable adjustment of compensation, time, or other dispute resolution proposal certify under oath and in writing, in

accordance with the formalities required by Florida law, that the request is made in good faith, that any supportive data submitted is accurate and complete to the Contractor's best knowledge and belief, and that the amount of the request accurately reflects what the Contractor in good faith believes to be the Department's responsibility. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor. Any such certified statements of entitlement and costs shall be subject to the audit provisions set forth in 5-12.14. While the submittal or review of a duly certified request for equitable adjustment shall neither create, modify, nor activate any legal rights or obligations as to the Contractor or the Department, the Department will review the content of any duly certified request for equitable adjustment or other dispute resolution proposal, with any further action or inaction by the Department thereafter being in its sole discretion. Any request for equitable adjustment that fails to fully comply with the certification requirements will not be reviewed by the Department.

The monetary compensation provided for below constitutes full and complete payment for such additional work and the Contractor shall have no right to any additional monetary compensation for any direct or indirect costs or profit for any such additional work beyond that expressly provided below. The Contractor shall be entitled to a time extension only to the extent that the performance of any portion of the additional work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. All time related costs for actual performance of such additional work are included in the compensation already provided below and any time extension entitlement hereunder will be without additional monetary compensation. The Contractor shall have no right to any monetary compensation or damages whatsoever for any direct or indirect delay to a controlling work item arising out of or in any way related to the circumstances leading up to or resulting from additional work (but not relating to the actual performance of the additional work, which is paid for as otherwise provided herein), except only as provided for under 5-12.6.2.1.

4-3.2.1 Allowable Costs for Extra Work: The Engineer may direct in writing that extra work be done and, at the Engineer's sole discretion, the Contractor will be paid pursuant to an agreed Supplemental Agreement or in the following manner:

1. Labor and Burden: The Contractor will receive payment for actual costs of direct labor and burden for the additional or unforeseen work. Labor includes foremen actually engaged in the work; and will not include project supervisory personnel nor necessary on-site clerical staff, except when the additional or unforeseen work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. Compensation for project supervisory personnel, but in no case higher than a Project Manager's position, shall only be for the pro-rata time such supervisory personnel spent on the contract. In no case shall an officer or director of the Company, nor those persons who own more than 1% of the Company, be considered as project supervisory personnel, direct labor or foremen hereunder.

Payment for burden shall be limited solely to the following:

Table 4-3.2.1	
Item	Rate
FICA	Rate established by Law
FUTA/SUTA	Rate established by Law
Medical Insurance	Actual

Table 4-3.2.1	
Item	Rate
Holidays, Sick & Vacation benefits	Actual
Retirement benefits	Actual
Workers Compensation	Rates based on the National Council on Compensation Insurance basic rate tables adjusted by Contractor's actual experience modification factor in effect at the time of the additional work or unforeseen work.
Per Diem	Actual but not to exceed State of Florida's rate
Insurance*	Actual
*Compensation for Insurance is limited solely to General Liability Coverage and does not include any other insurance coverage (such as, but not limited to, Umbrella Coverage, Automobile Insurance, etc.).	

At the Pre-construction conference, certify to the Engineer the following:

- a. A listing of on-site clerical staff, supervisory personnel and their pro-rated time assigned to the contract,
- b. Actual Rate for items listed in Table 4-3.2.1,
- c. Existence of employee benefit plan for Holiday, Sick and Vacation benefits and a Retirement Plan, and,
- d. Payment of Per Diem is a company practice for instances when compensation for Per Diem is requested.

Such certification must be made by an officer or director of the Contractor with authority to bind the Contractor. Timely certification is a condition precedent to any right of the Contractor to recover compensations for such costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such costs. Any subsequent changes shall be certified to the Engineer as part of the cost proposal or seven calendar days in advance of performing such extra work.

2. Materials and Supplies: For materials accepted by the Engineer and used on the project, the Contractor will receive the actual cost of such materials incorporated into the work, including Contractor paid transportation charges (exclusive of equipment as hereinafter set forth). For supplies reasonably needed for performing the work, the Contractor will receive the actual cost of such supplies.

3. Equipment: For any machinery or special equipment (other than small tools), including fuel and lubricant, the Contractor will receive 100% of the "Rental Rate Blue Book" for the actual time that such equipment is in operation on the work, and 50% of the "Rental Rate Blue Book" for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the "Rental Rate Blue Book for Construction Equipment" as published by Equipment Watch, a division of Informa Business Media, Inc., using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the "Rental Rate Blue Book."

Allowable Equipment Rates will be established as set out below:

- a. Allowable Hourly Equipment Rate = Monthly Rate/176
- b. Allowable Hourly Operating Cost = Hourly Operating Cost x 100%.
- c. Allowable Rate Per Hour = Allowable Hourly Equipment Rate + Allowable Hourly Operating Cost.
- d. Standby Rate = Allowable Hourly Equipment Rate x 50%.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered work days on the project.

The Department will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Department will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

4. Indirect Costs, Expenses, and Profit: Compensation for all indirect costs, expenses, and profit of the Contractor, including but not limited to overhead of any kind, whether jobsite, field office, division office, regional office, home office, or otherwise, is expressly limited to the greater of either (a) or (b) below:

a. Solely a mark-up of 17.5% on the payments in (1) through (3), above.

1. Bond: The Contractor will receive compensation for any premium for acquiring a bond for such additional or unforeseen work at the original Contract bond rate paid by the Contractor. No compensation for bond premium will be allowed for additional or unforeseen work paid by the Department via initial contingency pay item.

2. The Contractor will be allowed a markup of 10% on the first \$50,000 and a markup of 5% on any amount over \$50,000 on any subcontract directly related to the additional or unforeseen work. Any such subcontractor mark-up will be allowed only by the prime Contractor and a first tier subcontractor, and the Contractor must elect the markup for any eligible first tier subcontractor to do so.

b. Solely the formula set forth below and only as applied solely as to such number of calendar days of entitlement that are in excess of ten cumulative calendar days as defined below.

$$D = \frac{A \times C}{B}$$

Where A = Original Contract Amount
 B = Original Contract Time

C = 8%

D = Average Overhead Per Day

Cumulative Calendar Days is defined as the combined total number of calendar days granted as time extensions due to either extra work, excluding overruns to existing contract items, that extend the duration of the project or delay of a controlling work item caused solely by the Department, or the combined total number of calendar days for which a claim of entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined to be in favor of the Contractor.

No compensation, whatsoever, will be paid to the Contractor for any jobsite overhead and other indirect impacts when the total number of calendar days granted for time extension due to delay of a controlling work item caused solely by the Department is, or the total number of calendar days for which entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined in favor of the Contractor to be, equal to or less than ten calendar days and the Contractor also fully assumes all monetary risk of any and all partial or single calendar day delay periods, due to delay of a controlling work item caused solely by the Department, that when combined together are equal to or less than ten calendar days and regardless of whether monetary compensation is otherwise provided for hereunder for one or more calendar days of time extension entitlement for each calendar day exceeding ten calendar days. All calculations under this provision shall exclude weather days, Holidays, and Special Events.

Further, for (a) and (b) above, in the event there are concurrent delays to one or more controlling work items, one or more being caused by the Department and one or more being caused by the Contractor, the Contractor shall be entitled to a time extension for each day that a controlling work item is delayed by the Department but shall have no right to nor receive any monetary compensation for any indirect costs for any days of concurrent delay.

4-3.2.2 Subcontracted Work: Compensation for the additional or unforeseen work performed by a subcontractor shall be limited solely to that provided for in 4-3.2.1 (1), (2), (3) and (4)(a). In addition, the Contractor compensation is expressly limited to the greater of the total provided in either 4-3.2.1(4)(a) or (4)(b), except that the Average Overhead Per-Day calculation is as follows:

$$D_s = \frac{A_s \times C}{B}$$

Where A_s = Original Contract Amount minus Original

Subcontract amounts(s)*

B = Original Contract Time

C = 8%

D_s = Average Overhead Per-Day

* deduct Original Subcontract Amount(s) of subcontractor(s) performing the work

The subcontractor may receive compensation for any premium for acquiring a bond for the additional or unforeseen work; provided, however, that such payment

for additional subcontractor bond will only be paid upon presentment to the Department of clear and convincing proof that the subcontractor has actually submitted and paid for separate bond premiums for such additional or unforeseen work in such amount and that the subcontractor was required by the Contractor to acquire a bond.

The Contractor shall require the subcontractor to submit a certification, in accordance with 4-3.2.1 (1), as part of the cost proposal and submit such to the Engineer. Such certification must be made by an officer or director of the subcontractor with authority to bind the subcontractor. Timely certification is a condition precedent to any right of the Contractor to recover compensation for such subcontractor costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such subcontractor costs.

4-3.3 No Waiver of Contract: Changes made by the Engineer will not be considered to waive any of the provisions of the Contract, nor may the Contractor make any claim for loss of anticipated profits because of the changes, or by reason of any variation between the approximate quantities and the quantities of work actually performed. All work shall be performed as directed by the Engineer and in accordance with the Contract Documents.

4-3.4 Conditions Requiring a Supplemental Agreement or Unilateral Payment: A Supplemental Agreement or Unilateral Payment will be used to clarify the Plans and Specifications of the Contract; to provide for unforeseen work, grade changes, or alterations in the Plans which could not reasonably have been contemplated or foreseen in the original Plans and Specifications; to change the limits of construction to meet field conditions; to provide a safe and functional connection to an existing pavement; to settle documented Contract claims; to make the project functionally operational in accordance with the intent of the original Contract and subsequent amendments thereto.

A Supplemental Agreement or Unilateral Payment may be used to expand the physical limits of the project only to the extent necessary to make the project functionally operational in accordance with the intent of the original Contract. The cost of any such agreement extending the physical limits of the project shall not exceed \$100,000 or 10% of the original Contract price, whichever is greater.

Perform no work to be covered by a Supplemental Agreement or Unilateral Payment before written authorization is received from the Engineer. The Engineer's written authorization will set forth sufficient work information to allow the work to begin. The work activities, terms and conditions will be reduced to written Supplemental Agreement or Unilateral Payment form promptly thereafter. No payment will be made on a Supplemental Agreement or Unilateral Payment prior to the Department's approval of the document.

4-3.5 Extra Work: Extra work authorized in writing by the Engineer will be paid in accordance with the formula in 4-3.2. Such payment will be the full extent of all monetary compensation entitlement due to the Contractor for such extra work. Any entitlement to a time extension due to extra work will be limited solely to that provided for in 4-3.2 for additional work.

4-3.6 Connections to Existing Pavement, Drives and Walks: Generally adhere to the limits of construction at the beginning and end of the project as detailed in the Plans. However, if the Engineer determines that it is necessary to extend the construction in order to make suitable connections to existing pavement, the Engineer will authorize such a change in writing.

For necessary connections to existing walks and drives that are not indicated in the Plans, the Engineer will submit direction regarding the proper connections in accordance with the Standard Plans.

4-3.7 Differing Site Conditions: During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the Contract, or if unknown physical conditions of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before the Contractor disturbs the conditions or performs the affected work.

Upon receipt of written notification of differing site conditions from the Contractor, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly. The Engineer will notify the Contractor whether or not an adjustment of the Contract is warranted.

The Engineer will not allow a Contract adjustment for a differing site condition unless the Contractor has submitted the required written notice.

The Engineer will not allow a Contract adjustment under this clause for any effects caused to any other Department or non-Department projects on which the Contractor may be working.

4-3.8 Changes Affecting Utilities: The Contractor shall be responsible for identifying and assessing any potential impacts to a utility that may be caused by the changes proposed by the Contractor, and the Contractor shall at the time of making the request for a change notify the Department in writing of any such potential impacts to utilities.

Department approval of a Contractor proposed change does not relieve the Contractor of sole responsibility for all utility impacts, costs, delays or damages, whether direct or indirect, resulting from Contractor initiated changes in the design or construction activities from those in the original Contract Specifications, Design Plans (including Traffic Control Plans) or other Contract Documents and which effect a change in utility work different from that shown in the Utility Plans, joint project agreements or utility relocation schedules.

4-3.9 Cost Savings Initiative Proposal:

4-3.9.1 Intent and Objective:

1. This Subarticle applies to any cost reduction proposal (hereinafter referred to as a Proposal) that the Contractor initiates and develops for the purpose of refining the Contract to increase cost effectiveness or significantly improve the quality of the end result. A mandatory Cost Savings Initiative Workshop will be held prior to Contract Time beginning for the Contractor and Department to discuss potential Proposals. This mandatory workshop can only be eliminated if agreed to in writing by both the Contractor and Department. This Subarticle does not, however, apply to any such proposal unless the Contractor identifies it at the time of its submission to the Department as a proposal submitted pursuant to this Subarticle.

2. The Department will consider Proposals that would result in net savings to the Department by providing a decrease in the cost of the Contract. Proposals must result in savings without impairing essential functions and characteristics such as safety, service, life, reliability, economy of operation, ease of maintenance, aesthetics and necessary standard design features. The Department will not recognize the Contractor's correction of plan errors that result

in a cost reduction, as a Proposal. Deletions of work, approved by the Engineer which are not directly associated with or integral to a Proposal will be handled as full credit to the Department for the work deleted.

3. The Department shall have the right to reject, at its discretion, any Proposal submitted that proposes a change in the design of the pavement system or that would require additional right-of-way. Pending the Department's execution of a formal supplemental agreement implementing an approved Proposal, the Contractor shall remain obligated to perform the work in accordance with the terms of the existing Contract. The Department may grant time extensions to allow for the time required to develop and review a Proposal.

4. For potential Proposals not discussed at the Cost Savings Initiative Workshop, a mandatory concept meeting will be held for the Contractor and Department to discuss the potential Proposal prior to development of the Proposal. This mandatory meeting can only be eliminated if agreed to in writing by both the Contractor and Department.

4-3.9.2 Subcontractors: The Department encourages the Contractor to include the provisions of this Subarticle in Contracts with subcontractors and to encourage submission of Proposals from subcontractors. However, it is not mandatory to submit Proposals to the Department or to accept or transmit subcontractor proposed Proposals to the Department.

4-3.9.3 Data Requirements: As a minimum, submit the following information with each Proposal:

1. a description of the difference between the existing Contract requirement, including any time extension request, and the proposed change, and the comparative advantages and disadvantages.

2. separate detailed cost estimates for both the existing Contract requirement and the proposed change. Break down the cost estimates by pay item numbers indicating quantity increases or decreases and deleted pay items. Identify additional proposed work not covered by pay items within the Contract, by using pay item numbers in the Basis of Estimates Manual. In preparing the estimates, include overhead, profit, and bond within pay items in the Contract. Separate pay item(s) for the cost of overhead, profit, and bond will not be allowed.

3. an itemization of the changes, deletions or additions to plan details, plan sheets, Standard Plans and Specifications that are required to implement the Proposal if the Department adopts it. Submit preliminary plan drawings sufficient to describe the proposed changes.

4. engineering or other analysis in sufficient detail to identify and describe specific features of the Contract that must be changed if the Department accepts the Proposal with a proposal as to how these changes can be accomplished and an assessment of their effect on other project elements. The Department may require that engineering analyses be performed by a prequalified consultant in the applicable class of work. Support all design changes that result from the Proposal with drawings and computations signed and sealed by the Contractor's Engineer of Record. Written documentation or drawings will be submitted clearly delineating the responsibility of the Contractor's Engineer of Record.

5. the date by which the Department must approve the Proposal to obtain the total estimated cost reduction during the remainder of the Contract, noting any effect on the Contract completion time or delivery schedule.

6. a revised project schedule that would be followed upon approval of the Proposal. This schedule would include submittal dates and review time for the Department and Peer reviews.

4-3.9.4 Processing Procedures: Submit Proposals to the Engineer or his duly authorized representative. The Department will process Proposals expeditiously; however, the Department is not liable for any delay in acting upon a Proposal submitted pursuant to this Subarticle. The Contractor may withdraw, in whole or in part, a Proposal not accepted by the Department within the period specified in the Proposal. The Department is not liable for any Proposal development cost in the case where the Department rejects or the Contractor withdraws a Proposal.

The Engineer is the sole judge of the acceptability of a Proposal and of the estimated net savings in construction costs from the adoption of all or any part of such proposal. In determining the estimated net savings, the Department reserves the right to disregard the Contract bid prices if, in the judgment of the Engineer, such prices do not represent a fair measure of the value of work to be performed or to be deleted.

Prior to approval, the Engineer may modify a Proposal, with the concurrence of the Contractor, to make it acceptable. If any modification increases or decreases the net savings resulting from the Proposal, the Department will determine the Contractor's fair share upon the basis of the Proposal as modified and upon the final quantities. The Department will compute the net savings by subtracting the revised total cost of all bid items affected by the Proposal from the total cost of the same bid items as represented in the original Contract.

Prior to approval of the Proposal that initiates the supplemental agreement, submit acceptable Contract-quality plan sheets revised to show all details consistent with the Proposal design.

4-3.9.5 Computations for Change in Contract Cost of Performance: If the Proposal is adopted, the Contractor's share of the net savings as defined hereinafter represents full compensation to the Contractor for the Proposal.

The Department will not include its costs to process and implement a Proposal in the estimate. However, the Department reserves the right, where it deems such action appropriate, to require the Contractor to pay the Department's cost of investigating and implementing a Proposal as a condition of considering such proposal. When the Department imposes such a condition, the Contractor shall accept this condition in writing, authorizing the Department to deduct amounts payable to the Department from any monies due or that may become due to the Contractor under the Contract.

4-3.9.6 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges: A Proposal that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge Plans relating to the Proposal shall undergo an independent peer review conducted by a single independent engineering firm referred to for the purposes of this article as the Independent Review Engineer who is not the originator of the Proposal design, and is pre-qualified by the Department in accordance with Rule 14-75, Florida Administrative Code. The independent peer review is intended to be a comprehensive, thorough verification of the original work, giving assurance that the design is in compliance with all Department requirements. The Independent Review Engineer's comments, along with the resolution of each comment, shall be submitted to the Department. The Independent Review Engineer shall sign and seal the submittal cover letter stating that all comments have been adequately addressed and

the design is in compliance with the Department requirements. If there are any unresolved comments the Independent Review Engineer shall specifically list all unresolved issues in the signed and sealed cover letter.

The Contractor shall designate a primary engineer responsible for the Proposal design and as such will be designated as the Contractor's Engineer of Record for the Proposal design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for design of the entire structure.

New designs and independent peer reviews shall be in compliance with all applicable Department, FHWA and AASHTO criteria requirements including bridge load ratings.

4-3.9.7 Sharing Arrangements: If the Department approves a Proposal, the Contractor shall receive 50% of the net reduction in the cost of performance of the Contract as determined by the final negotiated agreement between the Contractor and the Department. The net reduction will be determined by subtracting from the savings of the construction costs the reasonable documented engineering costs incurred by the contractor to design and develop a Proposal. The reasonable documented engineering costs will be paid by the Department. Engineering costs will be based on the consultant's certified invoice and may include the costs of the Independent Review Engineer in 4-3.9.6. The total engineering costs to be subtracted from the savings to determine the net reduction will be limited to 25% of the construction savings and shall not include any markup by the Contractor or the costs for engineering services performed by the Contractor.

4-3.9.8 Notice of Intellectual Property Interests and Department's Future Rights to a Proposal:

4-3.9.8.1 Notice of Intellectual Property Interests: The Contractor's Proposal submittal shall identify with specificity any and all forms of intellectual property rights that either the Contractor or any officer, shareholder, employee, consultant, or affiliate, of the Contractor, or any other entity who contributed in any measure to the substance of the Contractor's Proposal development, have or may have that are in whole or in part implicated in the Proposal. Such required intellectual property rights notice includes, but is not limited to, disclosure of any issued patents, copyrights, or licenses; pending patent, copyright or license applications; and any intellectual property rights that though not yet issued, applied for or intended to be pursued, could nevertheless otherwise be subsequently the subject of patent, copyright or license protection by the Contractor or others in the future. This notice requirement does not extend to intellectual property rights as to stand-alone or integral components of the Proposal that are already on the Department's Approved Product List (APL) or Standard Plans, or are otherwise generally known in the industry as being subject to patent or copyright protection.

4-3.9.8.2 Department's Future Rights to a Proposal: Notwithstanding 7-3 nor any other provision of the Standard Specifications, upon acceptance of a Proposal, the Contractor hereby grants to the Department and its contractors (such grant being expressly limited solely to any and all existing or future Department construction projects and any other Department projects that are partially or wholly funded by or for the Department) a royalty-free and perpetual license under all forms of intellectual property rights to manufacture, to use, to design, to construct, to disclose, to reproduce, to prepare and fully utilize derivative works, to distribute, display and publish, in whole or in part, and to permit others to do any of the above, and to otherwise in any manner and for any purpose whatsoever do anything reasonably

necessary to fully utilize any and all aspects of such Proposal on any and all existing and future construction projects and any other Department projects.

Contractor shall hold harmless, indemnify and defend the Department and its contractors and others in privity therewith from and against any and all claims, liabilities, other obligations or losses, and reasonable expenses related thereto (including reasonable attorneys' fees), which are incurred or are suffered by any breach of the foregoing grants, and regardless of whether such intellectual property rights were or were not disclosed by the Contractor pursuant to 4-3.9.8.1, unless the Department has by express written exception in the Proposal acceptance process specifically released the Contractor from such obligation to hold harmless, indemnify and defend as to one or more disclosed intellectual property rights.

FROM SECTION 5 – CONTROL OF THE WORK (CLAIMS).

5-12 Claims by Contractor.

5-12.1 General: When the Contractor deems that extra compensation or a time extension is due beyond that agreed to by the Engineer, whether due to delay, additional work, altered work, differing site conditions, breach of Contract, or for any other cause, the Contractor shall follow the procedures set forth herein for preservation, presentation and resolution of the claim.

Submission of timely notice of intent to file a claim, preliminary time extension request, time extension request, and the certified written claim, together with full and complete claim documentation, are each a condition precedent to the Contractor bringing any circuit court, arbitration, or other formal claims resolution proceeding against the Department for the items and for the sums or time set forth in the Contractor's certified written claim. The failure to provide such notice of intent, preliminary time extension request, time extension request, certified written claim and full and complete claim documentation within the time required shall constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to additional compensation or a time extension for such claim.

5-12.2 Notice of Claim:

5-12.2.1 Claims For Extra Work: Where the Contractor deems that additional compensation or a time extension is due for work or materials not expressly provided for in the Contract or which is by written directive expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit written notification to the Engineer of the intention to make a claim for additional compensation before beginning the work on which the claim is based, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. If such written notification is not submitted and the Engineer is not afforded the opportunity for keeping strict account of actual labor, material, equipment, and time, the Contractor waives the claim for additional compensation or a time extension. Such notice by the Contractor, and the fact that the Engineer has kept account of the labor, materials and equipment, and time, shall not in any way be construed as establishing the validity of the claim or method for computing any compensation or time extension for such claim. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9.

However, for any claim or part of a claim that pertains solely to final estimate quantities disputes the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9, as to such final estimate claim dispute issues, within 90 or 180 calendar days, respectively, of the Contractor's receipt of the Department's final estimate.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten calendar day notice shall constitute a waiver of the claim.

5-12.2.2 Claims For Delay: Where the Contractor deems that additional compensation or a time extension is due on account of delay, differing site conditions, breach of Contract, or any other cause other than for work or materials not expressly provided for in the Contract (Extra Work) or which is by written directive of the Engineer expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit a written notice of intent to the Engineer within ten days after commencement of a delay to a controlling work item expressly notifying the Engineer that the Contractor intends to seek additional compensation, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay to a controlling work item, as to such delay and providing a reasonably complete description as to the cause and nature of the delay and the possible impacts to the Contractor's work by such delay, and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project the Contractor shall submit full and complete documentation as described in 5-12.3 and duly certified pursuant to 5-12.9.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten calendar day notice shall constitute a waiver of the claim.

There shall be no Contractor entitlement to any monetary compensation or time extension for any delays or delay impacts, whatsoever, that are not to a controlling work item, and then as to any such delay to a controlling work item entitlement to any monetary compensation or time extension shall only be to the extent such is otherwise provided for expressly under 4-3 or 5-12, except that in the instance of delay to a non-controlling item of work the Contractor may be compensated for the direct costs of idle labor or equipment only, at the rates set forth in 4-3.2.1(1) and (3), and then only to the extent the Contractor could not reasonably mitigate such idleness.

If the Contractor provides the written notice of intent, the preliminary request for time extension, and the request for Contract Time extension in compliance with the aforementioned time and content requirements, the Contractor's claim for delay to a controlling

work item will be evaluated as of the date of the elimination of the delay even if the Contractor's performance subsequently overcomes the delay. If the claim for delay has not been settled, the Contractor must also comply with 5-12.3 and 5-12.9 to preserve the claim.

5-12.3 Content of Written Claim: As a condition precedent to the Contractor being entitled to additional compensation or a time extension under the Contract, for any claim, the Contractor shall submit a certified written claim to the Department which will include for each individual claim, at a minimum, the following information:

1. A detailed factual statement of the claim providing all necessary dates, locations, and items of work affected and included in each claim;
2. The date or dates on which actions resulting in the claim occurred or conditions resulting in the claim became evident;
3. Identification of all pertinent documents and the substance of any material oral communications relating to such claim and the name of the persons making such material oral communications;
4. Identification of the provisions of the Contract which support the claim and a statement of the reasons why such provisions support the claim, or alternatively, the provisions of the Contract which allegedly have been breached and the actions constituting such breach;
5. A detailed compilation of the amount of additional compensation sought and a breakdown of the amount sought as follows:
 - a. documented additional job site labor expenses;
 - b. documented additional cost of materials and supplies;
 - c. a list of additional equipment costs claimed, including each piece of equipment and the rental rate claimed for each;
 - d. any other additional direct costs or damages and the documents in support thereof;
 - e. any additional indirect costs or damages and all documentation in support thereof.
6. A detailed compilation of the specific dates and the exact number of calendar days sought for a time extension, the basis for entitlement to time for each day, all documentation of the delay, and a breakout of the number of days claimed for each identified event, circumstance or occurrence.

Further, the Contractor shall be prohibited from amending either the bases of entitlement or the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder, and any circuit court, arbitration, or other formal claims resolution proceeding shall be limited solely to the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder. This shall not, however, preclude a Contractor from withdrawing or reducing any of the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder at any time.

5-12.4 Action on Claim: The Engineer will respond in writing on projects with an original Contract amount of \$3,000,000 or less within 90 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3, and on projects with an original Contract amount greater than \$3,000,000 within 120 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3. Failure by the Engineer to respond to a claim in writing within 90 or 120 days, respectively, after receipt of a complete claim submitted

by the Contractor in compliance with 5-12.3 constitutes a denial of the claim by the Engineer. If the Engineer finds the claim or any part thereof to be valid, such partial or whole claim will be allowed and paid for to the extent deemed valid and any time extension granted, if applicable, as provided in the Contract. No circuit court or arbitration proceedings on any claim, or a part thereof, may be filed until after final acceptance of all Contract work by the Department or denial hereunder, whichever occurs last.

5-12.5 Pre-Settlement and Pre-Judgment Interest: Entitlement to any pre-settlement or pre-judgment interest on any claim amount determined to be valid subsequent to the Department's receipt of a certified written claim in full compliance with 5-12.3, whether determined by a settlement or a final ruling in formal proceedings, the Department shall pay to the Contractor simple interest calculated at the Prime Rate (as reported by the Wall Street Journal as the base rate on corporate loans posted by at least 75% of the nations 30 largest banks) as of the 60th calendar day following the Department's receipt of a certified written claim in full compliance with 5-12.3, such interest to accrue beginning 60 calendar days following the Department's receipt of a certified written claim in full compliance with 5-12.3 and ending on the date of final settlement or formal ruling.

5-12.6 Compensation for Extra Work or Delay:

5-12.6.1 Compensation for Extra Work: Notwithstanding anything to the contrary contained in the Contract Documents, the Contractor shall not be entitled to any compensation beyond that provided for in 4-3.2.

5-12.6.2 Compensation for Delay: Notwithstanding anything to the contrary contained in the Contract Documents, the additional compensation set forth in 5-12.6.2.1 shall be the Contractor's sole monetary remedy for any delay other than to perform extra work caused by the Department unless the delay shall have been caused by acts constituting willful or intentional interference by the Department with the Contractor's performance of the work and then only where such acts continue after Contractor's written notice to the Department of such interference. The parties anticipate that delays may be caused by or arise from any number of events during the term of the Contract, including, but not limited to, work performed, work deleted, supplemental agreements, work orders, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right-of-way issues, permitting issues, actions of suppliers, subcontractors or other contractors, actions by third parties, suspensions of work by the Engineer shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, special events, suspension of Contract Time, or other events, forces or factors sometimes experienced in construction work. Such delays or events and their potential impacts on the performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not be deemed to constitute willful or intentional interference with the Contractor's performance of the work without clear and convincing proof that they were the result of a deliberate act, without reasonable and good-faith basis, and specifically intended to disrupt the Contractor's performance.

5-12.6.2.1 Compensation for Direct Costs, Indirect Costs, Expenses, and Profit thereon, of or from Delay: For any delay claim, the Contractor shall be entitled to monetary compensation for the actual idle labor (including supervisory personnel) and equipment, and indirect costs, expenses, and profit thereon, as provided for in 4-3.2.1(4) and solely for costs incurred beyond what reasonable mitigation thereof the Contractor could have undertaken.

5-12.7 Mandatory Claim Records: After submitting to the Engineer a notice of intent to file a claim for extra work or delay, the Contractor must keep daily records of all labor, material and equipment costs incurred for operations affected by the extra work or delay. These daily records must identify each operation affected by the extra work or delay and the specific locations where work is affected by the extra work or delay, as nearly as possible. The Engineer may also keep records of all labor, material and equipment used on the operations affected by the extra work or delay. The Contractor shall, once a notice of intent to claim has been timely filed, and not less than weekly thereafter as long as appropriate, submit the Contractor's daily records to the Engineer and be likewise entitled to receive the Department's daily records. The daily records to be submitted hereunder shall be done at no cost to the recipient.

5-12.8 Claims For Acceleration: The Department shall have no liability for any constructive acceleration of the work, nor shall the Contractor have any right to make any claim for constructive acceleration nor include the same as an element of any claim the Contractor may otherwise submit under this Contract. If the Engineer gives express written direction for the Contractor to accelerate its efforts, such written direction will set forth the prices and other pertinent information and will be reduced to a written Contract Document promptly. No payment will be made on a Supplemental Agreement for acceleration prior to the Department's approval of the documents.

5-12.9 Certificate of Claim: When submitting any claim, the Contractor shall certify under oath and in writing, in accordance with the formalities required by Florida law, that the claim is made in good faith, that the supportive data are accurate and complete to the Contractor's best knowledge and belief, and that the amount of the claim accurately reflects what the Contractor in good faith believes to be the Department's liability. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor.

5-12.10 Non-Recoverable Items: The parties agree that for any claim the Department will not have liability for the following items of damages or expense:

1. Loss of profit, incentives or bonuses;
2. Any claim for other than extra work or delay;
3. Consequential damages, including, but not limited to, loss of bonding capacity, loss of bidding opportunities, loss of credit standing, cost of financing, interest paid, loss of other work or insolvency;
4. Acceleration costs and expenses, except where the Department has expressly and specifically directed the Contractor in writing "to accelerate at the Department's expense"; nor
5. Attorney fees, claims preparation expenses and costs of litigation.

5-12.11 Exclusive Remedies: Notwithstanding any other provision of this Contract, the parties agree that the Department shall have no liability to the Contractor for expenses, costs, or items of damages other than those which are specifically identified as payable under 5-12. In the event any legal action for additional compensation, whether on account of delay, acceleration, breach of contract, or otherwise, the Contractor agrees that the Department's liability will be limited to those items which are specifically identified as payable in 5-12.

5-12.12 Settlement Discussions: The content of any discussions or meetings held between the Department and the Contractor to settle or resolve any claims submitted by the Contractor against the Department shall be inadmissible in any legal, equitable, arbitration or administrative proceedings brought by the Contractor against the Department for payment of

such claim. Dispute Resolution Board, State Arbitration Board and Claim Review Committee proceedings are not settlement discussions, for purposes of this provision.

5-12.13 Personal Liability of Public Officials: In carrying out any of the provisions of the Contract or in exercising any power or authority granted to the Secretary of Transportation, Engineer or any of their respective employees or agents, there shall be no liability on behalf of any employee, officer or official of the Department for which such individual is responsible, either personally or as officials or representatives of the Department. It is understood that in all such matters such individuals act solely as agents and representatives of the Department.

5-12.14 Auditing of Claims: All claims filed against the Department shall be subject to audit at any time following the filing of the claim, whether or not such claim is part of a suit pending in the Courts of this State. The audit may be performed, at the Department's sole discretion, by employees of the Department or by any independent auditor appointed by the Department, or both. The audit may begin after ten days written notice to the Contractor, subcontractor, or supplier. The Contractor, subcontractor, or supplier shall make a good faith effort to cooperate with the auditors. As a condition precedent to recovery on any claim, the Contractor, subcontractor, or supplier must retain sufficient records, and provide full and reasonable access to such records, to allow the Department's auditors to verify the claim and failure to retain sufficient records of the claim or failure to provide full and reasonable access to such records shall constitute a waiver of that portion of such claim that cannot be verified and shall bar recovery thereunder. Further, and in addition to such audit access, upon the Contractor submitting a written claim, the Department shall have the right to request and receive, and the Contractor shall have the affirmative obligation to submit to the Department any and all documents in the possession of the Contractor or its subcontractors, materialmen or suppliers as may be deemed relevant by the Department in its review of the basis, validity or value of the Contractor's claim.

Without limiting the generality of the foregoing, the Contractor shall upon written request of the Department make available to the Department's auditors, or upon the Department's written request, submit at the Department's expense, any or all of the following documents:

1. Daily time sheets and foreman's daily reports and diaries;
2. Insurance, welfare and benefits records;
3. Payroll register;
4. Earnings records;
5. Payroll tax return;
6. Material invoices, purchase orders, and all material and supply acquisition contracts;
7. Material cost distribution worksheet;
8. Equipment records (list of company owned, rented or other equipment used);
9. Vendor rental agreements and subcontractor invoices;
10. Subcontractor payment certificates;
11. Canceled checks for the project, including, payroll and vendors;
12. Job cost report;
13. Job payroll ledger;

14. General ledger, general journal, (if used) and all subsidiary ledgers and journals together with all supporting documentation pertinent to entries made in these ledgers and journals;

15. Cash disbursements journal;

16. Financial statements for all years reflecting the operations on this project;

17. Income tax returns for all years reflecting the operations on this project;

18. All documents which reflect the Contractor's actual profit and overhead during the years this Contract was being performed and for each of the five years prior to the commencement of this Contract;

19. All documents related to the preparation of the Contractor's bid including the final calculations on which the bid was based;

20. All documents which relate to each and every claim together with all documents which support the amount of damages as to each claim;

21. Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials, equipment, subcontractors, and all documents that establish which time periods and individuals were involved, and the hours and rates for such individuals.

FROM SECTION 6 – CONTROL OF MATERIALS (CONVICT LABOR AND BUY AMERICA).

6-5 Products and Source of Supply.

6-5.1 Source of Supply–Convict Labor (Federal-Aid Contracts Only): Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1. Materials produced by convicts on parole, supervised release, or probation from a prison or,

2. Materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

6-5.2 Source of Supply–Steel: Use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe,

prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project

FROM SECTION 7 – LEGAL REQUIREMENTS AND RESPONSIBILITIES TO THE PUBLIC (FHWA 1273, WAGE RATES, E-VERIFY, TITLE VI, DBE, AND ON-THE-JOB TRAINING)

Compliance with FHWA 1273: The FHWA-1273 Electronic version, dated May 1, 2012 is posted on the Department's website at the following URL address https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/deo112468a91904c88e94148b94569982fdff3d2.pdf?sfvrsn=6b78d1d6_2

Take responsibility to obtain this information and comply with all requirements posted on this website up through five calendar days before the opening of bids.

Comply with the provisions contained in FHWA-1273.

If the Department's website cannot be accessed, contact the Department's Specifications Office Web Coordinator at (850) 414-4101.

7-1.4 Compliance with Federal Endangered Species Act and other Wildlife

Regulations: The Federal Endangered Species Act requires that the Department investigate the potential impact to a threatened or endangered species prior to initiating an activity performed in conjunction with a highway construction project. If the Department's investigation determines that there is a potential impact to a protected, threatened or an endangered species, the Department will conduct an evaluation to determine what measures may be necessary to mitigate such impact. When mitigation measures and/or special conditions are necessary, these measures and conditions will be addressed in the Contract Documents or permits.

In addition, in cases where certain protected, threatened or endangered species are found or appear within close proximity to the project boundaries, the Department has established guidelines that will apply when interaction with certain species occurs, absent of any special mitigation measures or permit conditions otherwise identified for the project.

These guidelines are posted at the following URL address: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/endangeredwildlifeguidelines.pdf?sfvrsn=e27baf3f_2.

Take responsibility to obtain this information and take all actions and precautions necessary to comply with the conditions of these guidelines during all project activities.

Prior to establishing any off-project activity in conjunction with a project, notify the Engineer of the proposed activity. Covered activities include but are not necessarily limited to borrow pits, concrete or asphalt plant sites, disposal sites, field offices, and material or equipment storage sites. Include in the notification the Financial Project ID, a description of the activity, the location of the site by township, range, section, county, and city, a site location map including the access route, the name of the property owner, and a person to contact to arrange a site inspection. Submit this notification at least 30 days in advance of planned commencement of the off-site activity, to allow for the Department to conduct an investigation without delaying job progress.

Do not perform any off-project activity without obtaining written clearance from the Engineer. In the event the Department’s investigation determines a potential impact to a protected, threatened or endangered species and mitigation measures or permits are necessary, coordinate with the appropriate resource agencies for clearance, obtain permits and perform mitigation measures as necessary. Immediately notify the Engineer in writing of the results of this coordination with the appropriate resource agencies. Additional compensation or time will not be allowed for permitting or mitigation, associated with Contractor initiated off-project activities.

7-1.8 Compliance with Section 4(f) of the USDOT Act: Section 4(f) of the USDOT Act prohibits the U. S. Secretary of Transportation from approving a project which requires the use of publicly owned land of a public park, recreation area or a wildlife and waterfowl refuge, or of any historic site of national, state, or local significance unless there is no prudent or feasible alternative to using that land and the program or project includes all possible planning to minimize the harm to the site resulting from the use.

Before undertaking any off-project activity associated with any federally assisted undertaking, ensure that the proposed site does not represent a public park, recreation area, wildlife or waterfowl refuge, or a historic site (according to the results of the Cultural Resources Survey discussed in 120-6.2). If such a site is proposed, notify the Engineer and provide a description of the proposed off-site activity, the Financial Project ID, the location of the site by township, range, section, a county or city map showing the site location, including the access route and the name of the property. It is the Contractor’s responsibility to submit justification for use of Section 4(f) property that is sufficient for the Florida Department of Transportation and the Federal Highway Administration to make a Section 4(f) determination. Submit this notification sufficiently in advance of planned commencement of the off-site activity to allow a reasonable time for the Engineer to conduct an investigation without delaying job progress. Do not begin any off-project activity without obtaining written clearance from the Engineer.

7-16 Wage Rates for Federal-Aid Projects.

For this Contract, payment of predetermined minimum wages applies.

The U.S. Department of Labor (USDOL) Wage Rates applicable to this Contract are listed in table below, as modified up through ten days prior to the opening of bids.

Wage Rate Decision Number	Associated Work
FL20200186	Construction Type: Highway

Obtain the applicable General Decision(s) (Wage Tables) through the Department's Office of Construction website and ensure that employees receive the minimum compensation applicable. Review the General Decisions for all classifications necessary to complete the project. Request additional classifications through the Engineer's office when needed.

7-24 Disadvantaged Business Enterprise Program.

~~7-24.1 Disadvantaged Business Enterprise Affirmative Action Plan:~~ Prior to award of the Contract, have an approved Disadvantaged Business Enterprise (DBE) Affirmative Action Program Plan filed with the Equal Opportunity Office. Update and resubmit the plan every three years. No Contract will be awarded until the Department approves the Plan. The DBE Affirmative Action Program Plan is incorporated into and made a part of the Contract.

7-24.2 Required Contract and Subcontract DBE Assurance Language: In accordance with 49 CFR 26.13 (b), the Contract FDOT signs with the Contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance: "The Contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted Contracts. Failure by the Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to,

1. Withholding monthly progress payments;
2. Assessing sanctions;
3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible."

~~7-24.3 Plan Requirements:~~ Include the following in the DBE Affirmative Action Program Plan:

~~1. A policy statement, signed by an authorized representative (president, chief executive officer, or chairman of the contractor), expressing a commitment to use DBEs in all aspects of contracting to the maximum extent feasible, outlining the various levels of responsibility, and stating the objectives of the program. Circulate the policy statement throughout the Contractor's organization.~~

~~2. The designation of a Liaison Officer within the Contractor's organization, as well as support staff, necessary and proper to administer the program, and a description of the authority, responsibility, and duties of the Liaison Officer and support staff. The Liaison Officer and staff are responsible for developing, managing, and implementing the program on a day-to-day basis for carrying out technical assistance activities for DBEs and for disseminating information on available business opportunities so that DBEs are provided an equitable opportunity to participate in Contracts let by the Department.~~

~~3. Utilization of techniques to facilitate DBE participation in contracting activities which include, but are not limited to:~~

~~a. Soliciting price quotations and arranging a time for the review of Plans, quantities, specifications, and delivery schedules, and for the preparation and presentation of quotations.~~

~~b. Providing assistance to DBEs in overcoming barriers such as the inability to obtain bonding, financing, or technical assistance.~~

~~_____ e. Carrying out information and communication programs or workshops on contracting procedures and specific contracting opportunities in a timely manner, with such programs being bilingual where appropriate.~~

~~_____ d. Encouraging eligible DBEs to apply for certification with the Department.~~

~~_____ e. Contacting Minority Contractor Associations and city and county agencies with programs for disadvantaged individuals for assistance in recruiting and encouraging eligible DBE contractors to apply for certification with the Department.~~

7-24.4 DBE Records and Reports: Submit the following through the Equal Opportunity Compliance System:

1. DBE Commitments - at or before the Pre-Construction Conference.
2. Report monthly, through the Equal Opportunity Compliance System on the Department's Website, actual payments (including retainage) made to DBEs for work performed with their own workforce and equipment in the area in which they are certified. Report payments made to all DBE and Minority Business Enterprise (MBE) subcontractors and DBE and MBE construction material and major suppliers.

The Equal Opportunity Office will provide instructions on accessing this system. Develop a record keeping system to monitor DBE affirmative action efforts which include the following:

1. the procedures adopted to comply with these Specifications;
 2. the number of subordinated Contracts on Department projects awarded to DBEs;
 3. the dollar value of the Contracts awarded to DBEs;
 4. the percentage of the dollar value of all subordinated Contracts awarded to DBEs as a percentage of the total Contract amount;
 5. a description of the general categories of Contracts awarded to DBEs;
- and
6. the specific efforts employed to identify and award Contracts to DBEs.

Upon request, provide the records to the Department for review.

Maintain all such records for a period of five years following acceptance of final payment and have them available for inspection by the Department and the Federal Highway Administration.

7-24.5 Counting DBE Participation and Commercially Useful Functions:

49 CFR Part 26.55 specifies when DBE credit shall be awarded for work performed by a DBE. DBE credit can only be awarded for work actually performed by DBEs themselves for the types of work for which they are certified. When reporting DBE Commitments, only include the dollars that a DBE is expected to earn for work they perform with their own workforce and equipment. Update DBE Commitments to reflect changes to the initial amount that was previously reported or to add DBEs not initially reported.

When a DBE participates in a contract, the value of the work is determined in accordance with 49 CFR Part 26.55, for example:

1. The Department will count only the value of the work performed by the DBE toward DBE goals. The entire amount of the contract that is performed by the DBE's own forces (including the cost of supplies, equipment and materials obtained by the DBE for the contract work) will be counted as DBE credit.
2. The Department will count the entire amount of fees or commissions

charged by the DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services or for providing bonds or insurance specifically required for the performance of a Department-assisted contract, toward DBE goals, provided that the Department determines the fees to be reasonable and not excessive as compared with fees customarily followed for similar services.

3. When the DBE subcontracts part of the work of its contract to another firm, the Department will count the value of the subcontracted work only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

4. When a DBE performs as a participant in a joint venture, the Department will count the portion of the dollar value of the contract equal to the distinct, clearly defined portion of the work the DBE performs with its own forces toward DBE goals.

5. The Contractors shall ensure that only expenditures to DBEs that perform a commercially useful function (CUF) in the work of a contract may be counted toward the voluntary DBE goal.

6. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

7. Contractors wishing to use joint checks involving DBE credit must provide written notice to the District Contract Compliance Office prior to issuance of the joint check. The Contractor must also provide a copy of the notice to the DBE subcontractor and maintain a copy with the project records.

8. To determine whether a DBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.

9. A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.

10. If a DBE does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own workforce, or if the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, the DBE has not performed a commercially useful function.

7-24.6 Prompt Payments: Meet the requirements of 9-5 for payments to all DBE subcontractors.

7-25 On-The-Job Training Requirements.

As part of the Contractor's equal employment opportunity affirmative action program, training shall be provided as follows:

The Contractor shall provide On-The-Job Training aimed at developing full journeymen in the type of trade or job classification involved in the work. In the event the

Contractor subcontracts a portion of the contract work, it shall determine how many, if any, of the trainees are to be trained by the subcontractor provided, that the Contractor shall retain the primary responsibility for meeting the training requirements imposed by this Section. Ensure that, when feasible, 25% of trainees in each occupation are in their first year of training. The Contractor shall incorporate the requirements of this Section into such subcontract.

The number of trainees will be estimated on the number of calendar days of the contract, the dollar value, and the scope of work to be performed. The trainee goal will be finalized at a Post-Preconstruction Trainee Evaluation Meeting and the goal will be distributed among the work classifications based on the following criteria:

1. Determine the number of trainees on Federal Aid Contract:

a. No trainees will be required for contracts with a Contract Time allowance of less than 275 calendar days.

b. If the Contract Time allowance is 275 calendar days or more, the number of trainees shall be established in accordance with the following chart:

Estimated Contract Amount	Trainees Required
\$2,000,000 or less	0
Over \$2,000,000 to \$4,000,000	2
Over \$4,000,000 to \$6,000,000	3
Over \$6,000,000 to \$12,000,000	5
Over \$12,000,000 to \$18,000,000	7
Over \$18,000,000 to \$24,000,000	9
Over \$24,000,000 to \$31,000,000	12
Over \$31,000,000 to \$37,000,000	13
Over \$37,000,000 to \$43,000,000	14
Over \$43,000,000 to \$49,000,000	15
Over \$49,000,000 to \$55,000,000	16
Over \$55,000,000 to \$62,000,000	17
Over \$62,000,000 to \$68,000,000	18
Over \$68,000,000 to \$74,000,000	19
Over \$74,000,000 to \$81,000,000	20
Over \$81,000,000 to \$87,000,000	21
Over \$87,000,000 to \$93,000,000	22
Over \$93,000,000 to \$99,000,000	23
Over \$99,000,000 to \$105,000,000	24
Over \$105,000,000 to \$112,000,000	25
Over \$112,000,000 to \$118,000,000	26
Over \$118,000,000 to \$124,000,000	27
Over \$124,000,000 to \$130,000,000	28
Over \$130,000,000 to *	
*One additional trainee per \$6,000,000 of estimated Construction Contract amount over \$130,000,000	

Further, if the Contractor or subcontractor requests to utilize banked trainees as discussed later in this Section, a Banking Certificate will be validated at this meeting allowing credit to the Contractor for previously banked trainees. Banked credits of prime Contractors working as

Subcontractors may be accepted for credit. The Contractor's Project Manager, the Construction Project Engineer and the Department's District Contract Compliance Manager will attend this meeting. Within ten days after the Post-Preconstruction Training Evaluation Meeting, the Contractor shall submit to the Department for approval an On-The-Job Training Schedule indicating the number of trainees to be trained in each selected classification and the portion of the Contract Time during which training of each trainee is to take place. This schedule may be subject to change if any of the following occur:

1. When a start date on the approved On-The-Job Training Schedule has been missed by 14 or more days;

2. When there is a change in previously approved classifications;

3. When replacement trainees are added due to voluntary or involuntary termination

The revised schedule will be resubmitted to and approved by the Department's District Contract Compliance Manager.

The following criteria will be used in determining whether or not the Contractor has complied with this Section as it relates to the number of trainees to be trained:

1. Credit will be allowed for each trainee that is both enrolled and satisfactorily completes training on this Contract. Credit for trainees, over the established number for this Contract, will be carried in a "bank" for the Contractor and credit will be allowed for those surplus trainees in subsequent, applicable projects. A "banked" trainee is described as an employee who has been trained on a project, over and above the established goal, and for which the Contractor desires to preserve credit for utilization on a subsequent project.

2. Credit will be allowed for each trainee that has been previously enrolled in the Department's approved training program on another contract and continues training in the same job classification and completes their training on a different contract.

3. Credit will be allowed for each trainee who, due to the amount of work available in their classification, is given the greatest practical amount of training on the contract regardless of whether or not the trainee completes training.

4. Credit will be allowed for any training position indicated in the approved On-The-Job Training Schedule, if the Contractor can demonstrate that made a good faith effort to provide training in that classification was made.

5. No credit will be allowed for a trainee whose employment by the Contractor is involuntarily terminated unless the Contractor can clearly demonstrate good cause for this action.

Training and upgrading of minorities, women and economically disadvantaged persons toward journeyman status is a primary objective of this Section. Accordingly, the Contractor shall make every effort to enroll minority trainees and women (e.g., by conducting systematic and direct recruitment through public and private sources likely to yield minority and women trainees) to the extent such persons are available within a reasonable area of recruitment. If a non-minority male is enrolled into the On-The-Job Training Program, the On-The-Job Training Notification of Personnel Action Form notifying the District Contract Compliance Manager of such action shall be accompanied by a disadvantaged certification or a justification for such action acceptable to the Department's District Contract Compliance Manager. The Contractor will be given an opportunity and will be responsible for demonstrating the steps that it has taken in pursuance thereof, prior to a determination as to whether the Contractor is in compliance with this Section. This training is not intended, and shall not be used, to discriminate against any applicant for training, whether a minority, woman or disadvantaged person.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman status, or have been employed as a journeyman. The Contractor may satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, the Contractor's records should document the findings in each case.

The minimum length and type of training for each classification will be as established at the Post-Preconstruction Trainee Evaluation Meeting and approved by the Department. Graduation to journeyman status will be based upon satisfactory completion of a Proficiency Demonstration set up at the completion of training and established for the specific training classification, completion of the minimum hours in a training classification range, and the employer's satisfaction that the trainee does meet journeyman status in the classification of training. Upon reaching journeyman status, the following documentation must be forwarded to the District Contract Compliance Office:

1. Trainee Enrollment and Personnel Action Form
2. Proficiency Demonstration Verification Form indicating completion of each standard established for the classification signed by representatives of both the Contractor and the Department.

The Department and the Contractor shall establish a program that is tied to the scope of the work in the project and the length of operations providing it is reasonably calculated to meet the equal employment opportunity obligations of the Contractor and to qualify the average trainee for journeyman status in the classifications concerned, by at least, the minimum hours prescribed for a training classification. Furthermore, apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau and training programs approved but not necessarily sponsored by the U.S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training shall also be considered acceptable provided it is being administered in a manner consistent with the equal employment obligations of Federal Aid highway construction contract. Approval or acceptance of a training schedule shall be obtained from the Department prior to commencing work on the classifications covered by the program.

A voluntary On-The-Job Training Program is available to a Contractor which has been awarded a state funded project. Through this program, the Contractor will have the option to train employees on state funded projects for "banked credit" as discussed previously in this provision, to be utilized on subsequent Federal Aid Projects where training is required. Those Contractors availing themselves of this opportunity to train personnel on state funded projects and bank trainee hours for credit shall comply with all training criteria set forth in this Section for Federal Aid Projects; voluntary banking may be denied by the Department if staff is not available to monitor compliance with the training criteria.

It is the intention of these provisions that training is to be provided in the construction crafts rather than clerk-typists or secretarial type positions. Training is permissible in lower level management positions such as office engineers, estimators, etc., where the training is oriented toward construction applications. Training in the laborer classifications, except Common/General Laborer, may be permitted provided that significant and meaningful training is provided and approved by the District Contract Compliance Office.

When approved in advance by the District Contract Compliance Manager, credit will be given for training of persons in excess of the number specified herein under the current contract or a Contractor will be allowed to bank trainees who have successfully completed a training

program and may apply those trainees to a training requirement in subsequent project(s) upon approval of the Department's District Contract Compliance Manager. This credit will be given even though the Contractor may receive training program funds from other sources, provided such other source do not specifically prohibit the Contractor from receiving other form of compensation. Offsite training is permissible as long as the training is an integral part of an approved training program and does not compromise a significant part of the overall training. Credit for offsite training indicated above may only be made to the Contractor when it does one or more of the following and the trainees are concurrently employed on a Federal Aid Project:

1. Contributes to the cost of the training,
2. Provides the instruction to the trainee,
3. Pays the trainee's wages during the offsite training period.

The Contractor shall compensate the trainee at no less than the laborer rate established in the Contract at the onset of training. The compensation rate will be increased to the journeyman's wage upon graduation from the training program for the remainder of the time the trainee works in the classification in which they were trained.

The Contractor shall furnish the trainee a copy of the program they will follow in providing the training. The Contractor shall provide each trainee with a certification showing the type and length of training satisfactorily completed. The Contractor shall enroll a trainee in one training classification at a time to completion before the trainee can be enrolled in another classification on the same project.

The Contractor shall maintain records to document the actual hours each trainee is engaged in training on work being performed as a part of this Contract.

The Contractor shall submit to the District Contract Compliance Manager a copy of an On-The-Job Training Notification of Personnel Action form no later than seven days after the effective date of the action when the following actions occur: a trainee is transferred on the project, transferred from the project to continue training on another contract, completes training, is upgraded to journeyman status or voluntary terminates or is involuntary terminated from the project.

The Contractor shall furnish to the District Contract Compliance Manager a copy of a Monthly Time Report for each trainee. The Monthly Time Report for each month shall be submitted no later than the tenth day of the subsequent month. The Monthly Time Report shall indicate the phases and sub-phases of the number of hours devoted to each proficiency.

Highway or Bridge Carpenter Helper, Mechanic Helper, Rodman/Chainman, and Timekeeper classifications will not be approved for the On-The-Job Training Program.

The number of trainees may be distributed among the work classifications on the basis of the Contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

The Contractor will have fulfilled the responsibilities of this Specification when acceptable training has been provided to the trainee as specified above.

7-26 Cargo Preference Act – Use of United States-Flag Vessels.

Pursuant to Title 46 CFR 381, the Contractor agrees

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to

this Contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph 1 of this Article to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

3. To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this Contract.

7-29 E-Verify.

The Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

7-31 Title VI Assurance – DOT 1050.2A, Appendix A and Appendix E.

7-31.1 Appendix A: During the performance of this Contract, the Contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

1. Compliance with Regulations: The Contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the US Department of Transportation (hereinafter, "USDOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

2. Nondiscrimination: The Contractor, with regard to the work performed by it during the Contract, shall not discriminate on the basis of race, color, national origin or sex in the selection and retention of sub-contractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the Contract covers a program set forth in Appendix B of the Regulations.

3. Solicitations for subcontractors, including procurements of materials and equipment: In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, or sex.

4. Information and Reports: The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and Federal Motor Carrier

Safety Administration to be pertinent to ascertain compliance with such Regulations, order and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the Florida Department of Transportation, or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the Florida Department of Transportation shall impose such Contract sanctions as it or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:

a. withholding of payments to the Contractor under the Contract until the Contractor complies, or
b. cancellation, termination or suspension of the Contract, in whole or in part.

6. Incorporation of Provisions: The Contractor shall include the provisions of this appendix in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

7-31.2 Appendix E: During the performance of this Contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor" agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
2. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired of Federal or Federal-aid programs and projects);
3. Federal-Aid Highway Act of 1973, (23 U.S.C § 324 et seq.), (prohibits discrimination on the basis of sex);
4. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
5. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
6. Airport and Airway Improvement Act of 1982, (49 U.S.C. 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color national origins or sex);

7. The Civil Rights Restoration Act of 1987 (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

8. Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;

9. The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

10. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;

11. Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);

12. Title IX of the Education Amendments of 1972, as amended, which prohibits discrimination based on sex in education programs, or activities (20 U.S.C. 1681 et seq.).

FROM SECTION 8 (SUBLETTING, CONTRACT TIME EXTENSION, AND LIQUIDATED DAMAGES).

8-1 Subletting or Assigning of Contracts.

Do not, sell, transfer, assign or otherwise dispose of the Contract or Contracts or any portion thereof, or of the right, title, or interest therein, without written consent of the Department. If the Contractor chooses to sublet any portion of the Contract, the Contractor must provide a written request to sublet work on the Certification of Sublet Work form developed by the Department for this purpose. With the Engineer’s acceptance of the request, the Contractor may sublet a portion of the work, but shall perform with its own organization work amounting to not less than 40% of the total Contract amount. The Certification of Sublet Work request will be deemed acceptable by the Department, for purposes of the Department’s consent, unless the Engineer notifies the Contractor within 5 business days of receipt of the Certification of Sublet Work that the Department is not consenting to the requested subletting.

Include in the total Contract amount the cost of materials and manufactured component products, and their transportation to the project site. For the purpose of meeting this requirement the Department will not consider off-site commercial production of materials and manufactured component products that the Contractor purchases, or their transportation to the project, as subcontracted work.

If the Contractor sublets a part of a Contract item, the Department will use only the sublet proportional cost in determining the percentage of subcontracted normal work.

Execute all agreements to sublet work in writing and include all pertinent provisions and requirements of the Contract. All other agreements must be in writing and reference all applicable Contract provisions. Upon request, furnish the Department with a copy of the subcontract and agreement. The subletting of work does not relieve the Contractor or the surety of their respective liabilities under the Contract.

The Department recognizes a subcontractor only in the capacity of an employee or agent of the Contractor, and the Engineer may require the Contractor to remove the subcontractor as in the case of an employee.

8-7.3.2 Contract Time Extensions: The Department may grant an extension of Contract Time when a controlling item of work is delayed by factors not reasonably anticipated or foreseeable at the time of bid. The Department may allow such extension of time only for delays occurring during the Contract Time period or authorized extensions of the Contract Time period. When failure by the Department to fulfill an obligation under the Contract results in delays to the controlling items of work, the Department will consider such delays as a basis for granting a time extension to the Contract.

Whenever the Engineer suspends the Contractor's operations, as provided in 8-6, for reasons other than the fault of the Contractor, the Engineer will grant a time extension for any delay to a controlling item of work due to such suspension. The Department will not grant time extensions to the Contract for delays due to the fault or negligence of the Contractor.

The Department does not include an allowance for delays caused by the effects of inclement weather or suspension of Contractor's operations in establishing Contract Time. The Engineer will continually monitor the effects of weather and, when found justified, grant time extensions on either a bimonthly or monthly basis. The Engineer will not require the Contractor to submit a request for additional time due to the effects of weather.

The Department will grant time extensions, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions, related adverse soil conditions or suspension of operations that prevent the Contractor from productively performing controlling items of work resulting in:

1. The Contractor being unable to work at least 50% of the normal work day on pre-determined controlling work items; or
2. The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items.

No additional compensation will be made for delays caused by the effects of inclement weather.

The Department will consider the delays in delivery of materials or component equipment that affect progress on a controlling item of work as a basis for granting a time extension if such delays are beyond the control of the Contractor or supplier. Such delays may include an area-wide shortage, an industry-wide strike, or a natural disaster that affects all feasible sources of supply. In such cases, the Contractor shall furnish substantiating letters from a representative number of manufacturers of such materials or equipment clearly confirming that the delays in delivery were the result of an area-wide shortage, an industry-wide strike, etc. No

additional compensation will be made for delays caused by delivery of materials or component equipment.

The Department will not consider requests for time extension due to delay in the delivery of custom manufactured equipment such as traffic signal equipment, highway lighting equipment, etc., unless the Contractor furnishes documentation that he placed the order for such equipment in a timely manner, the delay was caused by factors beyond the manufacturer's control, and the lack of such equipment caused a delay in progress on a controlling item of work. No additional compensation will be paid for delays caused by delivery of custom manufactured equipment.

The Department will consider the affect of utility relocation and adjustment work on job progress as the basis for granting a time extension only if all the following criteria are met:

1. Delays are the result of either utility work that was not detailed in the Plans, or utility work that was detailed in the Plans but was not accomplished in reasonably close accordance with the schedule included in the Contract Documents.

2. Utility work actually affected progress toward completion of controlling work items.

3. The Contractor took all reasonable measures to minimize the effect of utility work on job progress, including cooperative scheduling of the Contractor's operations with the scheduled utility work at the preconstruction conference and providing adequate advance notification to utility companies as to the dates to coordinate their operations with the Contractor's operations to avoid delays.

As a condition precedent to an extension of Contract Time the Contractor must submit to the Engineer:

A preliminary request for an extension of Contract Time must be made in writing to the Engineer within ten calendar days after the commencement of a delay to a controlling item of work. If the Contractor fails to submit this required preliminary request for an extension of Contract Time, the Contractor fully, completely, absolutely and irrevocably waives any entitlement to an extension of Contract Time for that delay. In the case of a continuing delay only a single preliminary request for an extension of Contract Time will be required. Each such preliminary request for an extension of Contract Time shall include as a minimum the commencement date of the delay, the cause of the delay, and the controlling item of work affected by the delay.

Furthermore, the Contractor must submit to the Engineer a request for a Contract Time extension in writing within 30 days after the elimination of the delay to the controlling item of work identified in the preliminary request for an extension of Contract Time. Each request for a Contract Time extension shall include as a minimum all documentation that the Contractor wishes the Department to consider related to the delay, and the exact number of days requested to be added to Contract Time. If the Contractor contends that the delay is compensable, then the Contractor shall also be required to submit with the request for a Contract Time extension a detailed cost analysis of the requested additional compensation. If the Contractor fails to submit this required request for a Contract Time extension, with or without a detailed cost analysis, depriving the Engineer of the timely opportunity to verify the delay and the costs of the delay, the Contractor waives any entitlement to an extension of Contract Time or additional compensation for the delay.

Upon timely receipt of the preliminary request of Contract Time from the Contractor, the Engineer will investigate the conditions, and if it is determined that a controlling item of work is being delayed for reasons beyond the control of the Contractor the Engineer will take appropriate action to mitigate the delay and the costs of the delay. Upon timely receipt of the request for a Contract Time extension the Engineer will further investigate the conditions, and if it is determined that there was an increase in the time or the cost of performance of the controlling item of work beyond the control of the Contractor, then an adjustment of Contract Time will be made, and a monetary adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly.

The existence of an accepted schedule, including any required update(s), is a condition precedent to the Contractor having any right to the granting of an extension of Contract Time or any monetary compensation arising out of any delay. Contractor failure to have an accepted schedule, including any required update(s), for the period of potential impact, or in the event the currently accepted schedule and applicable updates do not accurately reflect the actual status of the project or fail to accurately show the true controlling or non-controlling work activities for the period of potential impact, will result in any entitlement determination as to time or money for such period of potential impact being limited solely to the Department's analysis and identification of the actual controlling or non-controlling work activities. Further, in such instances, the Department's determination as to entitlement as to either time or compensability will be final, unless the Contractor can prove by clear and convincing evidence to a Disputes Review Board that the Department's determination was without any reasonable factual basis.

8-10 Liquidated Damages for Failure to Complete the Work.

8-10.2 Amount of Liquidated Damages: Applicable liquidated damages are the amounts established in the following schedule:

Original Contract Amount	Daily Charge Per Calendar Day
\$50,000 and under.....	\$1,015
Over \$50,000 but less than \$250,000.....	\$1,045
\$250,000 but less than \$500,000.....	\$1,170
\$500,000 but less than \$2,500,000.....	\$1,690
\$2,500,000 but less than \$5,000,000.....	\$2,579
\$5,000,000 but less than \$10,000,000.....	\$3,756
\$10,000,000 but less than \$15,000,000.....	\$4,344
\$15,000,000 but less than \$20,000,000.....	\$5,574
\$20,000,000 and over.....	\$10,203 plus 0.00005 of any amount over \$20 million (Round to nearest whole dollar)

FROM SECTION 9 (PARTIAL PAYMENTS).

9-5 Partial Payments.

9-5.1 General: The Engineer will make partial payments on monthly estimates based on the amount of work that the Contractor completes during the month (including delivery of certain

materials, as specified herein below). The Engineer will make approximate monthly payments, and the Department will correct all partial estimates and payments in the subsequent estimates and in the final estimate and payment.

The Department will base the amount of such payments on the total value of the work that the Contractor has performed to the date of the estimate, based on the quantities completed and the Contract prices, less payments previously made and less any retainage withheld.

Retainage will not be withheld until the percent of Contract Time used exceeds 75%. From that time forward, the Department will withhold retainage of 10% of the amount due on the current estimate as retainage when the percent of Contract Time used exceeds the percent of Contract amount earned by more than 15%.

Contract amount is defined as the original Contract amount adjusted by approved supplemental agreements.

Retainage will be determined for each job on multiple job Contracts. The Department will not accept Securities, Certificates of Deposit or letters of credit as a replacement for retainage. Amounts withheld will not be released until payment of the final estimate.

9-5.2 Unsatisfactory Payment Record: In accordance with Sections 255.05 and 337.16 of the Florida Statutes, and the rules of the Department, the Department may disqualify the Contractor from bidding on future Department contracts if the Contractor's payment record in connection with contract work becomes unsatisfactory.

9-5.3 Withholding Payment:

9-5.3.1 Withholding Payment for Defective Work: If the Department discovers any defective work or material prior to the final acceptance, or if the Department has a reasonable doubt as to the integrity of any part of the completed work prior to final acceptance, then the Department will not allow payment for such defective or questioned work until the Contractor has remedied the defect and removed any causes of doubt.

9-5.3.2 Withholding Payment for Failure to Comply: The Department will withhold progress payments from the Contractor if he fails to comply with any or all of the following within 60 days after beginning work:

1. comply with and submit required paperwork relating to prevailing wage rate provisions, Equal Employment Opportunity, On-The-Job Training, and Affirmative Action;
2. comply with the requirement to all necessary information, including actual payments to DBEs, all other subcontractors and major suppliers, through the Internet based Equal Opportunity Reporting System;
3. comply with or make a good faith effort to ensure employment opportunity for minorities and females in accordance with the required contract provisions for Federal Aid Construction Contracts, and
4. comply with or make a good faith effort to meet On-The-Job Training goals.

The Department will withhold progress payments until the Contractor has satisfied the above conditions.

9-5.4 Release of Retainage After Acceptance: When the Contractor has furnished the Department with all submittals required by the Contract, such as invoices, EEO reports, materials certifications, certification of materials procured, etc., (excluding Contractor's letter of acceptance of final amount due and Form 21-A release) and the Engineer has determined that the measurement and computation of pay quantities is correct, the Department may reduce the

retainage to \$1,000 plus any amount that the Department elects to deduct for defective work as provided in 9-5.3.

The Department may deduct from payment estimates any sums that the Contractor owes to the Department on any account. Where more than one project or job (separate job number) is included in the Contract, the Department will distribute the reduced retainage as provided in the first paragraph of this Subarticle to each separate project or job in the ratio that the Contract value of the work for the particular job bears to the total Contract amount.

9-5.5 Partial Payments for Delivery of Certain Materials:

9-5.5.1 General: The Department will allow partial payments for new materials that will be permanently incorporated into the project and are stockpiled in approved locations in the project vicinity. Stockpile materials so that they will not be damaged by the elements and in a manner that identifies the project on which they are to be used.

The following conditions apply to all payments for stockpiled materials:

1. There must be reasonable assurance that the stockpiled material will be incorporated into the specific project on which partial payment is made.
2. The stockpiled material must be approved as meeting applicable specifications.
3. The total quantity for which partial payment is made shall not exceed the estimated total quantity required to complete the project.
4. The Contractor shall furnish the Engineer with copies of certified invoices to document the value of the materials received. The amount of the partial payment will be determined from invoices for the material up to the unit price in the Contract.
5. Delivery charges for materials delivered to the jobsite will be included in partial payments if properly documented.
6. Partial payments will not be made for materials which were stockpiled prior to award of the Contract for a project.

9-5.5.2 Partial Payment Amounts: The following partial payment restrictions apply:

1. Partial payments less than \$5,000 for any one month will not be processed.
2. Partial payments for structural steel and precast prestressed items will not exceed 85% of the bid price for the item. Partial payments for all other items will not exceed 75% of the bid price of the item in which the material is to be used.
3. Partial payment will not be made for aggregate and base course material received after paving or base construction operations begin except when a construction sequence designated by the Department requires suspension of paving and base construction after the initial paving operations, partial payments will be reinstated until the paving and base construction resumes.

9-5.5.3 Off Site Storage: If the conditions of 9-5.5.1 are satisfied, partial payments will be allowed for materials stockpiled in approved in-state locations. Additionally, partial payments for materials stockpiled in approved out-of-state locations will be allowed if the conditions of 9-5.5.1 and the following conditions are met:

1. Furnish the Department a Materials Bond stating the supplier guarantees to furnish the material described in the Contract to the Contractor and Department. Under this bond, the Obligor shall be the material supplier and the Obligees shall be the

Contractor and the Florida Department of Transportation. The bond shall be in the full dollar amount of the bid price for the materials described in the contract.

2. The following clauses must be added to the construction Contract between the Contractor and the supplier of the stockpiled materials:

“Notwithstanding anything to the contrary, <supplier> will be liable to the Contractor and the Florida Department of Transportation should <supplier> default in the performance of this agreement.”

“Notwithstanding anything to the contrary, this agreement, and the performance bond issued pursuant to this agreement, does not alter, modify, or otherwise change the Contractor’s obligation to furnish the materials described in this agreement to the Florida Department of Transportation.”

3. The agreement between the Contractor and the supplier of the stockpiled materials must include provisions that the supplier will store the materials and that such materials are the property of the Contractor.

9-5.6 Certification of Payment to Subcontractors: The term “subcontractor,” as used herein, includes persons or firms furnishing materials or equipment incorporated into the work or stockpiled for which the Department has made partial payment and firms working under equipment-rental agreements. The Contractor is required to pay all subcontractors for satisfactory performance of their Contracts before the Department will make a further progress (partial) payment. The Contractor shall also return all retainage withheld to the subcontractors within 30 days after the subcontractor’s work is satisfactorily complete, as determined by the Department. Prior to receipt of any progress (partial) payment, the prime contractor shall certify that all subcontractors having an interest in the Contract were paid for satisfactory performance of their Contracts and that the retainage is returned to subcontractors within 30 days after satisfactory completion of the subcontractor’s work. Provide this certification in the form designated by the Department.

Within 30 days of the Contractor’s receipt of the final progress payment or any other payments thereafter, except the final payment, the Contractor shall pay all subcontractors and suppliers having an interest in the Contract for all work completed and materials furnished. The Department will honor an exception to the above when the Contractor demonstrates good cause for not making any required payment and furnishes written notification of any such good cause to both the Department and the affected subcontractors or suppliers within said 30 day period.

The Contractor shall indemnify and provide defense for the Department when called upon to do so for all claims or suits against the Department, by third parties, pertaining to Contractor payment or performance issues arising out of the Contract. It is expressly understood that the monetary limitation on the extent of the indemnification shall be the approved Contract amount, which shall be the original Contract amount as may be increased by subsequent Supplemental Agreements.

**EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM).
(REV 1-23-12) (FA 2-27-12)**

**SECTION 120
EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM)**

120-1 Description.

120-1.1 General: Perform earthwork and related operations based on the type of work specified in the Contract and the Earthwork Categories as defined below. Meet the applicable requirements for materials, equipment and construction as specified.

Earthwork and related operations consists of excavation for the construction of the roadway, excavation for structures and pipe, constructing backfill around structures and pipe, and constructing embankments as required for the roadway, ditches, and channel changes.

120-1.2 Earthwork Categories: Performance of Earthwork Operations will fall into one of the following Earthwork Categories:

120-1.2.1 Earthwork Category 1: Includes the earthwork and related operations associated with the construction of sidewalks and bike paths along with any drainage structures associated with these facilities.

120-1.2.2 Earthwork Category 2: Includes the earthwork and related operations associated with the construction of turn lanes and other non-mainline traffic lanes, widening, roadway shoulders, concrete box culverts, retaining walls, and other drainage structures on the non-mainline pavement.

120-1.2.3 Earthwork Category 3: Includes the earthwork and related operations associated with the construction of new mainline pavement, along with concrete box culverts, retaining walls, and other drainage structures on the mainline pavement.

120-2 Classes of Excavation.

120-2.1 Excavation of Unsuitable Material: Excavation of unsuitable material consists of the removal of muck, clay, rock or any other material that is unsuitable in its original position and that is excavated below the finished grading template. For stabilized bases and sand bituminous road mixes, the finished grading template is the top of the finished base, shoulders and slopes. For all other bases and rigid pavement, the finished grading template is the finished shoulder and slope lines and bottom of completed base or rigid pavement.

120-2.2 Lateral Ditch Excavation: Lateral ditch excavation consists of all excavation of inlet and outlet ditches to structures and roadway, changes in channels of streams, and ditches parallel to the roadway right-of-way. Dress lateral ditches to the grade and cross-section shown in the plans.

120-2.3 Channel Excavation: Channel excavation consists of the excavation and satisfactory disposal of all materials from the limits of the channel as shown in the plans.

120-2.4 Excavation for Structures and Pipe: Excavation for structures consists of the excavation for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3 Excavation Requirements.

120-3.1 Excavation and Replacement of Unsuitable Materials: Where rock, muck, clay, or other material within the limits of the roadway is unsuitable in its original position, excavate such material to the cross-sections shown in the plans or indicated by the Engineer, and backfill with suitable material. Shape backfill materials to the required cross-sections. Where the removal of plastic soils below the finished earthwork grade is required, meet a construction tolerance of plus or minus 0.2 foot in depth and plus or minus 6 inches (each side) in width.

120-3.2 Lateral Ditch Excavation: Excavate inlet and outlet ditches to structures and roadway, changes in channels of streams and ditches parallel to the roadway. Dress lateral ditches to the grade and cross-section shown in the plans.

120-3.3 Channel Excavation: Excavate and dispose of all materials from the limits of the channel as shown in the plans. Excavate for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3.4 Excavation for Structures and Pipe.

120-3.4.1 Requirements for all Excavation: Excavate foundation pits to permit the placing of the full widths and lengths of footings shown in the plans, with full horizontal beds. Do not round or undercut corners or edges of footings. Perform all excavation to foundation materials, satisfactory to the Engineer, regardless of the elevation shown on the plans. Perform all excavation in stream beds to a depth at least 4 feet below the permanent bed of the stream, unless a firm footing can be established on solid rock before such depth is reached, and excavate to such additional depth as may be necessary to eliminate any danger of undermining. Wherever rock bottom is secured, excavate in such manner as to allow the solid rock to be exposed and prepared in horizontal beds for receiving the masonry. Remove all loose and disintegrated rock or thin strata. Have the Engineer inspect and approve all foundation excavations prior to placing masonry.

120-3.4.2 Earth Excavation:

120-3.4.2.1 Foundation Material other than the Rock: When masonry is to rest on an excavated surface other than rock, take special care to avoid disturbing the bottom of the excavation, and do not remove the final foundation material to grade until just before placing the masonry. In case the foundation material is soft or mucky, the Engineer may require excavation to a greater depth and to backfill to grade with approved material.

120-3.4.2.2 Foundation Piles: Where foundation piles are used, complete the excavation of each pit before driving the piles. After the driving is completed, remove all loose and displaced material, leaving a smooth, solid, and level bed to receive the masonry.

120-3.4.2.3 Removal of Obstructions: Remove boulders, logs, or any unforeseen obstacles encountered in excavating.

120-3.4.3 Rock Excavation: Clean all rock and other hard foundation material, remove all loose material, and cut all rock to a firm surface. Either level, step vertically and horizontally, or serrate the rock, as may be directed by the Engineer. Clean out all seams, and fill them with concrete or mortar.

120-3.4.4 Pipe Trench Excavation: Excavate trenches for pipe culverts and storm sewers to the elevation of the bottom of the pipe and to a width sufficient to provide adequate working room. Remove soil not meeting the classification specified as suitable backfill material in 120-8.3.2.2 to a depth of 4 inches below the bottom of the pipe elevation. Remove rock, boulders or other hard lumpy or unyielding material to a depth of 12 inches below the

bottom of the pipe elevation. Remove muck or other soft material to a depth necessary to establish a firm foundation. Where the soils permit, ensure that the trench sides are vertical up to at least the mid-point of the pipe.

For pipe lines placed above the natural ground line, place and compact the embankment, prior to excavation of the trench, to an elevation at least 2 feet above the top of the pipe and to a width equal to four pipe diameters, and then excavate the trench to the required grade.

120-4 Disposal of Surplus and Unsuitable Material.

120-4.1 Ownership of Excavated Materials: Dispose of surplus and excavated materials as shown in the plans or, if the plans do not indicate the method of disposal, take ownership of the materials and dispose of them outside the right-of-way.

120-4.2 Disposal of Muck on Side Slopes: As an exception to the provisions of 120-4.1, when approved by the Engineer, muck (A-8 material) may be placed on the slopes, or stored alongside the roadway, provided there is a clear distance of at least 6 feet between the roadway grading limits and the muck, and the muck is dressed to present a neat appearance. In addition, this material may also be disposed of by placing it on the slopes where, in the opinion of the Engineer, this will result in an aesthetically pleasing appearance and will have no detrimental effect on the adjacent developments. Where the Engineer permits the disposal of muck or other unsuitable material inside the right-of-way limits, do not place such material in a manner which will impede the inflow or outfall of any channel or of side ditches. The Engineer will determine the limits adjacent to channels within which such materials may be disposed.

120-4.3 Disposal of Paving Materials: Unless otherwise noted, take ownership of paving materials, such as paving brick, asphalt block, concrete slab, sidewalk, curb and gutter, etc., excavated in the removal of existing pavements, and dispose of them outside the right-of-way. If the materials are to remain the property of the Agency, place them in neat piles as directed. Existing limerock base that is removed may be incorporated in the stabilized portion of the subgrade. If the construction sequence will allow, incorporate all existing limerock base into the project as allowed by the Contract Documents.

120-4.4 Disposal Areas: Where the Contract Documents require disposal of excavated materials outside the right-of-way, and the disposal area is not indicated in the Contract Documents, furnish the disposal area without additional compensation.

Provide areas for disposal of removed paving materials out of sight of the project and at least 300 feet from the nearest roadway right-of-way line of any road. If the materials are buried, disregard the 300 foot limitation.

120-5 Materials for Embankment.

120-5.1 General Requirements for Embankment Materials: Construct embankments using suitable materials excavated from the roadway or delivered to the jobsite from authorized borrow pits.

Construct the embankment using maximum particle sizes as follows:

In top 12 inches: 3 1/2 inches (in any dimension).

12 to 24 inches: 6 inches (in any dimension).

In the depth below 24 inches: not to exceed 12 inches (in any dimension) or the compacted thickness of the layer being placed, whichever is less.

Spread all material so that the larger particles are separated from each other to minimize voids between them during compaction. Compact around these rocks in accordance with 120-7.2.

When and where approved by the Engineer, larger rocks (not to exceed 18 inches in any dimension) may be placed outside the one to two slope and at least 4 feet or more below the bottom of the base. Compact around these rocks to a firmness equal to that of the supporting soil. Where constructing embankments adjacent to bridge end bents or abutments, do not place rock larger than 3 1/2 inches in diameter within 3 feet of the location of any end-bent piling.

120-5.2 Use of Materials Excavated From the Roadway and Appurtenances: Assume responsibility for determining the suitability of excavated material for use on the project in accordance with the applicable Contract Documents. Consider the sequence of work and maintenance of traffic phasing in the determination of the availability of this material.

120-5.3 Authorization for Use of Borrow: Use borrow only when sufficient quantities of suitable material are not available from roadway and drainage excavation, to properly construct the embankment, subgrade, and shoulders, and to complete the backfilling of structures and pipe. Do not use borrow material until so ordered by the Engineer, and then only use material from approved borrow pits.

120-5.3.1 Haul Routes for Borrow Pits: Provide and maintain, at no expense to the Agency, all necessary roads for hauling the borrow material. Where borrow area haul roads or trails are used by others, do not cause such roads or trails to deteriorate in condition.

Arrange for the use of all non-public haul routes crossing the property of any railroad. Incur any expense for the use of such haul routes. Establish haul routes which will direct construction vehicles away from developed areas when feasible, and keep noise from hauling operations to a minimum. Advise the Engineer in writing of all proposed haul routes.

120-5.3.2 Borrow Material for Shoulder Build-up: When so indicated in the plans, furnish borrow material with a specific minimum bearing value, for building up of existing shoulders. Blend materials as necessary to achieve this specified minimum bearing value prior to placing the materials on the shoulders. Take samples of this borrow material at the pit or blended stockpile.

120-5.4 Materials Used at Pipes, Culverts, etc.: Construct embankments over and around pipes, culverts, and bridge foundations with selected materials.

120-6 Embankment Construction.

120-6.1 General: Construct embankments in sections of not less than 300 feet in length or for the full length of the embankment.

120-6.2 Dry Fill Method:

120-6.2.1 General: Construct embankments to meet compaction requirements in 120-7 and in accordance with the acceptance program requirements in 120-9. Restrict the compacted thickness of the last embankment lift to 6 inches maximum.

As far as practicable, distribute traffic over the work during the construction of embankments so as to cover the maximum area of the surface of each layer.

Construct embankment in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-6.2.1.1 For A-3 and A-2-4 Materials with up to 15% fines:
Construct the embankment in successive layers with lifts up to a maximum compacted thickness

of 12 inches. Ensure the percentage of fines passing the No. 200 US Standard sieve in the A-2-4 material does not exceed 15%.

120-6.2.1.2 For A-1 Plastic materials (As designated in FDOT Design Standard Index 505) and A-2-4 Materials with greater than 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 6 inches.

120-6.2.1.3 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, sumps and siphons.

When normal dewatering does not adequately remove the water, the Engineer may require the embankment material to be placed in the water or in low swampy ground in accordance with 120-7.2.4.

120-6.2.2 Placing in Unstable Areas: Where depositing the material in water, or in low swampy ground that will not support the weight of hauling equipment, construct the embankment by dumping successive loads in a uniformly distributed layer of a thickness not greater than necessary to support the hauling equipment while placing subsequent layers. Once sufficient material has been placed so that the hauling equipment can be supported, construct the remaining portion of the embankment in layers in accordance with the applicable provisions of 120-7.2.4 and 120-7.2.6.

120-6.2.3 Placing on Steep Slopes: When constructing an embankment on a hillside sloping more than 20 degrees from the horizontal, before starting the fill, deeply plow or cut into steps the surface of the original ground on which the embankment is to be placed.

120-6.2.4 Placing Outside Standard Minimum Slope: Where material that is unsuitable for normal embankment construction is to be used in the embankment outside the standard minimum slope (approximately one to two), place such material in layers of not more than 18 inches in thickness, measured loose. The Contractor may also place material which is suitable for normal embankment, outside such standard minimum slope, in 18 inch layers. Maintain a constant thickness for suitable material placed within and outside the standard minimum slope, unless placing in a separate operation.

120-6.3 Hydraulic Method:

120-6.3.1 Method of Placing: When the hydraulic method is used, as far as practicable, place all dredged material in its final position in the embankment by such method. Place and compact any dredged material that is re-handled, or moved and placed in its final position by any other method, as specified in 120-7.2. The Contractor may use baffles or any form of construction he may select, provided the slopes of the embankments are not steeper than indicated in the plans. Remove all timber used for temporary bulkheads or baffles from the embankment, and fill and thoroughly compact the holes thus formed. When placing fill on submerged land, construct dikes prior to beginning of dredging, and maintain the dikes throughout the dredging operation.

120-6.3.2 Excess Material: Do not use excess material placed outside the prescribed slopes, below the normal high-water level, to raise the fill. Remove only the portion of this material required for dressing the slopes.

120-6.3.3 Protection of Openings in Embankment: Leave openings in the embankments at the bridge sites. Remove any material which invades these openings or existing channels without additional compensation to provide the same depth of channel as existed before

the construction of the embankment. Do not excavate or dredge any material within 200 feet of the toe of the proposed embankment.

120-7 Compaction Requirements.

120-7.1 Moisture Content: Compact the materials at a moisture content such that the specified density can be attained. If necessary to attain the specified density, add water to the material, or lower the moisture content by manipulating the material or allowing it to dry, as is appropriate.

120-7.2 Compaction of Embankments:

120-7.2.1 Earthwork Category 1 and 2 Density Requirements: The Engineer will accept a minimum density of 95% of the maximum density as determined by AASHTO T-99 Method C for all earthwork items requiring densities.

120-7.2.2 Earthwork Category 3 Density Requirements: The Engineer will accept a minimum of 100% of the maximum density as determined by AASHTO T-99 Method C for all densities required under category 3.

Except for embankments constructed by the hydraulic method as specified in 120-6.3, and for the material placed outside the standard minimum slope as specified in 120-6.2.4, and for other areas specifically excluded herein, compact each layer of the material used in the formation of embankments to the required density stated above. Uniformly compact each layer using equipment that will achieve the required density, and as compaction operations progress, shape and manipulate each layer as necessary to ensure uniform density throughout the embankment.

120-7.2.3 Compaction Over Unstable Foundations: Where the embankment material is deposited in water or on low swampy ground, and in a layer thicker than 12 inches (as provided in 120-6.2.2), compact the top 6 inches (compacted thickness) of such layer to the density as specified in 120-9.5.

120-7.2.4 Compaction Where Plastic Material Has Been Removed: Where unsuitable material is removed and the remaining surface is of the A-4, A-5, A-6, or A-7 Soil Groups, as determined by the Engineer, compact the surface of the excavated area by rolling with a sheepfoot roller exerting a compression of at least 250 psi on the tamper feet, for the full width of the roadbed (subgrade and shoulders). Perform rolling before beginning any backfill, and continue until the roller feet do not penetrate the surface more than 1 inch. Do not perform such rolling where the remaining surface is below the normal water table and covered with water. Vary the procedure and equipment required for this operation at the discretion of the Engineer.

120-7.2.5 Compaction of Material To Be Used In Base, Pavement, or Stabilized Areas: Do not compact embankment material which will be incorporated into a pavement, base course, or stabilized subgrade, to be constructed as a part of the same Contract.

120-7.2.6 Compaction of Grassed Shoulder Areas: For the upper 6 inch layer of all shoulders which are to be grassed, since no specific density is required, compact only to the extent directed.

120-7.2.7 Compaction of Grassed Embankment Areas: For the outer layer of all embankments where plant growth will be established, do not compact. Leave this layer in a loose condition to a minimum depth of 6 inches for the subsequent seeding or planting operations.

120-7.3 Compaction of Subgrade: If the plans do not provide for stabilizing, compact the subgrade in both cuts and fills to the density specified in 120-9.5. For undisturbed soils, do

not apply density requirements where constructing narrow widening strips or paved shoulders 5 feet or less in width.

Where trenches for widening strips are not of sufficient width to permit the use of standard compaction equipment, perform compaction using vibratory rollers, trench rollers, or other type compaction equipment approved by the Engineer.

Maintain the required density until the base or pavement is placed on the subgrade.

120-8 Backfilling Around Structures and Pipe.

120-8.1 Requirements for all Structures:

120-8.1.1 General: Backfill around structures and pipe in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-8.1.2 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps, wellpoints and header pipe and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, perforated pipe drains, sumps and siphons.

120-8.1.3 Backfill Materials: Backfill to the original ground surface or subgrade surface of openings made for structures, with a sufficient allowance for settlement. The Engineer may require that the material used for this backfill be obtained from a source entirely apart from the structure.

Do not allow heavy construction equipment to cross over culvert or storm sewer pipes until placing and compacting backfill material to the finished earthwork grade or to an elevation at least 4 feet above the crown of the pipe.

120-8.1.4 Use of A-7 Material: In the backfilling of trenches, A-7 material may be used from a point 12 inches above the top of the pipe up to the elevation shown on the FDOT Design Standards as the elevation for undercutting of A-7 material.

120-8.1.5 Time of Placing Backfill: Do not place backfill against any masonry or concrete abutment, wingwall, or culvert until the Engineer has given permission to do so, and in no case until the masonry or concrete has been in place seven days or until the specified 28-day compressive strength occurs.

120-8.1.6 Placement and Compaction: When the backfill material is deposited in water, compact per 120-8.2.5 and 120-8.3.4. Place the material in horizontal layers not exceeding 6 inches compacted thickness, in depth above water level, behind abutments, wingwalls and end bents or end rest piers, and around box culverts and all structures including pipe culverts. The Engineer may approve placing material in thicker lifts of no more than 12 inches compacted thickness above the soil envelope if a test section demonstrates the required density can be achieved. Approval will be based on five passing density tests over the test section consisting of a lift of backfill from structure to structure. The Engineer will identify the test section with the compaction effort and soil classification in the Agency Logbook. In case of a change in compaction effort or soil classification, construct a new test section. The Engineer reserves the right to terminate the Contractor's use of thick lift construction and have him revert to the 6 inch compacted lifts whenever it is determined that satisfactory results are not being obtained.

120-8.2 Additional Requirements for Structures Other than Pipe:

120-8.2.1 Density: Where the backfill material is deposited in water, obtain a 12 inch layer of comparatively dry material, thoroughly compacted by tamping, before the Engineer verifies layer and density requirements. Meet the requirements of the density Acceptance Criteria.

120-8.2.2 Box Culverts: For box culverts over which pavement is to be constructed, compact around the structure to an elevation not less than 12 inches above the top of the structure, using rapid-striking mechanical tampers.

120-8.2.3 Other Limited Areas: Compact in other limited areas using mechanical tampers or approved hand tampers, until the cover over the structure is at least 12 inches thick. When hand tampers are used, deposit the materials in layers not more than 4 inches thick using hand tampers suitable for this purpose with a face area of not more than 100 in². Take special precautions to prevent any wedging action against the masonry, and step or terrace the slope bounding the excavation for abutments and wingwalls if required by the Engineer.

120-8.2.4 Culverts and Piers: Backfill around culverts and piers on both sides simultaneously to approximately the same elevation.

120-8.2.5 Compaction Under Wet Conditions: Where wet conditions do not permit the use of mechanical tampers, compact using hand tampers. Use only A-3 material for the hand tamped portions of the backfill. When the backfill has reached an elevation and condition such as to make the use of the mechanical tampers practical, perform mechanical tamping in such manner and to such extent as to transfer the compaction force into the sections previously tamped by hand.

120-8.3 Additional Requirements for Pipe 15 Inches Inside Diameter or Greater:

120-8.3.1 General: Trenches for pipe may have up to four zones that must be backfilled.

Lowest Zone: The lowest zone is backfilled for deep undercuts up to within 4 inches of the bottom of the pipe.

Bedding Zone: The zone above the Lowest Zone is the Bedding Zone. Usually it will be the backfill which is the 4 inches of soil below the bottom of the pipe. When rock or other hard material has been removed to place the pipe, the Bedding Zone will be the 12 inches of soil below the bottom of the pipe.

Cover Zone: The next zone is backfill that is placed after the pipe has been laid and will be called the Cover Zone. This zone extends to 12 inches above the top of the pipe. The Cover Zone and the Bedding Zone are considered the Soil Envelope for the pipe.

Top Zone: The Top Zone extends from 12 inches above the top of the pipe to the base or final grade.

120-8.3.2 Material:

120-8.3.2.1 Lowest Zone: Backfill areas undercut below the Bedding Zone of a pipe with coarse sand, or other suitable granular material, obtained from the grading operations on the project, or a commercial material if no suitable material is available.

120-8.3.2.2 Soil Envelope: In both the Bedding Zone and the Cover Zone of the pipe, backfill with materials classified as A-1, A-2, or A-3. Material classified as A-4 may be used if the pipe is concrete pipe.

120-8.3.2.3 Top Zone: Backfill the area of the trench above the soil envelope of the pipe with materials allowed on Design Standard, Index No. 505.

120-8.3.3 Compaction:

120-8.3.3.1 Lowest Zone: Compact the soil in the Lowest Zone to approximately match the density of the soil in which the trench was cut.

120-8.3.3.2 Bedding Zone: If the trench was not undercut below the bottom of the pipe, loosen the soil in the bottom of the trench immediately below the approximate middle third of the outside diameter of the pipe.

If the trench was undercut, place the bedding material and leave it in a loose condition below the middle third of the outside diameter of the pipe. Compact the outer portions to meet the density requirements of the Acceptance Criteria. Place the material in lifts no greater than 6 inches (compacted thickness).

120-8.3.3.3 Cover Zone: Place the material in 6 inches layers (compacted thickness), evenly deposited on both sides of the pipe, and compact with mechanical tampers suitable for this purpose. Hand tamp material below the pipe haunch that cannot be reached by mechanical tampers. Meet the requirements of the density Acceptance Criteria.

120-8.3.3.4 Top Zone: Place the material in layers not to exceed 12 inches in compacted thickness. Meet the requirements of the density Acceptance Criteria.

120-8.3.4 Backfill Under Wet Conditions: Where wet conditions are such that dewatering by normal pumping methods would not be effective, the procedure outlined below may be used when specifically authorized by the Engineer in writing.

Granular material may be used below the elevation at which mechanical tampers would be effective, but only material classified as A-3. Place and compact the material using timbers or hand tampers until the backfill reaches an elevation such that it's moisture content will permit the use of mechanical tampers. When the backfill has reached such elevation, use normally acceptable backfill material. Compact the material using mechanical tampers in such manner and to such extent as to transfer the compacting force into the material previously tamped by hand.

120-9 Acceptance Program.

120-9.1 Density over 105%: When a computed dry density results in a value greater than 105% of the applicable Proctor maximum dry density, the Engineer will perform a second density test within 5 feet. If the second density results in a value greater than 105%, investigate the compaction methods, examine the applicable Maximum Density and material description. If necessary, the Engineer will test an additional sample for acceptance in accordance with AASHTO T 99, Method C.

120-9.2 Maximum Density Determination: The Engineer will determine the maximum density and optimum moisture content by sampling and testing the material in accordance with the specified test method listed in 120-9.3.

120-9.3 Density Testing Requirements: Compliance with the requirements of 120-9.5 will be determined in accordance FM 1-T 238. The in-place moisture content will be determined for each density in accordance with FM 5-507 (Determination of Moisture Content by Means of a Calcium Carbide Gas Pressure Moisture Tester), or ASTM D 4643 (Laboratory Determination of Moisture Content of Granular Soils By Use of a Microwave Oven).

120-9.4 Soil Classification: The Engineer will perform soil classification tests in accordance with AASHTO T-88, and classify soils in accordance with AASHTO M-145 (Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway

Construction Purposes) in order to determine compliance with embankment utilization requirements.

120-9.5 Acceptance Criteria: The Engineer will accept a minimum density in accordance with 120-7.2 with the following exceptions:

- 1) embankment constructed by the hydraulic method as specified in 120-6.3;
- 2) material placed outside the standard minimum slope as specified in 120-6.2.4;
- 3) other areas specifically excluded herein.

120-9.6 Frequency: The Engineer will conduct sampling and testing at a minimum frequency listed in the table below.

Test Name	Frequency
Maximum Density	One per soil type
Density	1 per 500' RDWY (Alt Lift)
Soil Classification	One per Maximum Density

120-10 Maintenance and Protection of Work.

While construction is in progress, maintain adequate drainage for the roadbed at all times. Maintain a shoulder at least 3 feet wide adjacent to all pavement or base construction in order to provide support for the edges.

Maintain and protect all earthwork construction throughout the life of the Contract, and take all reasonable precautions to prevent loss of material from the roadway due to the action of wind or water. Repair any slides, washouts, settlement, subsidence, or other mishap which may occur prior to final acceptance of the work. Maintain all channels excavated as a part of the Contract work against natural shoaling or other encroachments to the lines, grades, and cross-sections shown in the plans, until final acceptance of the project.

120-11 Construction.

120-11.1 Construction Tolerances: Shape the surface of the earthwork to conform to the lines, grades, and cross-sections shown in the plans. In final shaping of the surface of earthwork, maintain a tolerance of 0.3 foot above or below the plan cross-section with the following exceptions:

1. Shape the surface of shoulders to within 0.1 foot of the plan cross-section.
2. Shape the earthwork to match adjacent pavement, curb, sidewalk, structures, etc.
3. Shape the bottom of ditches so that the ditch impounds no water.
4. When the work does not include construction of base or pavement, shape the entire roadbed (shoulder point to shoulder point) to within 0.1 foot above or below the plan cross-section.

Ensure that the shoulder lines do not vary horizontally more than 0.3 foot from the true lines shown in the plans.

120-11.2 Operations Adjacent to Pavement: Carefully dress areas adjacent to pavement areas to avoid damage to such pavement. Complete grassing of shoulder areas prior to placing the final wearing course. Do not manipulate any embankment material on a pavement surface.

When shoulder dressing is underway adjacent to a pavement lane being used to maintain traffic, exercise extreme care to avoid interference with the safe movement of traffic.

120-12 Method of Measurement.

120-12.1 Excavation: Excavation will be paid for by volume, in cubic yards, calculated by the method of average end areas, unless the Engineer determines that another method of calculation will provide a more accurate result. The material will be measured in its original position by field survey or by photogrammetric means as designated by the Engineer. Measurement for payment will include the excavation of unsuitable material, lateral ditch excavation, channel excavation, and excavation for structures and pipe. Payment will not be made for excavation or embankment beyond the limits shown in the plans or authorized by the Engineer.

120-12.2 Embankment: Measurement will be made on a loose volume basis, as measured in trucks or other hauling equipment at the point of dumping on the road. Payment will not be made for embankment beyond the limits shown in the plans or authorized by the Engineer.

120-13 Basis of Payment.

120-13.1 General: Prices and payments for the work items included in this Section will be full compensation for all work described herein, including excavating, dredging, hauling, placing, and compacting; dressing the surface of the earthwork; and maintaining and protecting the complete earthwork.

120-13.2 Excavation: The total quantity of all excavation specified under this Section will be paid for at the Contract unit price for Excavation. No payment will be made for the excavation of any materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials excavated outside the lines and grades given by the Engineer, unless specifically authorized by the Engineer.

120-13.3 Embankment: The total quantity of embankment specified in this Section will be paid for at the Contract unit price for embankment. No payment will be made for materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials placed outside the lines and grades given by the Engineer.

CONCRETE FOR LAP (OFF-SYSTEM).

(REV 12-20-11) (FA 2-27-12)

SECTION 344 CONCRETE FOR LAP (OFF-SYSTEM)

344-1 Description.

344-1 General: Construct concrete based on the type of work as described in the Contract and the concrete work categories as defined below.

344-1.2 Work Categories: Construction will fall into one of the following concrete work categories:

344-1.2.1 Concrete Work Category 1: Includes the construction of sidewalks, curb and gutter, ditch and slope pavement, or other non-reinforced cast-in-place elements.

344-1.2.2 Concrete Work Category 2: Includes the construction of precast concrete including concrete barriers, traffic railing barriers, parapets, sound barriers, inlets,

manholes, junction boxes, pipe culverts, storm sewers, box culverts, prestressed concrete poles, concrete bases for light poles, highway sign foundations, retaining wall systems, traffic separators or other structural precast elements.

344-1.2.3 Concrete Work Category 3: Includes the work associated with the placement and/or construction of structural cast-in-place concrete meeting the requirements of this section.

344-2 Materials.

344-2.1 General: Use concrete composed of a mixture of Portland cement, aggregates, and water, with or without chemical or mineral admixtures that meet the following requirements:

344-2.1.1 Portland Cement: Portland cements meeting the requirements of AASHTO M-85 or ASTM C-150 is required. Different brands of cement, cement of the same brand from different facilities or different types of cement shall be stored separately and shall not be mixed.

344-2.1.2 Coarse and Fine Aggregates: Aggregates shall meet ASTM C 33. Source approval by the FDOT is not required.

344-2.1.3 Water: Water shall meet the requirements of ASTM C 1602.

344-2.1.4 Chemical Admixtures: Chemical admixtures shall be listed on the FDOT Qualified Products List. Admixtures may be added at the dosage rates recommended by the manufacturer.

344-2.1.5 Pozzolans and Slag: Pozzolans and Slag shall meet the requirements of Table 344-1. Fly ash shall not include the residue resulting from the burning of municipal garbage or any other refuse with coal, or the burning of industrial or municipal garbage in incinerators.

Table 344-1		
Type or Class	Test Method	Exceptions
Class C Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
Class F Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
Petroleum Coke Class F	ASTM C 618	Not to be used with Types IP or IS cements.
Bark Ash Class F	ASTM C 618	Not to be used with Types IP or IS cements.
Silica Fume	ASTM C 1240	
Metakaolin	ASTM C 618	
Slag	ASTM C 989	Use only ground granulated blast-furnace slag grade 100 or 120.
Ultra Fine Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.

344-3 Production, Mixing and Delivery of Concrete.

344-3.1 Concrete Production Requirements:

344-3.1.1 Category 1: Use a concrete production facility that is certified by the National Ready Mixed Concrete Association (NRMCA) or listed on the FDOT list of non-structural concrete producers. Concrete production facilities listed on the FDOT Producers with Accepted QC Programs list for structural concrete may also be used for Category 1.

344-3.1.2 Category 2: Use a prestressed and or precast facility listed on the FDOT Producers with Accepted QC Programs for precast or prestressed concrete.

344-3.1.3 Category 3: Use a structural concrete facility listed on the FDOT Producers with Accepted QC Programs for structural concrete.

344-3.2 Classes of Concrete: Meet the requirements of Table 344-2.

Table 344-2						
Class	Minimum Strength (28 day) (psi)	Target Slump (inches)	Target Range (inches)	Air Content Range (%)	Minimum Total Cementitious Materials Content (lb/yd ³)	Maximum Water to Cementitious Material Ratio (lb/lb)
Category 1						
Class NS	2,500	N/A	N/A	N/A	N/A	N/A
Category 3						
I	3,000	3	± 1.5	1.0 to 6.0	470	0.53
I (Pavement)	3,000	2	± 1.5	1.0 to 6.0	470	0.50
II	3,400	3	± 1.5	1.0 to 6.0	470	0.53
II (Bridge Deck)	4,500	3	± 1.5	1.0 to 6.0	611	0.44
III	5,000	3	± 1.5	1.0 to 6.0	611	0.44
III (Seal)	3,000	8	± 1.5	1.0 to 6.0	611	0.53
IV	5,500	3	± 1.5	1.0 to 6.0	658	0.41
IV (Drilled Shaft)	4,000	8.5	± 1.5	0.0 to 6.0	658	0.41
V (Special)	6,000	3	± 1.5	1.0 to 6.0	752	0.37
V	6,500	3	± 1.5	1.0 to 6.0	752	0.37
VI	8,500	3	± 1.5	1.0 to 6.0	752	0.37

344-3.3 Contractors Quality Control: For Categories 1 and 2, assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times.

For Category 3, furnish a Quality Control (QC) plan to identify to the Engineer how quality will be ensured at the project site. During random inspections, the Engineer will use this document to verify that the construction of the project is in agreement with the QC plan.

344-3.4 Concrete Mix Design: Before producing any Category 1 or Category 2, submit the proposed mix designs to the Engineer on a form provided by the Engineer. For Category 3, submit to the Engineer for approval, FDOT approved mix designs. Do not use concrete mix designs without prior approval of the Engineer.

Materials may be adjusted provided that the theoretical yield requirement of the approved mix design is met. Show all required original approved design mix data and batch adjustments on an Engineer approved concrete delivery ticket.

344-3.5 Delivery: For Category 3, the maximum allowable transit time of concrete is 90 minutes.

Furnish a delivery ticket on a form approved by the Engineer with each batch of concrete before unloading at the placement site. Record material quantities incorporated into the mix on the delivery ticket. Ensure that the Batcher responsible for producing the concrete signs the delivery ticket certifying that the batch was produced and delivered in accordance with these

requirements. Sign the delivery ticket certifying that the concrete was placed in accordance with these requirements.

344-3.6 Placing Concrete:

344-3.6.1 Concreting in Cold Weather: Do not mix or place concrete when the air temperature at placement is below 45°F.

During the curing period, if NOAA predicts the ambient temperature to fall below 35°F for 12 hours or more or to fall below 30°F for more than 4 hours, enclose the structure in such a way that the air temperature within the enclosure can be kept above 50°F for a period of 3 days after placing the concrete or until the concrete reaches a minimum compressive strength of 1,500 psi.

Assume all risks connected with the placing and curing of concrete.

Although the Engineer may give permission to place concrete, the Contractor is responsible for satisfactory results. If the placed concrete is determined to be unsatisfactory, remove, dispose of, and replace the concrete at no expense to the Agency.

344-3.6.2 Concreting in Hot Weather: For Category 3, hot weather concreting is defined as the production, placing and curing of concrete when the concrete temperature at placing exceeds 86°F but is less than 100°F.

Unless the specified hot weather concreting measures are in effect, reject concrete exceeding 86°F at the time of placement. Regardless of special measures taken, reject concrete exceeding 100°F. Predict the concrete temperatures at placement time and implement hot weather measures to avoid production shutdown.

344-3.7 Mixers: For Category 3 concrete, do not place concrete from a truck mixer that does not have a current FDOT mixer identification card.

344-3.8 Small Quantities of Concrete: With approval of the Engineer, small quantities of concrete, less than 3 cubic yards placed in one day and less than 0.5 cubic yards placed in a single placement may be accepted using a pre-bagged mixture. The Engineer may verify that the pre-bagged mixture is prepared in accordance with the manufacturer's recommendations and will meet the requirements of this Specification.

344-3.9 Sampling and Testing:

344-3.9.1 Category 1: The Engineer may sample and test the concrete to verify its quality. The minimum 28 day compressive strength requirement for this concrete is 2,500 psi.

344-3.9.2: Category 2: No sampling and testing is required for category 2.

344-3.9.3 Category 3: The Engineer will randomly select a sample from each 200 cubic yards or one day's production to determine plastic properties and to make three 4 x 8 inch cylinders for testing by the Engineer at 28 days to ensure that the design compressive strength has been met for the class of concrete as specified in Table 344-2.

344-3.10 Records: Ensure the following records are available for review for at least 3 years after final acceptance of the project:

1. Approved concrete mix designs.
2. Materials source (delivery tickets, certifications, certified mill test reports).
3. A copy of the scale company or testing agency report showing the observed deviations from quantities checked during calibration of the scales and meters.
4. A copy of the documentation certifying the admixture weighing/measuring devices.

344-4 Acceptance of the Work.

344-4.1 Category 1 Work: Category 1 work will be accepted based on certification by the batcher and contractor on the delivery ticket.

344-4.2 Category 2 Work: Certify that the precast elements were produced by a production facility on the FDOT's list of Producers with Accepted QC Programs for precast or prestressed concrete. In addition, the producer's logo shall be stamped on the element. The producer shall not use the Florida Department of Transportation QC stamp on elements used on this project. Provide a statement of certification from the manufacturer of the precast element that the element meets the requirements of this Specification.

344-4.3 Category 3 Work: Category 3 concrete will be accepted based on the Engineer's test results for plastic properties and compressive strength requirements for the class of concrete as defined in Table 344-2. In addition, a Delivery Ticket as described in 344-3.5 will be required for acceptance of the material at the project site.

344-4.4 Small Quantities of Concrete: Category 3 concrete meeting the definition of 344-3.8 will be accepted in accordance with 344-4.3 based on test results for plastic properties and compressive strength.

344-5 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

344-6 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in this Section.

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – LAWS TO BE OBSERVED - COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT AND OTHER WILDLIFE REGULATIONS (BEAR).

(REV 6-6-17) (FA 6-13-17) (1-21)

SUBARTICLE 7-1.4 is expanded by the following:

The Department has determined that Florida black bears (*Ursus americanus floridanus*) occur in the project area. Unless stored overnight in a sealed, manufacturer-labeled bear-resistant container or in a locked metal container, remove garbage and food debris from the construction site daily to eliminate possible sources of food that could encourage and attract bears. Human bear conflicts are to be reported to the FWC Hotline at 1-888-404-3922.

**THIS COMPLETES
THIS
SPECIFICATIONS
PACKAGE**

"General Decision Number: FL20200186 01/03/2020

Superseded General Decision Number: FL20190186

State: Florida

Construction Type: Highway

County: Santa Rosa County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2020

* SUFL2013-047 08/19/2013

	Rates	Fringes
CARPENTER.....	\$ 13.71	0.00

CEMENT MASON/CONCRETE FINISHER, Includes Form Work.....	\$ 12.05	0.00
ELECTRICIAN.....	\$ 22.11	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Striping Machine).....	\$ 13.81	0.00
HIGHWAY/PARKING LOT STRIPING: Painter.....	\$ 12.13	0.00
IRONWORKER, ORNAMENTAL.....	\$ 13.48	0.00
IRONWORKER, REINFORCING.....	\$ 16.24	0.00
IRONWORKER, STRUCTURAL.....	\$ 16.42	0.00
LABORER (Traffic Control Specialist).....	\$ 11.51	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 11.63	0.00
LABORER: Common or General.....	\$ 10.01	0.00
LABORER: Flagger.....	\$ 10.25	0.00
LABORER: Grade Checker.....	\$ 10.83	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.81	0.00
LABORER: Pipelayer.....	\$ 11.70	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 14.69	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 14.07	0.00
OPERATOR: Broom/Sweeper.....	\$ 11.10	1.89
OPERATOR: Bulldozer.....	\$ 14.25	0.00
OPERATOR: Concrete Finishing Machine.....	\$ 15.44	0.00
OPERATOR: Crane.....	\$ 21.23	0.00
OPERATOR: Curb Machine.....	\$ 19.21	0.00

OPERATOR: Drill.....	\$ 14.78	0.00
OPERATOR: Forklift.....	\$ 12.29	0.00
OPERATOR: Gradall.....	\$ 14.71	0.00
OPERATOR: Grader/Blade.....	\$ 15.36	0.00
OPERATOR: Loader.....	\$ 11.78	0.00
OPERATOR: Mechanic.....	\$ 15.84	0.00
OPERATOR: Milling Machine.....	\$ 13.29	1.92
OPERATOR: Oiler.....	\$ 16.32	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 13.07	0.00
OPERATOR: Piledriver.....	\$ 17.23	0.00
OPERATOR: Post Driver (Guardrail/Fences).....	\$ 17.02	0.00
OPERATOR: Roller.....	\$ 12.13	0.00
OPERATOR: Scraper.....	\$ 12.01	0.00
OPERATOR: Screed.....	\$ 14.40	0.00
OPERATOR: Trencher.....	\$ 16.04	0.00
PAINTER: Spray.....	\$ 19.57	0.00
TRUCK DRIVER: Dump Truck.....	\$ 11.00	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.28	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 13.35	0.00
TRUCK DRIVER: Slurry Truck.....	\$ 11.96	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.90	0.00

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the

Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing

this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter

* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

"

EEO SAMPLE DOCUMENTS AND WORKSHEETS

The following are items that will be required during the course of the bidding/construction process. The EEO requirements for this project are limited to the list below. These are example worksheets/forms to use while preparing your bid/construction documents.

EEO Policy and Procedure Sample

EEO Compliance Manual Tables 1.7.6.1-5

Inspection Report for Job Site Bulletin Board - Form 275-021-10

Contractor's Project EEO Report – Form 275-010-12

Certification Compliance with Equal Employment Opportunity Provisions on Federal Contracts - Form 700-011-13

Employee Interview – Form 700-010-63

Certification of Sublet Work – Form 700-010-36

Notice of Rental Agreement – Form 700-010-11

Contractor Notification to FDOT for Use of Temporary Employment Agency / Day Laborers – Form 275-021-15

Anticipated DBE Participation Statement – LAP – Form 275-030-12

DBE Bid Package Information – Form 275-030-11

LAP Certification of Current Capacity – Form 525-010-46

Certification of Disclosure of Lobbying Activities – Form 375-030-33

Disclosure of Lobbying Activities – Form 375-030-34

Non-Collusion Declaration and Compliance with 49 CFR – Form 575-060-13

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Form 375-030-32

hereafter referred to as ‘the Company’ or ‘this Company’ has adopted this policy and procedure

Date:

By:

EEO POLICY STATEMENT

It is the policy of this Company to comply and cooperate to the fullest extent with all applicable regulations of the Equal Employment Opportunity Provisions of the Civil Rights Act of 1964, Executive Order 11246, the Rehabilitation Act of 1973 (29 U.S.C. 793), the Americans with Disabilities Act (ADA) of June 26, 1990 and the Vietnam Era Veterans Readjustment Assistance Act of 1972, all as amended. This policy pertains, as far as the responsibility of this Company is concerned, to any arrangement under which employees, including trainees, are selected for work.

It is the policy of this Company not to discriminate against any employee or applicant for employment because of race, religion, color, age, sex, and national origin, disabilities or Vietnam Era and Special Disabled Veterans status.

This Company will take affirmative action to assure equal employment opportunity to all qualified persons, and that employees are treated equally during employment without regard to their race, religion, color, age, sex, national origin, disabilities, or Vietnam Era and Special Disabled Veteran’s status. Such action shall include but not be limited to:

1. Employment, upgrading, demotion, or transfer
2. Recruitment and recruitment advertising
3. Layoff or termination
4. Rate of pay or other forms of compensation
5. Selection for training, including apprenticeship, pre-apprenticeship and/or on-the-job training

EEO OFFICER DUTIES

It is the policy of this Company to continuously maintain the appointment of an Equal Employment Opportunity Officer (EEO Officer). The name and contact information for the EEO Officer will be communicated along with this policy. The EEO Officer has responsibility for effectively administering and promoting an active program of equal employment opportunity. The EEO Officer will coordinate the EEO efforts of superintendents, supervisors, foremen and others in the position of hiring personnel

This Company's EEO Officer has the responsibility for effectively administering and promoting an active program of equal employment opportunity within the Company. The EEO Officer will make recommendations, where appropriate, to correct any deficiencies found in the Company's program. The EEO Officer will ensure that this policy and procedure are being carried out.

EEO Procedure

It is the policy of this Company that there not be any discrimination by virtue of race, religion, color, age, sex, national origin, disabilities or Vietnam Era and Special Veterans status, in the functions of hiring, placement, up-grading, transfer or demotion. In addition, there shall not be any discriminatory practices in recruitment, advertising, or solicitation for employment, rates of pay or other forms of compensation, selection for training including apprenticeship, layoff or termination, or treatment during employment. The Company has affirmative action obligations in the hiring of minorities, females, disabled and veteran's applicants.

We will not use goals, timetables or affirmative action standards to discriminate against any person because of their race, religion, color, age, national origin, disabilities, or Vietnam Era and Special Disabled Veteran's status.

This Company shall take specific affirmative action's to ensure equal opportunity. Our compliance with this policy and pprocedure shall be based upon our efforts to achieve maximum results from our actions and we shall document our efforts fully. This Company will implement specific affirmative action steps, at least as extensive as the following actions to ensure equal employment opportunity:

1. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all times and in all facilities at which our employees are assigned to work. We shall specifically ensure that all foremen, superintendents and other on-site supervisory personnel are aware of and carry out our obligations to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
2. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when we have employment opportunities available, and maintain a record of the organization's responses.
3. Maintain a current file of the names, addresses and telephone numbers of each minority and females off-the-street applicant or female referral from a union and minority or female referrals from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the Union hiring hall for referral and was not referred back to the company by the union or, if referred, not employed by the Company, this shall be documented in the file with the reason therefore, along with whatever additional actions the company may have taken.

4. When applicable, provide immediate written notification to the Director when the union or unions with which we have a collective bargaining agreement have not referred to us a minority person or woman sent by us, or when we have other information that the union referral process has impeded our efforts to meet our obligations.
5. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the company's employment needs, especially those programs funded or approved by the Department of Labor. We shall provide notice of these programs to the sources complied under "2" above.
6. Disseminate the Company EEO Policy notice by providing notice to the unions and training programs and requesting their cooperation in assisting us in meeting our EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the Company EEO Policy on bulletin boards accessible to all employees at each location where construction work is performed.
7. Review, at least annually, the Company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents, General Foremen, etc. prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed and disposition of the subject matter.
8. Disseminate the Company EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media and providing written notification to and discussing the company EEO policy with other contractors and subcontractors with whom the company does or anticipates doing business.
9. Direct our recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to female recruitment and training organizations serving our recruitment area and our employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, we shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
10. We will encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth, both on the site and in other areas of our workforce.

11. Validate all test and other selection requirements meet the requirements of 41 CFR Part 60-300.
12. Conduct at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to prepare for, through appropriate training, etc., such opportunities.
13. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory affect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and our obligations under these specifications are being carried out.
14. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilets and necessary changing facilities shall be provided to assure privacy between the sexes.
15. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
16. Conduct a review, at least annually, of all supervisors' adherence to and performance under the company EEO policies and affirmative action obligations.

RECORDS

This Company will keep records to monitor all employment related activity to ensure that the company's EEO policy is being carried out. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates and changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed.

REPORTING OF COMPLAINTS

If at any time anyone feels he or she has been discriminated against because of sex, race, religion, color, age, national origin, disabilities, or Vietnam Era and Social Disabled Veteran status, they should report this matter to the company EEO Officer whose name and contact information is communicated along with this policy.

The EEO Officer will investigate all complaints of alleged discrimination made to the company in connection with its contractual obligations. The EEO Officer will attempt to resolve such complaints, corrective actions to be taken, and will then follow up on actions taken and their effect. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective actions shall include such other persons. Upon completion of each investigation, the EEO Officer will inform every

complainant of all of their avenues of appeal. The following are the addresses for avenues for appeals.

<p>Company EEO Officer</p> <p>See name and contact information subsequently shown or posted.</p>	<p>Florida Commission on Human Relations 4075 Esplanade Way, Room 110 Tallahassee, FI 32399</p> <p>(850) 488-7082 or (800) 342-8170</p>
<p>U.S. Dept. of Labor, Regional Director Office of Federal Contract Compliance 61 Forsyth Street, SW, Room 7B-75 Atlanta, GA 30303</p> <p>(404)-893-4545</p>	<p>Federal Highway Administration Florida Division 545 John Knox Road Suite 200 Tallahassee, FI 32303</p> <p>(850) 553-2200</p>
<p>U.S. Equal Employment Opportunity Commission Miami District Office 100 SE 2nd Street Suite 1500 Miami, FI 33131</p> <p>(800) 669-4000</p>	<p>U.S. Equal Employment Opportunity Commission Tampa District Office 501 East Polk Street, Suite 1000 Tampa, FI 33602</p> <p>(800) 669-4000</p>

has made the following designation in accordance with the EEO Policy and Procedure

Date:

By:

EQUAL EMPLOYMENT OPPORTUNITY OFFICER:

EEO OFFICER

NAME:

ADDRESS:

EMAIL ADDRESS

PHONE:

Table 1.7.6.1

Summary of DBE Requirements		FEDERALLY FUNDED		STATE FUNDED	
		P R I M E	Sub-contract (\$10,000+) Rental (\$10,000 +) with operator Suppliers or Subs (under \$10k) or Rental w/out operator Agencies supplying job site workers	P R I M E	Subcontract (\$10,000+) Rental (\$10,000 +) with operator Suppliers or Subs (under \$10k) or Rental w/out operator Agencies supplying job site workers
PROGRAM ELEMENT	TIME FRAME				
DBE /AA Plan	Initial submission before submission of bid	Y E S	NO	Y E S	NO
DBE Liaison Officer	Initial appointment at time of DBE/AA Plan adoption and throughout the term of the contract	Y E S	NO	Y E S	NO
Bid Opportunity List	Submitted using the EOC System.	Y E S	NO	Y E S	NO
DBE Commitments	Initially submitted in the EOC System before the Preconstruction Conference. Maintained throughout the contract. Updates will automatically occur in the EOC system.	Y E S	NO	Y E S	NO
Actual Payments to DBE's	Monthly entry of payments to DBEs in the EOC System	Y E S	NO	Y E S	NO
Commercially Useful Function Review (CUF)		YES	YES	NO	NO
Footnotes:					
Y E S	Data is submitted in timeframe specified				

Table 1.7.6.2

Summary of Company EEO Requirements		FEDERALLY FUNDED				STATE FUNDED			
		P R I M E	Sub Contractor (\$10,000+)	Supplier	Agencies supplying job site workers	P R I M E	Subcontractor (\$10,000+)	Supplier	
Rental Agreement (\$10,000 +) with operator	Sub Contractor (under \$10,000)		Rental w/out operators	Subcontractor (under \$10,000)				Rental w/out operators	Agencies supplying job site workers
EEO/ AA Policy & Plan	Comply as Required by FHWA- 1273	Y E S	Y E S	NO	NO*	NO	NO	NO	
EEO Officer	Initial appointment before 1 st work day	Y E S	Y E S	NO	NO*	Y E S	Y E S	NO	
Supervisory and Personnel Office EEO Meetings	Initial Meeting prior to 1 st workday. Subsequent meetings at 6-month Intervals; new appointees within 30 days	Y E S	Y E S	NO	NO*	NO	NO	NO	
Company Wide EEO Report	To be made available upon request for a compliance review or determination of OJT.	Y E S	Y E S	NO	NO*	NO	NO	NO	
Contractor Recruitment Program	Initiate before 1 st workday. Records to be made available upon request of FDOT or FHWA.	Y E S	Y E S	NO	NO	NO	NO	NO	
Non-segregated facilities	Throughout the term of the contract(s)	Y E S	Y E S	NO	Y E S	NO	NO	NO	
Analysis for Non-discrimination	Throughout the term of the contract(s)	Y E S	Y E S	NO	NO*	NO	NO	NO	
<u>Footnotes:</u>									
Y E S	Data is submitted in timeframe specified								
Y E S	Data is not routinely submitted to FDOT but records reflecting compliance are required.								
*	Covered under data of employing contractor								

Table 1.7.6.3

Summary of Project EEO Requirements		FEDERALLY FUNDED				STATE FUNDED		
		P R I M E	Sub Contractor (\$10,000+)	Supplier	Agencies supplying job site workers	P R I M E	Sub Contractor (\$10,000+)	Supplier
Rental Agreement (\$10,000 +) with operator	Subs (under \$10,000)		Rental w/out operator	Subcontractor (under \$10,000)			Rental w/out operators	Agencies supplying job site workers
Job Site Bulletin Board	In place on or before workers first appear on the project; removed when workers are no longer on the project.	Y E S	Y E S	NO	NO*	NO	NO	NO
Annual July EEO Report (FHWA 1391)	Due by August 20 th	Y E S	Y E S	NO	Included on Report of employing contractor if OJT the week reported	NO	NO	NO
EEO Information to Project Personnel	Routinely inform employees of EEO; no specified interval;	Y E S	Y E S	NO	Included in communications of employing contractor	NO	NO	NO
Project EEO Report(s)	To be made available upon request.	Y E S	Y E S	NO	Included on Report of employing contractor if OJT the week reported	NO	NO	NO
<u>Footnotes:</u>								
Y E S	Data is submitted in timeframe specified							
Y E S	Data is not routinely submitted for contracts let Jan. 2005 - August 2012 (i.e. Element is included in Certification of Compliance).							

Table 1.7.6.4

Summary of OJT Training Requirements		FEDERALLY FUNDED (Contract of at least \$2 million and 275 days)		STATE FUNDED OJT may be authorized on a voluntary basis for banking purposes provided the Contract is at least \$2 million and 275 days and an RCS is avail. To monitor	
		P R I M E	Sub- contractor Enrolling & Instructing a Trainee	P R I M E	Sub-contractor Enrolling & Instructing a Trainee
PROGRAM ELEMENT	TIME FRAME				
Company Wide EEO Report	Due as requested and/or at or before Training Evaluation Meeting	Y E S	Y E S	Y E S	Y E S
Post Pre-Construction Training Evaluation Meeting	Conducted no more than 30 days prior to beginning construction or at another date agreeable to attendees. Meeting minutes are distributed with 14 days of their finalization with initial minutes issued as soon as practical and 14 days provided for requests to revise	Y E S	Y E S	Y E S	Y E S
OJT Training Schedule	Due or developed at or within ten days of the Training Evaluation Meeting. Schedule Revisions are due when events are missed by 14 or more days, the use of additional classifications is requested or trainees terminate.	Y E S	Y E S	Y E S	Y E S
Proficiency Statements for each Training Classification on the OJT Schedule	Due or developed at or within ten days of the Training Evaluation Meeting for each training classification listed on the Schedule. Proficiency statements for additional classifications accompany OJT Schedule Revisions.	Y E S	Y E S	Y E S	Y E S
Notification of Trainee Personnel Action	Due within seven days of proposed effective date; Request to Graduate is due once minimum hours are accumulated and satisfactory observation occurs.	Y E S	Y E S	Y E S	Y E S
Request for Proficiency Observation	First and second observation requests may be submitted based on trainee readiness and accumulation of at least minimum hours. Third and subsequent observation requests require accumulation of maximum hours.	Y E S	Y E S	Y E S	Y E S
Trainee Monthly Time Reports	Due on the 10 th day of the month for each month following enrollment of the trainee up to graduation of trainee	Y E S	Y E S	Y E S	Y E S
Footnotes:					
Y E S	Data is submitted in timeframe specified				

Table 1.7.6.5

Summary of Payroll & Wage EEO Requirements		FEDERALLY FUNDED				STATE FUNDED		
		PRIME	Sub Contractor (all dollar amounts)	Supplier	Agencies supplying job site workers	PRIME	Sub Contractor (all dollar amounts)	Supplier
PROGRAM ELEMENT	TIME FRAME		Rental Agreement with operator (all dollar amounts)	Rental w/out operators			Rental Agreement with operator (all dollar amounts)	Rental w/out operators
		Employee Interview of craft and laborer Workers	Conducted each month. This form is completed by FDOT or representative	YES	YES	NO	YES	NO
Certified Payrolls	Due 7 days after regular pay day for each week in which any contract work is performed	YES	YES	NO	YES	NO	NO	NO
Additional classification Request	As needed during the term of the contract and after contract award	YES	YES	NO	YES	NO	NO	NO
Request to USDOL for Authorization of Payroll Deductions	Prior to employing workers on the project and as needed to ensure continuity of authorization.	YES	YES	NO	YES	NO	NO	NO
Supplemental Certified Payrolls submitted to resolve Payroll Violation(s)	Due within twenty (20) calendar days following receipt of payroll violation notification (FDOT form 700-010-59)	YES	YES	NO	YES	NO	NO	NO
Footnotes:								
YES	Data is submitted in timeframe specified							

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
INSPECTION REPORT FOR JOB SITE BULLETIN BOARD

SECTION 1		PROJECT			SECTION 2		INSPECTOR				
Prime Contractor					Name & Title of Person performing inspection						
Financial Project #.			County		Date Inspected (M/D/Y)						
Circle applicable wage tables HIGHWAY HEAVY WATER/SEWER BUILDING					Photos Taken? (attach to Inspection Report)				Yes No		
SECTION 3		LOCATION & STYLE			SECTION 4		CONDITION				
Specific Location (Road/Street)					Access to fixture is clear				Yes No		
					Protective cover is in good condition				Yes No		
Location is within Project Limits?			Yes No		Documents are at readable height				Yes No		
Describe style of fixture & covering					Documents are not faded /water stained				Yes No		
					Each document is clearly / fully displayed				Yes No		
Comments Section 3					Comments Section 4						
SECTION 5		FDOT REQUIRED POSTERS			SECTION 6		WAGE INFORMATION				
EEO Is The Law and Supplement			Yes No		Is each page of every Wage table posted?				Yes No		
Fl. Law Prohibits Discrimination (bi-lingual)			Yes No		Is Additional Wage Decisions Posted?				Yes No		
Notice			Yes No		Number of Additional Classifications listed						
Employee Rights Under Davis Bacon			Yes No		SECTION 7		US DEPT OF LABOR POSTERS				
Wage Determination Appeals			Yes No		Family & Medical Leave Act Rights				Yes No		
<i>(ARRA projects only)</i> ARRA Whistleblowers Poster			Yes No		OSHA Safe Healthful Workplace in English & Spanish				Yes No		
Comments -Sections 5-6 or 7:					Employee Polygraph protections				Yes No		
SECTION 8		EEO OFFICERS LIST (FDOT FORM # 275-020-28) Prior to Inspection, list each Subcontractor									
Name of Contractor		Co. Name	Officer's Name	Address	Phone #	Name of Contractor		Co. Name	Officer's Name	Address	Phone #
PRIME		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
		Yes No	Yes No	Yes No	Yes No		Yes No	Yes No	Yes No	Yes No	Yes No
Comments Section 8											
SECTION 9		COMPLIANCE STAFF'S DETERMINATION OF COMPLIANCE									
Compliance Comments											
Is Bulletin Board in Compliance?					Yes No		If 'No' was written notice issued to prime			Yes No	
Compliance Staff Signature									Date of Signature		

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
EMPLOYEE INTERVIEW FORM-LABOR

"Confidential: All information in this form shall remain confidential to the extent permitted by law, including Florida Statutes Chapter 119"

Section A – RCS'S PROJECT IDENTIFICATION

A. Fin. Project #			
B. F.A.P. #		C. Contract #	
D. Prime			

Section B - INTERVIEWER'S IDENTIFICATION

E. Interviewer	First & Last Name (print)	
	Signature	
F. Interviewer's Employer		
G. Date of Interview		

Section 1 - IDENTITY DATA SUPPLIED BY EMPLOYEE

1. Employee	First & Last Name	
	Signature	
2. Employee ID or last four of SS No.		
3. Employed by		
4. How long with the company?		
5. How long on this project?		
6. Employee Sex	Male	Female
7. Employee Race	Caucasian	Black
	Hispanic	Am Ind/Al
	Asian	2/+races
	Native Hi./P.	Islander

Section 2 - JOB & PAY DATA SUPPLIED BY EMPLOYEE

8. What is your job or position?	
9. How much are you paid an hour?	
10. Are you paid every week?	Yes No
11. Do you receive time and ½ for hours worked over 40?	Yes No
12. Did the company pay for your hardhat and vest?	Yes No
13. Have you seen the project bulletin board with the wage and job posters?	Yes No
14. Were you told to give someone money or favors to get this job? Or to keep your job?	Yes No

Section 3 - DEDUCTION DATA SUPPLIED BY EMPLOYEE

15. Is money taken from your check for Insurance, loans, uniforms, child support etc?		
Taxes Insurance 401K Uniform Travel Loan/Advances Child Support	Repayments Credit Card Charges Per Diem Company Purchases Safety Equipment Alimony Stock	Charitable Contributions Direct Deposits Union Fees & Dues Transportation Other _____

Section 4 - FRINGE DATA SUPPLIED BY EMPLOYEE

16. Are you paid for holidays, sick days, vacation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. Does the company pay any of your insurance?	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. Employee comments/explanations	

Over
➔

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
EMPLOYEE INTERVIEW FORM-LABOR

"Confidential: All information in this form shall remain confidential to the extent permitted by law, including Florida Statutes Chapter 119"

Section C - INTERVIEWER'S OBSERVATION

H. Describe employee's work you observed at time of interview.

I. List/describe the tools/equipment the employee was using/operating.

No Tools No Equip

J. Interviewer Comments

Section D - RCS' REVIEW & ACTION

K. RCS	First & Last Name	Date
---------------	-------------------	------

L. Payroll vs. Wage Determination Minimum Rate and Fringe

As shown on Payroll:			As indicated in observation ("H" and "I"):		
Classification			Classification		
Rate Paid	Fringe Paid	Total	Rate Minimum	Fringe Minimum	Total
WD Rate	WD Fringe	WD Total	Is the classification shown on the payroll equal to or greater than the classification as observed ("H" and "I")? <input type="checkbox"/> Yes <input type="checkbox"/> No		

If Fringe Benefits are required, how are they paid to the employee? NA - not required Cash Benefits Combination

M. Are there any discrepancies between work observed, tools and equipment used, classification and rate of pay?
 Yes No If yes, please explain.

Discrepancy: <input type="checkbox"/> Improper Classification <input type="checkbox"/> Wages paid <input type="checkbox"/> Not Listed on payroll <input type="checkbox"/> Other:	Was a payroll violation issued? <input type="checkbox"/> Yes Code # _____ <input type="checkbox"/> No
--	---

N. Any concerns from Section 2 or 3? Yes No

O. Comments N/A

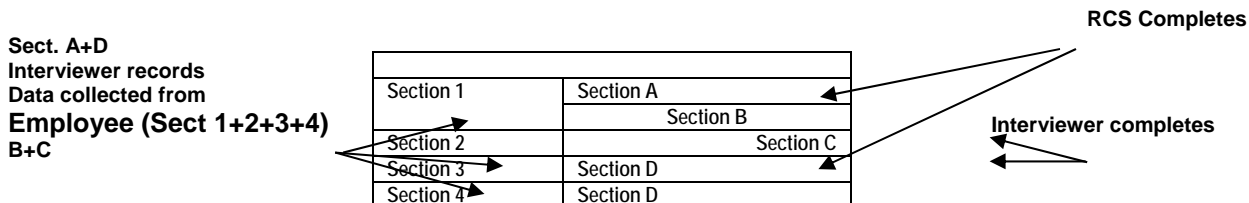
P. Payroll Correction received if applicable: _____ Date

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
EMPLOYEE INTERVIEW FORM-LABOR

"Confidential: All information in this form shall remain confidential to the extent permitted by law, including Florida Statutes Chapter 119"

GENERAL

This form should be electronically signed by the employee and the Interviewer.
Data is collected by observing and communicating with project workers and it is recorded on this form to assist in determining EEO and payroll compliance.
The Interviewer records data collected from the employee in Sections 1, 2, 3 & 4
The interviewer completes Section B
The interviewer completes Section C based on the work observed the employee performing
Section A & Section D is completed by the RCS



EMPLOYEE INTERVIEW FORM

Information recorded on the Employee Interview Form is to be kept confidential and separate from standard Compliance program records.

DIRECTIONS FOR COMPLETING FORM

Section A- PROJECT IDENTITY SUPPLIED BY RCS

- The RCS completes this section before giving the form to the Interviewer.
- A. Financial Project No. – The Florida Department of Transportation’s Financial Project Number
 - B. F.A.P. Number – The Federal Aid Project Number assigned to federally funded projects
 - C. Contract Number- FDOT contract number
 - D. Prime Contractor- Name of Prime

Section B-INTERVIEWER’S IDENTIFICATION

- This is the first section that the Interviewer completes
- E. Interviewer’s Name and Electronic Signature.
An electronic signature can be applied by stylus or finger, utilizing Adobe Reader on a computer or iPad.
For more information, visit [<http://www.fdot.gov/construction/Wage.shtm>].
 - F. Interviewers’ Employer: FDOT or CCEI firm on the project
 - G. Date of interview: Month/Day /year

Section 1- IDENTITY DATA SUPPLIED BY EMPLOYEE

- The interviewer records the answers supplied by the employee
1. Employee: Print first and last name & have employee electronically sign below their name.
 2. Employee Identification number or last four of Social Security number.
 3. Employed by: name of the contractor or temporary agency the employee is working for.
 4. How long with Company? Months and/or years employee has worked for company
 5. How long on this project? Months and or years employee has worked on this project.
 6. Employee Sex: Record male or female
 7. Employee Race: Record the race which the employee identifies with

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
EMPLOYEE INTERVIEW FORM-LABOR

"Confidential: All information in this form shall remain confidential to the extent permitted by law, including Florida Statutes Chapter 119"

Section 2- JOB & PAY DATA SUPPLIED BY EMPLOYEE

The interviewer records the answers supplied by the employee

8. – 14. Enter Employee Response

Section 3- EEO DATA SUPPLIED BY EMPLOYEE

The interviewer records the answers supplied by the employee.

15. Enter Employee Response

Section 4- FRINGE DATA SUPPLIED BY EMPLOYEE

The interviewer records the answers supplied by the employee.

16. – 18. Enter Employee Response

Section C-INTERVIEWER'S OBSERVATION

The Interviewer completes this section before speaking with the employee and before performing the interview. The data provided is based on what the interviewer observes just prior to the interview

H. Describe the work observed at the time of the interview (e.g. digging trench for placement of pipe)

I. List/describe the tools/equipment the employee was using/operating. OR mark 'No Equip' or 'No Tools' if none were used.

J. Interviewer Comments

The interviewer's work is now complete and the form should be turned into the Resident Compliance Specialist.

Section D- RCS'S REVIEW & ACTION

K. RCS's Name and date of review.

L. Payroll versus Wage Determination ('WD) Minimum Rate and Fringe:

AS SHOWN ON PAYROLL: Review the certified payroll for the week that includes the date shown in box G (Date of Interview). Record the payroll's classification, Rate paid, Fringe paid and Total as well as the Wage Determination Rate, Fringe and Total.

AS INDICATED IN OBSERVATION ('H'): Review the work/equipment described in 'H' and list the appropriate classification, rate minimum, fringe minimum and total.

Indicate whether the classification shown on the payroll is equal to or greater than the classification as observed ('H' & 'I').

IF FRINGE IS REQUIRED, HOW ARE THEY PAID? Indicate if the employee receives cash, benefits or some

combination if fringe is required. If fringe is not required, mark NA

M. Are there any discrepancies between work, tools and equipment used, classification, rate paid or fringes? If yes, please explain by selecting the discrepancy. If the discrepancy warrants a payroll violation, indicate the appropriate code or check no if a payroll violation is not required.

N. Any Concerns from Sections 2 or 3? Do the employee comments indicate any concerns for the RCS: If so, mark Yes and add comments as noted in box O.

O. RCS comments or mark NA or indicate date Interview Letter was issued.

P. Enter Date payroll was corrected.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF SUBLET WORK

TO: THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

Date:
Request No.:
FAP No.:
Fin. Proj. ID:
Cont. No.:
County: _____
Total Contract Amount
Total Work

General Info
<u>Prime Contractor</u>
F.E.I.D. #

Contractor

By: _____

Address

Change	Subcontractor Name	Tier	FEID #	Subcontract to Whom	Work Description	Partial	Total Amt Sublet	DBE/ NON DBE
TOTAL								

All pertinent provisions and requirements of the prime contract including but not limited to Required Contract Provisions Federal-Aid Construction Contracts (FHWA-1273) and Special Provisions - Specific Equal Opportunity Responsibilities (Per 23 CFR-633B of Federal-Aid Policy Guide) will be part of the subcontract. It is agreed that an Executed or a certified copy of the subcontract will be submitted upon request, to the State of Florida Department of Transportation. All sublets will be in continued compliance with all Contract provisions and that the Contractor will continue to perform the minimum percentage of Contract work with its own organization, as required by said Contract. It is recognized and agreed that, as prime contractor, the undersigned remains responsible for the proper performance of all requirements of said contract does not relieve or release the undersigned and his surety or either of them of any liability under the contract bond. The Contractor shall send a copy of this form to the subcontractor/ subordinate (with a copy of FHWA-1273 on Federal-Aid Projects) and the Surety Company. The Prime certify that firms or individuals, debarred or suspended by the FHWA or the Department, are not being used as subcontractors.

A false statement or omission made in connection with this certification is sufficient cause for suspension, revocation, or denial of qualification to bid, and a determination of non-responsibility, and may subject the person and/or entity making the false statement to any and all civil and criminal penalties available pursuant to applicable Federal and State Law.

State of Florida
 County of _____

Sworn to (or affirmed) and subscribed before me, by means of physical presence or online notarization, this _____ day of _____ (year), by _____
 (Print name of person signing Certification)

 Notary Public, not required when digital

Commission Expires _____
 Personally Knowns _____ OR Produced Identification _____
 Type of Identification Produced _____

Instructions for Form:

The contractor must provide enough information through a Schedule "A" spreadsheet to determine which pay-item(s) are being sublet, the amounts, and cost. For sublet calculations, the amount will be calculated based on the actual contract unit price(s) unless there is a partial sublet. For partial sublets, use the unit prices from the actual sub-contract.

- 1) Enter the Date of the certification of sublet work was prepared.
- 2) Enter the sequential number of the request starting with number 1.
- 3) Enter the Federal Aid Project number for the Prime Contractor if any.
- 4) Enter the Financial Project Identification number of the Contract.
- 5) Enter the Contract number of the Contract with the Department.
- 6) Enter the County name where the work is being performed.
- 7) Enter the Name of the Prime Contractor.
- 8) Enter the FEID number of the Prime Contractor.
- 9) Enter the Original Contract dollar amount (round to nearest whole dollar).
- 10) Enter a "Y" in the space marked Change if any information on the line has changed since the previous certification of sublet work was prepared. Otherwise, leave blank.
- 11) Enter the Subcontractor names. Enter all the subcontractor(s) regardless of their tier.
- 12) Enter the tier number for the subcontractor. If the subcontractor works directly for the Prime Contractor, enter a "1". If he works one level below, enter a "2" and so on.
- 13) Enter the FEID number of the Subcontractor(s).
- 14) Enter the name of the pertinent Contractor or Subcontractor that hired subcontractor.
- 15) Enter a short description of the work to be performed.
- 16) Enter a "P" if any pay-item for the sublet is a partial sublet.
- 17) Enter the DBE status for the subcontractor: "D" for DBE, "N" for non-DBE.
- 18) The Department may require subcontractor to be prequalified with the Department as described in the Special Provisions and the Bid Solicitation Notice whenever construction projects contain certain classes of work that require specific expertise.
- 19) One (1) copy of this form shall be submitted to the District Office by the contractor.
- 20) To be signed by principal of the firm or someone with the delegated authority and notarized.
 - a) Note: Notary not required when form is digitally signed.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
NOTICE OF RENTAL AGREEMENT

700-010-11
CONSTRUCTION
08/19

PROJECT ADMINISTRATOR/ENGINEER: _____ DATE: _____

CONTRACT NO: _____ F.A.P. NO(S): _____

FIN PROJECT NO(S): _____

PRIME CONTRACTOR: _____

CONTRACTOR RENTING EQUIPMENT: _____

LESSOR: _____ LESSOR PHONE: _____

LESSOR ADDRESS: _____

LESSOR FEIN: _____

DOES THE ESTIMATED TOTAL AMOUNT OF THIS AGREEMENT EXCEED \$10,000? YES NO

EQUIPMENT TO BE RENTED:

With Operators Operators will be on Lessor's Payroll

Without Operators Operators must be carried on the payroll of the Lessees, i.e., Prime Contractor or Authorized Subcontract

- NOTES:
1. All operators are subject to applicable wage rate provisions included in the contract for this project.
 2. Only equipment which requires the reasonably constant attention of an operator or operation staff may be rented on a "with operator" basis. Items such as forms, hand tools, pumps, air compressors, etc., may not be rented on a "with operator" basis.
 3. When equipment is rented on a "with operator" basis for use on a Federal Aid project, the lessor must submit certified copies of weekly payroll listings covering the operators to the Project Engineer.
 4. This written agreement will not be required when contractor rents equipment (without operator) from a firm whose principal business is renting or leasing equipment.

EQUIPMENT LISTED AS FOLLOWS:

- | | |
|----|-----|
| 1. | 7. |
| 2. | 8. |
| 3. | 9. |
| 4. | 10. |
| 5. | 11. |
| 6. | 12. |

DESCRIPTION OF WORK TO BE PERFORMED BY THIS AGREEMENT:

- A.
- B.

Signed: _____
(Contractor's Designated Official)

REVIEWED BY: _____
Project Administrator/ Project Engineer

Date

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**NOTICE FOR USE OF
 TEMPORARY EMPLOYMENT AGENCY / DAY LABORERS**

SECTION 1: PROJECT IDENTIFICATION

1. Financial Project No.	2. F.A.P. No.	3. Contract No.	4. County	5. District
6. Prime Contractor's Name		7. Prime Contractor's FEID No.		
8. Wage Table(s) Applicable to this Project (Indicate Yes or No for each type and identify Decision No., Modification No & Publication Date)				
	<i>CONSTRUCTION TYPE</i>	<i>GENERAL DECISION NO. (E.G. FL030037)</i>	<i>MODIFICATION NO.(E.G. 1)</i>	<i>PUBLICATION DATE(E.G. 6/12/2009)</i>
<input type="checkbox"/> Yes <input type="checkbox"/> No	HIGHWAY			
<input type="checkbox"/> Yes <input type="checkbox"/> No	HEAVY			

SECTION 2: IDENTIFICATION OF CONTRACTOR AND TEMPORARY AGENCY

9. Name of Contractor Using the Temporary Employment Agency	10. FEID Number of Contractor Using Temporary Agency
11. Full Name of Temporary Employment Agency Used	12. FEID Number of Temporary Employment Agency
13. Temporary Agency LOCAL Phone Number including area code	14. Temporary Agency Main Office Phone Number including area code
15. Temporary Agency LOCAL Address Street, city, state, zip code	16. Temporary Agency Main Office Address Street, city, state, zip code
17. Name of LOCAL contact for Temporary Employment Agency	18. Phone number of LOCAL contact for Temporary Employment Agency
19. Workers from the Temporary Employment Agency will work under the supervision of the contractor shown in box 9. <input type="checkbox"/> Yes <input type="checkbox"/> No; If No identify which company/workers will provide supervision	20. Date (mo/day/year) workers will first be placed on the project

SECTION 3: CONTRACTORS ACKNOWLEDGEMENT OF THE FOLLOWING CONTRACT REQUIREMENTS

21. Workers will be paid at least the minimums shown in the Wage Table Rates(s) Listed in # 8 (above)	<input type="checkbox"/> Yes <input type="checkbox"/> No
22. FHWA 1273, "Required Contract Provisions on Federal Aid Construction Contracts" applies	<input type="checkbox"/> Yes <input type="checkbox"/> No
23. Certified payrolls (Statement of Compliance and payroll records) are due to FDOT within 7 days of the regular pay	<input type="checkbox"/> Yes <input type="checkbox"/> No
24. U.S. Dept. of Labor approval is required for non-standard deductions	
25. Workers will not be charged a fee or commission by the Temporary Agency	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. Payroll violations require correction and submission of a supplemental certified payroll	<input type="checkbox"/> Yes <input type="checkbox"/> No
27. The contractor's EEO/AA program applies to the temporary workers	<input type="checkbox"/> Yes <input type="checkbox"/> No
28. The Temporary Employment Agency is responsible for complying with the Contract provisions of the contractor.	<input type="checkbox"/> Yes <input type="checkbox"/> No

SECTION 4: SIGNATURE

29. Temporary Agency Signature	Date	30. Hiring Contractor Signature	Date
31. Prime Contractor Signature		Date	

**State of Florida Department of Transportation
Notice for Use of Temporary Employment Agency/Day Laborers**

Instructions for Completing Form

Distribution & Due Date: This form is to be submitted to the projects' Resident Compliance Specialist (RCS) by each contractor who will employ project workers through a Temporary Employment Agency ('TEA') personnel of Day Laborer Agency. The form is due to the RCS before any TEA workers report to the project site.

Section 1: Project Identification

Box 1 Financial Project No. – The Financial Project Number

Box 2 F.A.P. No. – The Federal Aid Project Number assigned to federally funded projects.

Box 3 Contract No.- The Project Contract Number

Box 4 County – County or counties where project work is being performed

Box 5 District – The Department's District number in which project work is being performed in (Districts are 1-7, and the Turnpike District)

Box 6 Prime Contractor's Name – The name of Prime Contractor.

Box 7 Prime Contractor's FEID No. – The Prime Contractor's Federal Identification Number

Box 8 Wage Table(s) applicable to this project – Check yes or no if construction type is Highway or Heavy and identify General Wage Decision Number (*E.G. FL020001); Modification No (E.G. 1); Publication Date (E.G. 6/12/2005)

Section 2: IDENTIFICATION OF CONTRACTOR & TEMPORARY AGENCY

Box 9 Name of Contractor Using the Temporary Employment Agency – The name of contractor that hired temporary employment agency.

Box 10 FEID Number of Contractor Using Temporary Employment Agency - Federal Identification Number of the contractor that hired temporary employment agency.

Box 11 Full Name of Temporary Employment Agency Used – The full name of temporary employment agency that will be providing temporary workers.

Box 12 FEID Number of Temporary Employment Agency – The temporary employment agency Federal Identification Number that will be providing temporary workers.

Box 13 Temporary Agency LOCAL Phone Number including area code – Area code and phone number of local temporary employment agency that will be providing temporary workers to the project.

Box 14 Temporary Agency Main Office Phone Number including area code – Area code and phone number of temporary employment agency main office.

Box 15 Temporary Agency LOCAL address street, city, state, zip code – Local temporary employment agency address (street, city, state and zip code).

Box 16 Temporary Agency Main Office address street, city, state, and zip code – Main temporary employment agency office address (street, city, state and zip code).

Box 17 Name of LOCAL contact for Temporary Employment Agency - First name and last name of contact person for local temporary employment agency.

Box 18 Phone number of LOCAL contact for Temporary Employment Agency - Area code and phone number of contact person for local temporary employment agency.

Box 19 Workers from the Temporary Employment Agency will work under the supervision of the contractor Shown in box 9 – Identify what company will be supervising the temporary workers at the project site. If the hiring contractor (identified in box 9) will not be supervising workers, enter full name of organization that will be providing the supervision.

Box 20: Date (mo./day/year) workers will first be placed on the project

Section 3: CONTRACTORS ACKNOWLEDGEMENT OF THE FOLLOWING CONTRACT REQUIREMENTS

The hiring contractor records acknowledges communicating to the temporary agency their responsibility for compliance with the following contract requirements:

Box 21. Pay at least the Minimum rates shown in the Wage Table Rates(s) Listed in # 8 above apply - Mark yes or no if temporary employment agency has been informed of the wage table rates listed in box 8.

Box 22 FHWA 1273, “Required Contract Provisions on Federal Aid Construction Contracts” applies

– Mark yes or no if temporary employment agency has been informed of FHWA 1273 requirements.

Box 23 Certified payroll (Statement of Compliance and payroll records) is due to FDOT within 7

days of the regular pay – Mark yes or no if temporary employment agency has been informed of certified payroll due dates to FDOT.

Box 24 U.S. Dept. of Labor approval is required for non-standard deductions – Mark yes or no if

temporary employment agency has been informed of USDOL Approval requirements for non-standard wage deductions.

Box 25 Workers will not be charged a fee or commission by the Temporary Agency – Mark yes or no

if temporary employment agency has been informed that workers may not be charged a fee or commission.

Box 26 Payroll violations corrections will be required – Mark yes or no if temporary employment

agency has been informed payroll violations corrections will be required.

Box 27 The contractor’s EEO/AA program encompasses the agency and the temporary workers –

Mark yes or no if temporary employment agency has been informed that Equal Employment Opportunity/Affirmative Action program encompasses the agency and each temporary worker for this project .

Box 28 The Temporary Employment Agency is responsible for complying with the Contract

provisions of the contract.– Mark yes or no if temporary employment agency has been informed that they are responsible for complying with the contract provisions of the contract including but not limited to Equal Employment, payrolls, etc.

Section 4: SIGNATURE OF TEMPORARY AGENCY & CONTRACTORS

Box 29 Temporary Agency Signature - Signature of Temporary Agency and date of signature

Box 30 Hiring Contractor Signature – Signature of hiring contractor and date of signature (complete only if hiring contractor is not the prime contractor).

Box 31. Prime Contractor Signature and date.

NOTE: THIS IS NOT AN AGREEMENT

A Separate Agreement is required

All Pertinent provisions and requirements of the prime contract including but not limited to Required Contract Provisions Federal-Aid Construction Contracts (FHWA-1273) and Special provisions- Specific Equal Opportunity Responsibilities (Per 23 CFR-633B of Federal –Aid Policy Guide) will be part of the agreement. It is agreed that an executed or a certified copy of the Agreement will be submitted upon request.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ANTICIPATED DBE PARTICIPATION STATEMENT
LOCAL AGENCY PROGRAM

275-030-12
 EQUAL OPPORTUNITY OFFICE
 03/09

1. FDOT LAP AGREEMENT#	2. FDOT LAP AGREEMENT AMOUNT	3. LOCAL AGENCY CONTRACT (PRIME)#.	4. LOCAL AGENCY NAME
5. PRIME CONTRACTOR NAME		6. FEID NUMBER (PRIME CONTRACTOR)	
7. CONTRACT DOLLAR AMOUNT		8. FEID NUMBER (LOCAL AGENCY)	
9. IS THE PRIME CONTRACTOR A FLORIDA CERTIFIED "DBE"? (DISADVANTAGED BUSINESS ENTERPRISE)		YES <input type="checkbox"/> NO <input type="checkbox"/>	10. IS THE WORK OF THIS CONTRACT CONSTRUCTION <input type="checkbox"/> OR MAINTENANCE <input type="checkbox"/>? OTHER _____
11. REVISION (Y/N)? _____ IF YES, REVISION# _____			

12. ANTICIPATED DBE SUBCONTRACTS (BELOW):

	DBE SUBCONTRACTOR OR SUPPLIER	TYPE OF WORK/SPECIALTY	DOLLAR AMOUNT	PERCENT OF CONTRACT DOLLARS
A				
B				
C				
D				
E				
F			11A TOTAL DOLLARS TO DBE'S	11B TOTAL PERCENT OF CONTRACT

SECTION TO BE FILLED BY PRIME CONTRACTOR

13. NAME OF SUBMITTER	14 .DATE	15. TITLE OF SUBMITTER
16. EMAIL ADDRESS OF PRIME CONTRACTOR SUBMITTER		17. FAX NUMBER
18. PHONE NUMBER		

SECTION TO BE FILLED BY LOCAL AGENCY

19. SUBMITTED BY	20 .DATE	21. TITLE OF SUBMITTER
22. EMAIL ADDRESS OF SUBMITTER		23. FAX NUMBER
24. PHONE NUMBER		

NOTE: THIS INFORMATION IS USED TO TRACK AND REPORT ANTICIPATED DBE PARTICIPATION IN ALL FEDERALLY FUNDED FDOT CONTRACTS. THE ANTICIPATED DBE AMOUNT IS VOLUNTARY AND WILL NOT BECOME A PART OF THE CONTRACTUAL TERMS. THIS FORM MUST BE SUBMITTED AT THE PRE CONSTRUCTION. FDOT STAFF FORWARDS THE FORM TO THE EQUAL OPPORTUNITY OFFICE.

THE FOLLOWING SECTIONS ARE FOR FDOT LAP COORDINATOR USE

DIST	LAP COORDINATOR NAME	DATE TO EO OFFICE (ELECTRONICALLY)	EXECUTED DATE (LAP AGREEMENT)	EXECUTED DATE (BETWEEN LOCAL AGENCY AND PRIME)	PRECON. CONF DATE.

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts;** however, the Department has an overall 10.65% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBE's.

Please contact the Equal Opportunity Office at (850) 414-4747 if you have any questions regarding this information.

DBE Reporting

If you are the prime contractor on a project, enter your DBE participation in the Equal Opportunity Compliance system prior to the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to DBE and MBE subcontractors through the web-based Equal Opportunity Compliance (EOC) system.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including both **DBE's and non-DBEs**.

Please complete the Bidders Opportunity List through the Equal Opportunity Compliance system within 3 business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for specific project for this letting. The web address to the Equal Opportunity Compliance system is: <https://www.fdot.gov/equalopportunity/eoc.shtm>.

DBE/AA Plans

Contractors bidding on FDOT contracts are to have an approved DBE Affirmative Action Plan (FDOT Form 275-030-11B) on file with the FDOT Equal Opportunity Office before execution of a contract. DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

Plans are approved by the Equal Opportunity Office in accordance with Ch. 14-78, Florida Administrative Code. Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President. Contractors may evidence adoption of the DBE/AA Policy and Plan and/or a change in the designated DBE Liaison officer as follows:

- Print the first page of the document on company stationery ("letterhead") that indicates the company's name, mailing address, phone number, etc.
- Print the company's name in the "____" space; next to "Date" print the month/day/year the policy is being signed; record the signature of the company's Chief Executive Officer, President or Chairperson in the space next to "by" and print the full first and last name and position title of the official signing the policy.
- Print the DBE Liaison's full name, email address, business mailing address and phone number the bottom of email.

E-mail the completed and signed DBE AA Plan to: **eeoforms@dot.state.fl.us**.

The Department will review the policy, update department records and issue a notification of approval or disapproval; a copy of the submitted plan will not be returned to the contractor.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LAP CERTIFICATION OF CURRENT CAPACITY

CONFIDENTIAL per Ch 337.14(1) F.S.

For bids to be received on _____
(Letting Date)

Fill in your FDOT Vendor Number

VF _____

(Only applicable to FDOT pre-qualified contractors)

CERTIFICATE

I hereby certify that the amount of any proposal submitted by this bidder for the above letting does not exceed the amount of the Firm's CURRENT CAPACITY (maximum capacity rating less total uncompleted work).

The total uncompleted work as shown on
the "Status of Contracts on Hand" report (page 2) \$ _____

I further certify that the "Status of Contracts on Hand" report (page 2) was prepared as follows:

1. If the letting is before the 25th day of the month, the certificate and report reflect the uncompleted work as of the 15th day of the month, last preceding the month of the letting.
2. If the letting is after the 25th day of the month, the certificate and report reflects the uncompleted work in progress as of the 15th day of the month of the letting.
3. All new contracts (and subcontracts) awarded earlier than five days before the letting date are included in the report and charged against our total rating.

I certify that the information above is correct.

NAME OF FIRM

Sworn to and subscribed this _____ day
of _____, 20 _____

By: _____

Title

STATUS OF CONTRACTS ON HAND

(Furnish complete information about all your contracts, whether prime or subcontracts; whether in progress or awarded, but not yet begun; and regardless of whom contracted with.)

1	2	3	4	5		6
PROJECTS OWNER, LOCATION AND DESCRIPTION	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT	UNCOMPLETED AMOUNT TO BE DONE BY YOU		
				AS PRIME CONTRACTOR	AS SUBCONTRACTOR	
NOTE: Columns 2 and 3 to show total contract (or subcontract) amounts. Column 4 to be difference between columns 2 and 3. Amount in columns 5 or 6 to be uncompleted portion of amount in column 4. All amounts to be shown to nearest \$100. The Contractor may consolidate and list as a single item all contracts which, individually, do not exceed 3% of total, and which, in the aggregate, amount to less than 20% of the total.			TOTALS	\$0.00	\$0.00	
			TOTAL UNCOMPLETED WORK ON HAND TO BE DONE BY YOU (TOTAL COLUMNS 5 AND 6)	\$0.00		

**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49CFR, Section 20.100 (b))**

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant:

By: _____ Date: _____ Authorized Signature

Title: _____

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
 PROCUREMENT
 02/16

Is this form applicable to your firm?
 YES NO
 If *no*, then please complete section 4
 below for "Prime"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known</i> : _____ _____ _____ Congressional District, <i>if known</i> : 4c _____	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, <i>if known</i> : _____	
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, <i>if applicable</i> : _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> _____ _____ _____	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date (mm/dd/yyyy): _____	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**NON-COLLUSION DECLARATION AND
COMPLIANCE WITH 49 CFR § 29**

575-060-13
RIGHT OF WAY
05/01
Page 1 of 3

ITEM/SEGMENT NO.: _____
F.A.P. NO.: _____
MANAGING DISTRICT: _____
PARCEL NO.: _____
COUNTY OF: _____
BID LETTING OF: _____

I, _____, hereby declare that I am
(NAME)
_____ of _____
(TITLE) (FIRM)
of _____
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(1)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: _____ (Seal)

BY: _____
NAME AND TITLE PRINTED

WITNESS: _____

BY: _____
SIGNATURE

WITNESS: _____

Executed on this _____ day of _____, _____

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**

REQUIRED CONTRACT PROVISIONS

This certification applies to subcontractors, material suppliers, vendors and other lower tier participants.

- Appendix B of 49 CFR Part 29 –

Appendix B—Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS
(Compliance with 2 CFR Parts 180 and 1200)**

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: _____

By: _____

Date: _____

Title: _____

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS

SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS

CONTRACT PLANS

LAP FINANCIAL PROJECT ID 440741-1
(FEDERAL FUNDS)

SANTA ROSA COUNTY
TOM KING BAYOU PEDESTRIAN BRIDGE

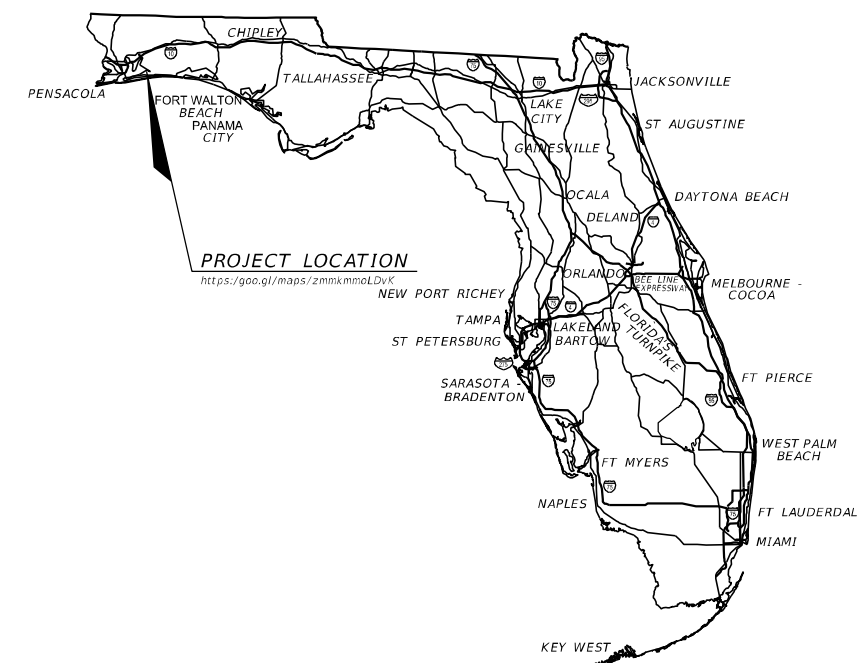
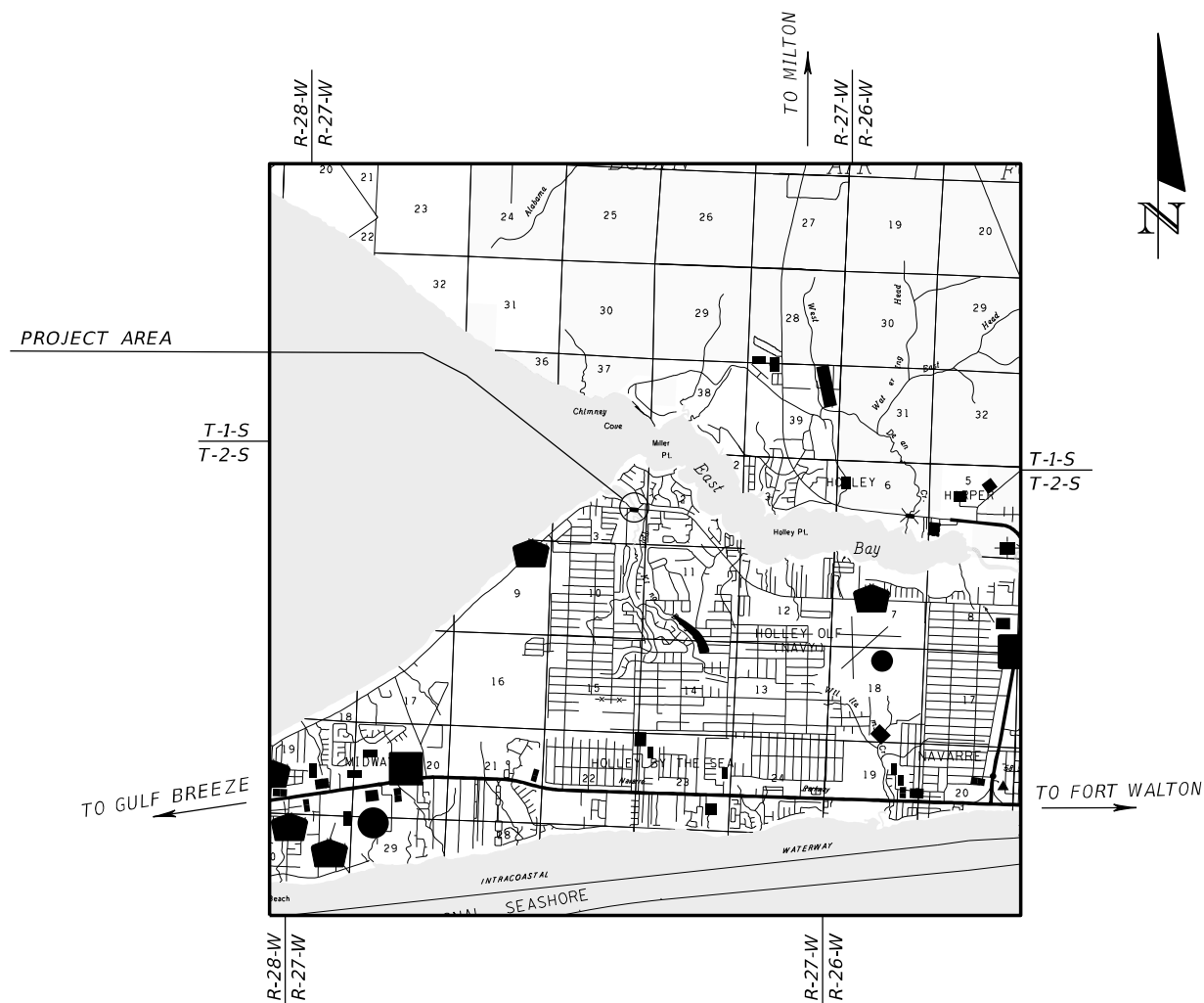
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	DRAINAGE MAP
4	TYPICAL SECTION DETAILS
5	SUMMARY OF SIDEDRAINS AND MITERED END SECTIONS
6-7	ROADWAY PLAN & PROFILE
8-9	CROSS SECTIONS
10	SUMMARY OF VERIFIED UTILITIES
11	WETLAND DELINEATION SHEET
B1-1	INDEX OF SHEETS AND GENERAL NOTES
B1-2	SUMMARY OF STRUCTURE QUANTITIES
B1-3	SUMMARY OF BID OPTIONS
B1-4	PLAN AND ELEVATION (1 OF 4)
B1-5	PLAN AND ELEVATION (2 OF 4)
B1-6	PLAN AND ELEVATION (3 OF 4)
B1-7	PLAN AND ELEVATION (4 OF 4)
B1-8	PROFILE GRADE
B1-9	BRIDGE HYDRAULIC RECOMMENDATIONS
B1-10	REPORT OF CORE BORINGS (1 OF 2)
B1-11	REPORT OF CORE BORINGS (2 OF 2)
B1-12	MISCELLANEOUS DETAILS
B1-13	CONCRETE PILE FOUNDATION LAYOUT
B1-14	PILE DATA TABLE
B1-15	END BENTS 13 AND 14
B1-16	END BENT DETAILS
B1-17	12'-0" TIMBER BOARDWALK (1 OF 4)
B1-18	12'-0" TIMBER BOARDWALK (2 OF 4)
B1-19	12'-0" TIMBER BOARDWALK (3 OF 4)
B1-20	12'-0" TIMBER BOARDWALK (4 OF 4)
B1-21	BEGIN/END BOARDWALK DETAILS
B1-22	RAILING DETAILS
B1-23	REINFORCING BAR LIST
B1-24	PEDESTRIAN BRIDGE DATA (1 OF 2)
B1-25	PEDESTRIAN BRIDGE DATA (2 OF 2)

GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation,
Standard Plans dated FY 2020-21
and Standard Specifications for Road and
Bridge Construction dated July 2020,
As Amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the
following web site: <http://www.fdot.gov/design/standardplans>

For the Standard Specifications for Road and Bridge Construction
click on the "Specifications" link at the following web site:
<http://www.fdot.gov/programmanagement/implented/specbooks>



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
AMERICAN CONSULTING ENGINEERS
OF FLORIDA, LLC
4489 Woodbine Rd.
Pace, Florida 32571
Phone: (850) 289-1013 Fax: (850) 289-1001

TRACY D. BOUTWELL, P.E. No. 57670

PLANS PREPARED BY:
American
Consulting Engineers of Florida, LLC
4489 Woodbine Rd.
Pace, Florida 32571
Phone: (850) 289-1013 Fax: (850) 289-1001
Certificate of Authorization No. 9302

**SANTA ROSA COUNTY BOARD
OF COUNTY COMMISSIONERS**

- | | |
|----------------------|------------|
| SAM PARKER | DISTRICT 1 |
| ROBERT A. (BOB) COLE | DISTRICT 2 |
| JAMES CALKINS | DISTRICT 3 |
| DAVE PIECH | DISTRICT 4 |
| COLTEN WRIGHT | DISTRICT 5 |

SANTA ROSA COUNTY PROJECT MANAGER: REBECCA JONES, PE

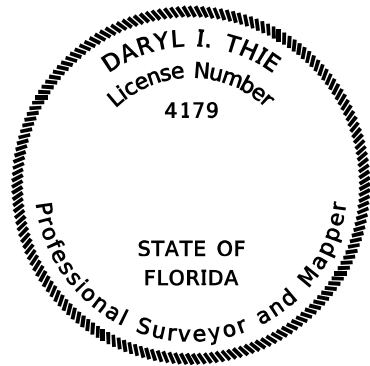
NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

ROADWAY PLANS
ENGINEER OF RECORD: TRACY D. BOUTWELL, PE

P.E. NO.: 57670

FISCAL YEAR	SHEET NO.
21	1

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T2 UTILITY ENGINEERS

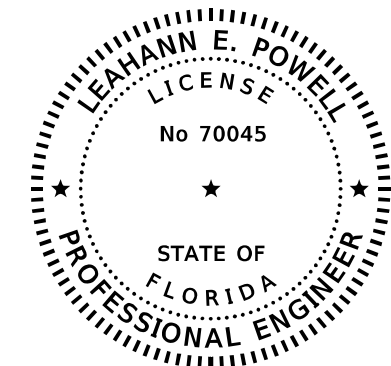
159 SW Spencer Court Suite 106
Lake City, Florida 32024

DARYL I. THIE, P.L.S. No. 4179

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
10	SUMMARY OF VERIFIED UTILITIES



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Leahann E Powell
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OF FLORIDA, LLC

4489 Woodbine Rd.
Pace, Florida 32571

Leahann E. Powell, P.E. No. 70045

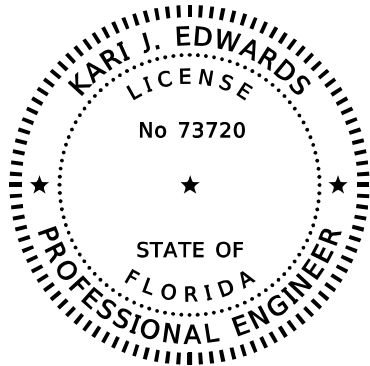
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ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
B1-1	INDEX OF SHEETS AND GENERAL NOTES
B1-2	SUMMARY OF STRUCTURE QUANTITIES
B1-3	SUMMARY OF BID OPTIONS
B1-4	PLAN AND ELEVATION (1 OF 4)
B1-5	PLAN AND ELEVATION (2 OF 4)
B1-6	PLAN AND ELEVATION (3 OF 4)
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B1-8	PROFILE GRADE
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B1-13	CONCRETE PILE FOUNDATION LAYOUT
B1-14	PILE DATA TABLE
B1-15	END BENTS 13 AND 14
B1-16	END BENT DETAILS
B1-17	12'-0" TIMBER BOARDWALK (1 OF 4)

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
B1-18	12'-0" TIMBER BOARDWALK (2 OF 4)
B1-19	12'-0" TIMBER BOARDWALK (3 OF 4)
B1-20	12'-0" TIMBER BOARDWALK (4 OF 4)
B1-21	BEGIN/END BOARDWALK DETAILS
B1-22	RAILING DETAILS
B1-23	REINFORCING BAR LIST
B1-24	PEDESTRIAN BRIDGE DATA (1 OF 2)
B1-25	PEDESTRIAN BRIDGE DATA (2 OF 2)



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Kari J Edwards
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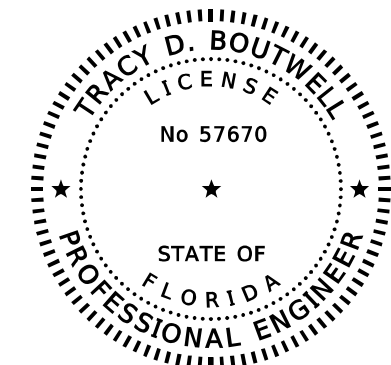
4489 Woodbine Rd.
Pace, Florida 32571

Kari J. Edwards, P.E. No. 73720

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ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
3	DRAINAGE MAP
5	SUMMARY OF SIDEDRAINS AND MITERED END SECTIONS



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Tracy D Boutwell
 Digitally signed by Tracy D
 Boutwell
 Date: 2021.03.01 15:20:42 -06'00'
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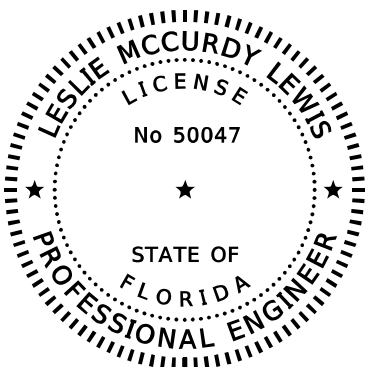
4489 Woodbine Rd.
Pace, Florida 32571

TRACY D. BOUTWELL, P.E. No. 57670

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ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
4	TYPICAL SECTION DETAILS
6-7	ROADWAY PLAN & PROFILE
8-9	CROSS SECTIONS
11	WETLAND DELINEATION SHEET



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Lesli Lewis
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UNIVERSAL ENGINEERING SCIENCES

5561 FLORIDA MINING BOULEVARD SOUTH
JACKSONVILLE, FLORIDA 32257

LESLI M. LEWIS, P.E. NO. 50047

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
B1-10	REPORT OF CORE BORINGS (1 OF 2)
B1-11	REPORT OF CORE BORINGS (2 OF 2)



SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS

PROJECT LOCATION:
CK 399 OVER TOM KING BAYOU

COUNTY PROJECT MANAGER:
REBECCA JONES, PE

PROJECT NUMBER:
PW 19488



NO.	REVISIONS	DATE	APPROVED BY

**TOM KING BAYOU
PEDESTRIAN BRIDGE**

SIGNATURE SHEET

SUSERS	SDATES		STIMES		SFILES		ORGANIZER (OR)	CHECKER (CP)	CHANGE INCORPORATION	ORGANIZER (OR)	CHECKER (CP)	CHANGE INCORPORATION	ORGANIZER (OR)	CHECKER (CP)	CHANGE INCORPORATION	ORGANIZER (OR)	CHECKER (CP)	CHANGE INCORPORATION	ORGANIZER (OR)	CHECKER (CP)	CHANGE INCORPORATION	
	PHASE	REVIEW	DATE	DATE	DATE	DATE																DATE
PHASE	REVIEW																					
SIGNATURE																						

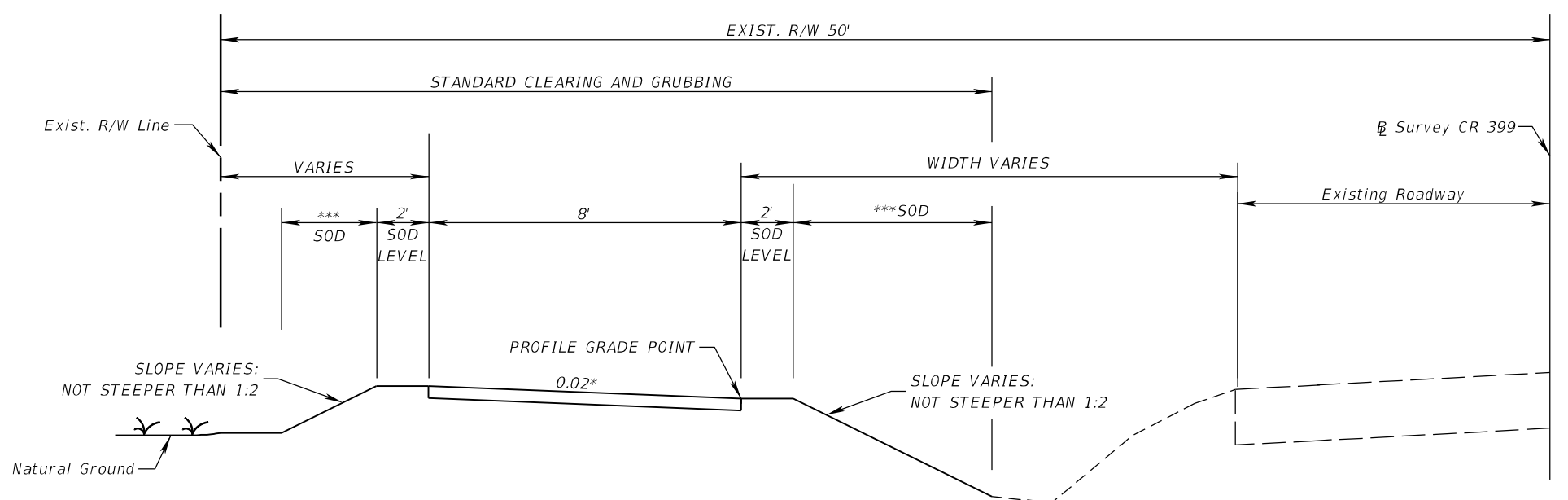
DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.



SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS		PROJECT LOCATION CR 399 OVER TOM KING BAYOU	
COUNTY PROJECT MANAGER REBECCA JONES		PROJECT NUMBER PW 19-048	
 American Consulting Engineers of Florida, LLC 10000 US Highway 19, Suite 200 Palm Beach Gardens, Florida 33418 Phone: (850) 269-1000 Fax: (850) 269-1001 Copyright © 2019 American Consulting Engineers of Florida, LLC KATHY EDWARDS, P.E. No. 73720		 SANTA ROSA COUNTY FLORIDA ENGINEERS	
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.		TOM KING BAYOU PEDESTRIAN BRIDGE DRAINAGE MAP	
DATE	APPROVALS	DATE	APPROVALS
SHEET	3		

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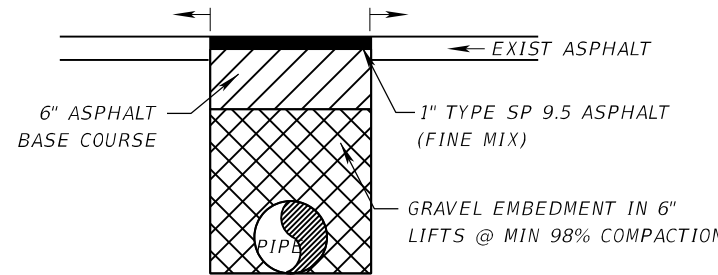


TYPICAL SECTION SIDEWALK
 STA. 363+99.53 TO STA. 364+95.00 (*-0.02)
 STA. 369+61.00 TO STA. 372+93.36 (*0.02)

PROJECT NOTES
 =====

- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
- EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED IN THE PLANS.
- THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, INC. AT LEAST TWO FULL BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE. UTILITY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
FAIRPOINT/HOLLEY NAVARRE	CLINTON WELLS	(850) 565-0447
FAIRPOINT/HOLLEY NAVARRE	CORY SNYDER	(850) 939-2427
- THE EXACT LOCATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR BEFORE ANY CONSTRUCTION. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO ENSURE THE SAFETY OF UTILITIES BEFORE STARTING INSTALLATION OF MAILBOXES, DRAINAGE STRUCTURES, AND SIGN POSTS (BOTH TEMPORARY AND PERMANENT).
- ALL EROSION CONTROL ITEMS AND SURVEY STAKES SHALL BE REMOVED BY THE CONTRACTOR AT THE COMPLETION OF THE CONTRACT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ANY PUBLIC LAND SURVEY CORNER OR ANY MONUMENT THAT PERPETUATES THE COUNTY R/W WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED BY THE CONTRACTOR. IF A MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
- CONTRACTOR SHALL SUBMIT BOLLARD SPECIFICATION SHEETS TO THE COUNTY FOR APPROVAL. BOLLARD POSTS SHALL BE FILLED WITH CONCRETE AND BE A MINIMUM OF 36" TALL, 6" DIAMETER AND ALLOW FOR A FIXED SURFACE MOUNT INSTALLATION. EXTERIOR POST MATERIAL SHALL BE GALVANIZED CARBON STEEL AND FINISH COLOR SHALL MATCH THE PEDESTRIAN TRUST.
- THIS PROJECT IS LOCATED WITHIN A FREQUENT RANGE OF THE FLORIDA BLACK BEAR. PLEASE REFER TO SPECIAL PROVISION SUB ARTICLE 7-1.4 IN THE SPECIFICATIONS.



STREET PATCH DETAIL
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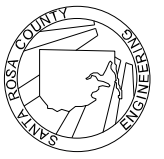

TEMPORARY TRAFFIC CONTROL NOTES

- THE EXISTING POSTED REGULATORY SPEED LIMIT OF 45 MPH ON CR 399 IS TO BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

PHASING NOTES

PHASE I

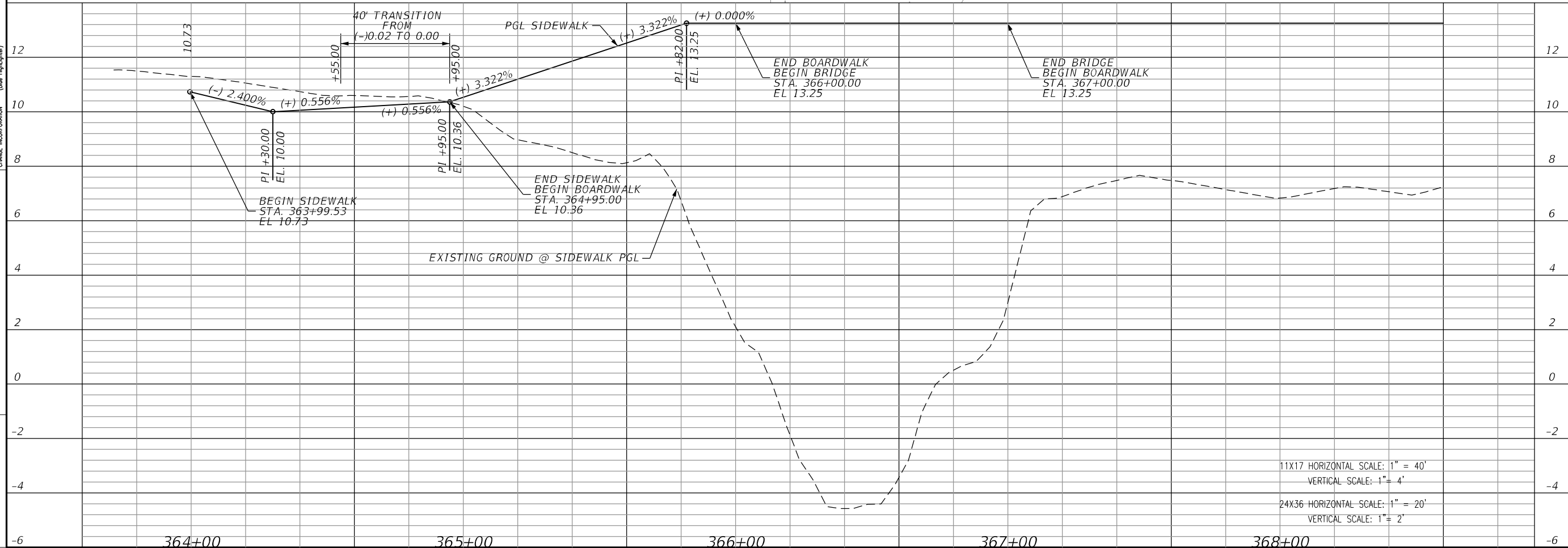
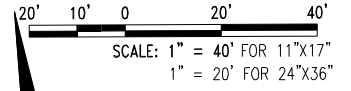
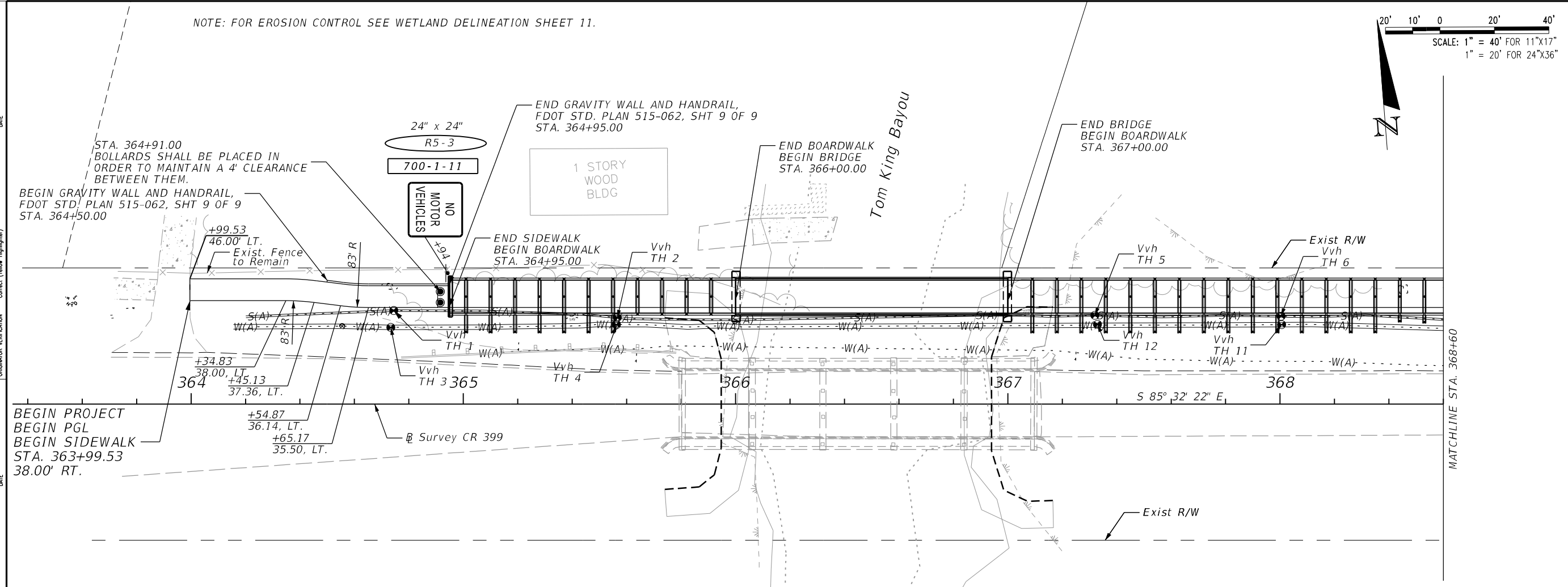
- PLACE ADVANCE WARNING SIGNS, WARNING DEVICES, UTILIZING FDOT STANDARD PLAN 102-602.
- PERFORM BOARDWALK AND BRIDGE CONSTRUCTION PER SHEET B-1 AND B-4.
- INSTALL DRAINAGE STRUCTURES AND SIDEWALK UTILIZING 102-602 AND 102-603.
- PLACE SOD UTILIZING 102-602.

TOM KING BAYOU PEDESTRIAN BRIDGE		TYPICAL SECTION DETAILS	
			
SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS		COUNTY PROJECT MANAGER REBECCA JONES, PE	
PROJECT LOCATION: CR 399 OVER TOM KING BAYOU		PROJECT NUMBER: PW 1948	
			
4888 Woodbridge Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 8302 Tracy S. Southwell, P.E., No. 57074			
REVISIONS	DATE	APPROVED BY	
SHEET			4

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ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	DATE
ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	DATE



11X17 HORIZONTAL SCALE: 1" = 40'

VERTICAL SCALE: 1" = 4'

24X36 HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

TOM KING BAYOU

PEDESTRIAN BRIDGE

ROADWAY PLAN & PROFILE

SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS

PROJECT LOCATION:
CR 399 OVER TOM KING BAYOU

PROJECT NUMBER:
PWT 19A45

COUNTY PROJECT MANAGER:
REBECCA JONES

American
Consulting Engineers of Florida, LLC

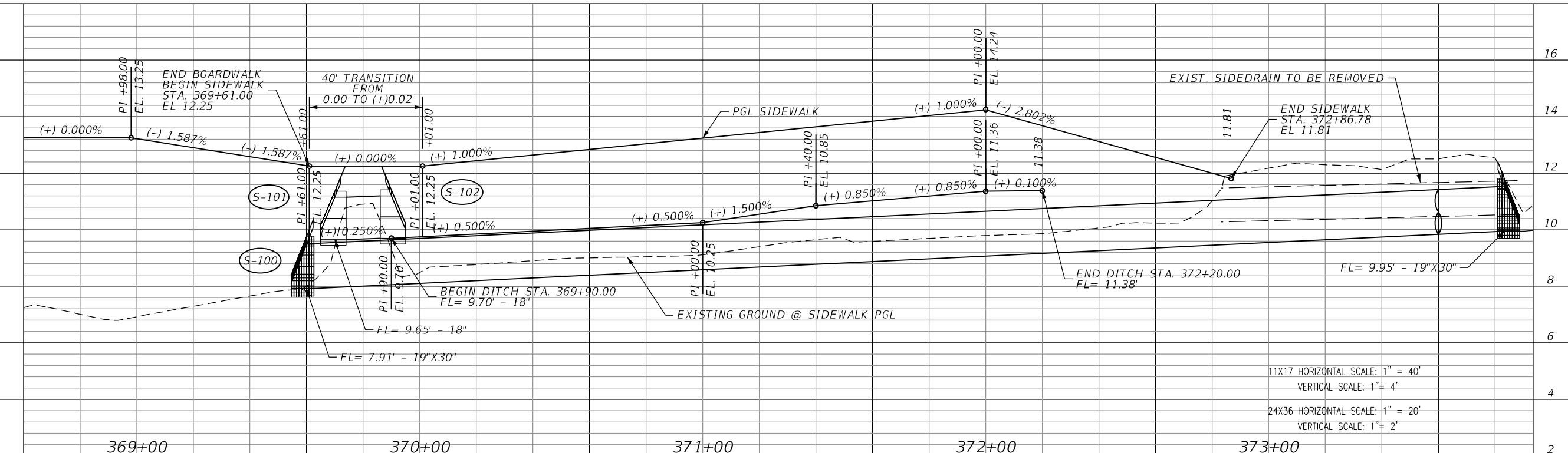
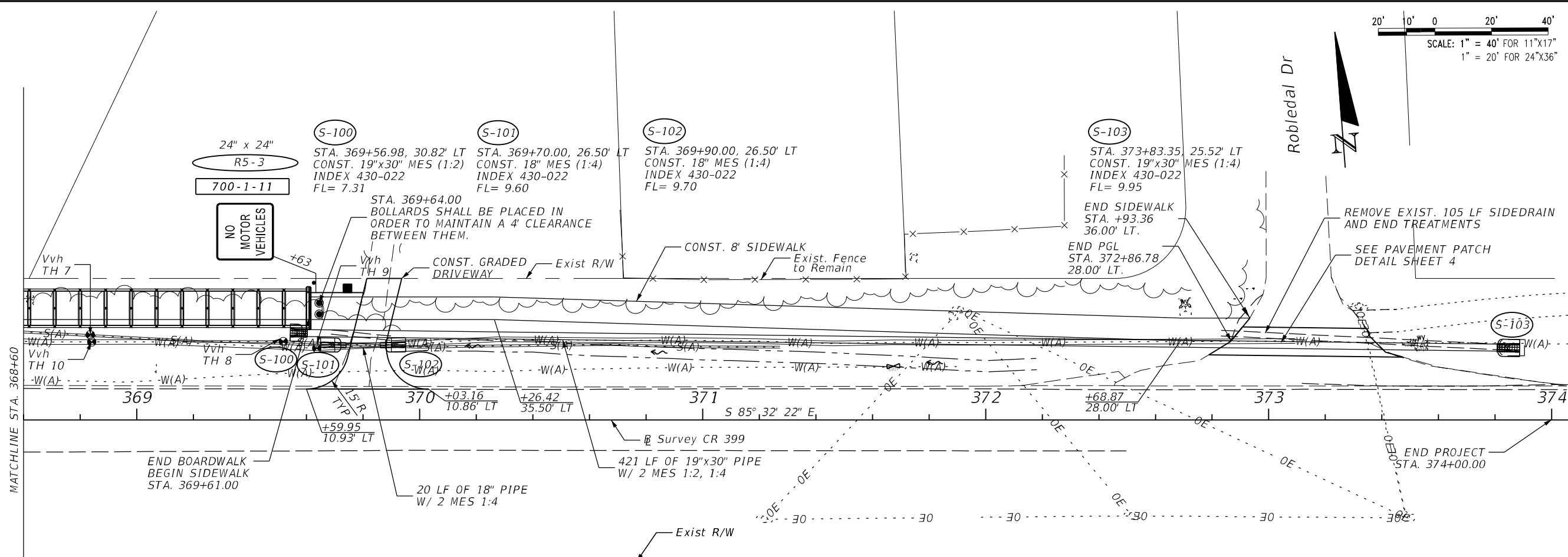
1488 Westchase Rd.
Pace, Florida 32571
Phone: (850) 288-0000 Fax: (850) 288-1001
G. Tracy D. Boutwell, P.E. No. 57870

SHEET 6

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ORIGINATOR (OR)	DATE	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE
CHECKER (RP)	DATE	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE
CHANGE INCORPORATION (Blue Highlighter)	DATE	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)	DATE	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE
REVIEW	DATE	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE
SIGNATURE:		ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE



11X17 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'
 24X36 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

TOM KING BAYOU

PEDESTRIAN BRIDGE

ROADWAY PLAN & PROFILE

SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION:
 CR 399 OVER TOM KING BAYOU
 PROJECT NUMBER:
 PW 1944S
 COUNTY PROJECT MANAGER:
 REBECCA JONES

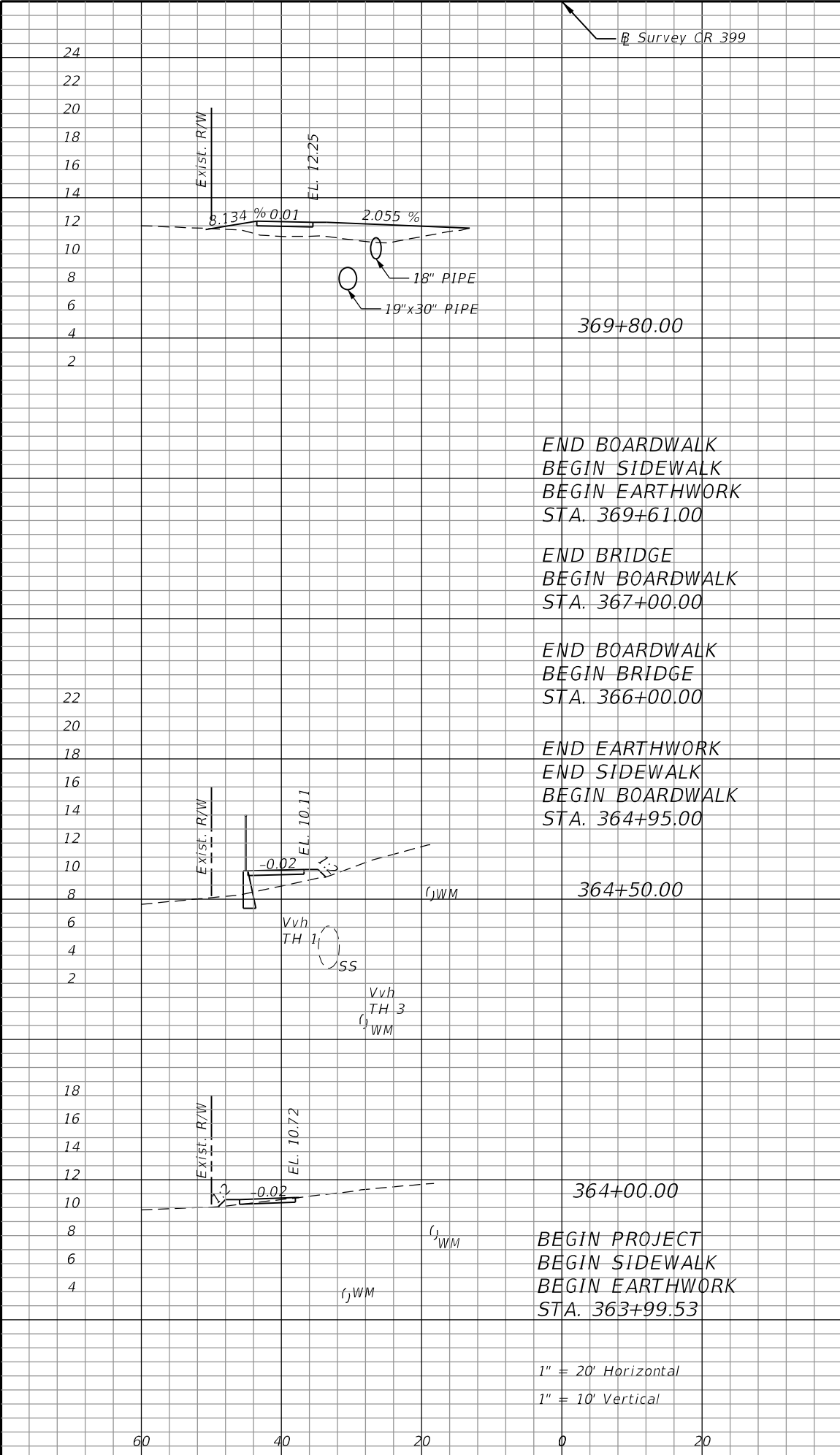
American
 Consulting Engineers of Florida, LLC
 1480 Westchase Rd.
 Suite 200
 Westchase, Florida 32837
 Phone: (850) 288-0000 Fax: (850) 288-1001
 G. Tracy D. Boutwell, P.E. No. 57870

NO.	REVISIONS	DATE	APPROVED BY	DATE	DATE	DATE	DATE

SHEET 7

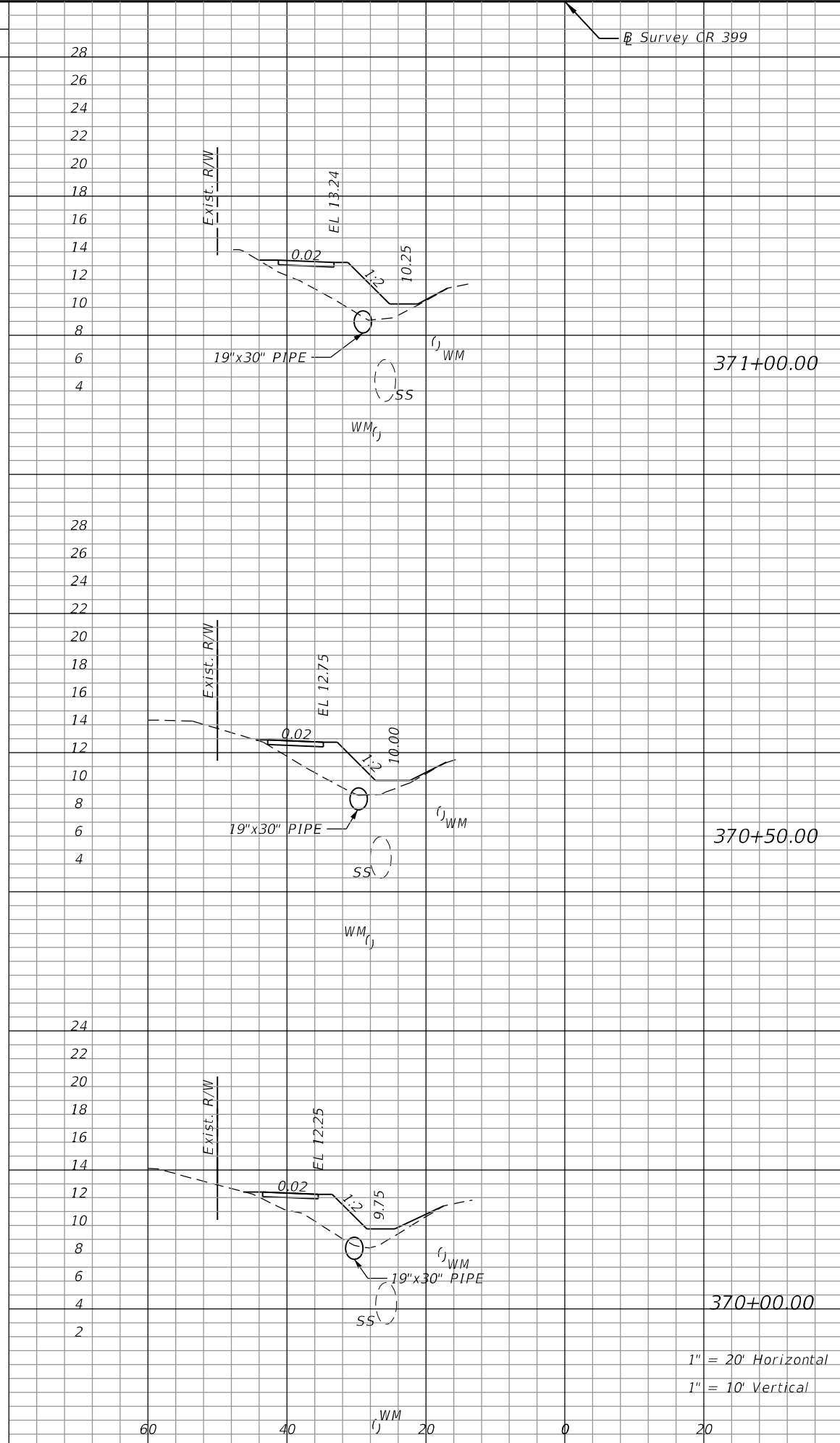
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ORIGINATOR (RP)	DATE	ORIGINATOR (OR)	DATE	VERIFICATION CHECKER (OR)	DATE
REVIEW		CHECKER (RP)		FORM INCORPORATION	
SIGNATURE:		CHANGE INCORPORATION		ORIGINATOR VERIFICATION	
		ORIGINATOR (OR)		FORM INCORPORATION	
		CHECKER (RP)		ORIGINATOR VERIFICATION	
		CHANGE INCORPORATION		ORIGINATOR VERIFICATION	
		ORIGINATOR (OR)		FORM INCORPORATION	
		CHECKER (RP)		ORIGINATOR VERIFICATION	
		CHANGE INCORPORATION		ORIGINATOR VERIFICATION	



Station	Excav		Embank	
	A	V	A	V
369+80.00	27.4	0.0	0.0	0.0
369+61.00	0.0	0.0	0.0	0.0
367+00.00	0.0	0.0	0.0	0.0
366+00.00	0.0	0.0	0.0	0.0
364+95.00	0.0	0.0	0.0	0.0
364+50.00	8.4	1.7	0.0	0.0
364+00.00	1.0	1.2	0.0	0.0
363+99.53	0.0	0.0	0.0	0.0

1" = 20' Horizontal
1" = 10' Vertical



Station	Excav		Embank	
	A	V	A	V
371+00.00	35.2	0.0	0.0	0.0
370+50.00	30.9	5.8	0.0	0.0
370+00.00	29.6	0.0	0.0	0.0

1" = 20' Horizontal
1" = 10' Vertical

DATE	DATE	DATE
DATE	DATE	DATE
DATE	DATE	DATE

**TOM KING BAYOU
PEDESTRIAN BRIDGE**

CROSS SECTIONS

SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS

PROJECT LOCATION:
CR 399 OVER TOM KING BAYOU

PROJECT NUMBER:
PW 19A4S

COUNTY PROJECT MANAGER:
REBECCA JONES, PE

American
Consulting Engineers of Florida, LLC

1448 W. 4th St., Rm. 201
Tallahassee, Florida 32301
Phone: (904) 289-1000 Fax: (904) 289-1001
G. Tracy D. Bouhwell, P.E., No. 57870


NO.	DATE	APPROVAL

SHEET 8

PHASE	REVIEW	ORIGINATOR (RP)	DATE	VERIFICATION CHECKER (OR)	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		REMARK INCORPORATION (Blue Highlighter)	DATE
		CHANGE INCORPORATION (Blue Highlighter)		ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	DATE

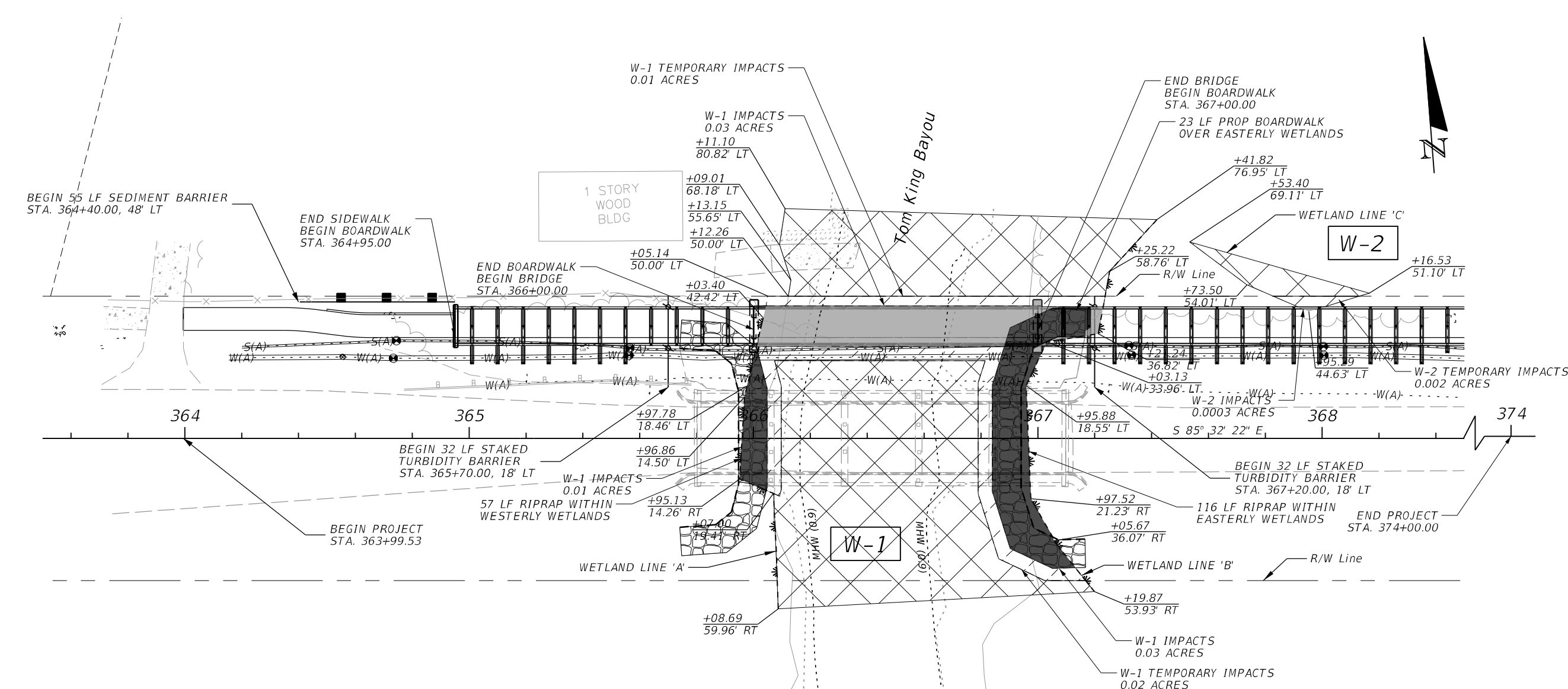
SUMMARY OF VERIFIED UTILITIES									
Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	B and/or C			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
1	Holley Navarre, Force Main	6"	*	364+74.60	34.2	LT	9.64	6.08	
2	Holley Navarre, Force Main	6"	*	365+56.54	31.8	LT	6.97	-4.23	
3	Fairpoint, Water Main	*	*	364+73.35	28.2	LT	10.55	-0.23**	
4	Fairpoint, Water Main	*	*	365+56.39	29.2	LT	7.75	-15.42**	
5	Holley Navarre, Force Main	6"	*	367+31.98	32.6	LT	4.99	-3.67	
6	Holley Navarre, Force Main	6"	*	368+00.39	32.4	LT	4.56	3.16	
7	Holley Navarre, Force Main	6"	*	368+83.57	30.1	LT	6.68	4.92	
8	Holley Navarre, Force Main	6"	*	369+51.79	27.7	LT	7.90	3.30	
9	Fairpoint, Water Main	*	*	369+63.60	25.4	LT	8.28	-9.13**	
10	Fairpoint, Water Main	*	*	368+84.08	27.6	LT	6.95	-7.25**	
11	Fairpoint, Water Main	*	*	368+00.59	29.2	LT	6.04	-13.52**	
12	Exploratory, Searching for Water Main			367+32.96	29.3	LT	Trench open - 21' wide Probe Depth - 32'		Unable to verify due to depth



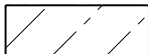

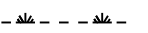
* Unable to visually verify, due to depth and/or water table.
 ** Indicates bottom of probe elevation

 TOM KING BAYOU PEDESTRIAN BRIDGE SUMMARY OF VERIFIED UTILITIES	
SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 19A48	COUNTY PROJECT MANAGER: REBECCA JONES, PE
T2 UTILITY ENGINEERING 159 SW Seaside Court, Suite 106 Lake City, Florida 32024 Daryl I. Thie, P.L.S. No. 4179	
NUMBER: _____ REVISIONS: _____ DATE: _____ APPROVAL: _____	SHEET 10

20' 10' 0 20' 40'
 SCALE: 1" = 40' FOR 11"x17"
 1" = 20' FOR 24"x36"

NOTE: PLACE 15 LF OF SEDIMENT BARRIER AT THE UPSTREAM OF S-102 AND S-103.



-  PERMANENT WETLAND IMPACTS (SHADING)
-  PERMANENT WETLAND IMPACTS (PILINGS AND RIPRAP)
-  TEMPORARY WETLAND IMPACTS
-  WETLAND AREAS
-  WETLAND DELINEATION LINE

WETLAND AREA W-1
 0.03 ACRES PERMANENT IMPACTS (SHADING)
 0.01 ACRES PERMANENT IMPACTS (RIPRAP)
 0.03 ACRES PERMANENT IMPACTS (RIPRAP)
 0.04 ACRES TOTAL
 0.009 ACRES TEMPORARY IMPACTS (FOR CONSTRUCTION ACTIVITIES NORTH SIDE OF BRIDGE)
 0.009 ACRES TEMPORARY IMPACTS (FOR CONSTRUCTION ACTIVITIES SOUTH SIDE OF BRIDGE)
 0.016 ACRES TEMPORARY IMPACTS (FOR CONSTRUCTION ACTIVITIES)

WETLAND AREA W-2
 0.0002 ACRES PERMANENT IMPACTS (SHADING)
 0.0001 ACRES PERMANENT IMPACTS (PILINGS)
 0.002 ACRES TEMPORARY IMPACTS (CONSTRUCTION OF BOARDWALK)

USER: Shensior	1/7/2021	2:36:14 PM	c:\pw\work\american-pw-01\dms07652\WETLRD01.dwg
PHASE: REVIEW	ORIGINATOR (RP)	CHECKER (RP)	ORDINATOR (RP)
SIGNATURE:	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)	CHANGE INCORPORATION (Blue Highlighter)	VERIFICATION, CHECKER (RP)
		REMARK INCORPORATION (Blue Highlighter)	DATE
		ORDINATOR VERIFICATION (Yellow Highlighter)	DATE

TOM KING BAYOU PEDESTRIAN BRIDGE
WETLAND DELINEATION SHEET

SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS

PROJECT LOCATION: CR 399 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER: REBECCA JONES, PE
 PROJECT NUMBER: PW 15498

American Consulting Engineers of Florida, LLC
 4888 Woodbridge Rd.
 Phone: (850) 289-1000 Fax: (850) 289-1001
 Certificate of Authorization No. 8302
 Tracy S. Southwell, P.E., No. 51074

NO.	REVISIONS	DATE	APPROVED BY


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SHEET 11


sUSERS
 PHASE REVIEW
 SIGNATURE
 sDATES JV DATE 04-20
 sTIMES
 sFILES

DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	
VERIFICATION CHECKER (OR)	REMARK INCORPORATION	ORIGINATOR VERIFICATION	ORIGINATOR (OR)	CHECKER (RF)	CHANGE INCORPORATION	ORIGINATOR (OR)	CHECKER (RF)	CHANGE INCORPORATION	ORIGINATOR (OR)	CHECKER (RF)	CHANGE INCORPORATION	ORIGINATOR (OR)	CHECKER (RF)	CHANGE INCORPORATION	ORIGINATOR (OR)	CHECKER (RF)	CHANGE INCORPORATION	ORIGINATOR (OR)	CHECKER (RF)	CHANGE INCORPORATION
(Blue Highlighter)	(Blue Highlighter)	Correct (Yellow Highlighter)	Correct (Yellow Highlighter)	Change (Red Pen)	Correct (Yellow Highlighter)	Correct (Yellow Highlighter)	Change (Red Pen)	Correct (Yellow Highlighter)	Correct (Yellow Highlighter)	Change (Red Pen)	Correct (Yellow Highlighter)	Correct (Yellow Highlighter)	Change (Red Pen)	Correct (Yellow Highlighter)	Correct (Yellow Highlighter)	Change (Red Pen)	Correct (Yellow Highlighter)	Correct (Yellow Highlighter)	Change (Red Pen)	Correct (Yellow Highlighter)
INDEX OF STRUCTURE PLANS																				
SHEET NO.	SHEET DESCRIPTION																			
B1-1	INDEX OF SHEETS AND GENERAL NOTES																			
B1-2	SUMMARY OF STRUCTURE QUANTITIES																			
B1-3	SUMMARY OF BID OPTIONS																			
B1-4	PLAN AND ELEVATION (1 OF 4)																			
B1-5	PLAN AND ELEVATION (2 OF 4)																			
B1-6	PLAN AND ELEVATION (3 OF 4)																			
B1-7	PLAN AND ELEVATION (4 OF 4)																			
B1-8	PROFILE GRADE																			
B1-9	BRIDGE HYDRAULIC RECOMMENDATIONS																			
B1-10	REPORT OF CORE BORINGS (1 OF 2)																			
B1-11	REPORT OF CORE BORINGS (2 OF 2)																			
B1-12	MISCELLANEOUS DETAILS																			
B1-13	CONCRETE PILE FOUNDATION LAYOUT																			
B1-14	PILE DATA TABLE																			
B1-15	END BENTS 13 AND 14																			
B1-16	END BENT DETAILS																			
B1-17	12'-0" TIMBER BOARDWALK (1 OF 4)																			
B1-18	12'-0" TIMBER BOARDWALK (2 OF 4)																			
B1-19	12'-0" TIMBER BOARDWALK (3 OF 4)																			
B1-20	12'-0" TIMBER BOARDWALK (4 OF 4)																			
B1-21	BEGIN/END BOARDWALK DETAILS																			
B1-22	RAILING DETAILS																			
B1-23	REINFORCING BAR LIST																			
B1-24	PEDESTRIAN BRIDGE DATA (1 OF 2)																			
B1-25	PEDESTRIAN BRIDGE DATA (2 OF 2)																			
DESIGN SPECIFICATIONS:																				
1. FDOT STRUCTURES MANUAL DATED JANUARY 2020.																				
2. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION.																				
3. AASHTO LRFD GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES, 2009 EDITION.																				
4. FDOT DESIGN MANUAL DATED JANUARY 2020.																				
GOVERNING STANDARDS AND CONSTRUCTION SPECIFICATIONS:																				
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 STANDARD PLANS AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, AND JANUARY 2020 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY CONTRACT DOCUMENTS.																				
VERTICAL DATUM:																				
VERTICAL DATUM IN PLANS IS BASED ON NAVD 88.																				
ENVIRONMENT:																				
CONCRETE & STEEL: EXTREMELY AGGRESSIVE (pH = 4.65)																				
DESIGN METHODOLOGY:																				
LOAD AND RESISTANCE FACTOR DESIGN METHOD USING STRENGTH, SERVICE, EXTREME EVENT AND FATIGUE LIMIT STATES.																				
STRUCTURAL ANALYSIS PROGRAMS:																				
STAAD PRO ADVANCED CONNECT EDITION - VERSION 21.03.00.146																				
MATHCAD 15.0																				
DESIGN LOADINGS:																				
DEAD LOADS:																				
REINFORCED CONCRETE	150 PCF	LIVE LOADS:		PEDESTRIAN	90 PSF															
STRUCTURAL STEEL	490 PCF	RAIL AND POST	200 LB + 50 PLF																	
TIMBER	34.3 PCF																			
STRUCTURAL PLASTIC	65 PCF																			
CONCRETE:																				
ALL CONCRETE SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS SECTION 346.																				
CONCRETE CLASS	MIN. 28-DAY COMPRESSIVE STRENGTH (PSI)	LOCATION OF CONCRETE IN STRUCTURE																		
IV*	F'C = 5500	C.I.P. SUBSTRUCTURE																		
V (SPECIAL)*	F'C = 6000	PRESTRESSED CONCRETE PILES																		
*WITH HIGHLY REACTIVE POZZOLANS																				
REINFORCING STEEL:																				
GRADE 60 CARBON STEEL PER FDOT SPECIFICATIONS SECTION 931.																				
JOINTS IN CONCRETE:																				
CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS INDICATED IN THE PLANS. ADDITIONAL CONSTRUCTION JOINTS OR ALTERATIONS TO THOSE SHOWN SHALL REQUIRE APPROVAL OF THE ENGINEER.																				
CONCRETE COVER:																				
C.I.P. SUBSTRUCTURE:																				
EXTERNAL SURFACES CAST AGAINST EARTH OR SURFACES IN CONTACT WITH WATER: 4 1/2"																				
EXTERIOR FORMED SURFACES: 4"																				
CONCRETE COVER DIMENSIONS SHOWN IN THE PLANS DO NOT INCLUDE PLACEMENT AND FABRICATION TOLERANCES UNLESS SHOWN AS "MINIMUM COVER". SEE FDOT SPECIFICATIONS SECTION 415 FOR ALLOWABLE TOLERANCES. ALL DIMENSIONS PERTAINING TO THE LOCATION OF REINFORCING STEEL ARE TO CENTERLINE OF BAR EXCEPT WHERE CLEAR DIMENSION IS NOTED TO FACE OF CONCRETE.																				
PLAN DIMENSIONS:																				
ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET AND INCHES EITHER HORIZONTALLY OR VERTICALLY UNLESS OTHERWISE NOTED.																				
UTILITIES:																				
1. FOR PLAN LOCATION OF EXISTING UTILITIES, SEE SHEET B1-4 THRU B1-7. LOCATION OF UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE.																				
2. CONTRACTOR IS REQUIRED TO PERFORM EXPLORATORY TEST HOLES TO CONFIRM AVOIDANCE WITH THE EXISTING WATER MAIN. SEE SHEETS B1-4 THRU B1-7 FOR LOCATIONS. CONTRACTOR SHALL CONTACT HOLLY- NAVARRE WATER SYSTEM (HNWS) TO SCHEDULE A REPRESENTATIVE FROM HNWS TO BE ON SITE DURING EXPLORATORY INVESTIGATION.																				
CONTACT:																				
CORY SNYDER, P.E., MENG.										SYSTEMENGINEER@HNWS-FL.COM										
CLINTON WELLS										CWELLS@HNWS-FL.COM										
PREFABRICATED STEEL TRUSS:																				
1. CONTRACTOR SHALL SOLICIT BIDS FROM ONE PRE- APPROVED TRUSS PRE-FABRICATORS SHOWN ON SHEETS B1-24 & B1-25.																				
2. PEDESTRIAN TRUSS DESIGN AND FABRICATION SHALL MEET THE REQUIREMENTS AS OUTLINED IN CHAPTER 10 OF THE FDOT STRUCTURES MANUAL.																				
3. PEDESTRIAN DECKING MATERIAL AND RAILING SHALL MATCH THAT OF THE APPROACH BOARDWALK SECTION.																				
4. THE PEDESTRIAN TRUSS SHALL BE PAINTED IN ACCORDANCE WITH FEDERAL STANDARD NO. 595. THE COLOR SHALL BE COLOR CODE 24108. A COLOR SAMPLE SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL PRIOR TO THE PAINTING OF THE TRUSS.																				
BOARDWALK NOTES:																				
1. LUMBER SIZES SHOWN ARE NOMINAL SIZES. LUMBER SHALL BE FURNISHED IN SIZES MEETING THE REQUIREMENTS OF THE AMERICAN SOFTWOOD LUMBER STANDARD, PS20-94. LUMBER GRADE SHALL BE NO. 1, IN ACCORDANCE WITH FDOT SPECIFICATIONS SECTION 952.																				
2. ALL LUMBER (TIMBER AND POST) SHALL BE TREATED IN ACCORDANCE WITH FDOT SPECIFICATIONS SECTION 955. ALL POSTS SHALL RECEIVE TREATMENT AS REQUIRED FOR PILING ALL STRUCTURAL TIMBER SHALL BE TREATED FOR A NON- SALT (OR NON- BRACKISH) ENVIRONMENT, UNLESS SPECIFIED OTHERWISE.																				
3. THE CONTRACTOR SHALL USE BOLTS OR SCREWS, AS SHOWN, FOR ASSEMBLY OF THE BOARDWALK. ALL BOLT ASSEMBLIES SHALL HAVE WASHERS UNDER BOTH THE BOLT HEAD AND NUTS. SCREWS AND BOLTS SHALL BE COUNTERSUNK AND INSTALLED IN HOLES DRILLED WITH A COUNTERSUNK DRILL BIT. NAILS MAY ONLY BE USED FOR PRE-ASSEMBLY AS SHOWN. ALL FASTENERS SHALL BE ASTM A-307. ALL FASTENERS, INCLUDING BOLTS, NUTS, WASHERS, SCREWS AND NAILS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-153. ALL STEEL PLATES SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-123. ALL STAINLESS STEEL SCREWS SHALL BE ASTM F-593 TYPE 305.																				
TIMBER POST INSTALLATION NOTES:																				
1. POSTS SHALL BE SET BY IMPACTING AND INSTALLED TO THE DEPTH AS SHOWN ON SHEETS B1-18 AND B1-19.																				
2. NOMINAL BEARING RESISTANCE (NBR) OF THE TIMBER POSTS SHALL BE USED FOR THE SAFE BEARING VALUE (R) USED IN THE EQUATION BELOW. THE NBR FOR INTERIOR AND EXTERIOR POSTS IS 9 TONS AND 4 TONS RESPECTIVELY (CONSIDERING A COMPRESSION FACTOR $\phi = 0.65$). THE DRIVING OF THE TIMBER POSTS SHOULD BE TERMINATED IF REFUSAL CONDITIONS OF 20 BLOW COUNTS PER INCH ARE ENCOUNTERED DURING DRIVING WITH LESS THAN 1/2-INCH OF REBOUND AND THE HAMMER SELECTED FOR INSTALLATION IS OPERATING AT THE HIGHEST SETTING (I.E. MAXIMUM RELATED ENERGY). AXIAL CAPACITY OF POSTS SHALL BE VERIFIED IN ACCORDANCE WITH THE REPORT RECOMMENDATIONS.																				
$R = (2E)/(S-0.1)$ FOR POWER HAMMERS																				
WHERE:																				
R = SAFE BEARING VALUE (TONS)																				
S = AVERAGE PENETRATION (INCHES)																				
E = ENERGY PER BLOW OF HAMMER (FOOT TONS)																				
TIMBER POST AXIAL LOADS:																				
SERVICE: 6.5 KIPS (INTERIOR POST)										3.5 KIPS (EXTERIOR POST)										
FACTORED: 11.5 KIPS (INTERIOR POST)										5.0 KIPS (EXTERIOR POST)										
REQUIRED NBR (R) = FACTORED AXIAL LOAD / ϕ																				
ABBREVIATIONS:																				
SEE FDOT STANDARD PLANS FOR COMMON ABBREVIATIONS. THE FOLLOWING ARE ADDITIONAL ABBREVIATIONS:																				
BRDWLK - BOARDWALK																				
EF - EACH FACE																				
MVC - MINIMUM VERTICAL CLEARANCE																				
PMVC - POINT OF MINIMUM VERTICAL CLEARANCE																				
UNO - UNLESS NOTED OTHERWISE																				

TOM KING BAYOU
 PEDESTRIAN BRIDGE
 INDEX OF SHEETS AND GENERAL NOTES



SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION:
 CR 390 OVER TOM KING BAYOU
 PROJECT NUMBER:
 PW 19A45
 COUNTY PROJECT MANAGER:
 REBECCA JONES



American Consulting Engineers of Florida, LLC
 1448 Westchase Rd.
 Pace, Florida 32459
 Phone: (850) 269-1000 Fax: (850) 266-1001
 G. Lehmann, P.E., P. E. No. 70045

SHEET **B1-1**

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF STRUCTURE QUANTITIES

SECTION	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
FOUNDATION	0455 34 3	PRESTRESSED CONCRETE PILING (18" SQ.)	END BENT 13	LF	112		224		BEGIN BRIDGE	
			END BENT 14		112				END BRIDGE	
	0530 3 3	RIPRAP-RUBBLE (BANK AND SHORE)	EXISTING BRIDGE	TN	366.5		366.5			
	0530 74	BEDDING STONE	EXISTING BRIDGE	TN	130.5		130.5			
SUBSTRUCTURE	0400 4 5	CLASS IV CONCRETE (SUBSTRUCTURE)	END BENT 1	CY	1.2		15.0		BEGIN BOARDWALK	
			END BENT 13		6.3				BEGIN BRIDGE	
			END BENT 14		6.3				END BRIDGE	
			END BENT 43		1.2				END BOARDWALK	
	0415 1 5	REINFORCING STEEL (SUBSTRUCTURE)	END BENT 1	LB	74		2508		BEGIN BOARDWALK	
			END BENT 13		1180				BEGIN BRIDGE	
			END BENT 14		1180				END BRIDGE	
			END BENT 43		74				END BOARDWALK	
SUPERSTRUCTURE	0460 7	PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE	BRIDGE	SF	1200		1200			
	0470 1	TREATED STRUCTURAL TIMBER	BOARDWALK	MB	53.4		53.4		INCLUDES ALL TIMBER STRUCTURAL TREATED TIMBER FOR TIMBER BOARDWALK (INCLUDING SUPPORT POSTS)	

PAY ITEM NOTES:

- PAY ITEM NO. 455-34-3, PRESTRESSED CONCRETE PILING (18" SQ.) INCLUDES ALL WORK ASSOCIATED WITH 100% DYNAMIC TESTING. DYNAMIC TESTING WILL BE COMPLETED BY THE COUNTY'S DESIGNATED DYNAMIC TESTING ENGINEER. NO ADDITIONAL OR SEPARATE PAYMENT WILL BE MADE TO THE CONTRACTOR FOR ASSISTING THE DYNAMIC TESTING ENGINEER TO COMPLETE THE REQUIRED TESTING.
- PAY ITEM NO. 460-7 (PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE):
 - SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF DECK AREA UNDER PAY ITEM NO. 460-7 (PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE). THIS PAY ITEM INCLUDES FURNISHING AND INSTALLING THE PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE SUPERSTRUCTURE, INCLUDING STEEL TRUSSES, FLOOR SYSTEM, CONCRETE DECK, BEARING ASSEMBLIES, DECK JOINTS, AND BRIDGE RAILING/FENCING. PAYMENT FOR THIS PAY ITEM SHALL BE BASED ON THE PLAN QUANTITY. PORTIONS OF THE PEDESTRIAN BRIDGE OUTSIDE THE LIMITS OF THE STEEL TRUSS BRIDGE SHALL BE PAID FOR UNDER INDIVIDUAL PAY ITEMS. THE PLAN QUANTITY WILL BE BASED UPON A 12'-0" CLEAR WALKWAY WIDTH X 100'-0" BRIDGE LENGTH (FACE TO FACE OF END BENTS). THE PREFABRICATED STEEL PEDESTRIAN BRIDGE SHALL BE FABRICATED BY AN FDOT PRE-APPROVED FACILITY. THE CONTRACTOR WILL BE RESPONSIBLE FOR PICK-UP AND INSTALLATION, BUT NOT FABRICATION.
 - ELIGIBLE STEEL TRUSS PEDESTRIAN BRIDGE PRODUCERS INCLUDED IN THIS PLAN SET ARE PEDESTRIAN BRIDGE DATA SHEETS SUBMITTED BY BRIDGE PRODUCERS ELIGIBLE TO PARTICIPATE IN THIS PROJECT. NO COST SAVINGS INITIATIVE PROPOSAL SHALL BE ACCEPTED FOR THE TRUSS SUPERSTRUCTURE PORTION OF THE PROJECT. CONTACT INFORMATION FOR THE ELIGIBLE PRODUCERS IS INCLUDED IN THE DATA SHEET.
 - SHOP DRAWING SUBMITTAL PRIOR TO FABRICATION: THE CONTRACTOR'S ENGINEER OF RECORD SHALL SUBMIT SIGNED AND SEALED SUPERSTRUCTURE SHOP DRAWINGS, TECHNICAL SPECIFICATIONS, AND DESIGN CALCULATIONS TO THE ENGINEER FOR REVIEW AND APPROVAL.
 - WALKING SURFACE AND RAILING ON THE STEEL TRUSS SHALL MATCH THAT OF THE APPROACH ROADWAY. COST FOR THE WALKING SURFACE AND RAILING ON THE TRUSS SHALL BE INCLUDED INCIDENTAL TO THE PRICE OF THE STEEL TRUSS PEDESTRIAN BRIDGE.
- PAY ITEM 470-1 (TREATED STRUCTURAL TIMBER)
 - INCLUDES ALL LABOR, MATERIALS, AND HARDWARE (INCLUDING BUT NOT LIMITED TO: BOLTS, NUTS, WASHERS, SCREWS AND NAILS) ASSOCIATED WITH CONSTRUCTION OF THE TIMBER BOARDWALK.
 - THE ESTIMATED TIMBER QUANTITY FOR SUPPORT POSTS IS BASED ON A CONSTANT 8" DIAMETER POST. POSTS THAT ARE 8" IN DIAMETER AT THE TOP AND TAPER TO A LARGER DIAMETER AT THE BOTTOM MAY BE USED AT NO ADDITIONAL COSTS.
 - BOLT LENGTHS WERE CALCULATED BASED ON NOMINAL TIMBER DIMENSIONS. CONTRACTOR SHALL VERIFY REQUIRED BOLT LENGTHS BASED ON ACTUAL TIMBER DIMENSIONS.
 - THIS ITEM SHALL ALSO INCLUDE THE COST OF THE EXPLORATORY TEST HOLES TO CONFIRM AVOIDANCE WITH THE WATER MAIN.
 - STAIN COLOR CHOICES SHALL BE SUBMITTED TO THE COUNTY FOR SELECTION.

BID NOTES:

- THE BASE BID OPTION SHALL INCLUDE THE COST OF A PREFABRICATION STEEL TRUSS OF CONFIGURATION TYPE 4 OR CONFIGURATION TYPE 5. FOR CONFIGURATION SEE SHEET B1-12.
- BID OPTION 1 SHALL INCLUDE THE ADDITIONAL COST FOR A TYPE 1 PREFABRICATION STEEL TRUSS OVER THAT OF THE BASE BID OPTION.
- BID OPTION 2 SHALL INCLUDE THE ADDITIONAL COST OVER THE BASE BID OPTION FOR STRUCTURAL PLASTIC TIMBER TO BE USED IN PLACE OF THE TREATED TIMBER FOR THE FOLLOWING MEMBERS: THE DECKING, RAILING CAP, TOP RAILING AND BOTTOM RAILING. COLOR SAMPLES SHALL BE SUBMITTED TO THE COUNTY FOR SELECTION.
- BID OPTION 3 SHALL INCLUDE THE ADDITIONAL COST OVER THE BASE BID OPTION TO UPGRADE ALL TIMBER FOR THE APPROACH BOARDWALK AND MAIN SPAN TRUSS TO MARINE GRADE TIMBER.



SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION: CR 390 OVER TOM KING BAYOU
 PROJECT NUMBER: PW 19A48
 COUNTY PROJECT MANAGER: REBECCA JONES

American
 Consulting Engineers of Florida, LLC
 1448 Westchase Rd.
 Pace, Florida 32671
 Phone: (850) 269-1000 Fax: (850) 266-1001
 C. Lebrun, E. Powell, P.E. No. 70045


NUMBER	REVISIONS	DATE	APPROVED BY

SUMMARY OF STRUCTURE QUANTITIES - BID OPTION 1 - PEDESTRIAN TRUSS										
SECTION	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
SUPERSTRUCTURE	0460 7	PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE	BRIDGE	SF	1200		1200		TRUSS CONFIGURATION 1 (SEE SHEET B1-10)	


SUMMARY OF STRUCTURE QUANTITIES - BID OPTION 2 - STRUCTURAL PLASTIC										
SECTION	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
SUPERSTRUCTURE	0470 1	TREATED STRUCTURAL TIMBER	BOARDWALK	MB	44.5		53.4		INCLUDES ALL TIMBER STRUCTURAL TREATED TIMBER FOR TIMBER BOARDWALK (INCLUDING SUPPORT POSTS)	
			BOARDWALK			8.9			STRUCTURAL PLASTIC LUMBER (QUANTITY SHOWN REPRESENTS APPROACH BOARDWALK ONLY)	

SUMMARY OF STRUCTURE QUANTITIES - BID OPTION 3 - MARINE GRADE TIMBER										
SECTION	PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
SUPERSTRUCTURE	0470 1	TREATED STRUCTURAL TIMBER	BOARDWALK	MB	53.4		53.4		INCLUDES ALL TIMBER STRUCTURAL TREATED TIMBER FOR TIMBER BOARDWALK (INCLUDING SUPPORT POSTS) (QUANTITY SHOWN REPRESENTS APPROACH BOARDWALK ONLY)	


- BID OPTION NOTES:**
- BID OPTION 1: INCLUDES THE ADDITIONAL COST OVER THE BASE BID COST TO UPGRADE THE PEDESTRIAN TRUSS TO A TYPE 1 TRUSS CONFIGURATION.
 - BID OPTION 2: INCLUDES THE ADDITIONAL COST OVER THE BASE BID COST TO UPGRADE THE APPROACH BOARDWALK AND MAIN SPAN TRUSS DECKING, RAILING CAP, TOP RAILING AND BOTTOM RAILING TO STRUCTURAL PLASTIC TIMBER.
 - STRUCTURAL PLASTIC SHALL BE FIBER REINFORCED POLYMER (FRP) COMPOSITE STRUCTURAL IN ACCORDANCE WITH FDOT SPECIFICATION 973.
 - DESIGN DEAD LOAD OF STRUCTURAL PLASTIC IS 65 PCF.
 - BID OPTION 3: INCLUDES THE ADDITIONAL COST OVER THE BASE BID COST TO UPGRADE ALL TIMBER FOR THE APPROACH BOARDWALK AND MAIN SPAN TRUSS TO MARINE GRADE LUMBER.
 - WOOD TREATMENT:
 - FACTORY -TREATED LUMBER: COMPLY WITH REQUIREMENTS OF AWPA U1 - USE OF CATEGORY SYSTEM FOR WOOD TREATMENTS DETERMINED BY USE CATEGORIES, EXPECTED SERVICE CONDITIONS, AND SPECIFIC APPLICATIONS.
 - PRESERVATIVE PRESSURE TREATMENT: PRESERVATIVE PRESSURE TREATMENT OF ALL LUMBER DECKING, SUPPORTS AND HANDRAILS/GUARDRAILS: AWPA U1, USE CATEGORY UC4C, GROUND CONTACT AND MARINE EXTREME DUTY COMMODITY SPECIFICATION A USING WATERBORNE PRESERVATIVES TO ARCHIVE:
 - ACQ A, B, C & D 0.60 PCF
 - CA-B AND CA-C 0.31 PCF
 - MCA & MCA-C 0.31 PCF
 - KILN DRY LUMBER AFTER TREATMENT TO MAXIMUM MOISTURE CONTENT OF 25 PERCENT.
 - HARDWARE REQUIREMENTS:
 - BOLTS: SHALL BE STAINLESS STEEL, ONE OF THE FOLLOWING GRADES:
 - F593, AISI TYPE 316
 - A304
 - A193
 - GRADE 18-8
 - NUTS: SHALL BE STAINLESS STEEL WITH NYLOCK INSERTS, ONE OF THE FOLLOWING GRADES:
 - F593, AISI TYPE 316
 - A304
 - 194



American
Consulting Engineers of Florida, LLC
1448 Westchase Rd.
Pace, Florida 32571
Phone: (850) 289-1000 Fax: (850) 289-1001
G. Lehmann, E. Powell, P.E., No. 70045




SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS




TOM KING BAYOU
PEDESTRIAN BRIDGE

PROJECT LOCATION: CR 390 OVER TOM KING BAYOU
COUNTY PROJECT MANAGER: REBECCA JONES
PW: 19445



SANIBEL COUNTY
ENGINEER

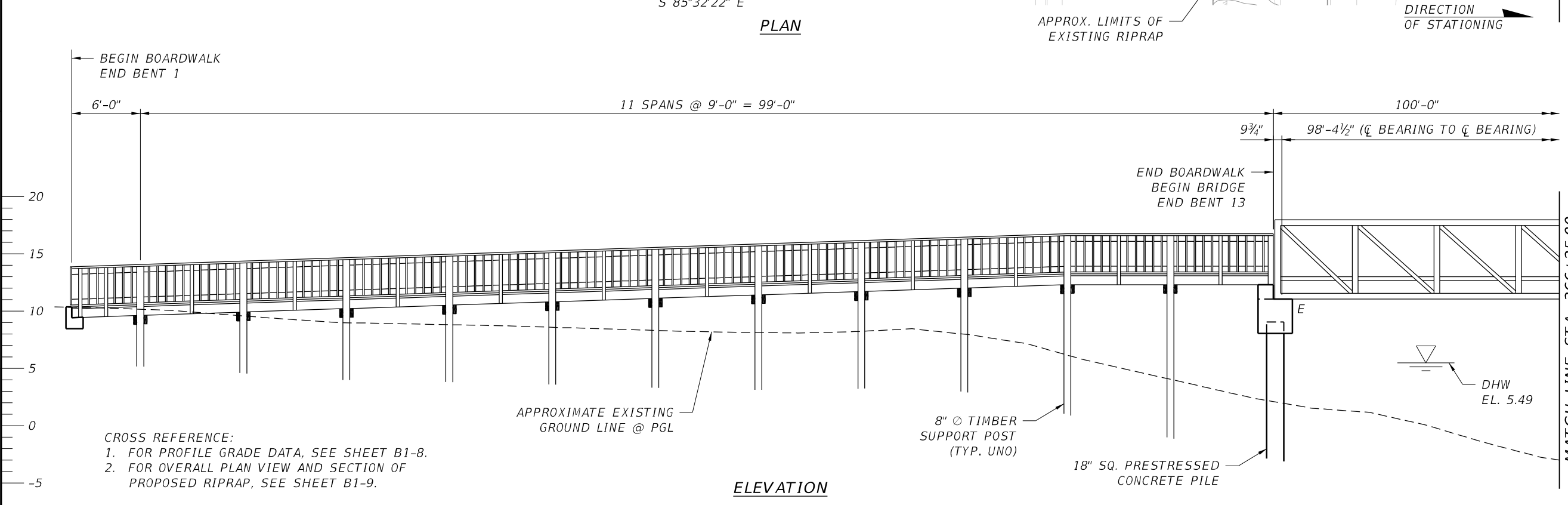
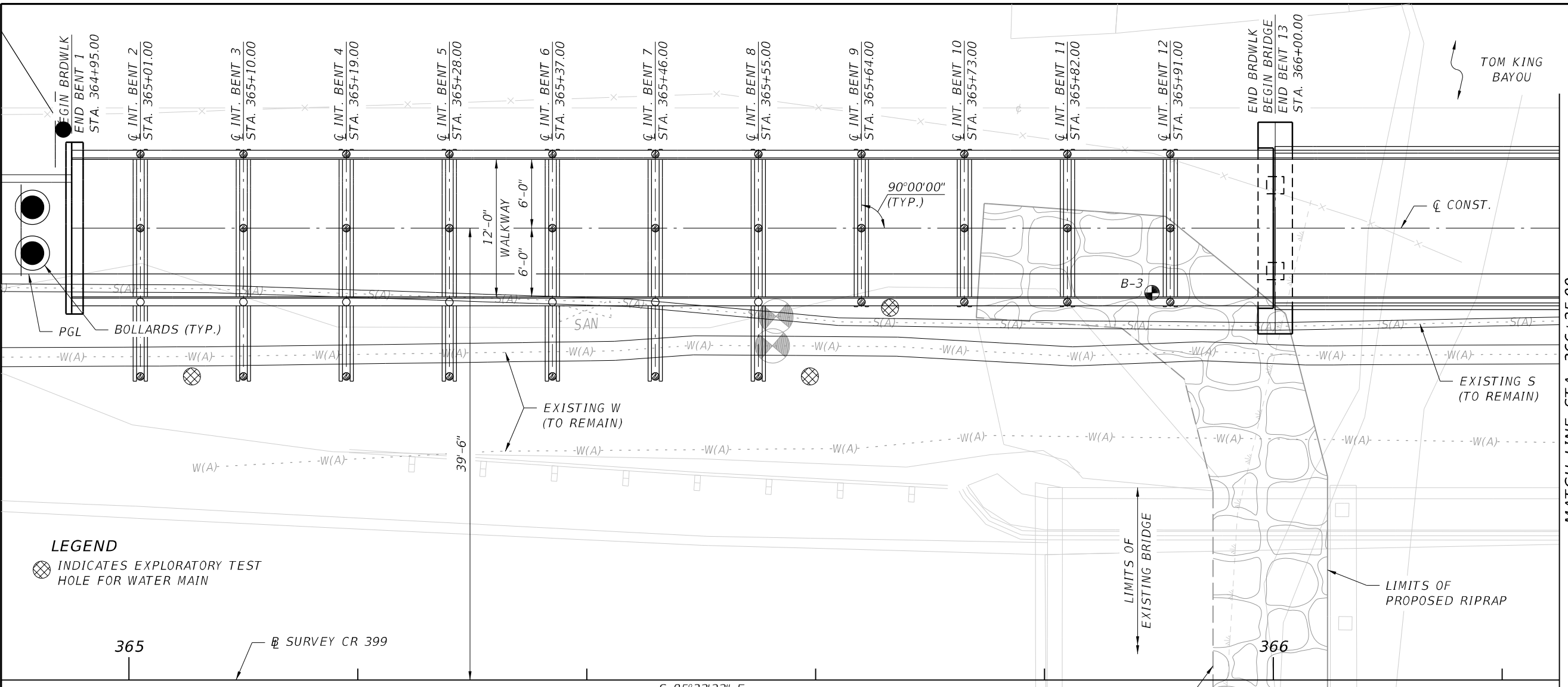


SUMMARY OF BID OPTIONS

DATE	APPROVAL	REVISIONS

SHEET **B1-3**

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 CHECKER (RP) CORRECT (Yellow Highlighter) Change (Red Pen)
 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)
 SIGNATURE: ORIGINATOR VERIFICATION (OR) (Blue Highlighter)
 REMARK INCORPORATION (Blue Highlighter)
 ORIGINATOR VERIFICATION (OR) (Yellow Highlighter) Correct (Yellow Highlighter)



CROSS REFERENCE:
 1. FOR PROFILE GRADE DATA, SEE SHEET B1-8.
 2. FOR OVERALL PLAN VIEW AND SECTION OF PROPOSED RIPRAP, SEE SHEET B1-9.

AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC
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 Certificate of Authorization No. 2302
 Leonard E. Powell, P.E., No. 70076

SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION: CR 399 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER: REBECCA JONES
 PW 19485

TOM KING BAYOU PEDESTRIAN BRIDGE
 PLAN AND ELEVATION (1 OF 4)

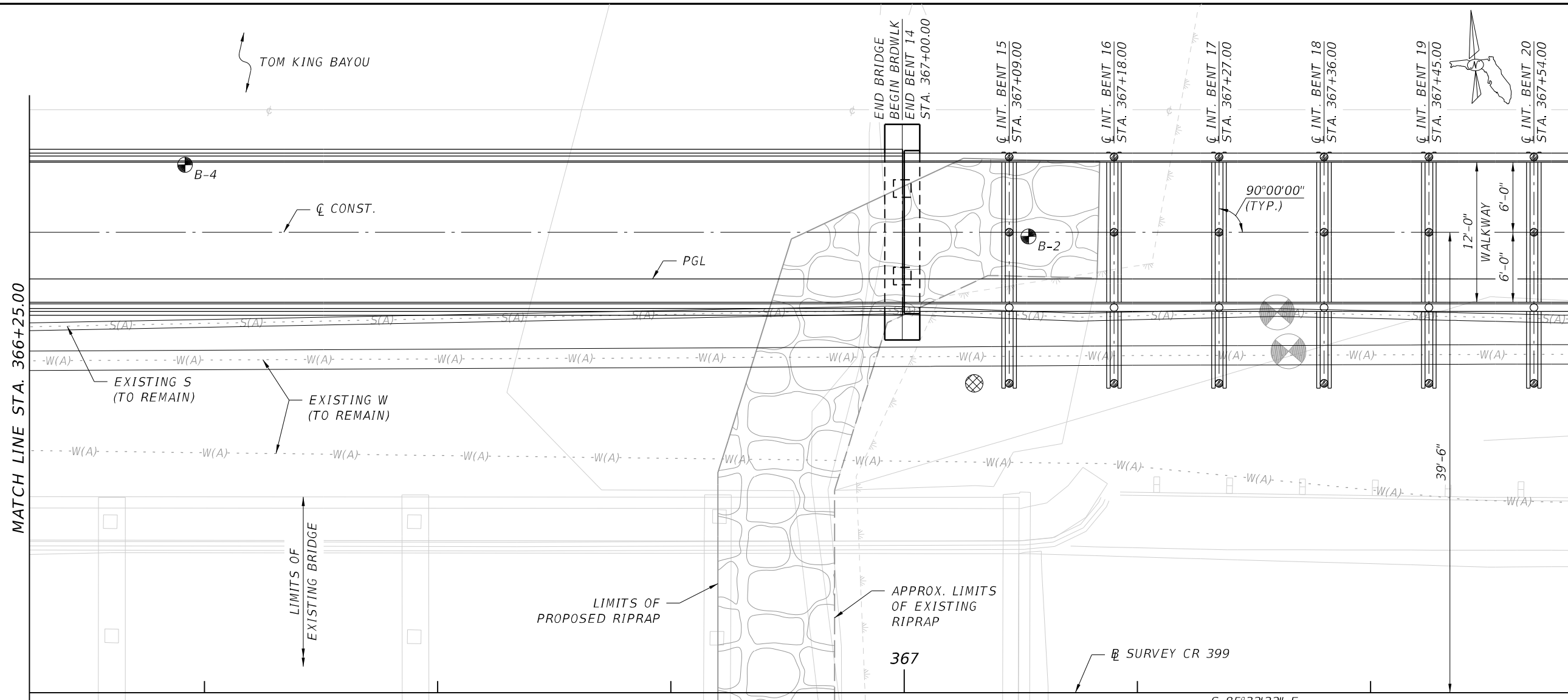
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SHEET **B1-4**

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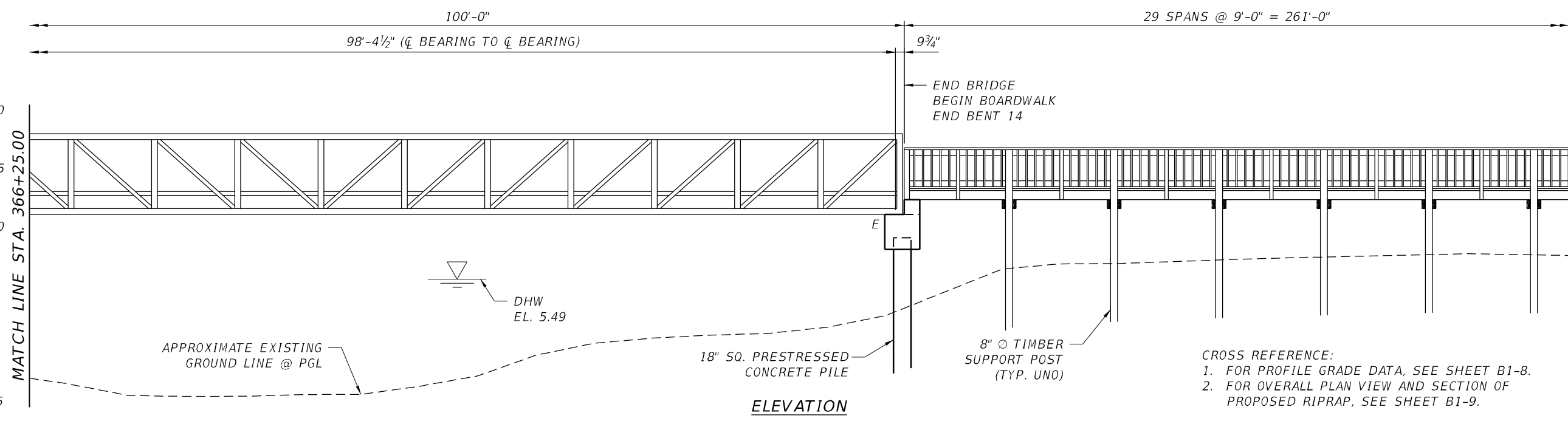
VERIFICATION, CHECKER (RP)	DATE
REMARK INCORPORATION	DATE
ORIGINATOR VERIFICATION	DATE

ORIGINATOR (RP)	DATE
CHECKER (RP)	DATE
CHANGE INCORPORATION	DATE



LEGEND

⊗ INDICATES EXPLORATORY TEST HOLE FOR WATER MAIN



TOM KING BAYOU PEDESTRIAN BRIDGE

PLAN AND ELEVATION (2 OF 4)

SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS

PROJECT LOCATION: CR 399 OVER TOM KING BAYOU

COUNTY PROJECT MANAGER: REBECCA JONES

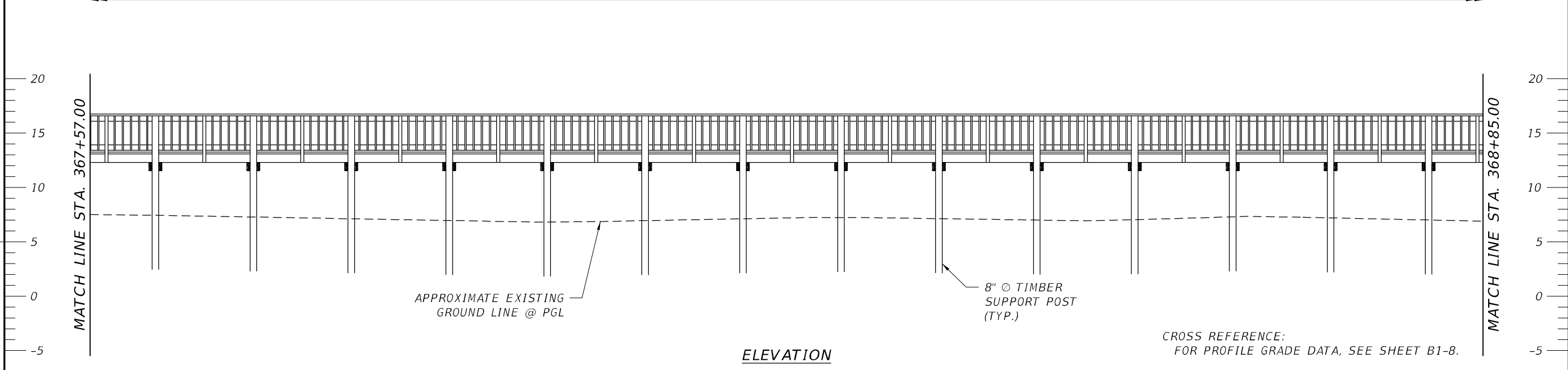
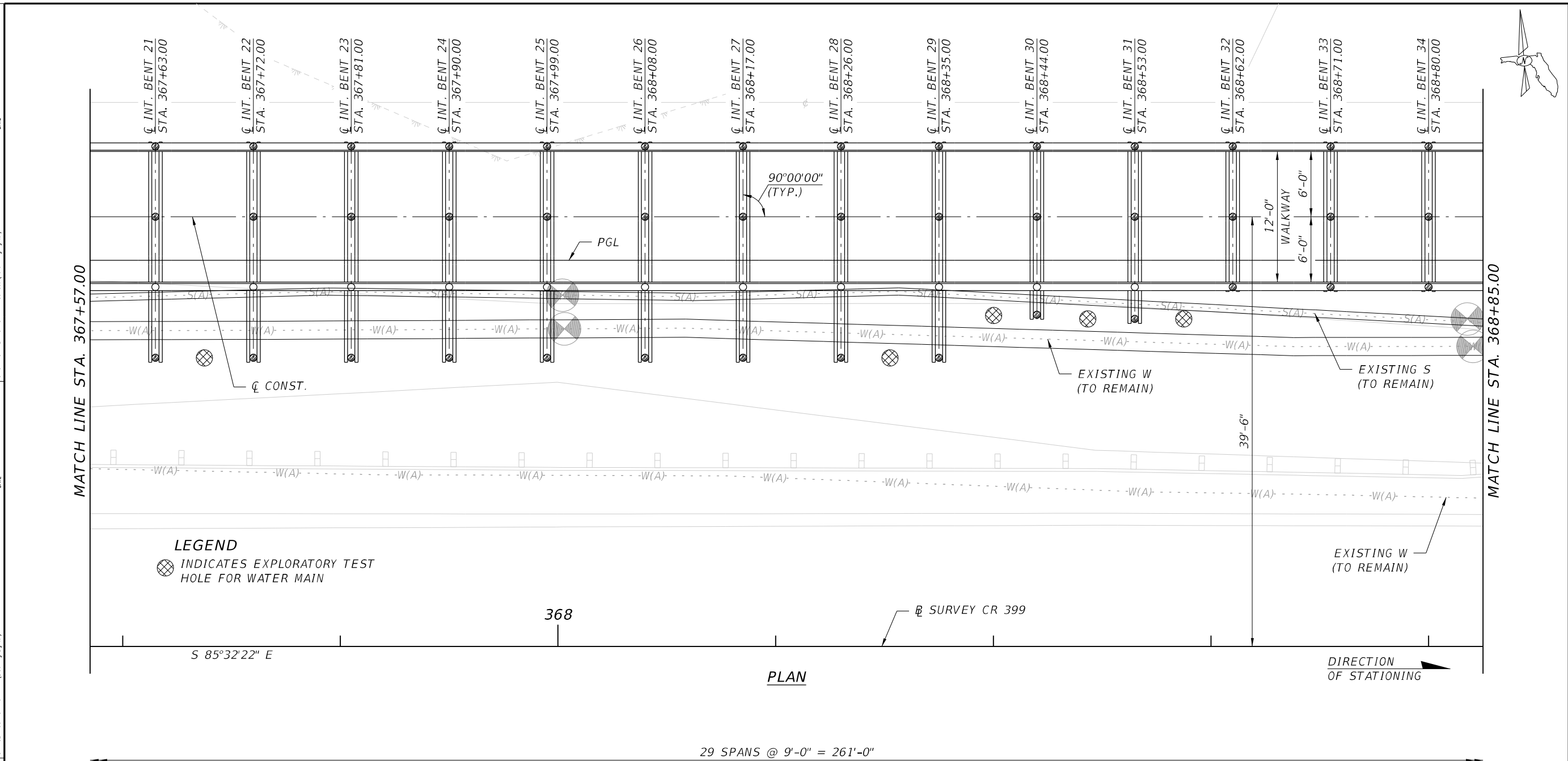
American Consulting Engineers of Florida, LLC
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 Certificate of Authorization No. 8302
 Leannan E. Powell, P.E., No. 70049



NUMBER	REVISIONS	DATE	APPROVED BY

SHEET B1-5

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 CHECKER (RP) Correct (Yellow Highlight) Change (Red Pen)
 ORIGINATOR (RP) Correct (Blue Highlight) (Blue Highlight)
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 REMARK INCORPORATION (Blue Highlight)
 ORIGINATOR VERIFICATION Correct (Yellow Highlight)

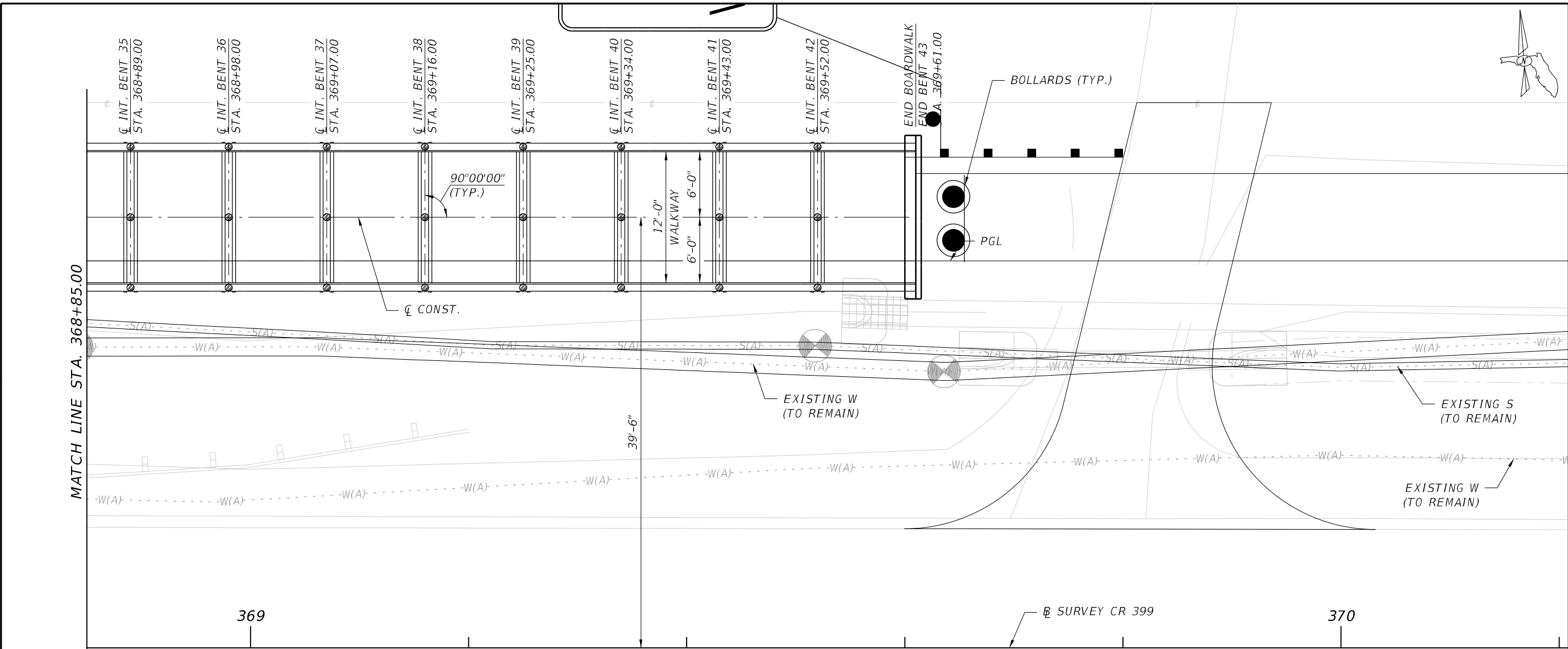


 SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 15485 COUNTY PROJECT MANAGER: REBECCA JONES		TOM KING BAYOU PEDESTRIAN BRIDGE PLAN AND ELEVATION (3 OF 4)
 American Consulting Engineers of Florida, LLC 4888 Woodbine Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leannan E. Powell, P.E., No. 70049		SHEET B1-6

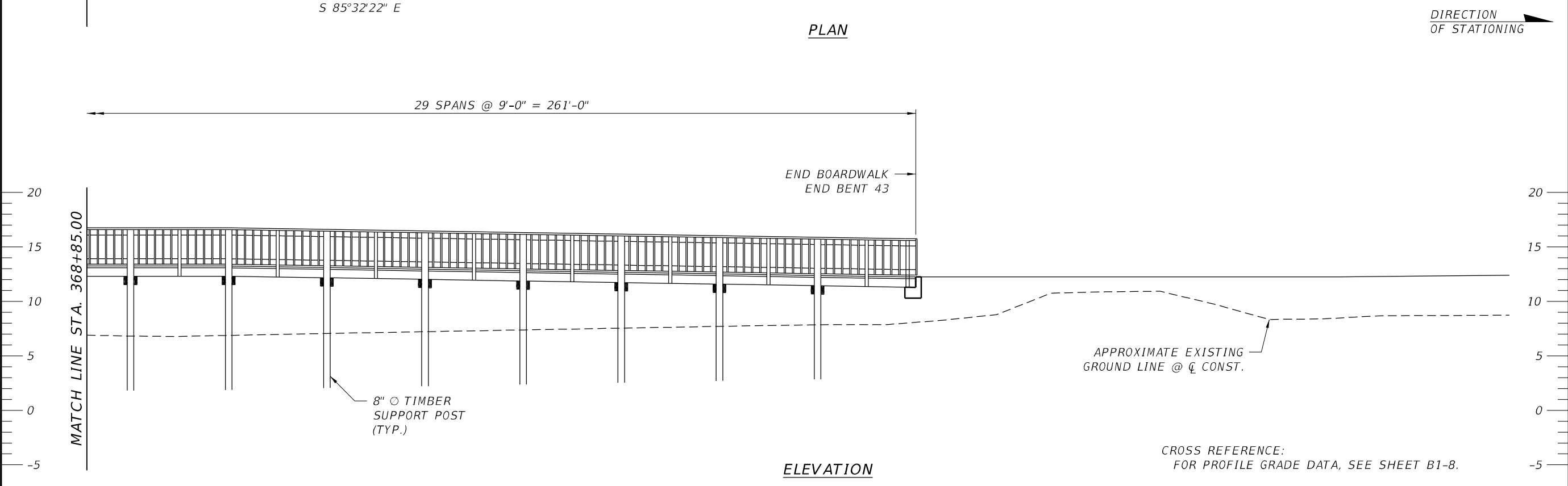
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PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)			
ORIGINATOR (RP)	Correct (Yellow Highlight)	CHANGE (Blue Highlight)	DATE
CHECKER (RP)	Correct (Yellow Highlight)	CHANGE (Blue Highlight)	DATE
VERIFICATION, CHECKER (RP)	Correct (Yellow Highlight)	CHANGE (Blue Highlight)	DATE
REMARK INCORPORATION	Correct (Yellow Highlight)	CHANGE (Blue Highlight)	DATE
ORIGINATOR VERIFICATION	Correct (Yellow Highlight)	CHANGE (Blue Highlight)	DATE





PLAN



ELEVATION

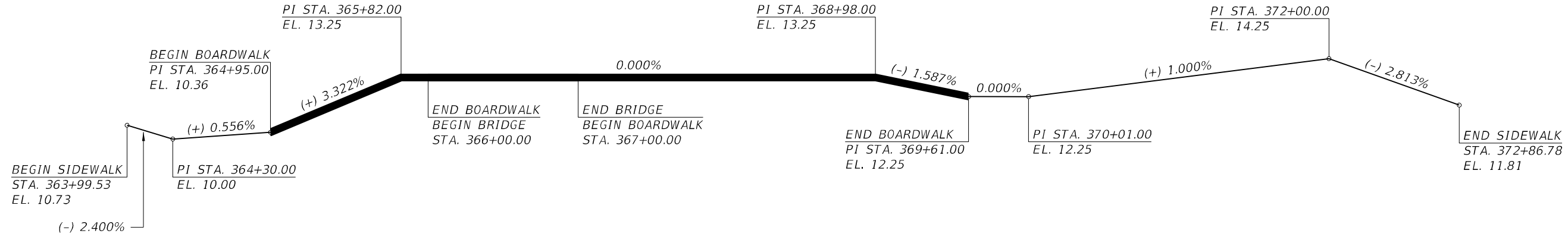
CROSS REFERENCE:
FOR PROFILE GRADE DATA, SEE SHEET B1-8.

	
TOM KING BAYOU PEDESTRIAN BRIDGE	
PLAN AND ELEVATION (4 OF 4)	
SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS	COUNTY PROJECT MANAGER REBECCA JONES
PROJECT LOCATION: CR 399 OVER TOM KING BAYOU	
PROJECT NUMBER: PW 19498	
	
American Consulting Engineers of Florida, LLC 4888 Woodbine Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leonard E. Powell, P.E., No. 70049	
SHEET	B1-7

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CHECKER (RP)	Correct (Yellow Highlighter)	DATE	
CHANGE INCORPORATION	(Blue Highlighter)	DATE	
VERIFICATION CHECKER (RP)	(Blue Highlighter)	DATE	
REMARK INCORPORATION	(Blue Highlighter)	DATE	
ORIGINATOR VERIFICATION	Correct (Yellow Highlighter)	DATE	



PROFILE GRADE DATA
(ALONG PGL)

PHASE: REVIEW

SIGNATURE:

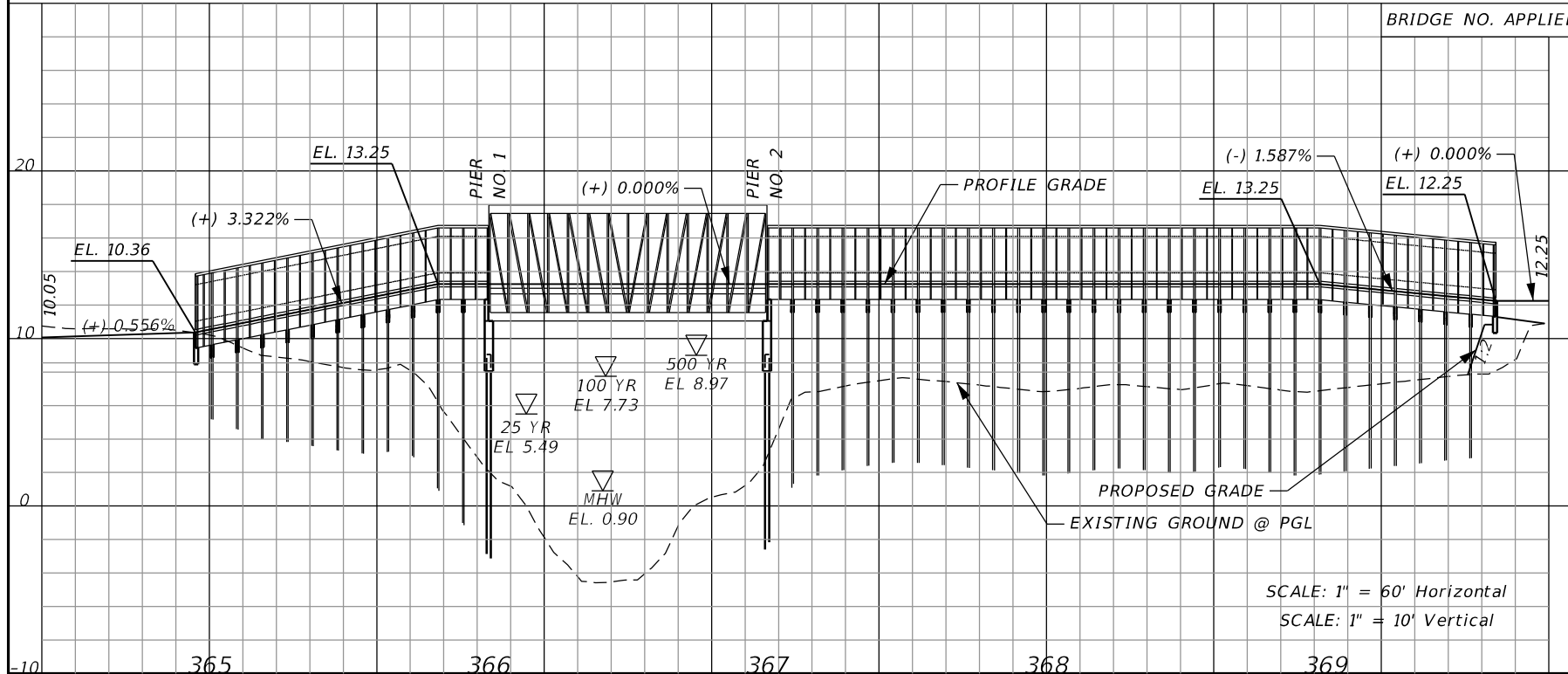
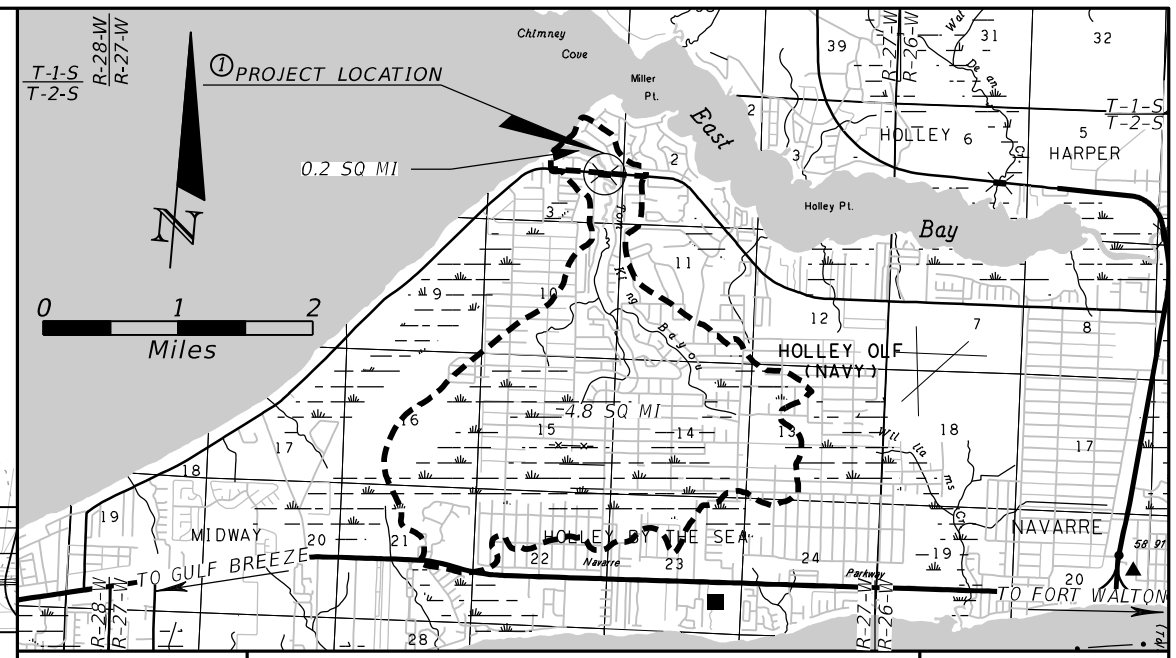
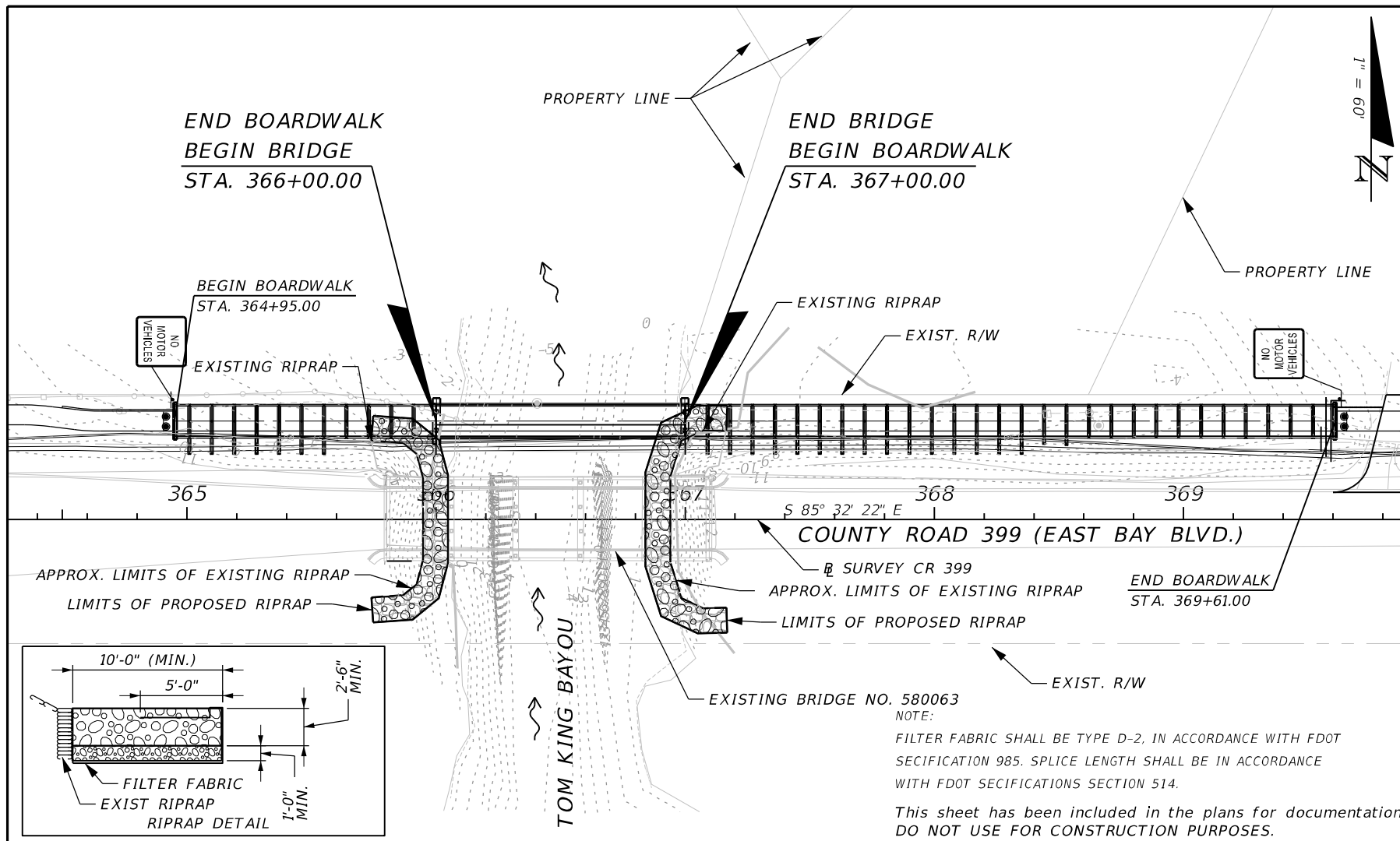
NUMBER	REVISIONS	DATE	APPROVED BY

American
Consulting Engineers of Florida, LLC
4888 Woodbridge Rd.
Phone: (850) 289-1000 Fax: (850) 289-1001
Certificate of Authorization No. 3502
Leahann E. Powell, P.E., No. 70049

SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS
PROJECT LOCATION:
CR 399 OVER TOM KING BAYOU
PROJECT NUMBER:
PW 1948H
COUNTY PROJECT MANAGER:
REBECCA JONES



TOM KING BAYOU
PEDESTRIAN BRIDGE
PROFILE GRADE



(REFERENCE) FOUNDATION	(1) EXISTING STRUCTURES				PROPOSED STRUCTURE
	(TO REMAIN) CONCRETE	(2)	(3)	(4)	
OVERALL LENGTH	130'-0"				115'-2"
SPAN LENGTH	5 @ 26'				100'
TYPE CONSTRUCTION	CONCRETE				CONCRETE
AREA OF OPENING@D.F.	612 SF				730 SF
BRIDGE WIDTH	33'-8"				12'
ELEV. LOW MEMBER	12.26				12.26'

HYDRAULIC DESIGN DATA

NOTE: This hydraulic data is a summary of design calculations and is provided for informational purposes only. The user is cautioned against the assumption of precision for the discharge rates, units are in cubic feet per second and the design stages, feet-NAVD 1988.

TERMS:
 Design Flood: Utilized to assure a desired level of hydraulic performance.
 Base Flood: Has a 1% chance of being exceeded in any given year (100 year frequency)
 Overtopping Flood: Causes flow over the highway, over a watershed divide, or thru emergency relief structures.
 Greatest Flood: The most severe that can be predicted where overtopping is not practicable.

WATER SURFACE ELEVATIONS:		N.H.W. (Non-Tidal)	N/A	M.H.W. (Tidal)	0.90
CONTROL (Non-Tidal)		N/A		M.L.W. (Tidal)	-0.29

FLOOD DATA:	MAX. EVENT OF RECORD	DESIGN FLOOD	BASE FLOOD	
STAGE ELEV. NAVD (ft)	NO RECORD	5.50	7.73	<input type="checkbox"/> OVERTOPPING or
DISCHARGE (cfs)	NO RECORD	497	632	<input checked="" type="checkbox"/> GREATEST FLOOD
AVERAGE VELOCITY (f/s)	NO RECORD	1.34	1.49	8.97
EXCEEDANCE PROB. (%)	NO RECORD	4.0	1.0	799
FREQUENCY (yr.)	NO RECORD	25	100	1.63
				0.2
				500

SCOUR PREDICTIONS FOR PROPOSED STRUCTURE DESCRIBED ABOVE:

PIER INFORMATION		LONG TERM	WORST CASE < 100 yr.	WORST CASE < 500 yr.
NUMBERS	SIZE AND TYPE	SCOUR ELEV.	FREQ. (yr.)	FREQ. (yr.)
ALL	18"x18" CONCRETE	N/A	-4.84	50
				100
				-5.09

- HYDRAULIC RECOMMENDATIONS**
- BEGIN BRIDGE STATION STA. 366+00.00 END BRIDGE STATION STA. 367+00.00 SKEW ANGLE 0°
 - CLEARANCE PROVIDED: NAV: HORIZ. 100 VERT. 12.04' ABOVE EL. 0.90 DRIFT: HORIZ. 100' VERT. 6.77' ABOVE EL. 5.49
 - MINIMUM CLEARANCE: NAV: HORIZ. N/A VERT. N/A ABOVE EL. 0.90 DRIFT: HORIZ. 10' VERT. 2' ABOVE EL. 5.49
 - ABUTMENTS:

BEGIN BRIDGE	END BRIDGE
RUBBLE GRADE: RIPRAP (BANK & SHORE)	RIPRAP (BANK & SHORE)
SLOPE: 4V:2H (MAX)	4V:2H (MAX)
BURIED OR NON-BURIED HORIZ. TOE: NON-BURIED	NON-BURIED
TOE HORIZ. DISTANCE: 10'	10'
LIMIT OF PROTECTION: STA 365+74. 42' RT & 42' LT	STA 367+17. 46' RT & 46' LT
 - DECK DRAINAGE: DRAINS DIRECTLY OVER SIDE OF DECK.

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC
 2818 Cypress Ridge Blvd. Suite 200
 Westley Chapel, Florida 33544
 Phone: (813) 435-2600 Fax: (813) 435-2601
 Certificate of Authorization No. 9302
 Eric. K Nelson, P.E. No. 79361

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID PROJECT NAME:

N/A SANTA ROSA 430468-1-38-01 TOM KING BAYOU PEDESTRIAN BRIDGE

SHEET TITLE: BRIDGE HYDRAULIC RECOMMENDATIONS

SHEET NO. B1-9

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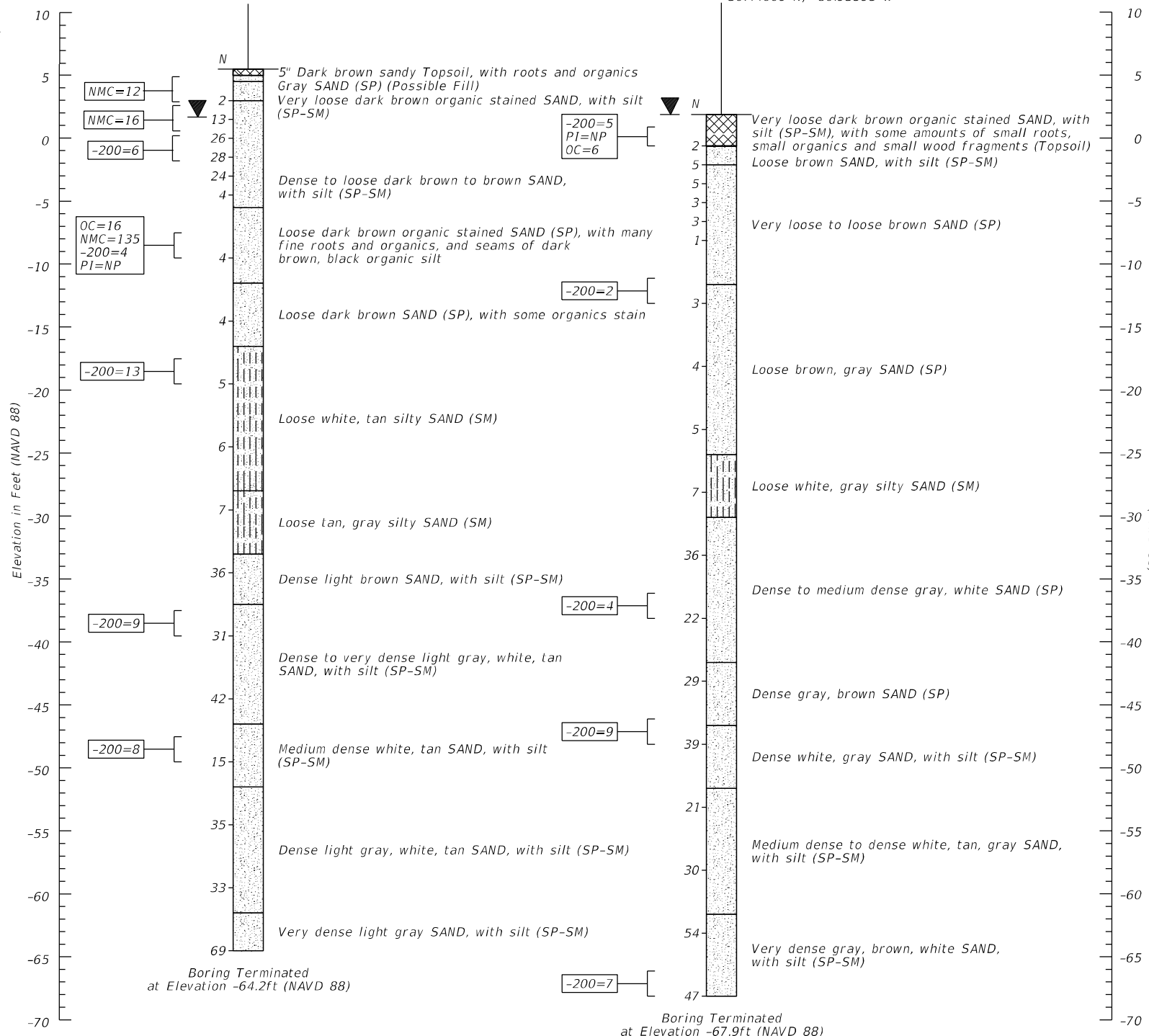
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ORIGINATOR VERIFICATION	DATE	ORIGINATOR VERIFICATION	DATE
ORIGINATOR (OR)	DATE	ORIGINATOR (OR)	DATE
CHECKER (RP)	DATE	CHECKER (RP)	DATE
CHANGE INCORPORATION	DATE	CHANGE INCORPORATION	DATE
ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	DATE
PHASE	DATE	PHASE	DATE
SIGNATURE	DATE	SIGNATURE	DATE



BOR # B-1
 ELEV. 5.8
 DATE 9/26/2019
 DRILLER M. BOATRIGT
 HAMMER Auto
 RIG CME 45
 COORNIATES 30.44606 N, 86.93547 W

BOR # B-2
 ELEV. 2.1
 DATE 9/25/2019
 DRILLER M. BOATRIGT
 HAMMER Auto
 RIG CME 45
 COORDINATES 30.44609 N, 86.93595 W

BORING LOCATION PLAN



LEGEND

- WATER
- ▨ TOPSOIL
- ▩ SAND (SP)
- ▧ SILTY SAND (SM)

- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487 GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON ELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW).
- N NUMBER TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WR SPLIT SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SEIVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- ⊙ APPROXIMATE SPT BORING LOCATION
- ▼ GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- || CASING
- ⊞ SURVEY BASELINE SURVEY

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

ENVIRONMENTAL CLASSIFICATION:
 SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
 pH=4.7
 SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
 pH=4.7
 SUPERSTRUCTURE EXTREMELY AGGRESSIVE

TOM KING BAYOU
 PEDESTRIAN BRIDGE
 REPORT OF CORE BORINGS (1 OF 2)



SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION: CR 399 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER: REBECCA JONES
 PROJECT NUMBER: PW 19A45

American
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 1448 Westchase Rd.
 Pace, Florida 32571
 Phone: (850) 269-1000 Fax: (850) 266-1001
 G. Lehmann, E. Powell, P.E., No. 70045

NO.	DATE	APPROVAL	REVISIONS

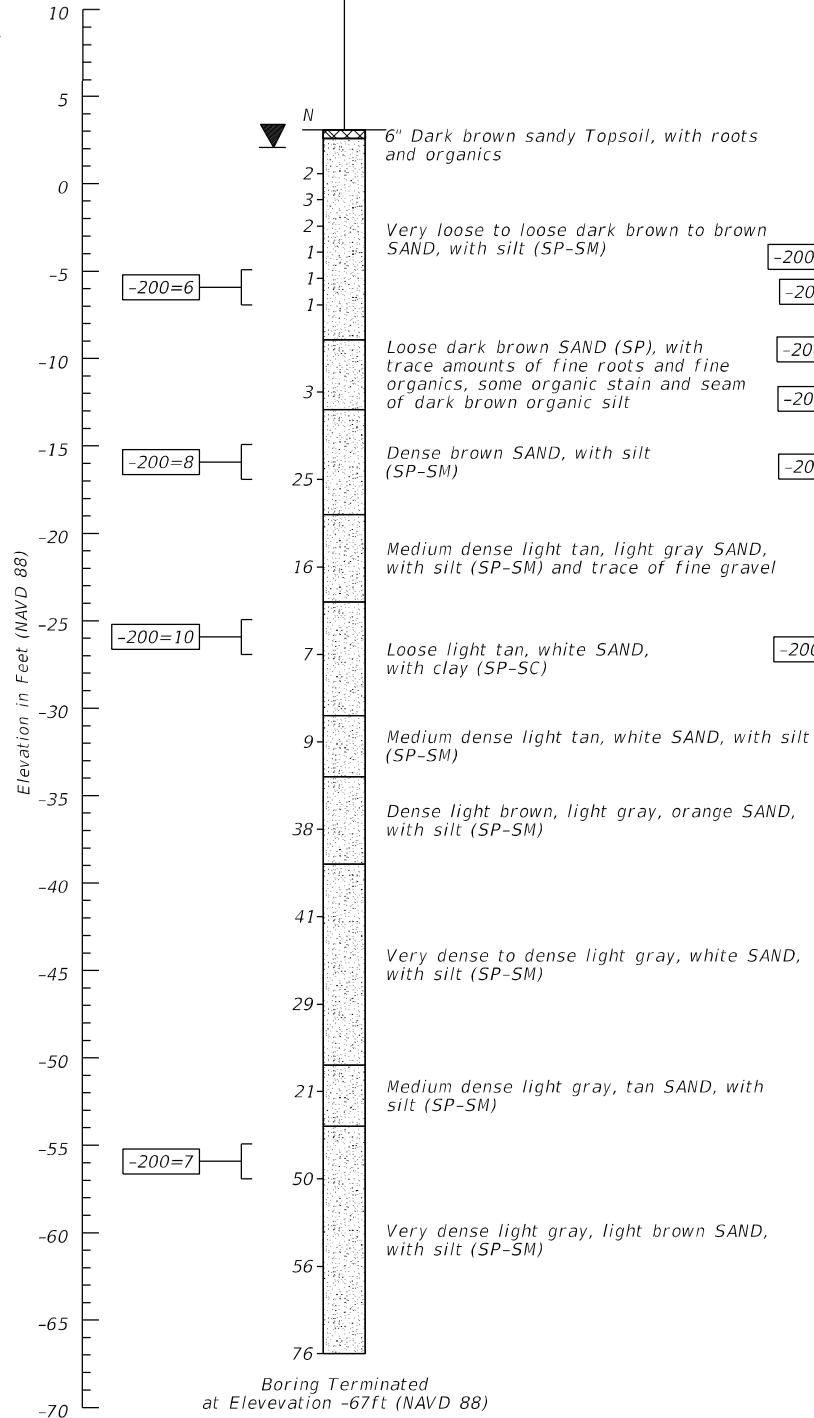
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REMARK INCORPORATION	DATE	REMARK INCORPORATION	DATE
ORIGINATOR VERIFICATION	DATE	ORIGINATOR VERIFICATION	DATE
ORIGINATOR (OR)	DATE	ORIGINATOR (OR)	DATE
CHECKER (RP)	DATE	CHECKER (RP)	DATE
CHANGE INCORPORATION	DATE	CHANGE INCORPORATION	DATE
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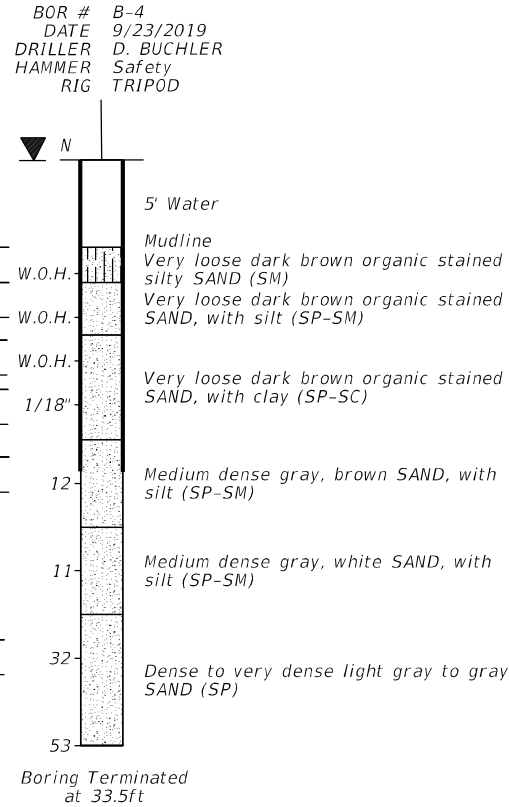


BOR # B-3
 ELEV. 3
 DATE 9/24/2019
 DRILLER M. BOATRIGHT
 HAMMER Auto
 RIG CME 45
 COORDINATES 30.44610 N, 86.93634 W

BORING LOCATION PLAN



Boring Terminated at Elevation -67ft (NAVD 88)



Boring Terminated at 33.5ft

LEGEND

- WATER
- TOPSOIL
- SAND (SP)
- SILTY SAND (SM)

- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487 GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON ELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBER TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WR SPLIT SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SEIVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- CASING
- SURVEY BASELINE SURVEY
- W.O.H. WEIGHT OF HAMMER FOR 18"

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
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ENVIRONMENTAL CLASSIFICATION:

- SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE pH=4.7
- SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE pH=4.7
- SUPERSTRUCTURE EXTREMELY AGGRESSIVE

TOM KING BAYOU PEDESTRIAN BRIDGE

REPORT OF CORE BORINGS (2 OF 2)



SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION: CR 390 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER: REBECCA JONES
 PROJECT NUMBER: PW 19A45

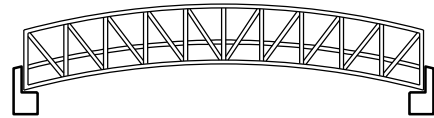
American Consulting Engineers of Florida, LLC
 1448 Westchase Rd.
 Pace, Florida 32457
 Phone: (850) 289-1000 Fax: (850) 286-1001
 G. Lehmann, E. Powell, P.E., No. 70045

NO.	DATE	APPROVAL	REVISIONS

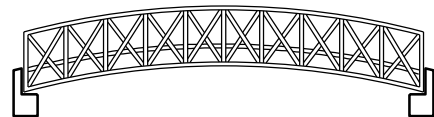
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 PHASE REVIEW
 SIGNATURE:
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 ORIGINATOR (RP) CHECKER (RP) CHANGE INCORPORATION (Blue Highlighter)
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 REMARK INCORPORATION (Blue Highlighter)
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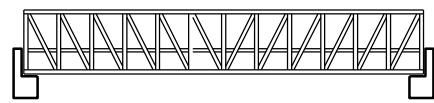
TRUSS 1



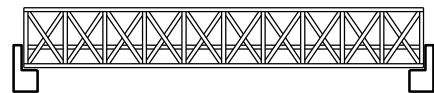
TRUSS 2



TRUSS 3



TRUSS 4



TRUSS 5

TRUSS CONFIGURATIONS

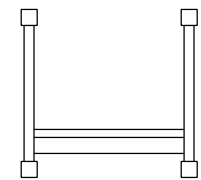
ALLOWABLE TRUSS CONFIGURATIONS*					
	TRUSS 1	TRUSS 2	TRUSS 3	TRUSS 4	TRUSS 5
Permitted (Y/N)	Y	N	N	Y	Y

*SEE BASE BID AND BID OPTION REQUIREMENTS, SHEETS B1-2 AND B1-3.

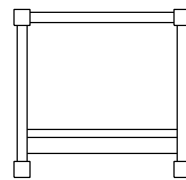


TRUSS MEMBER SHAPES

ALLOWABLE TRUSS MEMBER SHAPES		
	SHAPE 1	SHAPE 2
Permitted (Y/N)	Y	Y



SECTION 1
(THROUGH TRUSS)



SECTION 2
(BOX TRUSS)

BRIDGE CROSS-SECTIONS

*ALLOWABLE BRIDGE CROSS SECTIONS		
	SECTION 1	SECTION 2
Permitted (Y/N)	Y	N

*THROUGH TRUSS BRIDGES ARE ACCEPTABLE ONLY FOR SPANS LESS THAN OR EQUAL TO 150'-0". FOR SPANS OVER 150'-0" BOX TRUSS BRIDGES ARE REQUIRED.

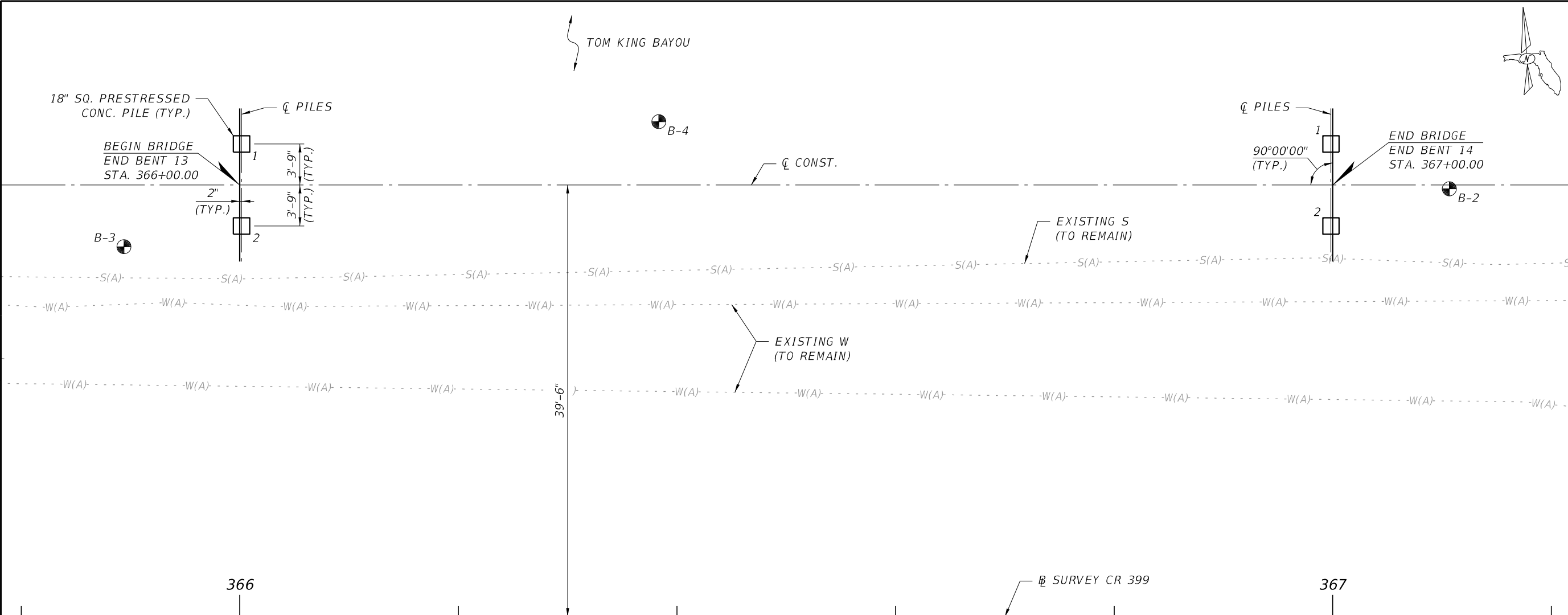
NOTES:

- ELIGIBLE PEDESTRIAN BRIDGE PRODUCERS:**
 INCLUDED IN THIS PLAN SET ARE PEDESTRIAN BRIDGE DATA SHEETS SUBMITTED BY BRIDGE PRODUCERS ELIGIBLE TO PARTICIPATE IN THIS PROJECT. PRODUCERS WHO FAILED TO SUBMIT A DATA SHEET ARE EXCLUDED FROM PARTICIPATION. NO COST SAVINGS INITIATED PROPOSAL SHALL BE ACCEPTED FOR THE TRUSS SUPERSTRUCTURE PORTION OF THE PROJECT. CONTACT INFORMATION FOR THE ELIGIBLE PRODUCERS IS INCLUDED IN THE DATA SHEETS.
- ALLOWABLE SUPERSTRUCTURE OPTIONS:**
 ALL ALLOWABLE SUPERSTRUCTURE OPTIONS ARE INDICATED BY A "Y" IN THE TABLES ON THIS SHEET. FOR MULTI -SPAN BRIDGES USE THE SAME TRUSS BRIDGE OPTIONS AND DEPTH OF TRUSS FOR EACH SPAN.
- SHOP DRAWING SUBMITTAL:**
 PRIOR TO FABRICATION THE ENGINEER OF RECORD SHALL SUBMIT SIGNED AND SEALED SUPERSTRUCTURE SHOP DRAWING, TECHNICAL SPECIFICATIONS, AND CALCULATIONS TO THE ENGINEER FOR REVIEW AND APPROVAL.

 American Consulting Engineers of Florida, LLC 4888 Woodbine Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leannan E. Powell, P.E., No. 74049		SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 19488 COUNTY PROJECT MANAGER: REBECCA JONES	 REBECCA JONES ENGINEER
TOM KING BAYOU PEDESTRIAN BRIDGE		MISCELLANEOUS DETAILS	
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-004, F.A.C.		SHEET B1-12	

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ORIGINATOR (RP)	JV	DATE	04-20	ORIGINATOR (RP)	DATE
PHASE	REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (RP)	DATE
SIGNATURE:		CHECKER (RP)	DATE	ORIGINATOR VERIFICATION	DATE
		CHANGE INCORPORATION	DATE	REMARK INCORPORATION	DATE
		VERIFICATION CHECKER (RP)	DATE	ORIGINATOR VERIFICATION	DATE
		VERIFICATION CHECKER (RP)	DATE	ORIGINATOR VERIFICATION	DATE



PLAN

DIRECTION OF STATIONING

LEGEND:

- DENOTES CONCRETE PILE
- DENOTES APPROXIMATE SOIL BORING LOCATION

CROSS REFERENCE:
FOR PILE DATA TABLE AND NOTES, SEE SHEET B1-14.

TOM KING BAYOU PEDESTRIAN BRIDGE CONCRETE PILE FOUNDATION LAYOUT	
SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 19A45	COUNTY PROJECT MANAGER: REBECCA JONES
American Consulting Engineers of Florida, LLC 1448 W. 24th St., Suite 100 Ft. Lauderdale, FL 33311 Phone: (850) 289-1000 Fax: (850) 289-1001 G. Lehmann, P.E., P.O. Box 70045	
DATE: _____ APPROVED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____ APPROVED BY: _____	
SHEET B1-13	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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PHASE REVIEW
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 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)
 ORIGINATOR (RP) Correct (Yellow Highlighter) Change (Red Pen)
 CHECKER (RP) (Green Pen X-Out to Disapprove or Remark)
 CHANGE INCORPORATION (Blue Highlighter)
 VERIFICATION CHECKER (OR) (Blue Highlighter)
 REMARK INCORPORATION (Blue Highlighter)
 ORIGINATOR VERIFICATION Correct (Yellow Highlighter)
 DATE DATE DATE

CONCRETE PILE DATA TABLE															TABLE DATE 01/01/16	
INSTALLATION CRITERIA								DESIGN CRITERIA						PILE CUT-OFF ELEVATIONS		
PIER or BENT NUMBER	PILE SIZE (IN.)	NOMINAL BEARING RESISTANCE (TONS)	NOMINAL UPLIFT RESISTANCE (TONS)	MINIMUM TIP ELEVATION (FT.)	PILE ORDER LENGTH (FT.)	REQUIRED JET ELEVATION (FT.)	REQUIRED PREFORM ELEVATION (FT.)	FACTORED DESIGN LOAD (TONS)	FACTORED DESIGN UPLIFT LOAD (TONS)	DOWN DRAG (TONS)	TOTAL SCOUR RESISTANCE (TONS)	NET SCOUR RESISTANCE (TONS)	100-YEAR SCOUR ELEVATION (FT.)	Ø COMPRESSION	Ø UPLIFT	ALL PILES
END BENT 13	18"	64	N/A	NOTE 6	56	N/A	N/A	47	N/A	N/A	1	1	-5.09	0.75	N/A	8.9
END BENT 14	18"	67	N/A	NOTE 6	56	N/A	N/A	47	N/A	N/A	3	3	-5.09	0.75	N/A	8.9

$$\frac{\text{FACTORED DESIGN LOAD} + \text{NET SCOUR RESISTANCE} + \text{DOWN DRAG}}{\phi} \leq \text{NOMINAL BEARING RESISTANCE}$$

NOMINAL UPLIFT RESISTANCE: THE ULTIMATE SIDE FRICTION CAPACITY THAT MUST BE OBTAINED BELOW THE 100 YEAR SCOUR ELEVATION TO RESIST PULLOUT OF THE PILE.

TOTAL SCOUR RESISTANCE: AN ESTIMATE OF THE ULTIMATE STATIC SIDE FRICTION RESISTANCE PROVIDED BY THE SCOURABLE SOIL.



NET SCOUR RESISTANCE: AN ESTIMATE OF THE ULTIMATE STATIC SIDE FRICTION RESISTANCE PROVIDED BY THE SOIL FROM THE REQUIRED PREFORMED OR JETTING ELEVATION TO THE SCOUR ELEVATION.

100-YEAR SCOUR ELEVATION: ESTIMATED ELEVATION OF SCOUR DUE TO THE 100 YEAR STORM EVENT.

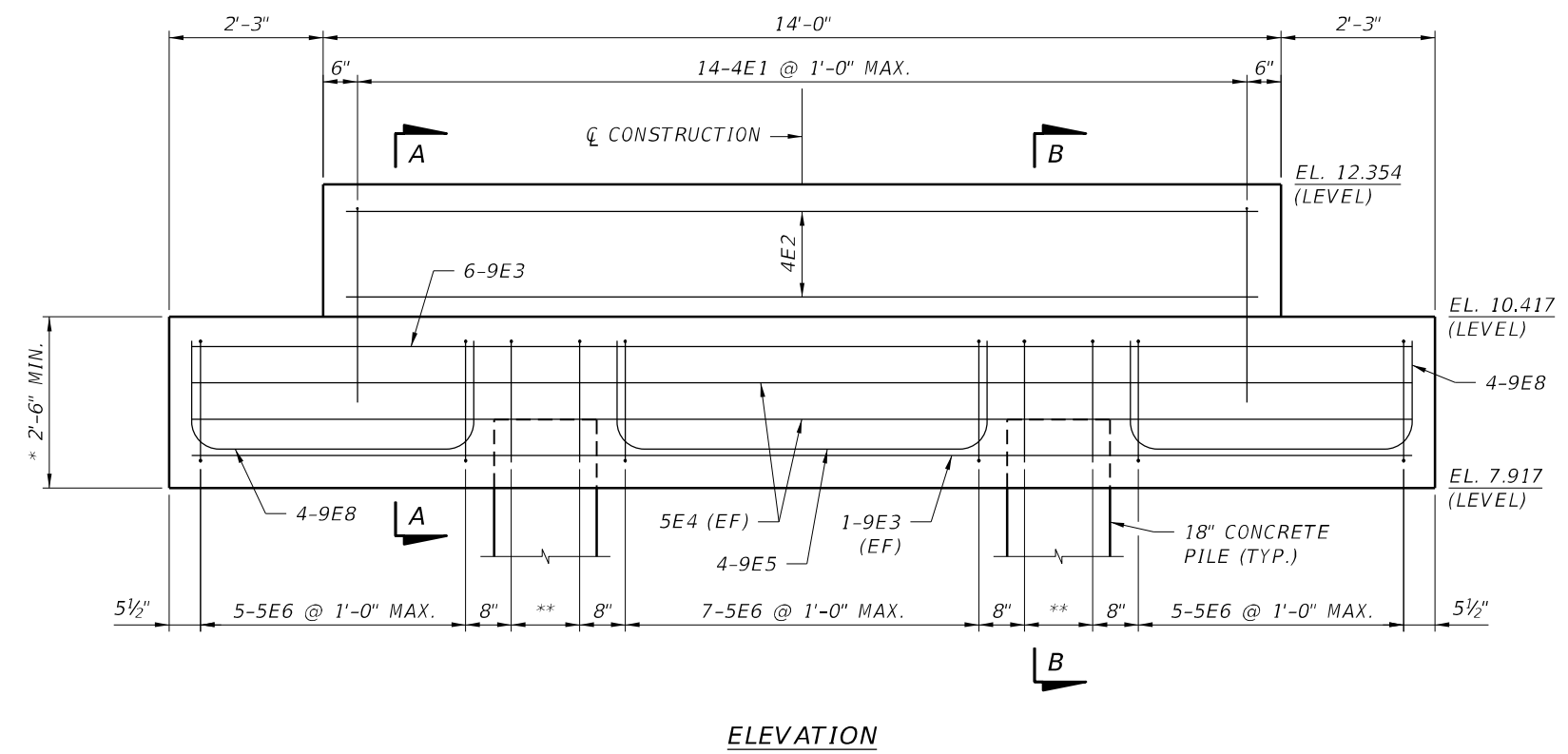
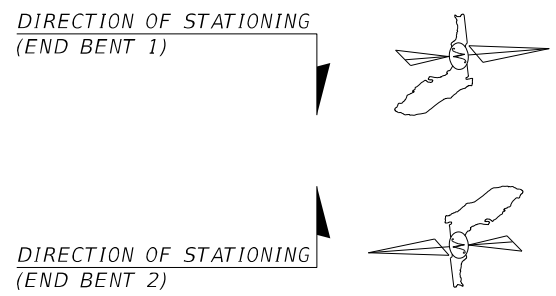
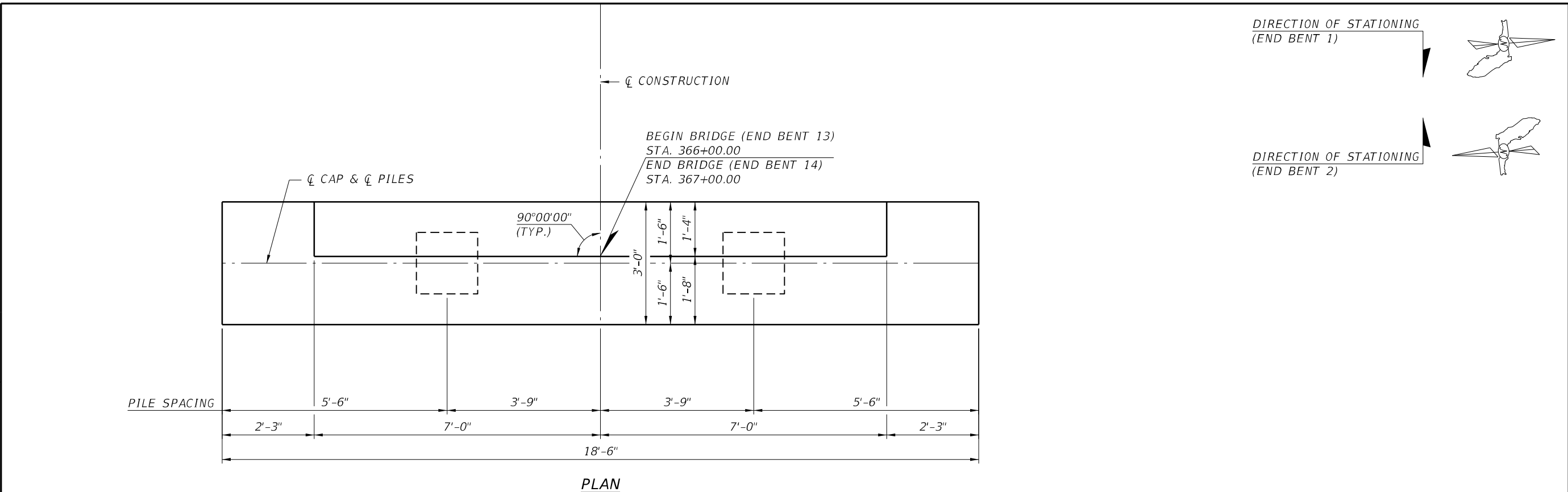
PILE INSTALLATION NOTES:

- ALL PILES SHALL BE 18" SQ. PRESTRESSED CONCRETE PILES AND SHALL BE DRIVEN PLUMB UNLESS OTHERWISE NOTED IN THE PLANS (FDOT STANDARD PLANS NOS. 455-001, 455-002, 455-003 AND 455-018).
- PILES MUST BE DRIVEN TO THE REQUIRED ULTIMATE RESISTANCE OR REFUSAL, WHICHEVER OCCURS FIRST.
- VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO DRIVING ANY PILES. NOTIFY ALL INVOLVED UTILITY COMPANIES PRIOR TO EXCAVATION, PILE DRIVING OR CONSTRUCTION AND ASSURE THAT UTILITIES ARE PROPERLY MAINTAINED AND PROTECTED AGAINST DAMAGE DURING CONSTRUCTION.
- DO NOT JET OR PREFORM THE PILE LOCATIONS WITHOUT THE APPROVAL OF THE ENGINEER.
- ALL PILES SHALL BE DYNAMICALLY MONITORED IN ACCORDANCE WITH FDOT SPECIFICATIONS SECTION 455.
- MINIMUM TIP ELEVATION SHALL BE IN ACCORDANCE WITH SECTION 455-5.9 OF THE FDOT SPECIFICATIONS.

CROSS REFERENCE:
 FOR FOUNDATION LAYOUT, SEE SHEET B1-13.

 TOM KING BAYOU PEDESTRIAN BRIDGE PILE DATA TABLE	
SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 19A45 COUNTY PROJECT MANAGER: REBECCA JONES	 American Consulting Engineers of Florida, LLC 1448 W. 4th St., Suite 200 Ft. Lauderdale, FL 33304 Phone: (850) 269-1000 Fax: (850) 266-1001 Website: www.american-engineers.com License No. P.E. No. 70045
NUMBER DATE APPROVAL	SHEET B1-14 THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)
 SIGNATURE:



*CAP HEIGHT MAY BE INCREASED WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE THE CONTRACTOR'S CHOICE OF PREFABRICATED STEEL TRUSS BRIDGE
 **2-5E7 @ 1'-0"

- CROSS REFERENCE:
- FOR FOUNDATION LAYOUT, SEE SHEET B1-13.
 - FOR SECTIONS A-A AND B-B, SEE SHEET B1-16.
 - FOR REINFORCING BAR LIST, SEE SHEET B1-23.

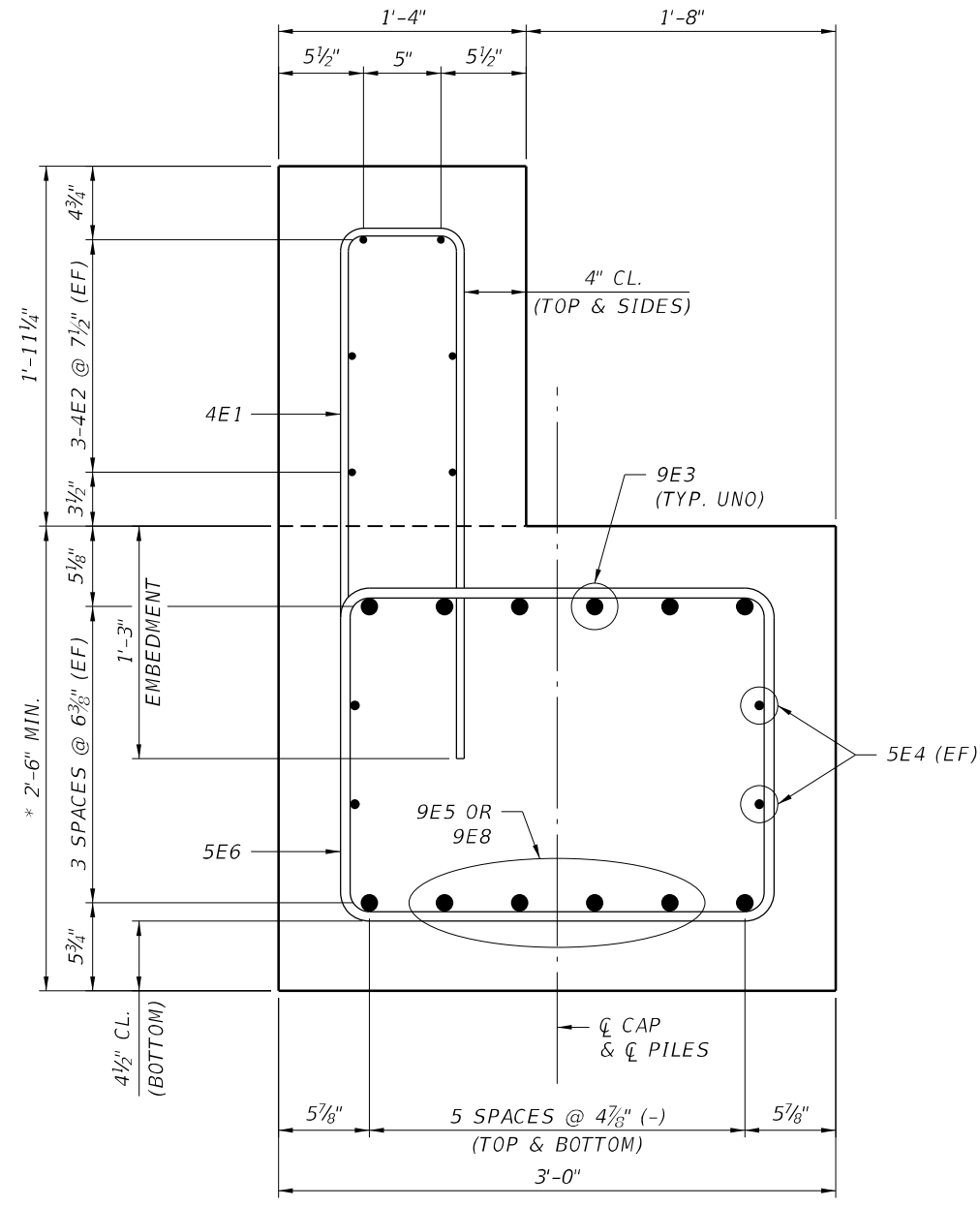
SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU COUNTY PROJECT MANAGER: REBECCA JONES		TOM KING BAYOU PEDESTRIAN BRIDGE END BENTS 1 AND 2
American Consulting Engineers of Florida, LLC 4888 Woodbridge Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leannan E. Powell, P.E., No. 70049		SANTA ROSA COUNTY ENGINEER
DATE: APPROVED BY:	DATE:	SHEET: B1-15

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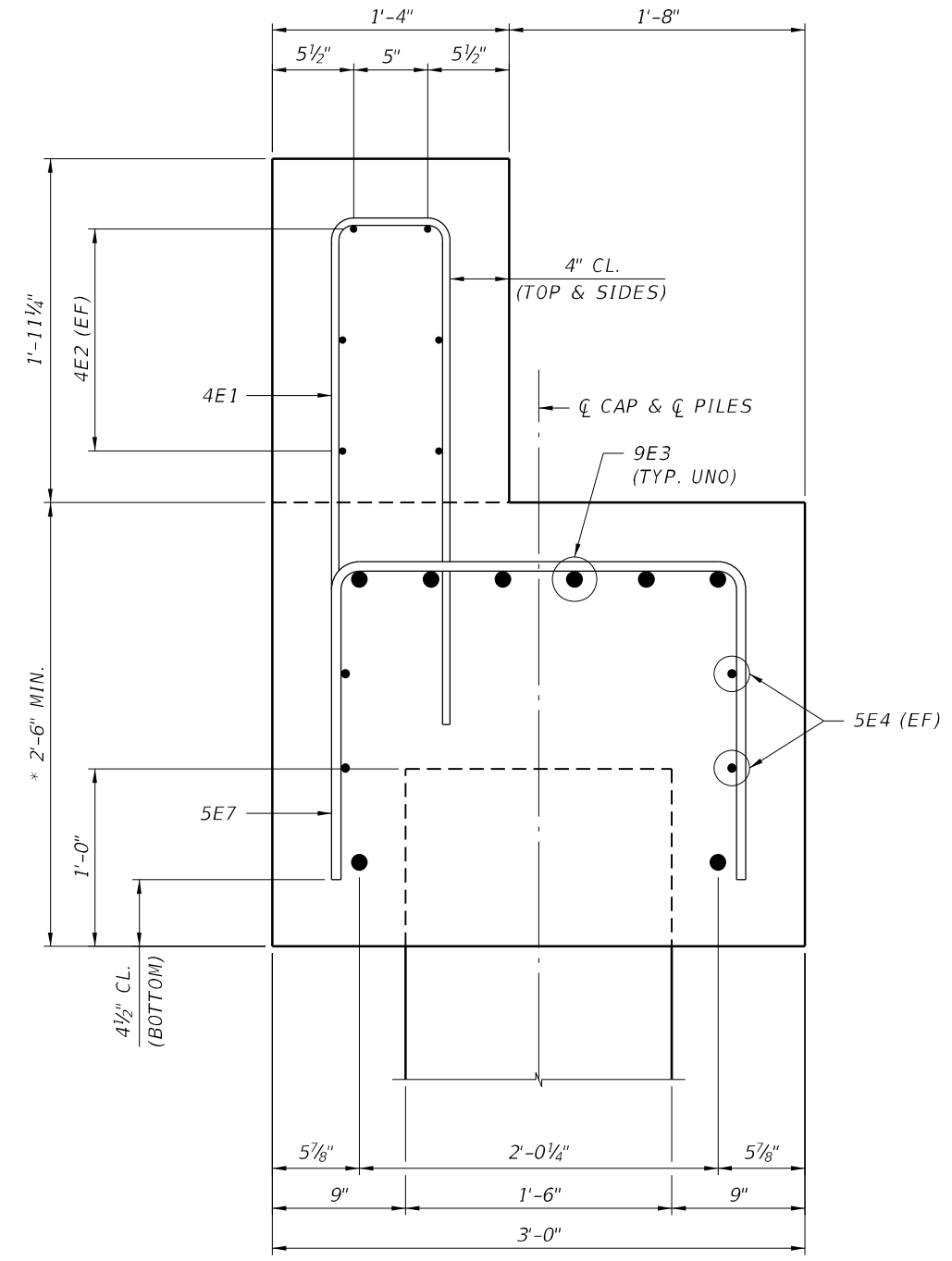
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CHECKER (RP)	CORRECT (Yellow Highlight)	CHANGE (Blue Highlight)
DATE	DATE	DATE

VERIFICATION CHECKER (RP)	(Blue Highlight)
REMARK INCORPORATION	(Blue Highlight)
ORIGINATOR VERIFICATION	Correct (Yellow Highlight)
DATE	DATE



SECTION A-A
 (END BENT 13 SHOWN, END BENT 14 SIMILAR)



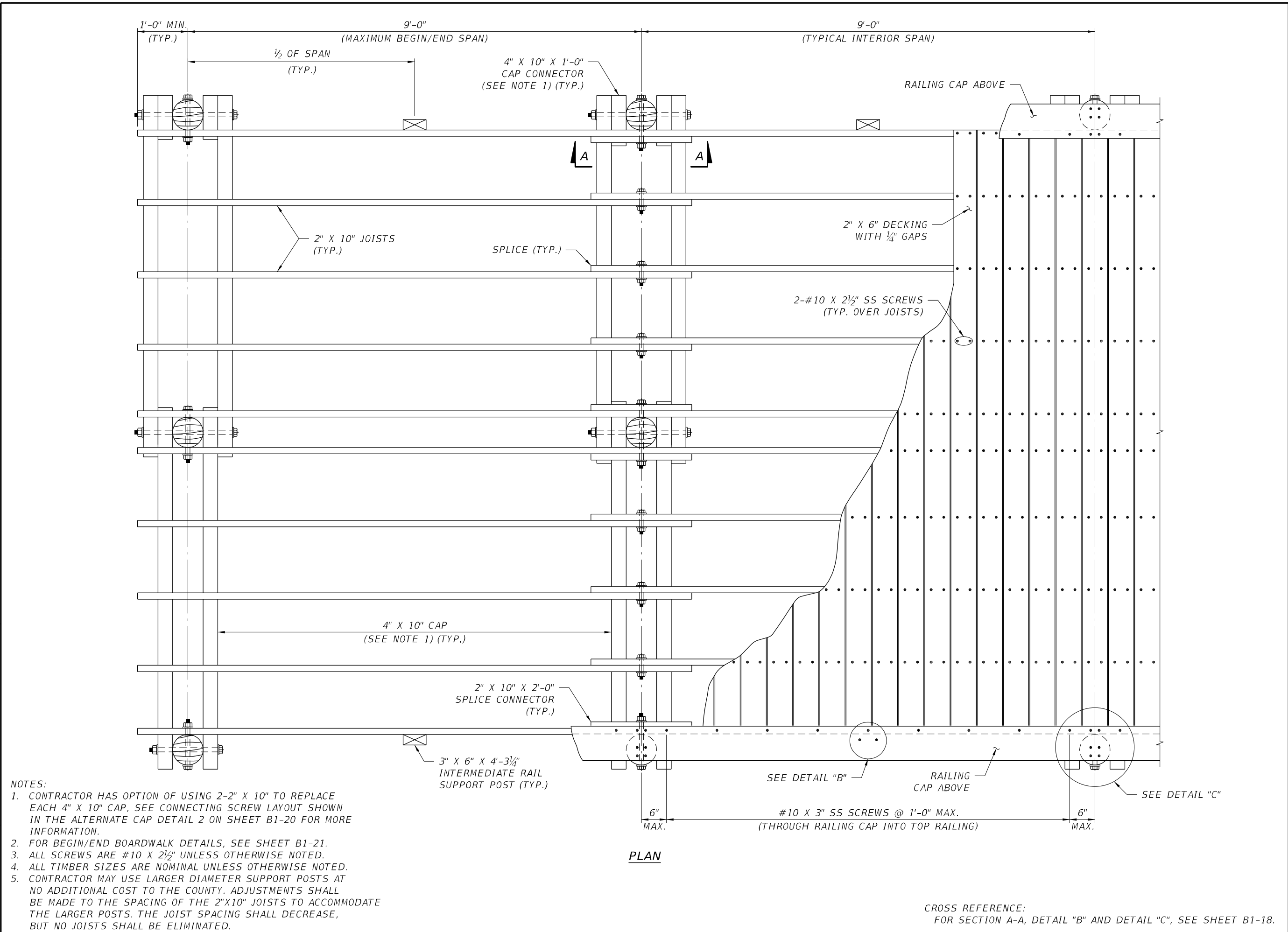
SECTION B-B
 (END BENT 13 SHOWN, END BENT 14 SIMILAR)

*CAP HEIGHT MAY BE INCREASED WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE THE CONTRACTOR'S CHOICE OF PREFABRICATED STEEL TRUSS BRIDGE

- CROSS REFERENCE:
 1. FOR LOCATION OF SECTIONS A-A AND B-B, SEE SHEET B1-15.
 2. FOR REINFORCING BAR LIST, SEE SHEET B1-23.

 American Consulting Engineers of Florida, LLC 4888 Woodbridge Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leann R. Powell, P.E., No. 74046		SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 390 OVER TOM KING BAYOU COUNTY PROJECT MANAGER: REBECCA JONES	TOM KING BAYOU PEDESTRIAN BRIDGE END BENT DETAILS
DATE: _____ APPROVED BY: _____ REVISIONS: _____ NUMBER: _____	THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.		

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 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)
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 VERIFICATION, CHECKER (RP) (Blue Highlighter)
 REMARK INCORPORATION (Blue Highlighter)
 ORIGINATOR VERIFICATION (Yellow Highlighter) Correct (Yellow Highlighter)



TOM KING BAYOU
PEDESTRIAN BRIDGE
12'-0" TIMBER BOARDWALK (1 OF 4)

SANTA ROSA COUNTY ENGINEER

SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION:
 CR 390 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER:
 REBECCA JONES
 PROJECT NUMBER:
 PW 17498

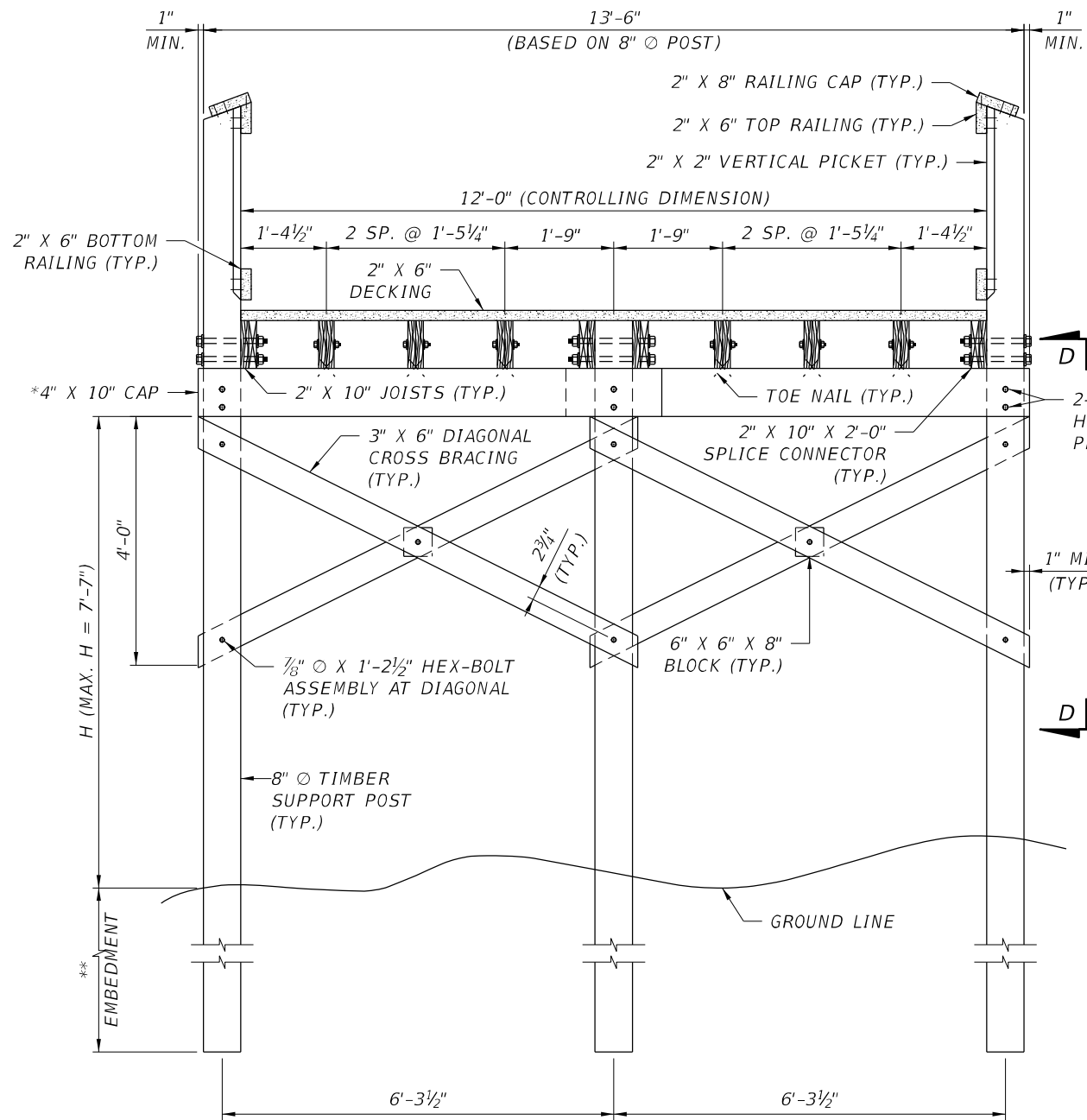
American
 Consulting Engineers of Florida, LLC
 4888 Woodbridge Rd.
 Phone: (850) 289-1000 Fax: (850) 289-1001
 Certificate of Authorization No. 3502
 Leanne E. Powell, P.E., No. 70046

NO.	REVISIONS	DATE	APPROVED BY

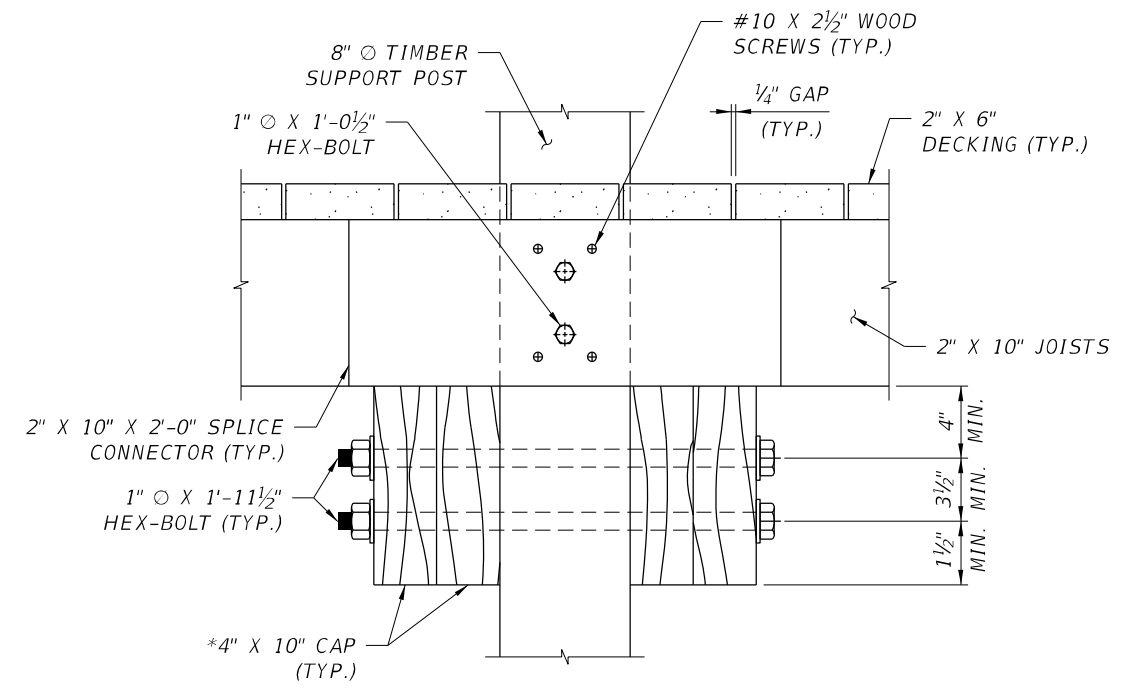
SHEET **B1-17**

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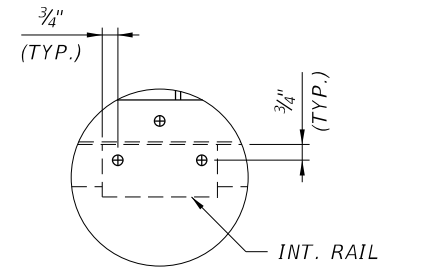
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 PHASE REVIEW
 SIGNATURE: PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)
 CHECKER (RP) (Green Pen X-Out to Disapprove or Remark)
 CHANGE INCORPORATION (Blue Highlighter)
 ORIGINATOR VERIFICATION (Blue Highlighter)
 REMARK INCORPORATION (Blue Highlighter)
 VERIFICATION CHECKER (OR) (Blue Highlighter)
 DATE DATE DATE DATE



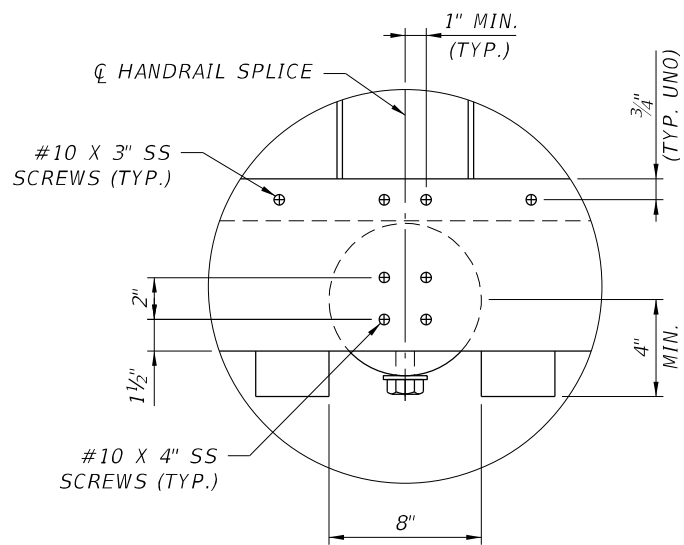
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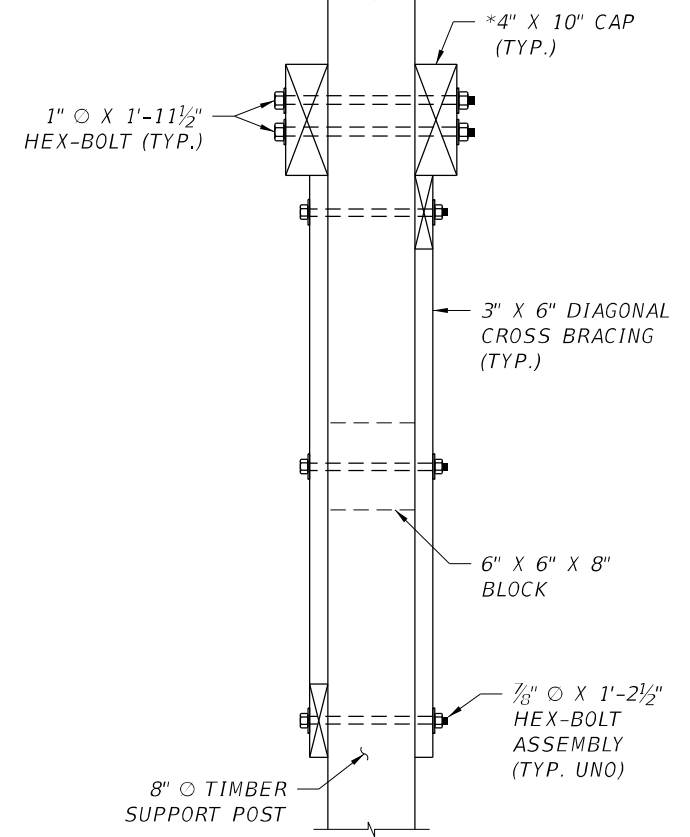
SECTION A-A



DETAIL "B"



DETAIL "C"



SECTION D-D

*CONTRACTOR HAS OPTION OF USING 2-2" X 10" TO REPLACE EACH 4" X 10" CAP, SEE CONNECTING SCREW LAYOUT SHOWN IN THE ALTERNATE CAP 2 DETAIL ON SHEET B1-20 FOR MORE INFORMATION
 **THE EMBEDMENT DEPTH IS MEASURED FROM THE BOTTOM OF ANY UNSUITABLE MATERIAL (MUCK, ETC.). THE BOTTOM OF THE UNSUITABLE MATERIAL IS EL. -12.00
 EXTERIOR POST EMBEDMENT DEPTH - 18'-0"
 INTERIOR POST EMBEDMENT DEPTH - 21'-0"
 NOTE:
 1. ALL TIMBER SIZES ARE NOMINAL UNLESS OTHERWISE NOTED.
 2. CONTRACTOR MAY USE LARGER DIAMETER SUPPORT POSTS AT NO ADDITIONAL COST TO THE COUNTY. ADJUSTMENTS SHALL BE MADE TO THE SPACING OF THE 2"X10" JOISTS TO ACCOMMODATE THE LARGER POSTS. THE JOIST SPACING SHALL DECREASE, BUT NO JOISTS SHALL BE ELIMINATED.
 CROSS REFERENCE:
 FOR LOCATION OF SECTION A-A, DETAIL "B" AND DETAIL "C", SEE SHEET B1-17.

TOM KING BAYOU
 PEDESTRIAN BRIDGE
 12'-0" TIMBER BOARDWALK (2 OF 4)



SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION:
 CR 399 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER:
 REBECCA JONES
 PW 19445

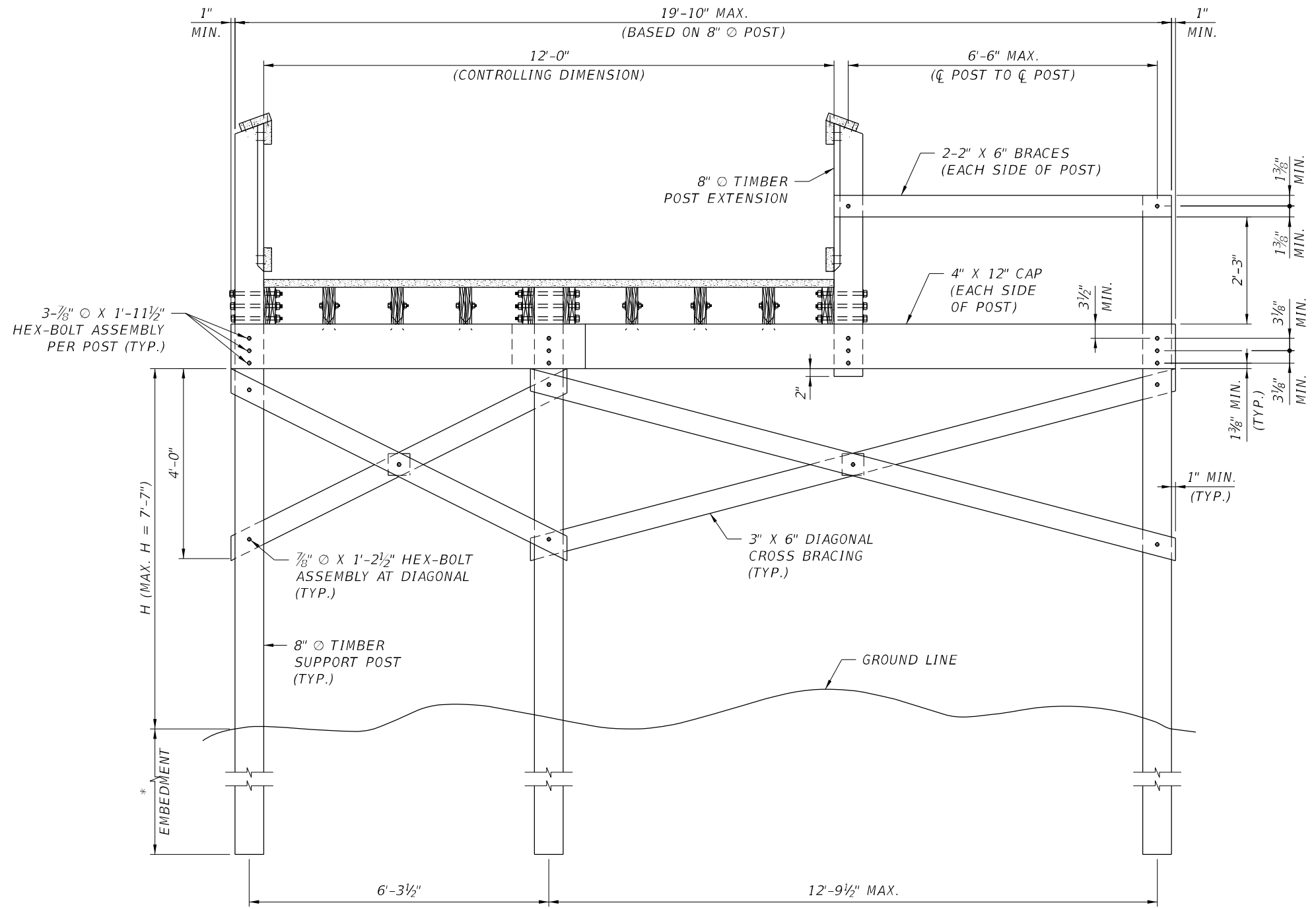
American
 Consulting Engineers of Florida, LLC
 1448 W. 4th St., Rm. 201
 Ft. Lauderdale, FL 33304
 Phone: (850) 289-1000 Fax: (850) 289-1001
 Cleahann E. Powell, P.E., No. 70045

NO.	DATE	APPROVAL	REVISIONS

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PHASE	REVIEW	ORIGINATOR (RP)	JV	DATE	04-20	ORIGINATOR (RP)	Correct (Yellow Highlight)	Change (Red Pen)	DATE	DATE	DATE	DATE	DATE
SIGNATURE:		PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)				CHECKER (RP)	(Green Pen X-Out to Disapprove or Remark)	CHANGE INCORPORATION	(Blue Highlighter)				
						ORIGINATOR VERIFICATION	Correct (Yellow Highlighter)	ORIGINATOR VERIFICATION	Correct (Yellow Highlighter)				
						VERIFICATION CHECKER (OR)	(Blue Highlighter)	REMARK INCORPORATION	(Blue Highlighter)				



ALTERNATE CAP DETAIL 1
 (TO BE USED TO AVOID UNDERGROUND UTILITIES
 AND ONLY WITH APPROVAL OF THE ENGINEER)

*THE EMBEDMENT DEPTH IS MEASURED FROM THE BOTTOM OF ANY UNSUITABLE MATERIAL (MUCK, ETC.). THE BOTTOM OF THE UNSUITABLE MATERIAL IS EL. -12.00
 EXTERIOR POST EMBEDMENT DEPTH - 18'-0"
 INTERIOR POST EMBEDMENT DEPTH - 21'-0"

- NOTE:
1. ALL TIMBER SIZES ARE NOMINAL UNLESS OTHERWISE NOTED.
 2. CONTRACTOR MAY USE LARGER DIAMETER SUPPORT POSTS AT NO ADDITIONAL COST TO THE COUNTY. ADJUSTMENTS SHALL BE MADE TO THE SPACING OF THE 2"X10" JOISTS TO ACCOMMODATE THE LARGER POSTS. THE JOIST SPACING SHALL DECREASE, BUT NO JOISTS SHALL BE ELIMINATED.

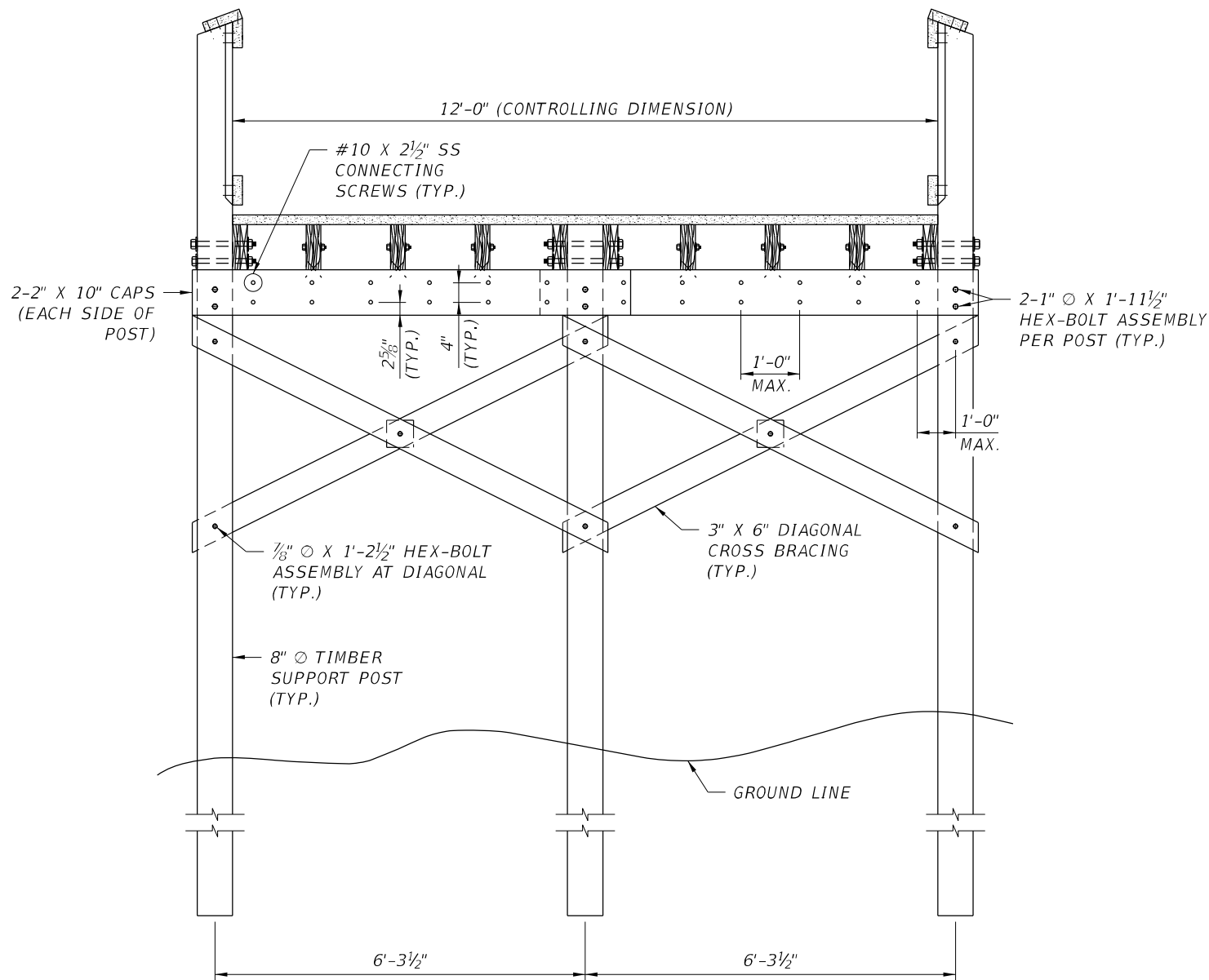
CROSS REFERENCE:
 FOR TIMBER SIZES AND DIMENSIONS NOT SHOWN IN ALTERNATIVE CAP DETAIL 1, SEE SHEET B1-18.

<p>TOM KING BAYOU PEDESTRIAN BRIDGE</p>	
<p>12'-0" TIMBER BOARDWALK (3 OF 4)</p>	
<p>SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS</p>	<p>PROJECT LOCATION: CR 399 OVER TOM KING BAYOU</p>
<p>AMERICAN Consulting Engineers of Florida, LLC 1448 W. 24th St., Suite 100 Pace, Florida 32451 Phone: (850) 289-1000 Fax: (850) 289-1001 C. Lehmann, E. Powell, P.E. No. 70045</p>	<p>COUNTY PROJECT MANAGER: REBECCA JONES</p>
<p>DATE</p>	<p>APPROVAL</p>
<p>REVISIONS</p>	
<p>NUMBER</p>	
<p>SHEET</p>	<p>B1-19</p>

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DATE	ORIGINATOR (RP)	ORIGINATOR (RP)	ORIGINATOR (RP)	ORIGINATOR (RP)	ORIGINATOR (RP)	ORIGINATOR (RP)
	REVIEW	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	04-20	DATE	04-20	DATE
	SIGNATURE:	CHANGE INCORPORATION (Blue Highlighter)	CHECKER (RP)	CHECKER (RP)	VERIFICATION CHECKER (OR)	VERIFICATION CHECKER (OR)
		ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	REMARK INCORPORATION (Blue Highlighter)	REMARK INCORPORATION (Blue Highlighter)		



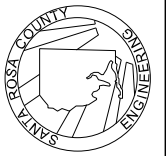
ALTERNATE CAP DETAIL 2

NOTE:
 CONTRACTOR MAY USE LARGER DIAMETER SUPPORT POSTS AT NO ADDITIONAL COST TO THE COUNTY. ADJUSTMENTS SHALL BE MADE TO THE SPACING OF THE 2"X10" JOISTS TO ACCOMMODATE THE LARGER POSTS. THE JOIST SPACING SHALL DECREASE, BUT NO JOISTS SHALL BE ELIMINATED.

NUMBER	REVISIONS	DATE	APPROVAL

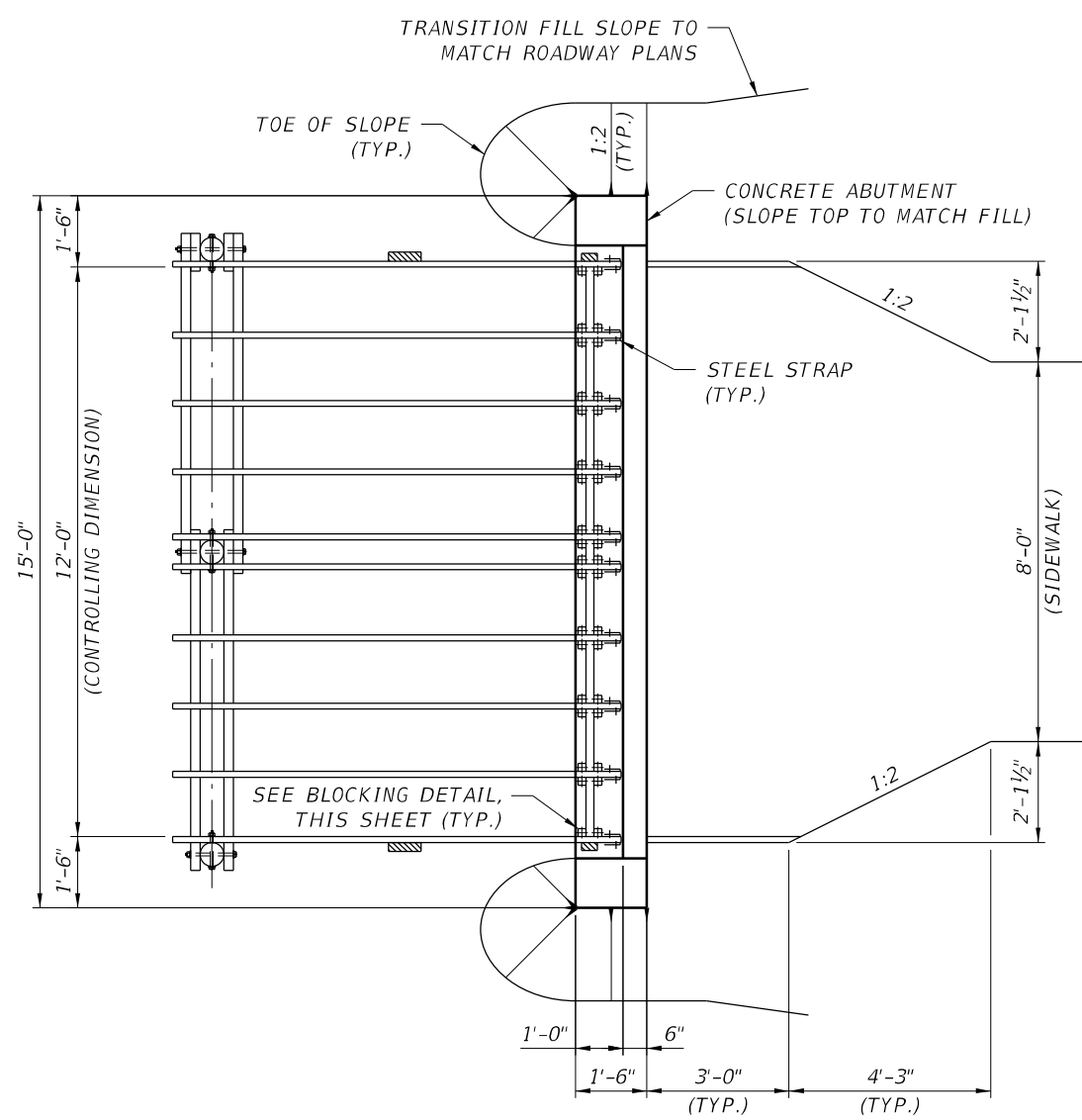
American
 Consulting Engineers of Florida, LLC
 1448 W. Shiloh Rd.
 Pace, Florida 32451
 Phone: (850) 269-1000 Fax: (850) 266-1001
 C. Lehmann, E. Powell, P.E. No. 70045

SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION:
 CR 399 OVER TOM KING BAYOU
 PROJECT NUMBER:
 PW 19A48
 COUNTY PROJECT MANAGER:
 REBECCA JONES

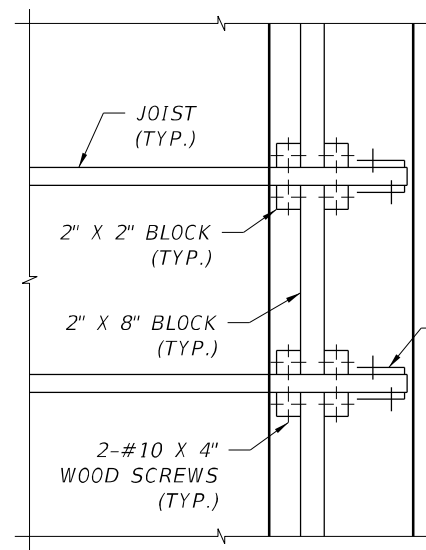


TOM KING BAYOU
 PEDESTRIAN BRIDGE
 12'-0" TIMBER BOARDWALK (4 OF 4)

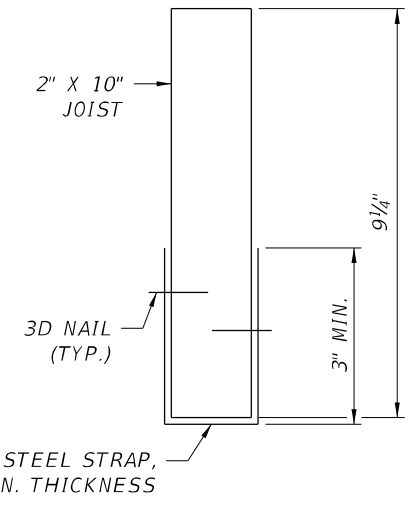
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 CHECKER (RP) JVV
 DATE 04-20
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 ORIGINATOR (RP) JVV
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 ORIGINATOR (RP) JVV
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 DATE 04-20
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 ORIGINATOR (RP) JVV
 CHECKER (RP) JVV
 DATE 04-20
 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)



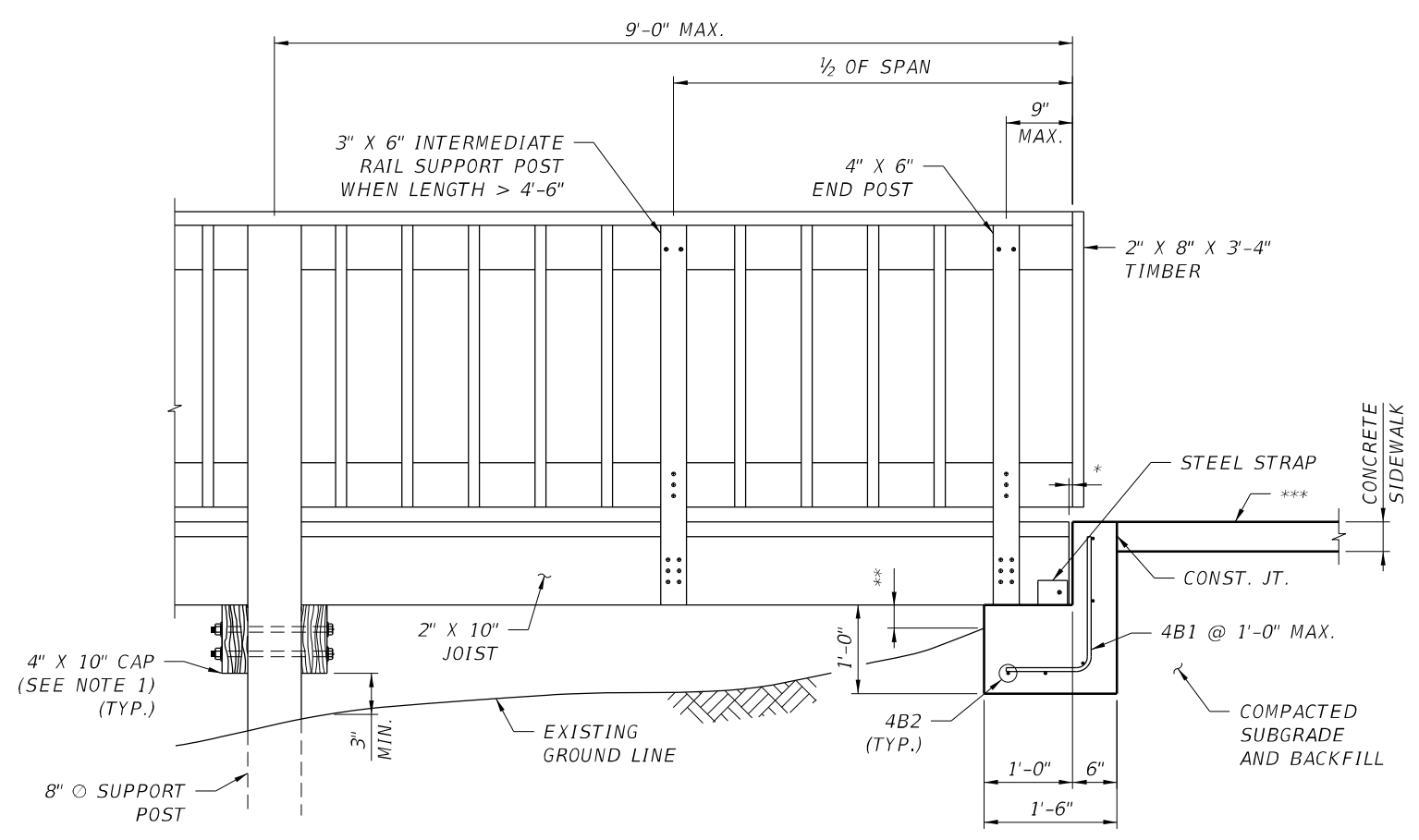
PLAN VIEW AT BEGIN/END BOARDWALK



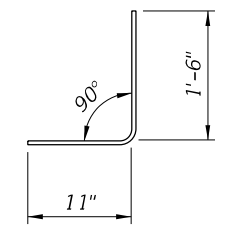
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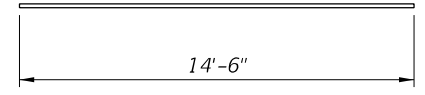
STEEL STRAP DETAIL



ELEVATION VIEW AT BEGIN/END BOARDWALK
(END BENT 43 SHOWN, END BENTS 1, 13 AND 14 SIMILAR)



4B1
(16-#4 BARS REQUIRED AT EACH LOCATION)



4B2
(5-#4 BARS REQUIRED AT EACH LOCATION)

*1/4" MIN., 1/2" MAX. OPEN JOINT. TOP OF SIDEWALK TO BE FLUSH WITH TOP OF BOARDWALK (TOOL EDGE TO 1/2" RADIUS)
 **3" MIN., 6" MAX.
 ***TRANSITION TO STANDARD SIDEWALK WIDTH OF PROJECT

- NOTES:**
1. CONTRACTOR HAS OPTION OF USING 2-2" X 10" TO REPLACE EACH 3" X 10" CAP. SEE CONNECTING SCREW LAYOUT SHOWN IN THE ALTERNATE CAP DETAIL ON SHEET B1-18 FOR MORE INFORMATION.
 2. SCREWS USED ON 4" X 6" VERTICAL END POST SHALL BE #10 X 4 1/2".
 3. FIELD CUT BARS 4B1 AND 4B2 AS REQUIRED TO MAINTAIN 3" COVER.
 4. ALL TIMBER SIZES ARE NOMINAL UNLESS OTHERWISE NOTED.
 5. CONTRACTOR MAY USE LARGER DIAMETER SUPPORT POSTS AT NO ADDITIONAL COST TO THE COUNTY. ADJUSTMENTS SHALL BE MADE TO THE SPACING OF THE 2"X10" JOISTS TO ACCOMMODATE THE LARGER POSTS. THE JOIST SPACING SHALL DECREASE, BUT NO JOISTS SHALL BE ELIMINATED.

TOM KING BAYOU
 PEDESTRIAN BRIDGE
 BEGIN/END BOARDWALK DETAILS

SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 COUNTY PROJECT MANAGER
 REBECCA JONES

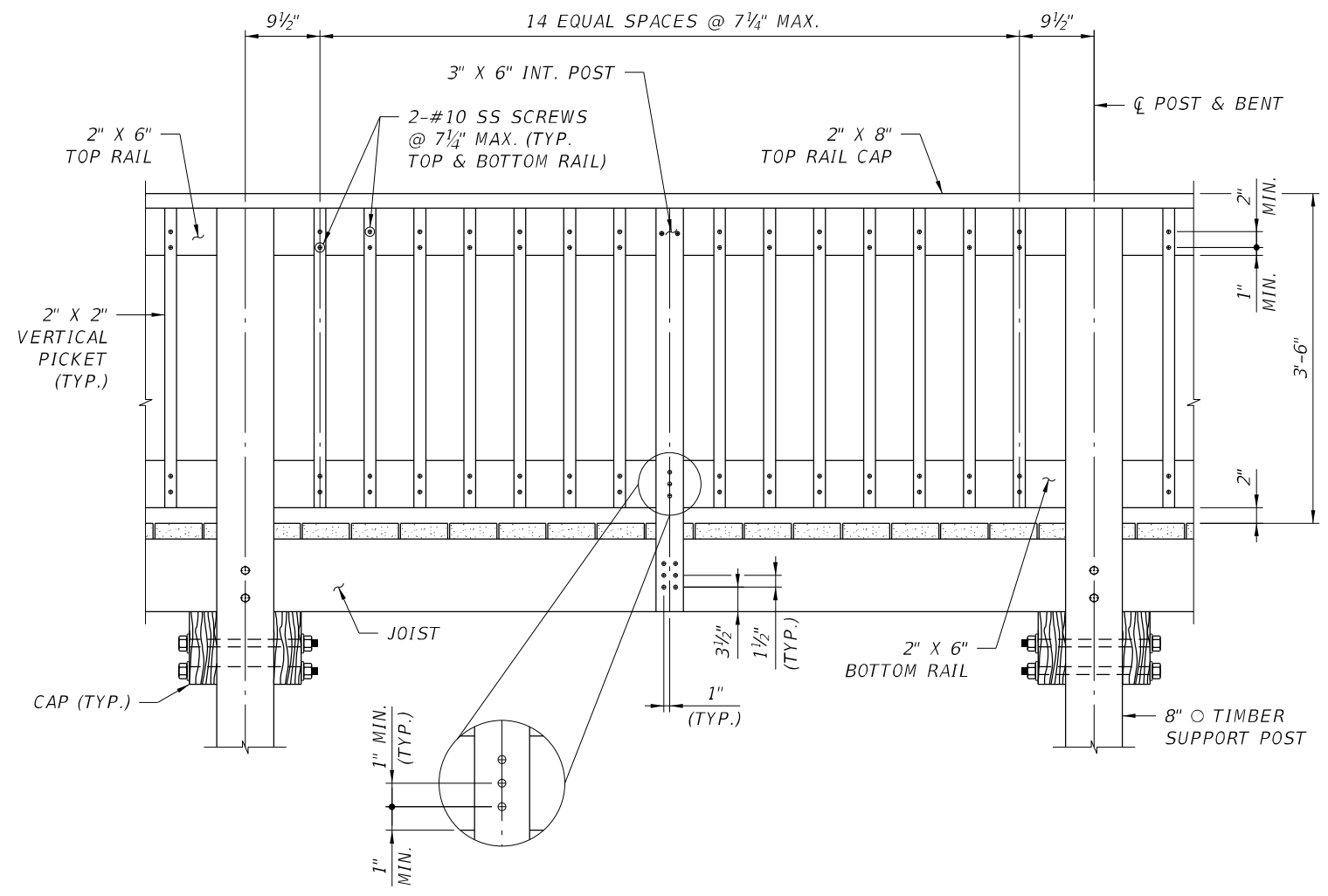
American Consulting Engineers of Florida, LLC
 4888 Woodbridge Rd.
 Phone: (850) 288-1000 Fax: (850) 289-1001
 Certificate of Authorization No. 3502
 Leann C. Powell, P.E., No. 70076

SHEET **B1-21**

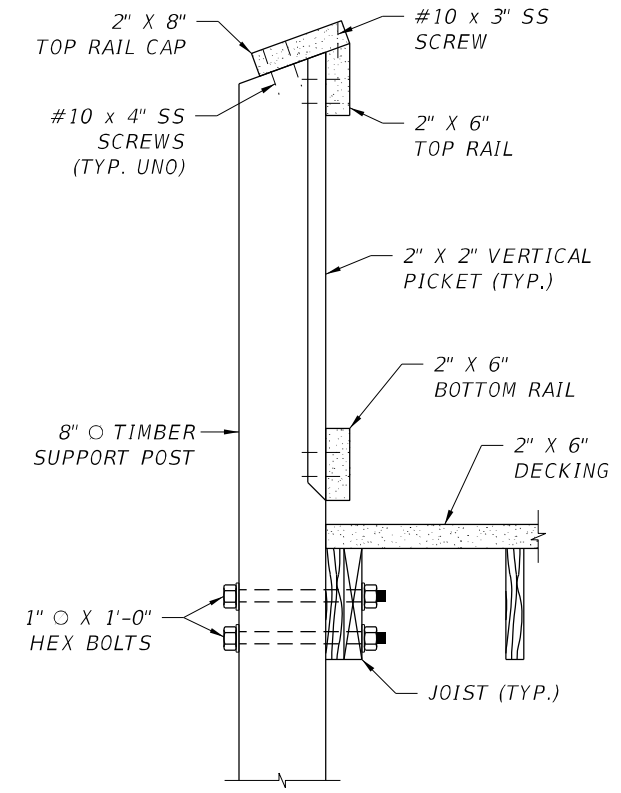
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 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)
 ORIGINATOR (RP) Correct (Yellow Highlight) Change (Red Pen)
 CHECKER (RP) Correct (Green Pen X-Out to Disagree or Remark)
 CHANGE INCORPORATION (Blue Highlight)

VERIFICATION, CHECKER (RP)	DATE
REMARK INCORPORATION (Blue Highlight)	DATE
ORIGINATOR VERIFICATION (Yellow Highlight)	DATE





ELEVATION VIEW



SECTION THROUGH RAILING AT POST
 (CAP NOT SHOWN FOR CLARITY)

- NOTE:**
1. ALL SCREWS SHALL BE #10 SS WITH A PENETRATION INTO CONNECTING MEMBER OF 1" UNLESS NOTED OTHERWISE.
 2. ALL TIMBER SIZES ARE NOMINAL UNLESS OTHERWISE NOTED.
 3. CONTRACTOR MAY USE LARGER DIAMETER SUPPORT POSTS AT NO ADDITIONAL COST TO THE COUNTY. ADJUSTMENTS SHALL BE MADE TO THE SPACING OF THE 2"x10" JOISTS TO ACCOMMODATE THE LARGER POSTS. THE JOIST SPACING SHALL DECREASE, BUT NO JOISTS SHALL BE ELIMINATED.

CROSS REFERENCE:
 FOR BEGIN/END BOARDWALK DETAILS, SEE SHEET B1-21.

 SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 19498 COUNTY PROJECT MANAGER: REBECCA JONES	TOM KING BAYOU PEDESTRIAN BRIDGE RAILING DETAILS
 American Consulting Engineers of Florida, LLC 4888 Woodbridge Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leannan E. Powell, P.E., No. 74046	THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.
SHEET B1-22	


ORIGINATOR (RP) - AM	DATE 04-20	ORIGINATOR (RP) Correct (Yellow Highlighter) Change (Red Pen)	DATE	VERIFICATION CHECKER (RP) (Blue Highlighter)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITAL REVIEW (RP)		CHECKER (RP) Correct (Yellow Highlighter) Disagree or Remark (Green Pen X-Out)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
		CHANGE INCORPORATION (Blue Highlighter)	DATE	ORIGINATOR VERIFICATION Correct (Yellow Highlighter)	DATE

PHASE _____ REVIEW

SIGNATURE: _____

MARK	LENGTH	NO	TYP	STY	B			C			D			E			F			H			J			K			N	Ø					
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LOCATION					END BENT					NO. REQUIRED = 2																									
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9	E3	17-	10	8	1			17-	10																										
5	E4	17-	10	4	1			17-	10																										
9	E5	8-	8	4	11			5-	6		1-	7		1-	7																				
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5	E7	5-	11	4	11			2-	4		1-	9 1/2		1-	9 1/2																				
9	E8	7-	4	8	11			4-	2		1-	7		1-	7																				
END OF LIST																																			

CROSS REFERENCE:
 1. FOR STANDARD BAR BENDING DETAILS, SEE FDOT STANDARD PLANS NO. 415-001.
 2. FOR BAR BENDING DETAILS FOR THE BEGIN/END BOARDWALK END BENTS, SEE SHEET B1-21.

 American Consulting Engineers of Florida, LLC 4888 Woodbine Rd. Phone: (850) 289-1000 Fax: (850) 289-1001 Certificate of Authorization No. 3502 Leannin E. Powell, P.E., No. 70049		SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS PROJECT LOCATION: CR 399 OVER TOM KING BAYOU PROJECT NUMBER: PW 1548	COUNTY PROJECT MANAGER REBECCA JONES
SANTA ROSA COUNTY ENGINEER		TOM KING BAYOU PEDESTRIAN BRIDGE REINFORCING BAR LIST	

FOR INFORMATION ONLY

TYPICAL END BENT PARTIAL PLAN

TYPICAL END BENT PARTIAL ELEVATION

BEARING LOCATIONS & BRIDGE SEAT ELEVATIONS				
BENT	A	C	D	F
	(in.)	(ft.)	(in.)	(ft.)
1	7½"	6'-8½"	4½"	10.417'
2	7½"	6'-8½"	4½"	10.417'

BRIDGE REACTIONS			
	SPAN 1		
	P (KIP)	T (KIP)	L (KIP)
DEAD LOAD	12.4	—	—
UNIFORM LIVE LOAD	27.0	—	—
VEHICLE LOAD	—	—	—
WIND UPLIFT	WINDWARD 10.8 LEEWARD 3.6	—	—
WIND ³	TRANSVERSE — VERTICAL ↓↑ 8.1	29.7	—
THERMAL	—	—	1.9

- P - Unfactored Vertical Load each Bearing Plate (4 per Span)
T - Unfactored Transverse Load each Bent/Pier (2 per Span)
L - Unfactored Longitudinal Load each Bearing Plate (4 per Span)
- Downward vertical loads are positive (+), upward vertical loads are negative (-).
- The horizontal wind load acting at the c.g. of the truss creates a transverse shear and a vertical couple at the top of each pier/bearing location.
- Design Specifications
 - FDOT Structures Manual, current Edition and supplements thereto.
 - American Association of State Highway and Transportation Officials (AASHTO) Load and Resistance Factor (LRFD) Bridge Design Specifications, current Edition and supplements thereto.
 - AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges, current Edition
 - FDOT Plans Preparation Manual, current Edition.

EXPANSION

BEARING PLATE DETAILS

BEARING PLATE DIMENSIONS				
SPAN	G	H	J	K
	(in.)	(in.)	(in.)	(in.)
1	4⅞"	3"	13¼"	12"

COMPANY CONTACT INFORMATION	
COMPANY	CONTECH ENGINEERED SOLUTIONS
ADDRESS	8301 STATE HIGHWAY 29N ALEXANDRIA, MN 56308
CONTACT	LEE HANSON
PHONE	513-645-7738
E-MAIL	LHANSON@CONTECHES.COM

TOM KING BAYOU PEDESTRIAN BRIDGE

PEDESTRIAN BRIDGE DATA

SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS

PROJECT LOCATION
CR 399 OVER TOM KING BAYOU

COUNTY PROJECT MANAGER
REBECCA JONES

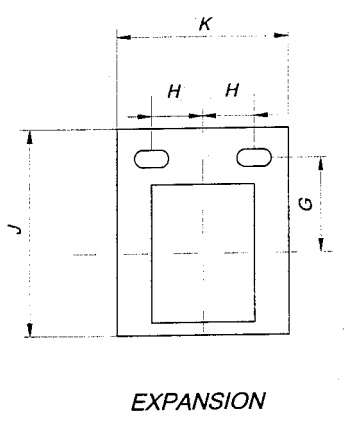
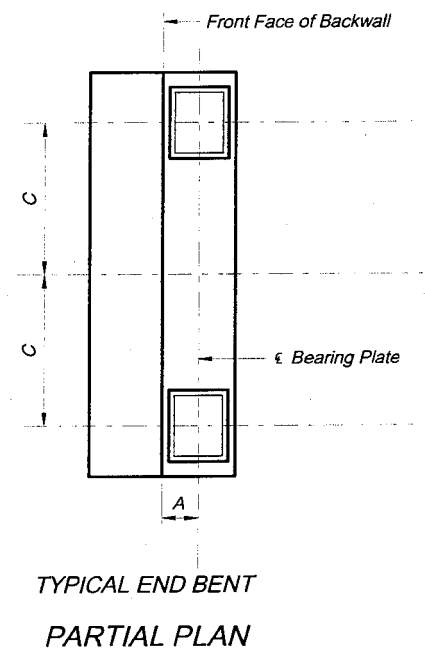
American
Consulting Engineers of Florida, LLC

4600 W. Lake Nona Blvd.
Lake Nona, FL 32157
Phone: (407) 289-7070 Fax: (407) 289-9077
Certified Professional Engineer License No. 13049

NO.	REVISION	DATE

SHEET **B1-24**

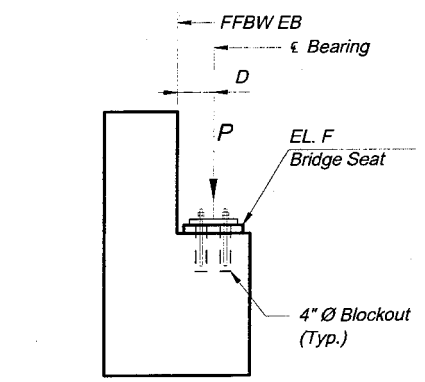
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 ORIGINATOR (OR) J.V. DATE 03-20
 CHECKER (CP) DATE
 CHANGE INCORPORATION (Blue Highlighter)
 VERIFICATION, CHECKER (OR) (Blue Highlighter)
 REMARK INCORPORATION (Blue Highlighter)
 ORIGINATOR VERIFICATION Correct (Yellow Highlighter)



BEARING PLATE DETAILS

BEARING PLATE DIMENSIONS				
SPAN	G	H	J	K
	(in.)	(in.)	(in.)	(in.)
1	5 3/4	3	12 1/4	10

COMPANY CONTACT INFORMATION	
COMPANY	BAILEY BRIDGES, INC. dba PIONEER BRIDGES
ADDRESS	119 40TH STREET N.E. FORT PAYNE, AL 35967
CONTACT	DARRYL YATES
PHONE	(866) 708-5778
E-MAIL	DYATES@PIONEERBRIDGES.COM



TYPICAL END BENT PARTIAL ELEVATION

	BRIDGE REACTIONS		
	P (KIP)	T (KIP)	L (KIP)
DEAD LOAD	12.2	—	—
UNIFORM LIVE LOAD	29.6	—	—
VEHICLE LOAD	10.0	—	—
WIND UPLIFT	WINDWARD	9.9	—
	LEEWARD	-3.3	—
WIND ²	TRANSVERSE	25.3	—
	VERTICAL	6.0	—
THERMAL	—	—	1.8

BEARING LOCATIONS & BRIDGE SEAT ELEVATIONS				
BENT	A	C	D	F
	(in.)	(ft.)	(in.)	(ft.)
1	6	7	6	10.83
2	6	7	6	10.83

- P - Unfactored Vertical Load each Bearing Plate (4 per Span)
 T - Unfactored Transverse Load each Bent/Pier (2 per Span)
 L - Unfactored Longitudinal Load each Bearing Plate (4 per Span)
- Downward vertical loads are positive (+), upward vertical loads are negative (-).
- The horizontal wind load acting at the c.g. of the truss creates a transverse shear and a vertical couple at the top of each pier/bearing location.
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 - AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges, current Edition
 - FDOT Plans Preparation Manual, current Edition.

- Construction Specifications
 - FDOT Standard Specifications for Road and Bridge Construction current Edition and supplements thereto.

PEDESTRIAN BRIDGE DATA

TOM KING BAYOU
 PEDESTRIAN BRIDGE
 PEDESTRIAN BRIDGE DATA



SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT NUMBER: 1901 OTHER: TOM KING BAYOU
 COUNTY PROJECT NUMBER: REBECCA JONES
 PROJECT NUMBER: PW 19-048

American
 Consulting Engineers of Florida, LLC
 4400 Woodloch Pkwy
 Fort Worth, TX 76149
 Phone: 817-412-1000
 Fax: 817-412-1001
 License No. 00000000000000000000
 License Plate No. 000000

REVISIONS	DATE	APPROVED BY

SHEET B1-25



UNIVERSAL ENGINEERING SCIENCES

GEOTECHNICAL EXPLORATION REPORT

TOM KING BAYOU PEDESTRIAN BRIDGE
NAVARRE, SANTA ROSA COUNTY, FLORIDA

UES PROJECT NO. 1730.1900051.0000
UES DOCS REPORT NO. 175229

February 26, 2021

PREPARED FOR:

American Consulting Professionals, L.L.C.
4489 Woodbine Road
Pace, Florida 32571

PREPARED BY:

Universal Engineering Sciences
5561 Florida Mining Boulevard South
Jacksonville, Florida 32257
Phone (904) 296-0757

Consultants in: Geotechnical Engineering • Environmental Sciences • Construction Materials Testing • Threshold Inspection
Offices in: Orlando • Daytona Beach • Fort Myers • Gainesville • Jacksonville • Ocala • Palm Coast • Rockledge • Sarasota • Miami
Panama City • Pensacola • Fort Pierce • Tampa • West Palm Beach • Atlanta, GA • Tifton, GA



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 - Palm Coast
 - Panama City
 - Pensacola
 - Rockledge
 - Sarasota
 - St. Petersburg
 - Tampa
 - Tifton, GA
 - West Palm Beach

February 26, 2021

American Consulting Professionals, L.L.C.
4489 Woodbine Road
Pace, Florida 32571

Attention: Ms. Leahann E. Powell, P.E.

Reference: **Geotechnical Exploration Report**
TOM KING BAYOU PEDESTRIAN BRIDGE
East Bay Boulevard
Navarre, Santa Rosa County, Florida
UES Project Number 1730.1900051.0000 and UES Report Number 1752229

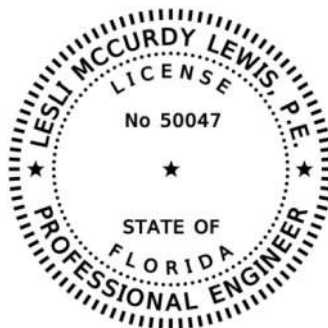
Ms. Powell:

Universal Engineering Sciences, Inc. (UES) has completed a geotechnical exploration at the above referenced site on East Bay Boulevard in Navarre, Santa Rosa County, Florida. These services were performed in general accordance with our Proposal Number 1688736 dated June 28, 2019, and as authorized by the client's Agreement for Subcontract Services dated August 15, 2019.

The following report presents the results of our field exploration with a geotechnical engineering interpretation of those results with respect to the project characteristics as provided to us. We have included geotechnical engineering recommendations for site preparation, and pile foundation design and construction.

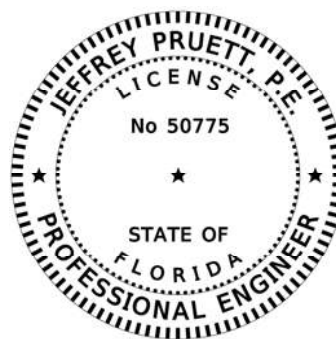
We appreciate the opportunity to have worked with you on this project, and look forward to a continued association. Please do not hesitate to contact us if you should have any questions or if we may further assist you as your plans proceed.

Respectfully Submitted,
UNIVERSAL ENGINEERING SCIENCES, INC.
Certificate of Authorization No. 549



Lesli Lewis
2021.02.26
15:01:16 -05'00'

Lesli M. Lewis, P.E.
Senior Geotechnical Engineer
Florida P.E. No. 50047



Jeffrey S Pruett
2021.02.26
16:17:04 -05'00'

Jeffrey S. Pruett, P.E.
Vice President
Florida P.E. No. 50775

This item has been electronically signed and sealed by Lesli Lewis, PE and Jeffrey Pruett, PE on the dates adjacent to the seals.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

TABLE OF CONTENTS

1.0	PROJECT DESCRIPTION	1
2.0	PURPOSES	1
3.0	SITE DESCRIPTION	2
3.1	REGIONAL GEOLOGY	2
3.2	SOIL SURVEY	2
4.0	SCOPE OF SERVICES	3
5.0	FIELD EXPLORATION	3
6.0	LABORATORY TESTING	4
7.0	FINDINGS	5
7.1	SUBSURFACE CONDITIONS	5
7.2	CORROSION SERIES TESTING	5
8.0	GROUNDWATER CONDITIONS	6
8.1	EXISTING GROUNDWATER LEVELS	6
8.2	SEASONAL HIGH GROUNDWATER LEVELS	6
9.0	GEOTECHNICAL RECOMMENDATIONS	7
9.1	SCOUR CONSIDERATIONS	7
9.2	DOWNDRAG (NEGATIVE SKIN FRICTION)	7
9.3	18-INCH PC/PS PILES	7
9.3.1	General	7
9.3.2	Axial Load Analyses	8
9.3.3	FB-Multiplier Soil Parameters	10
9.4	GENERAL CONCRETE PILE INSTALLATION ISSUES	10
9.4.1	Pile Groups	10
9.4.2	Pile Settlement	10
9.4.3	PDA Program	10
9.4.4	Preformed Pile Holes	10
9.4.5	General Pile Installation Notes	10
9.5	TIMBER POST SOIL PARAMETERS	11
9.6	PROTECTION OF EXISTING STRUCTURES	13
9.7	TIMBER POST INSTALLATION AND QUALITY CONTROL	13
10.0	LIMITATIONS	14

LIST OF TABLES

Table 1: UDSA Soil Survey Summary 3
Table 2: General Soil Profile 5
Table 3: Summary of Corrosion Test Results 6
Table 4: Factored Design Loads 7
Table 5: Anticipated Pile Tip Elevations 8
Table 6: Pile Data Table 9
Table 7: Estimated Geotechnical Engineering Soil Parameters for Boring B-1 11
Table 8: Estimated Geotechnical Engineering Soil Parameters for Boring B-2 12
Table 9: Estimated Geotechnical Engineering Soil Parameters for Boring B-3 13

LIST OF APPENDICES

SITE VICINITY MAP A
USDA NRCS SOIL SURVEY MAP A

BORING LOCATION PLAN B
BORING LOGS B
KEY TO BORING LOGS B
FIELD PROCEDURES B

PARTICLE SIZE DISTRIBUTION OF SOILS C
LABORATORY PROCEDURES C
FB DEEP ANALYSIS RESULTS C
FB MULTIPLIER SOIL PARAMETERS C

GEOPROFESSIONAL BUSINESS ASSOCIATION (GBA) DOCUMENTS D
CONSTRAINTS AND RESTRICTIONS D
GTR REVIEW CHECKLIST D

1.0 PROJECT DESCRIPTION

Project information was provided to us via email and phone correspondence with Ms. Leahann Powell, P.E. and other project personnel, and a RFQ Letter of Response dated June 3 2019. The subject site is located along the north side of, and within the right-of-way for, East Bay Boulevard near Tom King Bayou in Navarre, Santa Rosa County, Florida. An aerial map with the proposed project location was provided for our use in the performance of this exploration.

We understand that the proposed project will consist of constructing a new pedestrian bridge to span the Tom King Bayou along the north side of, and within the right-of-way for, East Bay Boulevard. The approximate bridge length is 100 feet. The bridge is estimated to be a single span structure with two end bents supported on 18 inch precast prestressed square concrete (PPSC) piles.

At the east and west ends of the pedestrian bridge, 12-foot wide boardwalks are planned with lengths of 99 feet and 261 feet, respectively.

Based on the provided plans, no fill is anticipated at the bridge end bents or along the length of the boardwalk on the west side of the bridge. No fill is generally anticipated along the boardwalk on the east side of the bridge with the exception of less than five feet of fill planned within the last ten feet of the of the end of the boardwalk.

Should any of the previous information or assumptions made by UES be inconsistent with the planned development and construction, we request that you contact us immediately and provide us with the new information. This will allow us the opportunity to review the new information in conjunction with our report, and revise or modify our engineering recommendations accordingly, as needed.

No site or project facilities/improvements, other than those described herein, should be designed using the soil information presented in this report. Moreover, UES will not be responsible for the performance of any site improvement so designed and constructed.

2.0 PURPOSES

The purposes of this exploration were:

- To explore and evaluate the subsurface conditions at the site with special attention to potential problems that may impact the proposed development; and
- To provide geotechnical engineering recommendations for site preparation, and pile foundation design parameters and construction.

This report presents an evaluation of site conditions on the basis of geotechnical procedures for site characterization. The recovered samples were not examined, either visually or analytically, for chemical composition or environmental hazards. We would be pleased to provide you with a proposal for these services at your request.

Our exploration was confined to the zone of soil likely to be stressed by the proposed construction. Our work did not address the potential for surface expression of deep geological conditions. This evaluation requires a more extensive range of field services than performed in

this study. We will be pleased to provide a proposal for an exploration to evaluate the probable effect of the regional geology upon the proposed construction, if you desire.

3.0 SITE DESCRIPTION

As noted previously, the subject site is located along the north side of, and within the right-of-way for, East Bay Boulevard near Tom King Bayou in Navarre, Santa Rosa County, Florida. At the time of the field exploration, the right-of-way area of the proposed construction site was generally cleared, with surface vegetation varying from sparse grass to relatively thick weeds. With the exception of the subgrade areas immediately adjacent to the bayou (Borings B-2 and B-3), surface water was not observed on the project site at the time of the field exploration. A site location map is presented on the attached Figure A-1 in Appendix A.

3.1 REGIONAL GEOLOGY

Santa Rosa County is located in the Coastal Lowlands physiographic province of the Florida Panhandle region. The general geology of the Coastal Lowlands province consists of unconsolidated sands, limestones, silts, and clays ranging in age from Cretaceous to recent (Pratt, *et al*, 1966). The Sand and Gravel Aquifer, which ranges in thickness from approximately 250 feet to 500 feet, is the most important water-bearing zone in Santa Rosa County. The aquifer is comprised of three major zones: the surficial zone, the intermediate low permeability zone, and the main producing zone (Pratt, *et. al.*, 1966). The Sand and Gravel aquifer is recharged by infiltration of local rainfall and, due to the high permeability of local soils, the entire area of the aquifer is considered a recharge area.

The surficial zone (which contains the unconfined water table surface) generally averages less than 100 feet in thickness and is composed primarily of inter-bedded fines sands, silts, and clays (Pratt, *et al*, 1966). Underlying the surficial zone is an intermediate zone of low permeability that averages approximately 50 to 100 feet in thickness (Pratt, *et al*, 1966). The intermediate zone acts as a leaky confining layer that separates the water table aquifer from the more productive main producing zone of the Sand and Gravel Aquifer.

The Floridian aquifer is also present in Santa Rosa County and underlies the Sand and Gravel Aquifer; however, water from the Floridian in this region is highly mineralized and is not considered a source of potable water in Santa Rosa County (Pratt, *et. al*, 1966).

3.2 SOIL SURVEY

Based on the Web Soil Survey for Santa Rosa County, Florida, as prepared by the USDA NRCS, the predominant, pre-development soil type at the site is identified as **#21 – Lakeland sand, 0 to 5 percent slopes**. A summary of the characteristics of this soil series was obtained from the Soil Survey, and is included in the following Table 1. **Please note the soils presented in the following table are the pre-development soils, and may have been altered during the past development of the site.**

In addition, a USDA Soil Survey Map is presented on the attached Figure A-2 in Appendix A. It should be noted that the map unit symbol **#100** shown on the attached survey map is identified as **Waters of the Gulf of Mexico**.

Table 1 – Summary of Soil Survey Information								
Soil Type	Constituents	Internal Drainage	Hydrologic Soil Group	Soil Permeability		Seasonal High Water Table (ft)	Corrosion Potential	
				Depth (in)	Perm (in/hr)		Uncoated Steel	Concrete
21-Lakeland sand, 0 to 5 percent slopes	SP and SP-SM	Excessively Drained	A	0 – 83	>20	>6	Low	Moderate

4.0 SCOPE OF SERVICES

The services conducted by UES during this geotechnical exploration were as follows:

- Drilled three Standard Penetration Test (SPT) borings, each boring to an approximate depth of 70 feet below existing grade (BEG), with one boring (Boring B-3) located on the west approach alignment, and two borings (B-1 and B-2) located on the east approach alignment;
- Drilled one SPT boring (B-4) within the confines of Tom King Bayou to an approximate depth of 33.5 feet below the water level on the date drilled, and an approximate depth of 28.5 feet below the mudline in the bayou at the boring location;
- Secured representative samples of the soils encountered in the SPT borings for review, possible laboratory analysis, and classification by a geotechnical engineer;
- Measured the existing site groundwater levels;
- Conducted laboratory testing on selected soil samples obtained in the field to determine their engineering properties;
- Assessed the existing soil conditions with respect to the proposed construction; and
- Prepared a report which documents the results of our exploration and analysis along with geotechnical engineering recommendations.

5.0 FIELD EXPLORATION

Three of the SPT soil borings (Borings B-1 to B-3) were performed with a drill rig mounted on an all-terrain vehicle (ATV). The fourth boring (Boring B-4), performed in the bayou, was performed from the deck of a pontoon boat using portable drilling equipment mounted on a steel pole tripod frame.

The borings were located in the field by UES personnel. Borings B-1 to B-3 were located and marked/flagged using a hand-held global positioning system (GPS), Google Earth aerial imagery, and existing field reference points on the site. The flagged locations were surveyed, and these locations, along with the surveyed ground elevations at the flagged locations, are presented on the boring logs attached in Appendix B. Boring B-4 was located using a hand-held GPS, Google Earth aerial imagery, existing field reference points on the site, and a tape

measure. The elevation of this boring was the water elevation of the bayou, on the date and at the times the boring was drilled, It is anticipated that the elevation was at or near sea level, plus any tidal elevation variations that may have occurred during the time of drilling.

The boring locations are shown on the location plan included in Appendix B. The locations shown on the plan are accurate only within the limitations of the methods used to determine the actual locations in the field.

The SPT borings were advanced using mud rotary/wash drilling techniques for which a bentonite fluid/slurry was used for boring stability and flushing. The SPT borings were performed in general accordance with the procedures of ASTM D1586 "Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils". Standard penetration testing and sampling were performed on intervals of 1½ to 2½ feet down to 10 feet in the borings to detect variations in the near surface soil profile. Below a depth of 10 feet, testing and sampling were performed on approximate 5 foot centers to boring termination depths. For a discussion of the drilling, testing, and sampling methods used, refer to the Field Procedures attachment in Appendix B.

Representative portions of the samples recovered from the borings were sealed in plastic containers, and transported to our laboratory for classification and possible testing. The soil samples recovered, and not used for laboratory testing, will be held in our laboratory for 90 days from the date of the report unless we are notified otherwise.

6.0 LABORATORY TESTING

Laboratory soil tests were performed on selected soil samples obtained from the borings to aid in the classification of the soils, and to help in the evaluation of pertinent engineering characteristics of the soils. The classifications and laboratory testing completed for this project consisted of performing the following procedures/tests in general accordance with the methods listed.

- Soil Classification per the Unified Soil Classification System – ASTM D2487
- Natural Moisture Content Testing – ASTM D2216
- Grain Size Distribution Testing – ASTM D7928 and ASTM C136
- Percent -200 Soil Fines Content Testing – ASTM D1140
- Atterberg Limits Testing – ASTM D4318
- Organic Content Testing – ASTM D2216
- Corrosion Series including pH, electrical resistivity, chlorides and sulfates – FM 5-550, FM 5-551, FM 5-552, and FM 5-553

The results of the tests are presented within this report, presented in attachments in Appendix C, and/or summarized on the appropriate boring logs in Appendix B. In addition, descriptions of the test procedures are presented in the Laboratory Procedures attachment in Appendix C.

7.0 FINDINGS

7.1 SUBSURFACE CONDITIONS

The general subsurface conditions encountered during the subsurface exploration are described in Table 2. For more detailed soil descriptions and stratifications at the boring locations, the Boring Logs presented in Appendix B should be reviewed. Also, see the “Key to Boring Logs” in Appendix B for further explanation of the symbols and placement of data on the Boring Logs.

The Boring Logs represent our interpretation of the subsurface conditions based on a review of the field logs, an engineering examination of the samples, and a limited number of laboratory tests. The horizontal stratification lines designating the interface between various strata represent approximate boundaries. Transition between different strata in the field may be gradual in both the horizontal and vertical directions. Groundwater, or lack thereof, encountered in the borings, and noted on the Boring Logs, represents conditions only at the time of the field exploration.

Table 2 – General Soil Profile				
Stratum No.	Approx. Elevation (NAVD 88, ft)		Soil Descriptions	Typical Range of SPT N-Values
	From	To		
1	Ground Surface or Mudline	-12	Very loose sands [SP and SP-SM] with zones of some to many organics	WOH/18** to 3
2	-12	-32 to -36	Loose to medium dense sands [SP, SP-SC, and SP-SM] and silty sands [SM]	4 to 12
3	-32 to -36	67.9**	Medium dense to very dense sands [SP and SP-SM]	15 to 76

* WOH/18” indicates that the split-barrel sampler was advanced 18 inches through the soils under just the weight of the hammer.
 ** Termination depth of the deepest boring
 [] Brackets indicate Unified Soil Classification System (ASTM D 2487)

At the time of our field exploration, stabilized groundwater levels were encountered in Borings B-1 to B-3 at approximate elevations of EL. +2 at the boring locations. At the location of Boring B-4, located within the bayou, the depth of water was measured at 5 feet to the mudline at the time of the drilling operations.

As an exception to the above generalized soil profile, medium dense sands with N-values ranging from 13 to 28 were encountered in boring B-1 within the upper eight feet of the boring profile.

7.2 CORROSION SERIES TESTING

Using soil samples recovered from the borings, laboratory testing was performed to determine corrosion properties and potential for the soils tested. The laboratory testing performed included pH, electrical resistivity, chlorides, and sulfates. The results of the testing performed are presented in Table 3.

Table 3 – Summary of Corrosion Test Results							
Boring No.	Sample Depths (feet)	Min. Resistivity (ohm-cm)	Chloride, Cl- (ppm)	Sulfate, SO ₄ (ppm)	pH	Substructure Environmental Classification**	
						Concrete	Steel
B-2	4 to 8.5*	1,400	120	123	4.65	Extremely Aggressive	Extremely Aggressive
B-2	8.5 to 25*	1,400	180	51	11.05	Moderately Aggressive	Moderately Aggressive
B-3	23.5 to 35*	1,400	225	45	6.39	Moderately Aggressive	Moderately Aggressive

*The samples tested were composite samples of the split spoon samples recovered from the noted depth intervals in the noted borings.
 **Based on 2018 FDOT Structures Design Guidelines for non-marine structures and soil.

8.0 GROUNDWATER CONDITIONS

8.1 EXISTING GROUNDWATER LEVELS

Groundwater levels in Borings B-1 to B-3 during the time frame of the field exploration (September 24 to 26, 2019) were measured at approximate elevation EL. +2. The encountered groundwater level at each boring location has been shown on the attached Report of Core Borings sheets. Fluctuations in groundwater levels should be anticipated throughout the year, primarily due to seasonal variations in rainfall, surface runoff, tidal variations, and other factors that may vary from the time the borings were conducted.

8.2 SEASONAL HIGH GROUNDWATER LEVELS

Based on historical data, the rainy season in Northwest Florida occurs between June and September of the year. In order to estimate the seasonal high water level at the boring locations, many factors are examined, including the following:

- Exploration data obtained including measured groundwater levels;
- Drainage characteristics of existing soil types;
- Current and historical rainfall data;
- Natural relief points (such as lakes, rivers, wetlands, etc.);
- Man-made drainage systems (ditches, canals, retention basins, etc.);
- On-site types of vegetation;
- Review of available data (soil surveys, USGS maps, etc.); and
- Redoximorphic features (i.e., staining, mottling, striping, etc.).

Based on the results of our field exploration and the previously listed factors, we estimate the normal stabilized seasonal high groundwater levels to range from above ground level to an approximate elevation of EL. +2 feet. **The groundwater levels on this site are expected to be tidally influenced.** Considering tidal influence, the provided estimated seasonal high groundwater levels should be considered accurate to about ±1 foot. Please refer to the boring logs attached in Appendix B for more information at the specific test boring locations.

It should be noted that the estimated seasonal high water levels do not provide any assurance that groundwater levels will not exceed these estimated levels during any given year in the

future. Should impediments to surface water drainage be present, or should rainfall intensity, duration, or total quantities exceed the normally anticipated rainfall conditions, then groundwater levels might exceed our seasonal high estimates. Further, it should be understood that changes in the surface hydrology and subsurface drainage from on-site and/or off-site improvements could have significant effects on the normal and seasonal high groundwater levels.

9.0 GEOTECHNICAL RECOMMENDATIONS

In subsequent sections of this report, we have presented our recommendations for pile foundation design and construction, as well as other construction related services. The presented recommendations have been made based upon a review of the attached boring and test data, our understanding of the proposed construction, and experience with similar projects and subsurface conditions.

We note that since the applicability of geotechnical recommendations is very dependent upon grade alterations and actual structural loads applied, UES should review the final grading plans and structural design loads to validate all recommendations rendered herein. Without such a review our recommendations should not be relied upon for final design of any site improvements. The discovery of any subsurface conditions during construction which deviate from those encountered in the borings should be reported to us immediately for observation, evaluation, and recommendations.

Based on our understanding of this project, 18-inch prestressed, precast square concrete piles will be utilized for the proposed bridge construction. The proposed boardwalk will be supported on timber posts.

9.1 SCOUR CONSIDERATIONS

American Consulting Professionals (ACP) has provided scour elevations of -5 at the end bent locations. These scour elevations have been included in Table 6, Pile Data Table. Our design for axial capacity has considered the scourable soils and neglected any skin friction from these soils.

9.2 DOWNDRAW (NEGATIVE SKIN FRICTION)

Based the relatively low required fill at the bridge end bents and boardwalk post locations (none anticipated), downdraw is not anticipated to be a concern.

9.3 18-INCH PC/PS PILES

9.3.1 General

We understand that 18-inch PC/PS square concrete piles have been selected for the foundations for the bridge structure for this project. The proposed pile size and factored design loads were provided by ACP for each bent location and are shown in Table 4 below.

Table 4. Factored Design Loads.

Bent/Pier No.	Pile Size (Inches)	Factored Design Load (Tons)
End Bent 13	18	47
End Bent 14	18	47

The following report section provides the results of detailed analyses for the 18-inch PC/PS square concrete piles. Additionally, the following recommendations are based on the structure design elements previously described, the subsurface conditions encountered in our boring and borings previously performed, and our experience with similar bridge design projects. If project design aspects change, or if subsurface conditions encountered during construction are different than those described in this report, Universal should be notified to review and modify, if necessary, the following recommendations with respect to such changes.

9.3.2 Axial Load Analyses

Universal evaluated pile capacity (Estimated Davisson Capacity) versus tip elevations using the computer program FB-Deep. Sample pile capacity curves and output files from the FB-Deep analyses utilizing the recent and previous SPT data are included in Appendix C. We used factored axial pile design loads shown in Table 4 above as provided by ACP. A soil resistance factor (ϕ) of 0.75 (per FDOT Structure Design Guidelines and RFP requirements for 100 percent dynamic testing) was used to determine the NBR at the bent locations.

The following table presents the anticipated tip elevation for the 18-inch PS/PC square concrete piles based on the NBR at each foundation location.

Table 5. Anticipated Pile Tip Elevations

Bent/Pier No.	Pile Size (in)	Calculated Nominal Bearing Resistance (tons)	Anticipated Tip Elevation (ft)	Approximate Cut-Off Elevation ⁽¹⁾ (ft)	Pile Order Length ⁽²⁾ (ft)
End Bent 13	18	64	-32	+9	56
End Bent 14	18	67	-32	+9	56

⁽¹⁾ Cut-Off Elevations represent highest cut-off elevation in bent or pier as provided by ACP

⁽²⁾ Pile Order Length = Anticipated Tip Elevation (+) Cut-Off Elevation (+) approximately 15 feet contingency

It should be noted that the pile order lengths are based on the required axial capacity (factored design load) at each bent/pier location provided by American Consulting Professionals.

The Pile Data Table for 18-inch PS/PC piles pertaining to the Tom King Bayou Pedestrian Bridge, which should be included in the Construction Plans, is presented on the following page.

Table 6

CONCRETE PILE DATA TABLE														
INSTALLATION CRITERIA								DESIGN CRITERIA						
Bent No.	Pile Size (in)	Nominal Bearing Resistance (Tons)	Nominal Uplift Resistance (Tons)	Min. Tip Elevation (feet)	Pile Order Length (feet)	Required Jet Elevation (feet)	Required Preform Elevation (feet)	Factored Design Load (Tons)	Factored Design Uplift Load (Tons)	Down Drag (Tons)	Total Scour Resistance (Tons)	Net Scour Resistance (Tons)	100-Year Scour Elevation (feet)	ϕ Factor Compression
End Bent 13	18	64	NA	NA	56	NA	NA	47	NA	NA	1	1	-5	0.75
End Bent 14	18	67	NA	NA	56	NA	NA	47	NA	NA	3	3	-5	0.75

GENERAL NOTES

1. **Nominal Bearing Resistance (NBR)** \geq (Factored Design Load + Net Scour + Downdrag) / ϕ .
2. **Net Scour Resistance** = An estimate of the ultimate static side friction resistance provided by the soil from the required preformed or jetting elevation to the scour elevation.
3. **100-Year Scour** = Estimated elevation of scour to the 100 year storm event.
4. **Tension Capacity** = The ultimate side friction capacity that must be obtained below the 100-year scour elevation to resist pullout of the pile.
5. All piles shall be driven to the required minimum tip elevation as shown on the project plans. If a minimum tip elevation is not shown on the project plans, then all piles shall be driven to the penetration requirements presented in Section 455 of the Specifications.
6. A dynamic load test shall be performed on piles as per Section 455 of the Specifications and in accordance with Structures Design Guidelines Table 3.5.6-1.
7. Piles shall be driven until the Nominal Bearing Resistance (NBR) has been achieved as shown in the Pile Data Table and Section 455-5.12 of the Specifications have been met.
8. The hammer/driving system shall be in accordance with Section 455 of the Specifications.
9. A bitumen coating or polyethylene sheeting shall be applied to the portion of concrete piling installed in embankments in accordance with Section 459 of the Specifications.
10. Care shall be taken to locate and avoid above/below ground utilities during pile driving activities.

9.3.3 FB-Multiplier Soil Parameters

FB Multiplier soil parameters have been included in Appendix C to assist in lateral stability analysis. Input soil parameters are provided for the bridge end bent borings performed during our subsurface exploration.

9.4 GENERAL CONCRETE PILE INSTALLATION ISSUES

9.4.1 Pile Groups

No reduction of the individual pile capacities will be required for pier foundation units if piles are spaced center-to-center 3 times their width or greater. An efficiency factor less than one should be applied to pile group spacing less than 3 times the pile widths in accordance with the structures design guidelines. The pile caps for end bents usually contribute to the overall bearing capacity of the pile group provided they are supported on competent soil outside the outer perimeter of the group. However, we do not recommend including this additional capacity to the design calculations due to the possible loss of soil cover at the pile cap.

9.4.2 Pile Settlement

Settlement of pile supported bridge bents should be small and tolerable for a typical single row pile group. For the typical axial load considered, settlement of typical 24-inch PC/PS piles is estimated to be less than 0.5 inch. Pile group settlements are estimated to be on the order of magnitude similar to a single row pile group pattern, but will increase slightly for other pile group configurations.

9.4.3 PDA Program

All piles planned for this bridge structure shall be dynamically tested with the Pile Driving Analyzer (PDA) or equivalent in accordance with FDOT Specification 455. This monitoring will ensure allowable stress levels are not exceeded during driving and provide verification regarding pile capacity and integrity at all pile locations.

9.4.4 Preformed Pile Holes

Preformed pile holes are not required during pile driving operations.

9.4.5 General Pile Installation Notes

The following pile installation notes should be included in the project plans:

- Minimum Tip Elevations are required for lateral stability. All piles shall be driven to the minimum tip elevation shown in the project plans. If a minimum tip elevation is not shown on the project plans, then all piles shall be driven to the penetration requirements presented in Section 455-5.8 of the specifications.
- No jetting will be allowed without the approval of the engineer.
- A dynamic load test (using a Pile Driving Analyzer) shall be performed per Section 455-5.13 of the Specifications.

- Monitor existing structures in accordance with the approved SVNMP.
- The Contractor’s hammer/ driving system shall be in accordance with Section 455-5 of the Specifications.

9.5 TIMBER POST SOIL PARAMETERS

With regard to the timber posts, the client has requested that soil parameters be provided for their design purposes. These parameters are summarized in the following Tables 7, 8, and 9. Each table presents the requested parameters for each of the three “land” borings (Borings B-1, B-2, and B-3). The parameters presented in the following tables are based on the results and findings of this exploration, published values and correlations, and our experience with similar soil types. The presented parameters should, therefore, be considered approximate.

Table 7 – Estimated Geotechnical Engineering Soil Parameters for Boring B-1 ¹						
Depths (ft.)	Soil/Material Description	N Value (blows per ft.)	Corrected N Value (blows per ft.) ²	Friction Angle (degrees)	Cohesion (psf)	Effective Soil Unit Weight (pcf) ³
0-0.4	Sandy Topsoil and Organics	---	---	----	---	---
0.4-2.5	Sand [SP] and Sand with Silt [SP-SM]	2	3	27	0.0	40
2.5-4	Sand with Silt [SP-SM]	13	20	36	0.0	59
4-8.5	Sand with Silt [SP-SM]	26	36	38	0.0	61
8.5-11	Sand with Silt [SP-SM]	4	5	29	0.0	45
11-17	Sand [SP] with many Organics	4 ⁴	5	25	0.0	35
17-22	Sand [SP]	4	5	29	0.0	45
22-38	Silty Sand [SM]	6	6	27	0.0	66
38-52	Sand with Silt [SP-SM]	36	30	37	0.0	60
52-57	Sand with Silt [SP-SM]	15	12	33	0.0	54
57-67	Sand with Silt [SP-SM]	34	25	37	0.0	60
67-70 ⁵	Sand with Silt [SP-SM]	69	49	40	0.0	66

Footnotes for Table 7:

¹ Reference Boring Log for B-1 in Appendix B for more detailed soils description and USCS classification information, and groundwater conditions at the time of drilling.

² Standard Penetration Resistance test /"N" value corrected for overburden.

³ For design purposes, it is recommended that the condition of groundwater at the ground surface be used, and, therefore, only effective soil unit weights are presented in the table.

⁴ The “blow count” for this stratum was weight of hammer for the first 12 inches of penetration and 4 blows for the final 6 inches of penetration.

⁵ Boring termination depth.

Table 8 – Estimated Geotechnical Engineering Soil Parameters for Boring B-2 ¹						
Depths (ft.)	Soil/Material Description	N Value (blows per ft.)	Corrected N Value (blows per ft.) ²	Friction Angle (degrees)	Cohesion (psf)	Effective Soil Unit Weight (pcf) ³
0-2.5	Sand with Silt [SP-SM] with some organics (Topsoil)	2	4	27	0.0	42
2.5-5.5	Sand [SP] and Sand with Silt [SP-SM]	5	8	31	0.0	50
5.5-8.5	Sand [SP]	3	4	29	0.0	43
8.5-13	Sand [SP]	1	1	26	0.0	35
13-27	Sand [SP]	4	5	30	0.0	46
27-32	Silty Sand [SM]	7	7	27	0.0	66
32-43	Sand [SP]	28	27	38	0.0	60
43-53	Sand [SP] and Sand with Silt [SP-SM]	34	29	38	0.0	61
53-62	Sand with Silt [SP-SM]	25	20	36	0.0	60
62-70 ⁴	Sand with Silt [SP-SM]	50	37	39	0.0	62

Footnotes for Table 8:

¹ Reference Boring Log for B-2 in Appendix B for more detailed soils description and USCS classification information, and groundwater conditions at the time of drilling.

² Standard Penetration Resistance test /"N" value corrected for overburden.

³ For design purposes, it is recommended that the condition of groundwater at the ground surface be used, and, therefore, only effective soil unit weights are presented in the table.

⁴ Boring termination depth.

Table 9 – Estimated Geotechnical Engineering Soil Parameters for Boring B-3 ¹						
Depths (ft.)	Soil/Material Description	N Value (blows per ft.)	Corrected N Value (blows per ft.) ²	Friction Angle (degrees)	Cohesion (psf)	Effective Soil Unit Weight (pcf) ³
0-0.5	Sandy Topsoil	---	---	---	---	--
0.5-5.5	Sand with Silt [SP-SM]	2	3	27	0.0	40
5.5-12	Sand with Silt [SP-SM]	1	1	25	0.0	34
12-16	Sand [SP]	3	4	28	0.0	42
16-22	Sand with Silt [SP-SM]	25	29	38	0.0	60
22-27	Sand with Silt [SP-SM]	16	17	35	0.0	58
27-37	Sand with Silt or Clay [SP-SM and SP-SC]	8	8	30	0.0	49
37-47	Sand with Silt [SP-SM]	39	35	38	0.0	61
47-57	Sand with Silt [SP-SM]	26	21	36	0.0	59
57-67	Sand with Silt [SP-SM]	53	40	38	0.0	63
67-70 ⁴	Sand with Silt [SP-SM]	76	55	40	0.0	70

Footnotes for Table 6:
¹ Reference Boring Log for B-3 in Appendix B for more detailed soils description and USCS classification information, and groundwater conditions at the time of drilling.
² Standard Penetration Resistance test /"N" value corrected for overburden.
³ For design purposes, it is recommended that the condition of groundwater at the ground surface be used, and, therefore, only effective soil unit weights are presented in the table.
⁴ Boring termination depth.

The timber posts shall meet the timber piles requirements of the FDOT Standard Specifications, including Sections 455, 952 and 953 of the FDOT Standard Specifications.

9.6 PROTECTION OF EXISTING STRUCTURES

Care should be exercised to avoid damaging any nearby structures while pile driving procedures are being performed. **To avoid possible problems (both with nearby structures and legally), it is imperative that the guidelines of the most recent version of Section 455-1.1 of the FDOT, Standard Specifications for Road and Bridge Construction, entitled "Protection of Existing Structures", be complied with. Upon request, UES can provide a proposal and fee to schedule and provide the services necessary to comply with the FDOT guidelines.**

9.7 TIMBER POST INSTALLATION AND QUALITY CONTROL

Once the pile hammer has been selected for timber post installation, the following formula should be used to verify axial capacity requirements are met.

$$R=(2E)/(S-0.1) \text{ for power hammers}$$

Where:

R=Safe bearing value, in tons

S=The average penetration per blow, in inches

E=Energy per blow of hammer, in foot tons

Nominal Bearing Resistance of the timber posts shall be used for the Safe Bearing Value (R) used in the above equation. The NBR for interior and exterior timber posts is 18 kips and 8 kips, respectively. The Driving of the timber posts should be terminated if refusal conditions of 20 blows per inch are encountered during driving with less than a ¼-inch of rebound and the hammer selected for installation is operating at the highest setting (i.e., maximum related energy).

All piles should be installed under full-time monitoring by a qualified Senior Engineering Technician or Geotechnical Engineer in order to make field judgments of pile penetration and construction and to check for satisfactory foundation support conditions. Piles should be checked for appropriate size, length, materials and defects. Piles should be monitored during driving for handling, location, alignment, penetration, blow counts, and hammer action/performance. A pile driving record should be kept for each individual production pile. The individual pile driving records should have the following minimum information.

- Pile type and dimensions
- Final pile embedment depth
- Pile tip and butt elevations
- Pile installation date and time
- Pile installation methods information
- Pile blow counts per one (1) foot interval
- Relevant hammer and cushion information
- Hammer stroke
- Installation notes (as appropriate)

10.0 LIMITATIONS

This report has been prepared for the exclusive use of **American Consulting Professionals, L.L.C.** and other designated members of the Design/Construction Team associated with the proposed construction for the specific project discussed in this report. No other site or project facilities should be designed using the soil information contained in this report. As such, UES will not be responsible for the performance of any other site improvement designed using the data in this report.

This report should not be relied upon for final design recommendations or professional opinions by unauthorized third parties without the expressed written consent of UES. Unauthorized third parties that rely upon the information contained herein without the expressed written consent of UES assume all risk and liability for such reliance.

The recommendations submitted in this report have been based upon the data obtained from the soil borings performed at the locations indicated on the Boring Location Plan, and from other

information as referenced. This report does not reflect any variations which may occur between the boring locations. The nature and extent of such variations may not become evident until construction. If variations become evident, it will then be necessary for a re-evaluation of the recommendations of this report after performing on-site observations during the construction period, and noting the characteristics of the variations.

Borings for a typical geotechnical report are widely spaced and generally not sufficient for reliably detecting the presence of isolated, anomalous surface or subsurface conditions, or reliably estimating unsuitable or suitable material quantities. Accordingly, UES does not recommend relying on our boring information for estimation of material quantities unless our contracted services **specifically** include sufficient exploration for such purpose(s), and within the report we so state that the level of exploration provided should be sufficient to detect anomalous conditions or estimate such quantities. Therefore, UES will not be responsible for any extrapolation or use of our data by others beyond the purpose(s) for which it is applicable or intended.

All users of this report are cautioned that there was no requirement for UES to attempt to locate any man-made buried objects or identify any other potentially hazardous conditions that may exist at the site during the course of this exploration. Therefore no attempt was made by UES to locate or identify such concerns. UES cannot be responsible for any buried man-made objects or environmental hazards which may be subsequently encountered during construction that are not discussed within the text of this report. We can provide this service, if requested.

During the early stages of most construction projects, geotechnical issues not addressed in this report may arise. Because of the natural limitations inherent in working with the subsurface, it is not possible for a geotechnical engineer to predict and address all possible problems. A GBC/The Geotechnical Business Council publication, "Important Information About This Geotechnical Engineering Report," appears in Appendix C, and will help explain the nature of geotechnical issues. Further, we present the document "Constraints & Restrictions" in Appendix C to bring to your attention the potential concerns and the basic limitations of a typical geotechnical report.

* * * * *

APPENDIX A





TOM KING BAYOU PEDESTRIAN BRIDGE
 EAST BAY BOULEVARD
 NAVARRE, FLORIDA

SITE LOCATION MAP



UNIVERSAL
 ENGINEERING SCIENCES

DRAWN BY: KD	DATE: 9/30/19	CHECKED BY: MJ	DATE: 9/30/19
SCALE: NTS	PROJECT NO: 1730.1900051.0000	REPORT NO: 1752229	PAGE NO: A - 1

1730.1900051-A



1730.1900051-A



UNIVERSAL
ENGINEERING SCIENCES

**TOM KING BAYOU PEDESTRIAN BRIDGE
EAST BAY BOULEVARD
NAVARRE, FLORIDA**

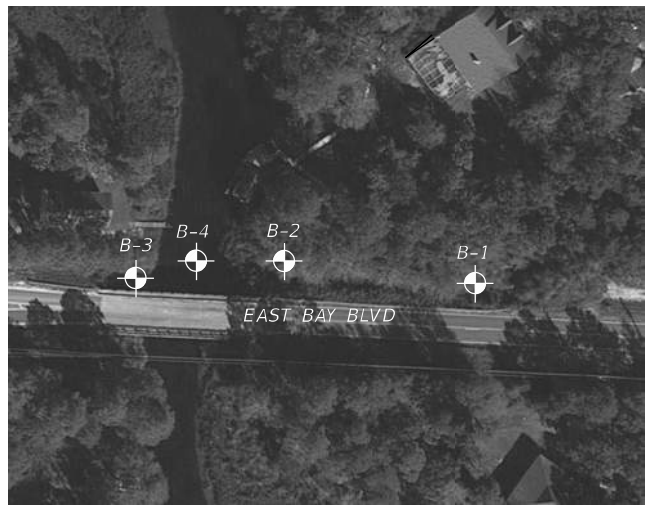
USDA SOIL SURVEY MAP

DRAWN BY: KD	DATE: 9/30/19	CHECKED BY: MJ	DATE: 9/30/19
SCALE: NTS	PROJECT NO: 1730.1900051.0000	REPORT NO: 1752229	PAGE NO: A - 2

APPENDIX B



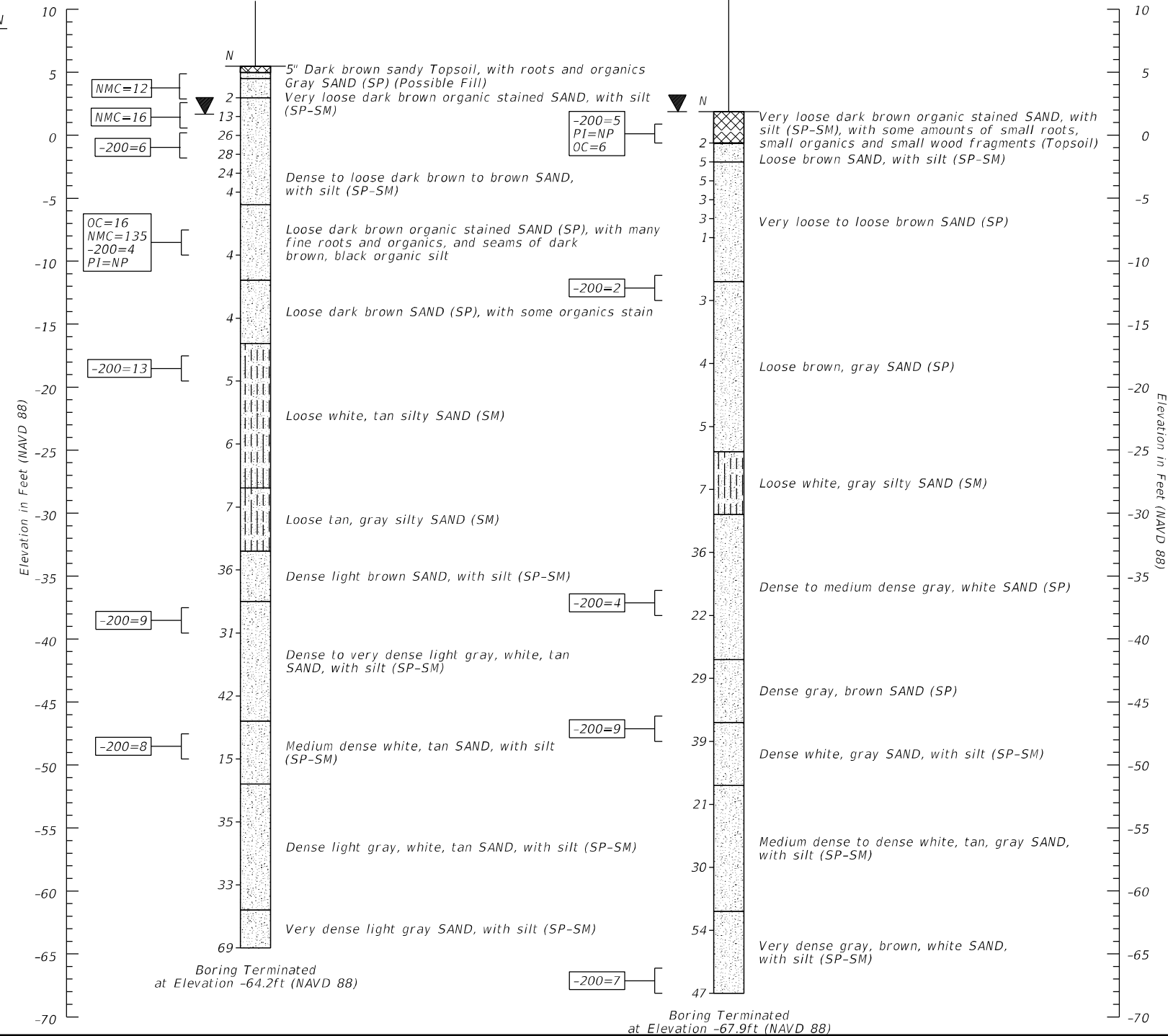
DATE	DATE	DATE	DATE
VERIFICATION CHECKER (OR)	REMARK INCORPORATION	ORIGINATOR VERIFICATION	ORIGINATOR
CHECKER (RP)	CHANGE INCORPORATION	ORIGINATOR (RP)	ORIGINATOR (RP)
DATE	DATE	DATE	DATE
PHASE	REVIEW	DATE	DATE
SIGNATURE:			



BOR # B-1
 ELEV. 5.8
 DATE 9/26/2019
 DRILLER M. BOATRIGT
 HAMMER Auto
 RIG CME 45
 COORDINATES 30.44606 N, 86.93547 W

BOR # B-2
 ELEV. 2.1
 DATE 9/25/2019
 DRILLER M. BOATRIGT
 HAMMER Auto
 RIG CME 45
 COORDINATES 30.44609 N, 86.93595 W

BORING LOCATION PLAN



LEGEND

- WATER
- TOPSOIL
- SAND (SP)
- SILTY SAND (SM)

- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487 GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON ELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW).
- N NUMBER TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WR SPLIT SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SEIVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- CASING
- SURVEY BASELINE SURVEY

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

ENVIRONMENTAL CLASSIFICATION:
 SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
 pH=4.7
 SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
 pH=4.7
 SUPERSTRUCTURE EXTREMELY AGGRESSIVE

TOM KING BAYOU
 PEDESTRIAN BRIDGE
 REPORT OF CORE BORINGS (1 OF 2)



SANTA ROSA COUNTY
 BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION
 CR 399 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER
 REBECCA JONES
 PROJECT NUMBER
 PW 19445

American
 Consulting Engineers of Florida, LLC
 1448 W. 4th St., Suite 200
 Ft. Lauderdale, FL 33304
 Phone: (850) 289-1000 Fax: (850) 289-1001
 Email: info@american-engineers.com
 LeAnn E. Powell, P.E., No. 70045

NO.	DATE	APPROVAL	REVISIONS

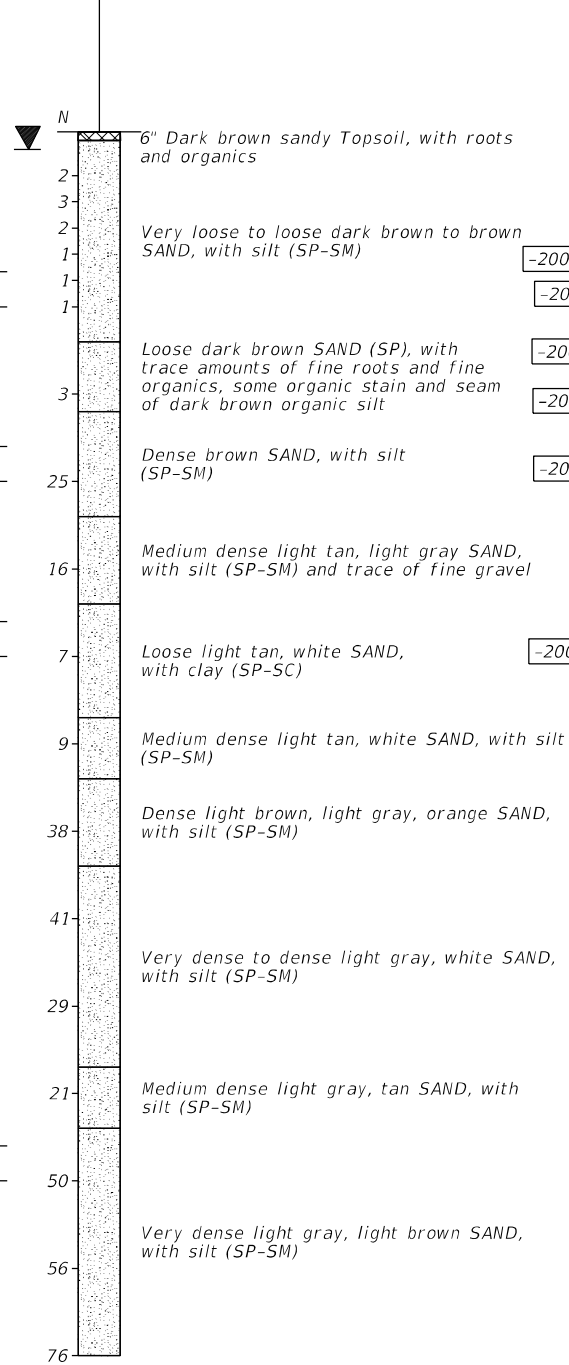
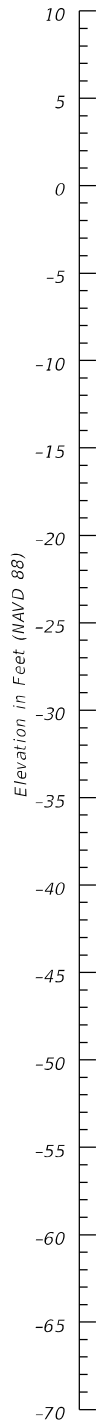
L:\DRAFTING\k\davis BORHLT01 TOM KING BAYOU PEDESTRIAN BRIDGE.dgn 12/16/2020 12:07:49 PM

PHASE	REVIEW	DATE	ORIGINATOR (RP)	DATE	VERIFICATION CHECKER (OR)	DATE	DATE
SIGNATURE:			PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		ORIGINATOR (RP)	ORIGINATOR (RP)	ORIGINATOR (RP)
			CHECKER (RP)		REMARK INCORPORATION (Blue Highlighter)	REMARK INCORPORATION (Blue Highlighter)	REMARK INCORPORATION (Blue Highlighter)
			CHANGE INCORPORATION (Blue Highlighter)		ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))	ORIGINATOR VERIFICATION (Correct (Yellow Highlighter))



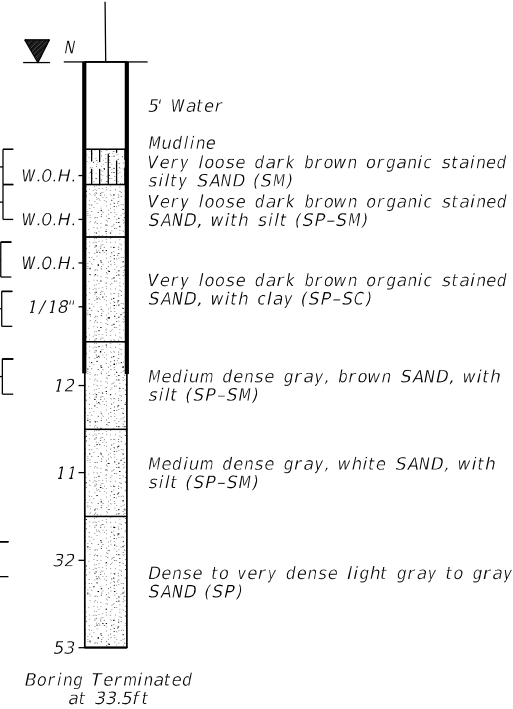
BOR # B-3
 ELEV. 3
 DATE 9/24/2019
 DRILLER M. BOATRIGHT
 HAMMER Auto
 RIG CME 45
 COORDINATES 30.44610 N, 86.93634 W

BORING LOCATION PLAN



Boring Terminated at Elevation -67ft (NAVD 88)

BOR # B-4
 DATE 9/23/2019
 DRILLER D. BUCHLER
 HAMMER Safety
 RIG TRIPOD



Boring Terminated at 33.5ft

LEGEND

- WATER
- TOPSOIL
- SAND (SP)
- SILTY SAND (SM)

- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487 GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON ELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBER TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WR SPLIT SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SEIVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- CASING
- SURVEY BASELINE SURVEY
- W.O.H. WEIGHT OF HAMMER FOR 18"

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT)	SPT N-VALUE (BLOWS/FT)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

ENVIRONMENTAL CLASSIFICATION:

- SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE pH=4.7
- SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE pH=4.7
- SUPERSTRUCTURE EXTREMELY AGGRESSIVE

TOM KING BAYOU PEDESTRIAN BRIDGE

REPORT OF CORE BORINGS (2 OF 2)



SANTA ROSA COUNTY BOARD OF COUNTY COMMISSIONERS
 PROJECT LOCATION: CR 390 OVER TOM KING BAYOU
 COUNTY PROJECT MANAGER: REBECCA JONES
 PROJECT NUMBER: PW 19A45

American Consulting Engineers of Florida, LLC
 1448 Westchase Rd.
 Pace, Florida 32671
 Phone: (850) 289-1000 Fax: (850) 286-1001
 C. Lebrunn, E. Powell, P.E., No. 70045

NO.	DATE	APPROVAL	REVISIONS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FIELD PROCEDURES

Standard Penetration Test Borings (Mud-Rotary Advanced)

To aid in evaluating the subsurface conditions present on the site, we located and drilled Standard Penetration Test (SPT) borings to the depths indicated on the attached Boring Logs.

In this procedure, each boring was advanced by rotary drilling techniques using a circulating bentonite fluid for borehole flushing and stability. At 1½- to 5-foot intervals, the drilling tools were removed from the borehole, and a split-barrel sampler was inserted to the borehole bottom. The sampler was driven 18 inches into the soil using an automatic hammer with a 140-pound hammer falling 30 inches per hammer blow. The number of blows for the final 12 inches of penetration is termed the “penetration resistance, blow count, or N-value”. This value is an index to several in-place geotechnical properties of the material tested, such as relative density and Young’s Modulus.

After driving the sampler 18 inches (or less if in extremely dense/hard materials), the sampler was retrieved from the borehole and a representative sample of the material within the split-barrel sampler was placed in a labeled plastic container and sealed. After completing the drilling operations, the samples obtained from the boring were transported to our laboratory where they were examined by a member of our geotechnical staff. This procedure was performed in general accordance with the latest revision of ASTM D1586, entitled “Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils”.

Standard Penetration Test Borings (Tripod Advanced)

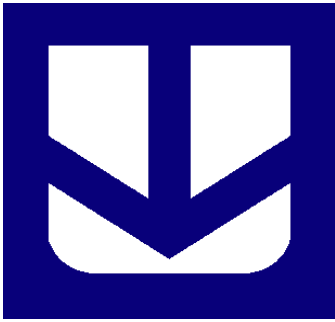
To aid in evaluating the subsurface conditions present on the site, we located and drilled one Standard Penetration Test (SPT) boring to the depth indicated on the attached Boring Log. The boring was performed using drilling equipment mounted on a portable steel pole tripod frame. The tripod frame was supported on a pontoon boat, in the Tom King Bayou, at the approximate location shown on the Boring Location Plan (Page B-1) included in this Appendix.

In this procedure, the boring was advanced by wash drilling techniques using a circulating bentonite fluid for borehole flushing and stability. At 1½- to 5-foot intervals, the drilling tools were removed from the borehole and a split-barrel sampler was inserted to the borehole bottom and driven 18 inches into the soil using a “cathead” and rope setup with a 140-pound hammer falling an average 30 inches per hammer blow. The number of blows for the final 12 inches of penetration is termed the “penetration resistance, blow count, or N-value”. This value is an index to several in-place geotechnical properties of the material tested, such as relative density and Young’s Modulus.

After driving the sampler 18 inches (or less if in extremely dense/hard materials), the sampler was retrieved from the borehole and a representative sample of the material within the split-barrel sampler was placed in a labeled plastic container and sealed. After completing the drilling operations, the samples obtained from the boring were transported to our laboratory where they were examined by a member of our geotechnical staff. This procedure was performed in general accordance with the latest revision of ASTM D 1586, entitled “Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils”.

APPENDIX C





UNIVERSAL ENGINEERING SCIENCES

UES Report No. 1752229

Report Date: 10/9/2019

Consultants In: Geotechnical Engineering, Environmental Sciences

Construction Materials Testing, Threshold Inspections, Private Provider Inspection

1985 Cope Lane • Pensacola • Florida • 32526 • P: (850) 944-5555 • F: (850) 944-5885

PARTICLE SIZE DISTRIBUTION OF SOILS - ASTM C136/D7928

Client : American Consulting

Project Number: 1730.1900051.0000

Project Name: Tom King Bayou Bridge

USCS: SM

Sample Description: Silty Sand

Tested By: JS/RB

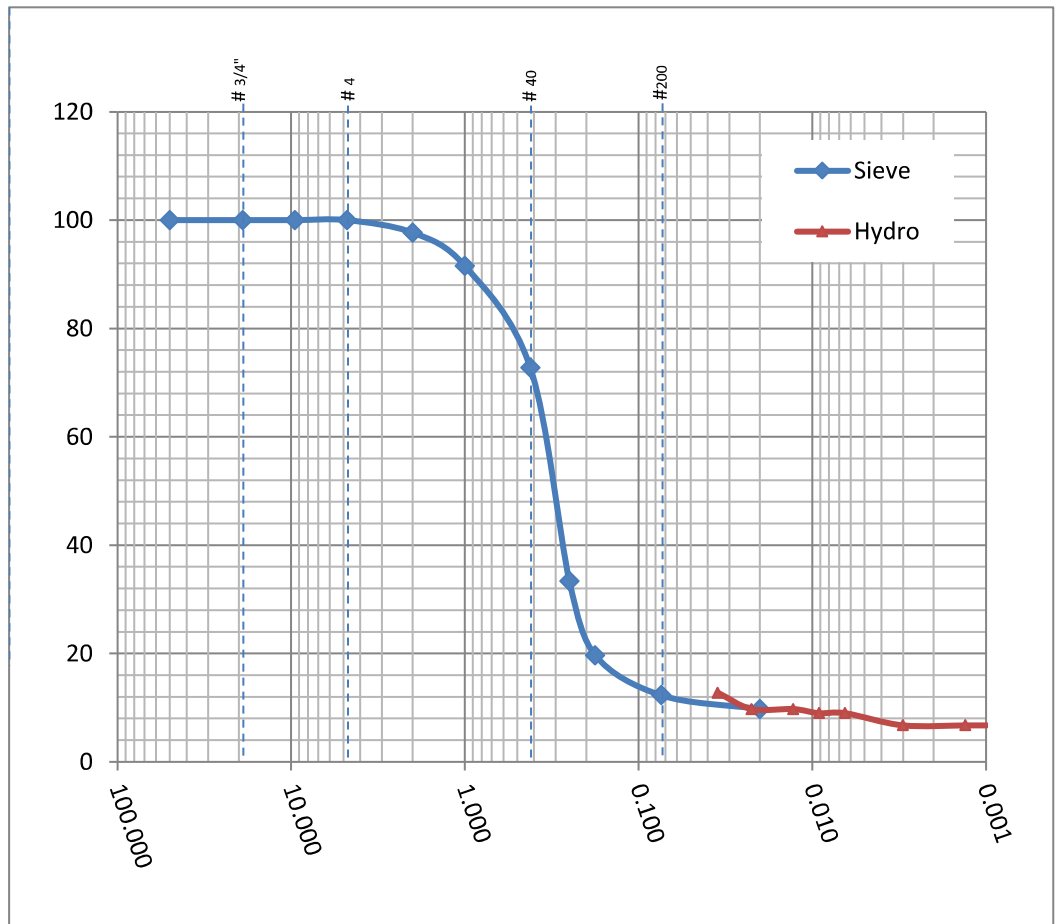
Sample Number: B-4, 5'-7.5'

Date Tested: 10/7 to 10/9/2019

Sieve Size	mm	Percent Passing
2"	50.00	100
3/4"	19.00	100
3/8"	9.510	100
#4	4.760	100
#10	2.000	98
#20	1.000	92
#40	0.420	73
#60	0.250	33
#100	0.178	20
#200	0.074	12.3
Hydro	0.020	9.8
Hydro	0.002	6.8
Hydro	0.001	6.8

Silt Content (ASTM)
4.3 %

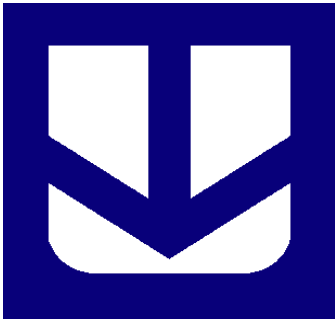
Clay Content (Passing 0.0050)
8.1 %



Dispersion Device Used: Dispersed for 1 minute using a Hamilton Beach Commercial Blender, Model 936.

Maximum Particle Size: 4.76 mm, #4 Sieve

Specific Gravity: 2.65 - Assumed



UNIVERSAL ENGINEERING SCIENCES

UES Report No. 1752229

Report Date: 10/9/2019

Consultants In: Geotechnical Engineering, Environmental Sciences

Construction Materials Testing, Threshold Inspections, Private Provider Inspection

1985 Cope Lane • Pensacola • Florida • 32526 • P: (850) 944-5555 • F: (850) 944-5885

PARTICLE SIZE DISTRIBUTION OF SOILS - ASTM C136/D7928

Client : American Consulting

Project Number: 1730.1900051.0000

Project Name: Tom King Bayou Bridge

USCS: SP-SM

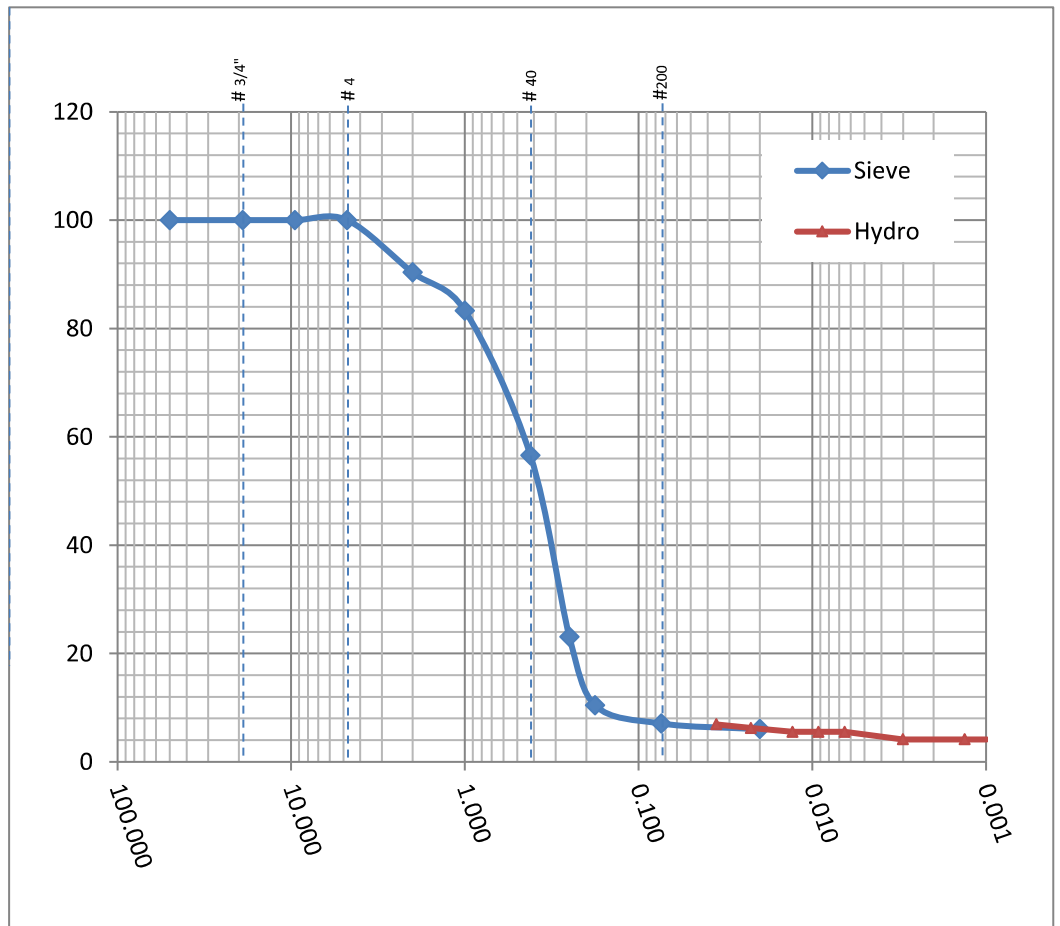
Sample Description: Sand with Silt

Tested By: JS/RB

Sample Number: B-4, 7.5'-9'

Date Tested: 10/7 to 10/9/2019

Sieve Size	mm	Percent Passing
2"	50.00	100
3/4"	19.00	100
3/8"	9.510	100
#4	4.760	100
#10	2.000	90
#20	1.000	83
#40	0.420	57
#60	0.250	23
#100	0.178	10
#200	0.074	7.1
Hydro	0.020	6.1
Hydro	0.002	4.2
Hydro	0.001	4.2



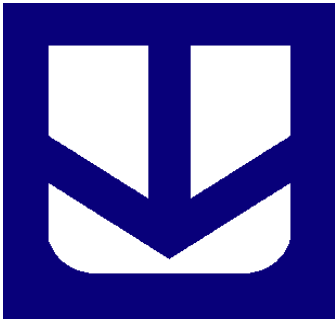
Silt Content (ASTM)
2.1 %

Clay Content (Passing 0.0050)
5.0 %

Dispersion Device Used: Dispersed for 1 minute using a Hamilton Beach Commercial Blender, Model 936.

Maximum Particle Size: 4.76 mm, #4 Sieve

Specific Gravity: 2.65 - Assumed



UNIVERSAL ENGINEERING SCIENCES

UES Report No. 1752229

Report Date: 10/9/2019

Consultants In: Geotechnical Engineering, Environmental Sciences

Construction Materials Testing, Threshold Inspections, Private Provider Inspection

1985 Cope Lane • Pensacola • Florida • 32526 • P: (850) 944-5555 • F: (850) 944-5885

PARTICLE SIZE DISTRIBUTION OF SOILS - ASTM C136/D7928

Client : American Consulting

Project Number: 1730.1900051.0000

Project Name: Tom King Bayou Bridge

USCS: SP-SM

Sample Description: Sand with Silt

Tested By: JS/RB

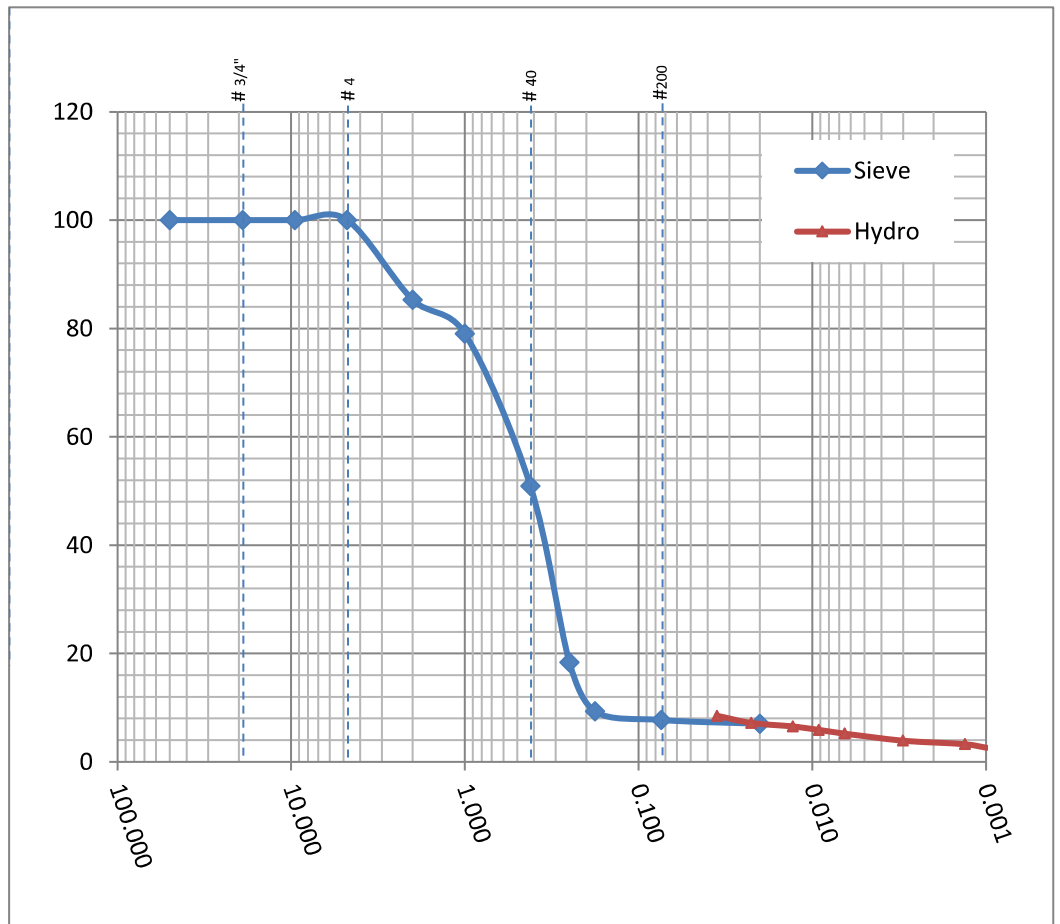
Sample Number: B-4, 10'-11.5'

Date Tested: 10/7 to 10/9/2019

Sieve Size	mm	Percent Passing
2"	50.00	100
3/4"	19.00	100
3/8"	9.510	100
#4	4.760	100
#10	2.000	85
#20	1.000	79
#40	0.420	51
#60	0.250	18
#100	0.178	9
#200	0.074	7.7
Hydro	0.020	7.0
Hydro	0.002	3.5
Hydro	0.001	3.2

Silt Content (ASTM)
3.1 %

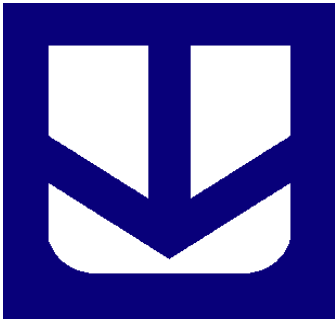
Clay Content (Passing 0.0050)
4.7 %



Dispersion Device Used: Dispersed for 1 minute using a Hamilton Beach Commercial Blender, Model 936.

Maximum Particle Size: 4.76 mm, #4 Sieve

Specific Gravity: 2.65 - Assumed



UNIVERSAL ENGINEERING SCIENCES

UES Report No. 1752229

Report Date: 10/11/2019

Consultants In: Geotechnical Engineering, Environmental Sciences

Construction Materials Testing, Threshold Inspections, Private Provider Inspection

1985 Cope Lane • Pensacola • Florida • 32526 • P: (850) 944-5555 • F: (850) 944-5885

PARTICLE SIZE DISTRIBUTION OF SOILS - ASTM C136/D7928

Client : American Consulting

Project Number: 1730.1900051.0000

Project Name: Tom King Bayou Bridge

USCS: SP-SM

Sample Description: Sand with Silt

Tested By: JS/RB

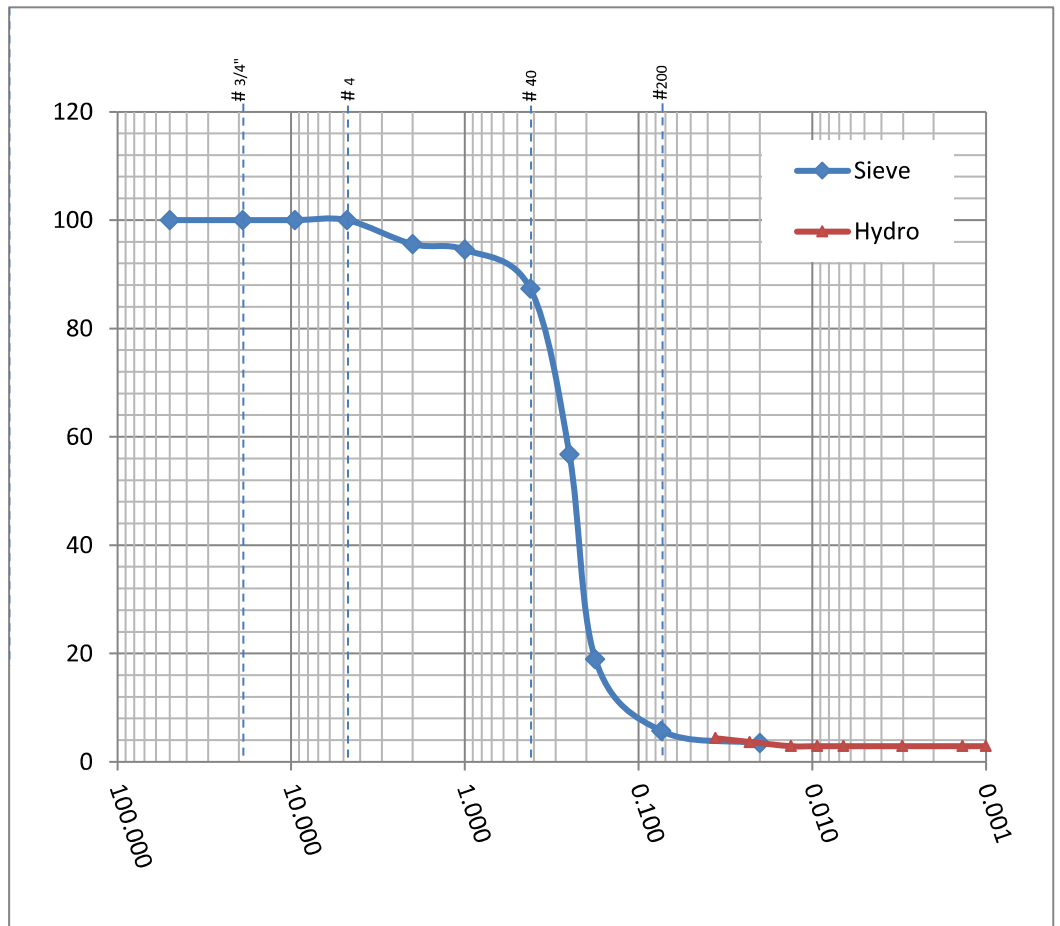
Sample Number: B-4, 12.5'-14'

Date Tested: 10/9 to 10/11/2019

Sieve Size	mm	Percent Passing
2"	50.00	100
3/4"	19.00	100
3/8"	9.510	100
#4	4.760	100
#10	2.000	96
#20	1.000	95
#40	0.420	87
#60	0.250	57
#100	0.178	19
#200	0.074	5.7
Hydro	0.020	3.5
Hydro	0.002	2.9
Hydro	0.001	2.9

Silt Content (ASTM)
2.8 %

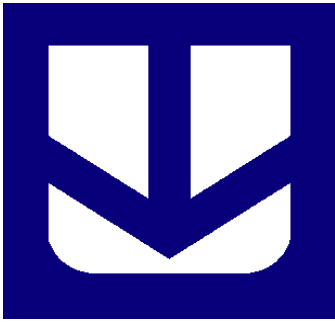
Clay Content (Passing 0.0050)
2.9 %



Dispersion Device Used: Dispersed for 1 minute using a Hamilton Beach Commercial Blender, Model 936.

Maximum Particle Size: 4.76 mm, #4 Sieve

Specific Gravity: 2.65 - Assumed



UNIVERSAL ENGINEERING SCIENCES

UES Report No. 1752229

Report Date: 10/11/2019

Consultants In: Geotechnical Engineering, Environmental Sciences

Construction Materials Testing, Threshold Inspections, Private Provider Inspection

1985 Cope Lane • Pensacola • Florida • 32526 • P: (850) 944-5555 • F: (850) 944-5885

PARTICLE SIZE DISTRIBUTION OF SOILS - ASTM C136/D7928

Client : American Consulting

Project Number: 1730.1900051.0000

Project Name: Tom King Bayou Bridge

USCS: SP-SM

Sample Description: Sand with Silt

Tested By: JS/RB

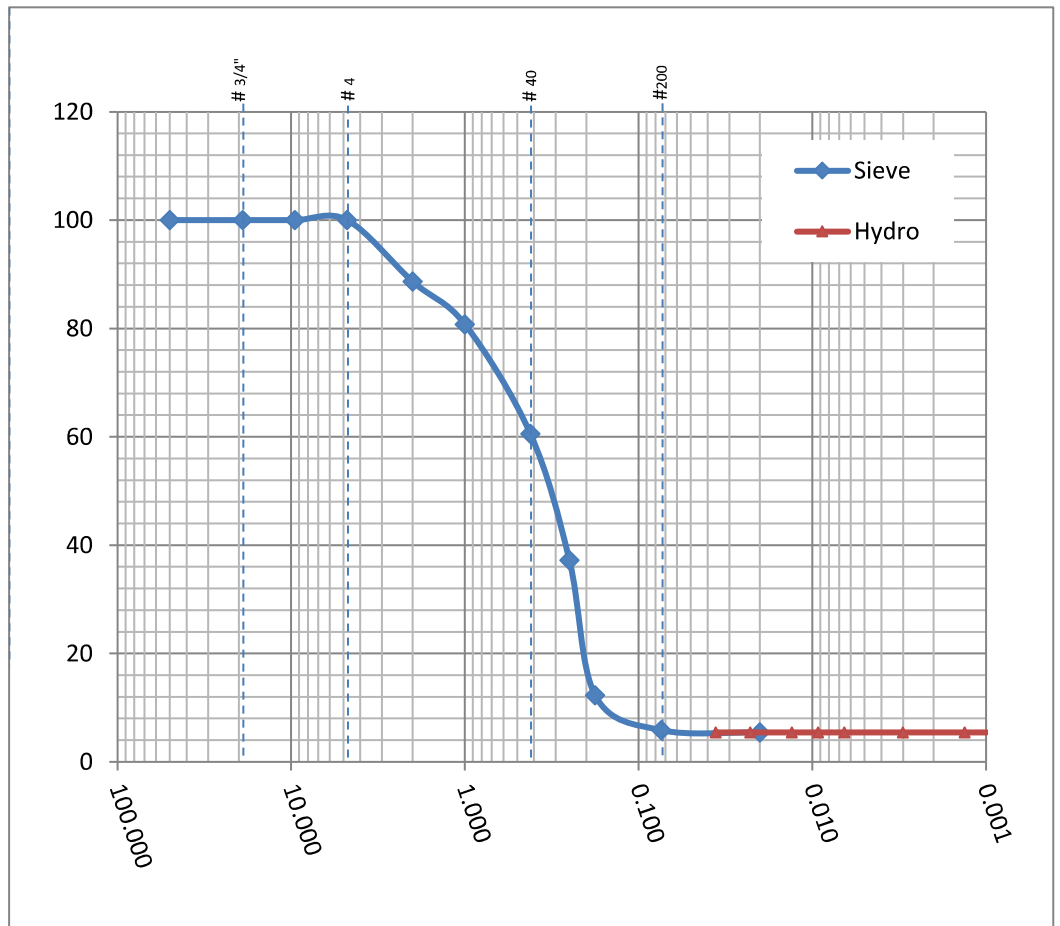
Sample Number: B-4, 17'-18.5'

Date Tested: 10/9 to 10/11/2019

Sieve Size	mm	Percent Passing
2"	50.00	100
3/4"	19.00	100
3/8"	9.510	100
#4	4.760	100
#10	2.000	89
#20	1.000	81
#40	0.420	61
#60	0.250	37
#100	0.178	12
#200	0.074	5.9
Hydro	0.020	5.5
Hydro	0.002	5.5
Hydro	0.001	5.5

Silt Content (ASTM)
0.4 %

Clay Content (Passing 0.0050)
5.5 %



Dispersion Device Used: Dispersed for 1 minute using a Hamilton Beach Commercial Blender, Model 936.

Maximum Particle Size: 4.76 mm, #4 Sieve

Specific Gravity: 2.65 - Assumed

LABORATORY PROCEDURES

Natural Moisture Content Test

One or more of the SPT soil samples recovered during our subsurface exploration were selected for natural moisture content testing. In this test, each soil sample is placed into a metal pan of known weight, weighed, dried for a minimum of 12 hours in a $110 \pm 5^{\circ}\text{C}$ oven, and then weighed again to record the weight of water released during drying. The natural moisture content of the soil is termed the ratio of "pore" or "free" water in a given mass of material to the mass of solid material particles. This test was conducted in general accordance with the ASTM D2216 test procedure entitled "Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass".

Percent -200 Soil Fines Content Test

One or more samples of the SPT soil samples recovered during our subsurface exploration were selected to determine the percentage of silt and clay fines present in the individual samples. In this test, the Natural Moisture Content test (ASTM D2216) was performed and the sample was then washed over a No. 200 mesh sieve. The materials present in the sample that did not pass through the No. 200 sieve were then placed back in the original pan and dried until the water retained from the wet-sieve process was totally evaporated. Once dried, the sample was weighed again to determine the weight of fines removed during the wet-sieve process. The percent of soil by weight passing the No. 200 sieve is termed the percentage of fines or portion of the sample in the silt and clay size range. This test was conducted in general accordance with the ASTM D1140 test procedure entitled "Standard Test Methods for Determining the Amount of Material Finer Than the No. 200 (75- μm) Sieve in Soils by Washing".

Organic Content Test

One or more of the SPT soil samples recovered during our subsurface exploration were selected to determine the organic contents of the individual samples. The organic content test involves performing the Natural Moisture Content test (ASTM D2216) and then placing 10 to 40 grams of the mixed and dried soil sample into a porcelain crucible of known weight. The crucible (with sample) was then placed into a Barnstead|Thermolyne Model 1400 Muffle Furnace and ignited at a temperature of $455 \pm 10^{\circ}\text{C}$ for 6 hours. After six hours, the crucible was then allowed to cool in a desiccator to prevent moisture entry from the lab's atmosphere. Once cool to the touch, the crucible was removed from the desiccator and then weighed to determine the mass of organic materials disintegrated during the ignition process. The organic content of the soil is defined as the percentage of combustible organic materials present in a given amounts of the dried soil sample. This test was conducted in general accordance with the AASHTO T 267 test procedure entitled "Standard Method of Test for Determination of Organic Content in Soils by Loss on Ignition".

Atterberg Limits Test

One or more of the SPT soil samples recovered during our subsurface exploration were selected to determine their liquid limits, plastic limits, and plasticity indices (a.k.a., the Atterberg Limits). The liquid limit (LL) of the sample tested was determined using the multi-point method. In this method, the soil sample was dried per ASTM D2216 (Natural Moisture Content) and then sieved through a No. 40 (425- μm) sieve until approximately 200 grams of sieved material was obtained. Once 200 grams of the sieved material was obtained, distilled water was added until a specific material consistency was reached (as determined only by experience). The wet material was then spread into a brass cup utilizing a spatula, divided into two parts using a grooving tool, and then allowed to flow together using the shocks made by dropping the brass cup onto a standard mechanical device. Once this has been performed several times (typically three times), the moisture content of the sample and the number of blows required to make the material flow together after grooving was plotted to derive the liquid limit of the sample.

The plastic limit (PL) of the sample was determined by rolling a small portion of the sieved, wet sample, into a 0.5-in (3.2-mm) thread until the moisture content of the sample was reduced such that the thread crumbled and the soil could no longer be pressed together and re-rolled. The moisture content of the

LABORATORY PROCEDURES

sample at that point is its plastic limit. The plasticity index (PI) is reported as the difference between the liquid limit and plastic limit of the samples (LL minus PL). This test was conducted in general accordance with the ASTM D4318 test procedure entitled "Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils".

Grainsize Distribution Testing

One or more of the SPT soil samples recovered during our subsurface exploration were selected for grainsize distribution testing. For this testing, the Natural Moisture Content (ASTM D2216) was determined for each sample. A portion of the dried sample was mixed with a given quantity of distilled water and a small amount of a dispersing agent. Using a blender, the mixture was agitated for a time period of 1 minute. Following mixing with the blender, the solution, along with enough distilled water to fill a 1,000 ml graduated cylinder, was placed in the cylinder and shaken/agitated for a minimum of 30 seconds. After agitation, the cylinder was immediately placed on a level stable surface, a hydrometer immediately inserted in the suspension, and a timer started. Periodic readings of the hydrometer, solution temperature, and time for the first two minutes were obtained without removing the hydrometer from the cylinder. After two minutes, continued hydrometer, temperature, and time readings were obtained at regular intervals by carefully inserting the hydrometer in the solution for each reading. The readings were performed for a minimum time period of 24 hours. Using the data obtained and Stokes' Law, calculations were performed to determine particle diameter and mass percent finer for each reading taken. This procedure was performed to determine the fines (silt and clay) contents of the soils, and was performed in general accordance with the ASTM D7928 test procedure entitled "Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis".

Following hydrometer testing, a Percent -200 Soil Fines Content Test (ASTM D1140) was performed on the sample. The materials which did not pass through the No. 200 sieve were then dried and weighed and then placed into a stack of mesh sieves (sieve sizes typically range from the 2-in sieve to the No. 200 sieve) and were then shaken for approximately 540 seconds (9 minutes) in a mechanical shaker. Once the sample was agitated, the amount of sample retained on each of the stacked sieves was measured and plotted. The grainsize distribution of the sample tested is defined as the percentage of material retained on a specific set of sieves when compared to the weight of the original washed and dried sample. This test was performed in general accordance with the ASTM C136 test procedure entitled "Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates".

Using the data obtained from the various test procedures, a grain size distribution curve was plotted for each soil sample. The data was plotted on a semi-logarithmic graph, with grain size diameter on the logarithmic horizontal axis, and percent finer by mass on the arithmetic vertical axis. These graphs and associated data are presented on attachments included in this Appendix.

Corrosive Series Test

One or more of the SPT soil samples recovered during the field exploration were selected for corrosive series testing. The corrosive series test involves several tests including: pH level, chloride content, sulfate content, and resistivity. The individual testing methods are discussed in the following sections.

pH Level Test

One or more of the SPT soil samples recovered during the field exploration were selected to evaluate the pH (potential of Hydrogen) levels of the soils. For this test, approximately 100 ml of soil was added to a like amount of distilled water in a 250-ml glass beaker. The soil and water mixture was then mixed thoroughly in ten minute intervals for thirty minutes, ensuring that any clumps of soil were no longer intact. The pH of the soil was then tested using a Hanna Model LA 3410 pH probe. Solutions with a pH of less than 7.0 are considered acidic, while solutions with a pH greater than 7.0 are considered basic (alkaline). This test was conducted in general accordance with the State of Florida Department of Transportation (DOT) test procedure FM 5-550 entitled "Florida Method of Test for Determining pH of Soil and Water".

LABORATORY PROCEDURES

Chloride Content Test

One or more of the SPT soil samples recovered during the field exploration were selected to evaluate the chloride levels present in the soils. For this test, approximately 400 grams of soil was air dried to a constant weight and then sieved through a No. 10 sieve (please note that for muck or clay soils, the sample is pulverized with a mallet after drying). Approximately 100 grams of the dried soil was then placed in a 500-ml Erlenmeyer flask. Approximately 300 ml of distilled water was then added to the soil, the flask was capped with a stopper, and the soil/water mixture was shaken vigorously for 20 seconds; the mixture was allowed to stand for 1 hour, was shaken again, and then allowed to stand for 12 hours. The water used in the above procedure was then filtered through a No. 4 filter paper until the water stopped dripping from the filter paper. A 10-ml measuring tube was then over-filled with the filtered water and then the filtered water was transferred to a mixing bottle. The contents of one potassium dichromate indicator pillow was completely dissolved in the sample and then a silver nitrate catalyst was added (with a dropper, swirling after each drop) until the solution became orange in color. The number of drops used to obtain the orange color was then multiplied by 20 to obtain the concentration of chloride present in the samples (in ppm). This test was conducted in general accordance with the State of Florida DOT test procedure FM 5-552 entitled "Florida Method of Test for Chloride in Soil and Water".

Sulfate Content Test

One or more of the SPT soil samples recovered during the field exploration were selected to evaluate the sulfate levels present in the soils. For this test, approximately 400 grams of soil was air dried to a constant weight and then sieved through a No. 10 sieve (note that for muck or clay soils, the sample is pulverized with a mallet after drying). Approximately 100 grams of the dried soil was then placed in a 500-ml Erlenmeyer flask. Approximately 300 ml of distilled water was then added to the soil, the flask was capped with a stopper, and the soil/water mixture was shaken vigorously for 20 seconds; the mixture was allowed to stand for one hour, was shaken again, and then allowed to stand for 12 hours. The water used in the above procedure was then filtered through a No. 4 filter paper until the water stopped dripping from the filter paper. A 10-ml measuring tube was then over-filled with the filtered water and then the filtered water was transferred to a mixing bottle. Note that if the filtered water was still cloudy after filtering, three to five drops of hydrochloric acid was added to half of the filtered water to clear up the solution. Once the filtered water sample was prepared, 10 ml of the sample water was pipetted into a 10-ml sample vial. The contents of one Barium chloride pillow were added to the sample and the sample was inverted several times until the contents of the Barium chloride pillow were dissolved. The solution was allowed to react for at least 5 minutes (but no more than 10 minutes) before measurement. A small portion of the unreacted sample (sample without Barium chloride) was then placed into sample cell and then into a prewarmed and zeroed HACH DR/2400 Spectrophotometer set to 100% transmittance. The spectrophotometer was then adjusted to read zero concentration. The sample cell was then emptied and filled with sample water reacted with Barium chloride and the spectrophotometer procedure above was then repeated. The percent transmittance (%T) of the reacted sample was then obtained from the spectrophotometer. Once the %T was obtained from the spectrophotometer, the sulfate content was determined utilizing the %T versus Concentration (ppm) adjustments for the spectrophotometer unit. This test was conducted in general accordance with the State of Florida DOT test procedure FM 5-553 entitled "Florida Method of Test for Sulfate in Soil and Water".

Soil Electrical Resistivity Test

One or more of the SPT soil samples recovered during the field exploration were selected for electrical resistivity testing. This test was performed with a Nilsson Soil Resistivity Meter Model 400 and soil box. For this test, approximately 1000 grams of the thoroughly mixed soil was placed into the soil box at its natural moisture content. The resistivity was obtained by adjusting the fine and coarse ohm adjustments on the meter. The soil was placed back into a mixing pan and then 50 to 100 ml of deionized water was thoroughly mixed into the material. The resistivity was obtained again by adjusting the fine and coarse ohm adjustments on the meter. This procedure was repeated until the resistivity stopped dropping or began to rise. The result of the resistivity test is the lowest reading obtained during the procedure. This

LABORATORY PROCEDURES

test was conducted in general accordance with the State of Florida test procedure FM 5-551 entitled "Florida Method of Test for Minimum Resistivity of Soil and Water".



General Information:

Input file: G:\Design Build\Tom King Bayou\FB Deep\B-2.in
 Project number:
 Job name: TOM KING BAYOU PED BRIDGE
 Engineer: LL
 Units: English

Analysis Information:

Analysis Type: SPT

Soil Information:

Boring date: 9/25/19, Boring Number: B-2
 Station number: 30.44609N, -86.93595W Offset:

Ground Elevation: 2.100(ft)

Hammer type: Automatic Hammer, Correction factor = 1.24

ID	Depth (ft)	No. of Blows (Blows/ft)	Soil Type
1	0.00	0.00	5- Cavity layer
2	2.00	2.00	5- Cavity layer
3	3.50	5.00	3- Clean sand
4	5.00	5.00	3- Clean sand
5	6.50	3.00	3- Clean sand
6	8.00	3.00	3- Clean sand
7	9.50	1.00	3- Clean sand
8	14.50	3.00	3- Clean sand
9	19.50	4.00	3- Clean sand
10	24.50	5.00	3- Clean sand
11	29.50	7.00	2- Clay and silty sand
12	34.50	36.00	3- Clean sand
13	39.50	22.00	3- Clean sand
14	44.50	29.00	3- Clean sand
15	49.50	39.00	3- Clean sand
16	54.50	21.00	3- Clean sand
17	59.50	30.00	3- Clean sand
18	64.50	54.00	3- Clean sand
19	69.50	47.00	3- Clean sand
20	70.00	0.00	5- Cavity layer

Blowcount Average Per Soil Layer

Layer Num.	Starting Elevation (ft)	Bottom Elevation (ft)	Thickness (ft)	Average Blowcount (Blows/ft)	Soil Type
1	2.10	-1.40	3.50	0.86	5-Void
2	-1.40	-27.40	26.00	3.42	3-Clean Sand
3	-27.40	-32.40	5.00	7.00	2-Clay and silty sand
4	-32.40	-67.90	35.50	33.20	3-Clean Sand
5	-67.90	-67.90	0.00	0.00	5-

Driven Pile Data:

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 Pile unit weight = 150.00(pcf), Section Type: Square

Pile Geometry:

width (in)	Length (ft)	Tip Elev. (ft)
18.00	5.00	-2.90
18.00	6.00	-3.90
18.00	7.00	-4.90
18.00	8.00	-5.90
18.00	9.00	-6.90
18.00	10.00	-7.90
18.00	11.00	-8.90
18.00	12.00	-9.90
18.00	13.00	-10.90
18.00	14.00	-11.90
18.00	15.00	-12.90
18.00	16.00	-13.90
18.00	17.00	-14.90
18.00	18.00	-15.90
18.00	19.00	-16.90
18.00	20.00	-17.90
18.00	21.00	-18.90
18.00	22.00	-19.90
18.00	23.00	-20.90
18.00	24.00	-21.90
18.00	25.00	-22.90
18.00	26.00	-23.90
18.00	27.00	-24.90
18.00	28.00	-25.90
18.00	29.00	-26.90
18.00	30.00	-27.90
18.00	31.00	-28.90
18.00	32.00	-29.90
18.00	33.00	-30.90
18.00	34.00	-31.90
18.00	35.00	-32.90
18.00	36.00	-33.90
18.00	37.00	-34.90
18.00	38.00	-35.90
18.00	39.00	-36.90
18.00	40.00	-37.90
18.00	41.00	-38.90
18.00	42.00	-39.90
18.00	43.00	-40.90
18.00	44.00	-41.90
18.00	45.00	-42.90
18.00	46.00	-43.90
18.00	47.00	-44.90
18.00	48.00	-45.90
18.00	49.00	-46.90
18.00	50.00	-47.90
18.00	51.00	-48.90
18.00	52.00	-49.90
18.00	53.00	-50.90
18.00	54.00	-51.90
18.00	55.00	-52.90
18.00	56.00	-53.90
18.00	57.00	-54.90
18.00	58.00	-55.90
18.00	59.00	-56.90

18.00	60.00	-57.90
18.00	61.00	-58.90
18.00	62.00	-59.90
18.00	63.00	-60.90
18.00	64.00	-61.90
18.00	65.00	-62.90
18.00	66.00	-63.90
18.00	67.00	-64.90
18.00	68.00	-65.90
18.00	69.00	-66.90
18.00	70.00	-67.90

Driven Pile Capacity:

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Section Type: Square
Pile width: 18.00 (in)

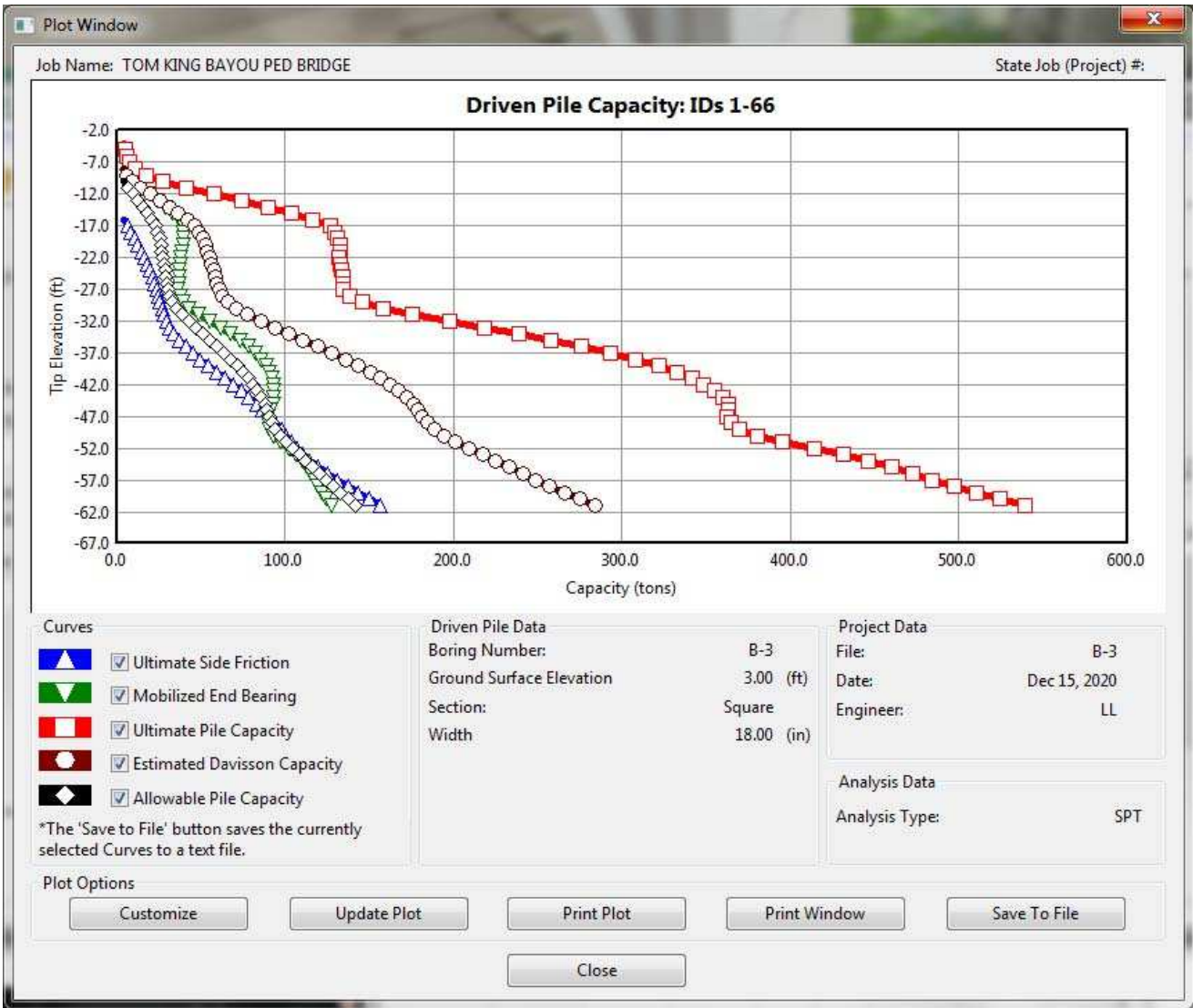
Test Pile Length (ft)	Pile width (in)	Ultimate Side Friction (tons)	Mobilized End Bearing (tons)	Estimated Davisson Capacity (tons)	Allowable Pile Capacity (tons)	Ultimate Pile Capacity (tons)
5.00	18.0	1.59	7.01	8.60	4.30	22.62
6.00	18.0	2.20	6.51	8.71	4.36	21.73
7.00	18.0	2.65	6.12	8.77	4.38	21.00
8.00	18.0	3.07	5.88	8.95	4.48	20.71
9.00	18.0	3.36	5.92	9.27	4.64	21.11
10.00	18.0	3.40	6.34	9.74	4.87	22.42
11.00	18.0	3.49	6.85	10.34	5.17	24.03
12.00	18.0	3.62	7.35	10.96	5.48	25.65
13.00	18.0	3.80	8.10	11.90	5.95	28.11
14.00	18.0	4.14	8.81	12.95	6.47	30.57
15.00	18.0	4.55	9.28	13.83	6.92	32.40
16.00	18.0	5.00	9.41	14.41	7.20	33.23
17.00	18.0	5.48	9.51	14.99	7.49	34.00
18.00	18.0	5.98	9.71	15.70	7.85	35.13
19.00	18.0	6.52	10.09	16.61	8.30	36.79
20.00	18.0	7.08	10.47	17.55	8.78	38.50
21.00	18.0	7.67	10.87	18.54	9.27	40.27
22.00	18.0	8.29	11.35	19.64	9.82	42.34
23.00	18.0	8.94	11.68	20.62	10.31	43.98
24.00	18.0	9.61	11.82	21.44	10.72	45.08
25.00	18.0	10.35	12.33	22.68	11.34	47.33
26.00	18.0	11.37	14.57	25.94	12.97	55.09
27.00	18.0	12.70	18.64	31.35	15.67	68.63
28.00	18.0	14.35	24.57	38.92	19.46	88.07
29.00	18.0	16.32	32.37	48.68	24.34	113.42
30.00	18.0	18.73	37.24	55.97	27.98	130.44
31.00	18.0	20.87	39.74	60.60	30.30	140.07
32.00	18.0	23.28	43.84	67.12	33.56	154.81
33.00	18.0	26.23	48.63	74.86	37.43	172.13
34.00	18.0	29.93	53.18	83.10	41.55	189.45
35.00	18.0	38.60	58.74	97.34	48.67	214.83
36.00	18.0	43.19	58.82	102.01	51.00	219.64
37.00	18.0	47.14	59.10	106.24	53.12	224.45
38.00	18.0	50.37	59.74	110.12	55.06	229.60
39.00	18.0	52.89	60.89	113.78	56.89	235.55
40.00	18.0	54.83	62.67	117.50	58.75	242.83
41.00	18.0	56.70	65.09	121.79	60.90	251.97

B-2.out

42.00	18.0	58.65	68.15	126.80	63.40	263.10
43.00	18.0	60.82	71.60	132.42	66.21	275.61
44.00	18.0	63.24	75.32	138.56	69.28	289.20
45.00	18.0	66.04	78.97	145.00	72.50	302.94
46.00	18.0	69.49	81.64	151.14	75.57	314.43
47.00	18.0	73.65	83.07	156.72	78.36	322.85
48.00	18.0	78.42	83.54	161.96	80.98	329.04
49.00	18.0	83.83	83.00	166.83	83.42	332.83
50.00	18.0	89.74	81.75	171.48	85.74	334.98
51.00	18.0	95.13	81.28	176.41	88.20	338.97
52.00	18.0	99.77	81.90	181.67	90.84	345.48
53.00	18.0	103.79	82.78	186.57	93.28	352.12
54.00	18.0	107.37	83.90	191.27	95.64	359.07
55.00	18.0	110.58	85.98	196.56	98.28	368.51
56.00	18.0	113.92	88.72	202.64	101.32	380.09
57.00	18.0	117.47	92.05	209.51	104.76	393.60
58.00	18.0	121.24	95.88	217.12	108.56	408.89
59.00	18.0	125.23	100.23	225.46	112.73	425.92
60.00	18.0	129.49	104.73	234.21	117.11	443.67
61.00	18.0	134.18	108.39	242.57	121.28	459.34
62.00	18.0	139.35	111.22	250.57	125.28	473.01
63.00	18.0	145.00	113.75	258.75	129.37	486.24
64.00	18.0	151.13	116.05	267.19	133.59	499.30
65.00	18.0	Soil Elevations	Must Extend At or Below Contribution Zone			
66.00	18.0	Soil Elevations	Must Extend At or Below Contribution Zone			
67.00	18.0	Soil Elevations	Must Extend At or Below Contribution Zone			
68.00	18.0	Soil Elevations	Must Extend At or Below Contribution Zone			
69.00	18.0	Soil Elevations	Must Extend At or Below Contribution Zone			
70.00	18.0	Soil Elevations	Must Extend At or Below Contribution Zone			

NOTES

1. MOBILIZED END BEARING IS 1/3 OF THE ORIGINAL RB-121 VALUES.
2. DAVISSON PILE CAPACITY IS AN ESTIMATE BASED ON FAILURE CRITERIA, AND EQUALS ULTIMATE SIDE FRICTION PLUS MOBILIZED END BEARING.
3. ALLOWABLE PILE CAPACITY IS 1/2 THE DAVISSON PILE CAPACITY.
4. ULTIMATE PILE CAPACITY IS ULTIMATE SIDE FRICTION PLUS 3 x THE MOBILIZED END BEARING.
EXCEPTION: FOR H-PILES TIPPED IN SAND OR LIMESTONE, THE ULTIMATE PILE CAPACITY IS ULTIMATE SIDE FRICTION PLUS 2 x THE MOBILIZED END BEARING.



General Information:

Input file: G:\Design Build\Tom King Bayou\FB Deep\B-3.in
 Project number:
 Job name: TOM KING BAYOU PED BRIDGE
 Engineer: LL
 Units: English

Analysis Information:

Analysis Type: SPT

Soil Information:

Boring date: 9/24/19, Boring Number: B-3
 Station number: 30.44610N, -86.93634W Offset:

Ground Elevation: 3.000(ft)

Hammer type: Automatic Hammer, Correction factor = 1.24

ID	Depth (ft)	No. of Blows (Blows/ft)	Soil Type
1	0.00	0.00	5- Cavity layer
2	2.00	2.00	3- Clean sand
3	3.50	3.00	3- Clean sand
4	5.00	2.00	3- Clean sand
5	6.50	1.00	3- Clean sand
6	8.00	1.00	3- Clean sand
7	9.50	1.00	3- Clean sand
8	14.50	3.00	3- Clean sand
9	19.50	25.00	3- Clean sand
10	24.50	16.00	3- Clean sand
11	29.50	7.00	3- Clean sand
12	34.50	9.00	3- Clean sand
13	39.50	38.00	3- Clean sand
14	44.50	41.00	3- Clean sand
15	49.50	29.00	3- Clean sand
16	54.50	21.00	3- Clean sand
17	59.50	50.00	3- Clean sand
18	64.50	56.00	3- Clean sand
19	69.50	76.00	3- Clean sand
20	70.00	0.00	5- Cavity layer

Blowcount Average Per Soil Layer

Layer Num.	Starting Elevation (ft)	Bottom Elevation (ft)	Thickness (ft)	Average Blowcount (Blows/ft)	Soil Type
1	3.00	1.00	2.00	0.00	5-Void
2	1.00	-67.00	68.00	22.52	3-Clean sand
3	-67.00	-67.00	0.00	0.00	5-

Driven Pile Data:

=====
 Pile unit weight = 150.00(pcf), Section Type: Square

Pile Geometry:

width (in)	Length (ft)	Tip Elev. (ft)
18.00	5.00	-2.00
18.00	6.00	-3.00
18.00	7.00	-4.00
18.00	8.00	-5.00
18.00	9.00	-6.00
18.00	10.00	-7.00
18.00	11.00	-8.00
18.00	12.00	-9.00
18.00	13.00	-10.00
18.00	14.00	-11.00
18.00	15.00	-12.00
18.00	16.00	-13.00
18.00	17.00	-14.00
18.00	18.00	-15.00
18.00	19.00	-16.00
18.00	20.00	-17.00
18.00	21.00	-18.00
18.00	22.00	-19.00
18.00	23.00	-20.00
18.00	24.00	-21.00
18.00	25.00	-22.00
18.00	26.00	-23.00
18.00	27.00	-24.00
18.00	28.00	-25.00
18.00	29.00	-26.00
18.00	30.00	-27.00
18.00	31.00	-28.00
18.00	32.00	-29.00
18.00	33.00	-30.00
18.00	34.00	-31.00
18.00	35.00	-32.00
18.00	36.00	-33.00
18.00	37.00	-34.00
18.00	38.00	-35.00
18.00	39.00	-36.00
18.00	40.00	-37.00
18.00	41.00	-38.00
18.00	42.00	-39.00
18.00	43.00	-40.00
18.00	44.00	-41.00
18.00	45.00	-42.00
18.00	46.00	-43.00
18.00	47.00	-44.00
18.00	48.00	-45.00
18.00	49.00	-46.00
18.00	50.00	-47.00
18.00	51.00	-48.00
18.00	52.00	-49.00
18.00	53.00	-50.00
18.00	54.00	-51.00
18.00	55.00	-52.00
18.00	56.00	-53.00
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18.00	59.00	-56.00
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18.00	61.00	-58.00

18.00	62.00	-59.00
18.00	63.00	-60.00
18.00	64.00	-61.00
18.00	65.00	-62.00
18.00	66.00	-63.00
18.00	67.00	-64.00
18.00	68.00	-65.00
18.00	69.00	-66.00
18.00	70.00	-67.00

Driven Pile Capacity:

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Section Type: Square
 Pile width: 18.00 (in)

Test Pile Length (ft)	Pile width (in)	Ultimate Side Friction (tons)	Mobilized End Bearing (tons)	Estimated Davisson Capacity (tons)	Allowable Pile Capacity (tons)	Ultimate Pile Capacity (tons)
5.00	18.0	0.59	1.29	1.88	0.94	4.47
6.00	18.0	0.59	1.30	1.89	0.95	4.49
7.00	18.0	0.53	1.37	1.89	0.95	4.62
8.00	18.0	0.44	1.53	1.97	0.98	5.02
9.00	18.0	0.37	1.81	2.18	1.09	5.81
10.00	18.0	0.31	2.39	2.70	1.35	7.47
11.00	18.0	0.30	3.65	3.95	1.98	11.26
12.00	18.0	0.34	5.81	6.15	3.07	17.77
13.00	18.0	0.43	9.09	9.51	4.76	27.68
14.00	18.0	0.56	13.64	14.20	7.10	41.48
15.00	18.0	0.78	19.17	19.95	9.97	58.28
16.00	18.0	1.26	24.40	25.65	12.83	74.45
17.00	18.0	2.06	29.33	31.39	15.69	90.04
18.00	18.0	3.24	33.73	36.97	18.48	104.42
19.00	18.0	4.85	37.30	42.14	21.07	116.74
20.00	18.0	6.88	39.96	46.84	23.42	126.76
21.00	18.0	8.99	40.16	49.15	24.58	129.47
22.00	18.0	11.08	40.13	51.21	25.60	131.46
23.00	18.0	13.11	39.80	52.91	26.46	132.52
24.00	18.0	15.05	39.18	54.23	27.12	132.60
25.00	18.0	16.88	38.44	55.33	27.66	132.21
26.00	18.0	18.59	38.01	56.60	28.30	132.61
27.00	18.0	20.16	37.84	57.99	29.00	133.67
28.00	18.0	21.57	37.58	59.15	29.58	134.31
29.00	18.0	22.81	37.18	60.00	30.00	134.36
30.00	18.0	23.91	37.02	60.93	30.47	134.98
31.00	18.0	25.01	37.89	62.91	31.45	138.70
32.00	18.0	26.15	39.90	66.05	33.03	145.84
33.00	18.0	27.33	43.61	70.94	35.47	158.15
34.00	18.0	28.55	49.12	77.67	38.84	175.91
35.00	18.0	29.88	55.91	85.79	42.90	197.62
36.00	18.0	31.75	62.33	94.08	47.04	218.74
37.00	18.0	34.25	68.21	102.47	51.23	238.89
38.00	18.0	37.40	73.57	110.96	55.48	258.10
39.00	18.0	41.20	78.39	119.59	59.79	276.37
40.00	18.0	45.60	82.54	128.15	64.07	293.23
41.00	18.0	50.19	86.07	136.26	68.13	308.39
42.00	18.0	54.88	89.01	143.89	71.95	321.90
43.00	18.0	59.69	91.15	150.84	75.42	333.15

B-3.out

44.00	18.0	64.60	92.48	157.07	78.54	342.02
45.00	18.0	69.57	93.09	162.66	81.33	348.85
46.00	18.0	74.35	93.53	167.87	83.94	354.93
47.00	18.0	78.88	93.76	172.64	86.32	360.15
48.00	18.0	83.17	93.28	176.44	88.22	363.00
49.00	18.0	87.20	92.01	179.20	89.60	363.22
50.00	18.0	90.98	90.50	181.47	90.74	362.47
51.00	18.0	94.57	90.03	184.60	92.30	364.66
52.00	18.0	97.99	90.73	188.72	94.36	370.18
53.00	18.0	101.23	93.08	194.32	97.16	380.48
54.00	18.0	104.30	97.17	201.46	100.73	395.80
55.00	18.0	107.28	102.41	209.69	104.84	414.51
56.00	18.0	110.81	106.89	217.70	108.85	431.49
57.00	18.0	115.00	110.48	225.47	112.74	446.42
58.00	18.0	119.85	113.44	233.29	116.64	460.16
59.00	18.0	125.38	115.82	241.20	120.60	472.84
60.00	18.0	131.50	117.74	249.23	124.62	484.71
61.00	18.0	137.72	119.85	257.57	128.78	497.26
62.00	18.0	143.96	122.24	266.20	133.10	510.67
63.00	18.0	150.23	124.84	275.07	137.53	524.75
64.00	18.0	156.51	127.64	284.15	142.08	539.43
65.00	18.0	Soil Elevations	Must Extend At or Below	Contribution Zone		
66.00	18.0	Soil Elevations	Must Extend At or Below	Contribution Zone		
67.00	18.0	Soil Elevations	Must Extend At or Below	Contribution Zone		
68.00	18.0	Soil Elevations	Must Extend At or Below	Contribution Zone		
69.00	18.0	Soil Elevations	Must Extend At or Below	Contribution Zone		
70.00	18.0	Soil Elevations	Must Extend At or Below	Contribution Zone		

NOTES

1. MOBILIZED END BEARING IS 1/3 OF THE ORIGINAL RB-121 VALUES.
2. DAVISSON PILE CAPACITY IS AN ESTIMATE BASED ON FAILURE CRITERIA, AND EQUALS ULTIMATE SIDE FRICTION PLUS MOBILIZED END BEARING.
3. ALLOWABLE PILE CAPACITY IS 1/2 THE DAVISSON PILE CAPACITY.
4. ULTIMATE PILE CAPACITY IS ULTIMATE SIDE FRICTION PLUS 3 x THE MOBILIZED END BEARING.
EXCEPTION: FOR H-PILES TIPPED IN SAND OR LIMESTONE, THE ULTIMATE PILE CAPACITY IS ULTIMATE SIDE FRICTION PLUS 2 x THE MOBILIZED END BEARING.

FB-MULTIPIER SOIL PARAMETERS – 18” PSC Piles
Tom King Bayou Pedestrian Bridge – End Bent 13

Boring B-3

General	Soil Layer	1	2	3	4	5	6	7	8	9	10	
	Top of Soil Layer Elev., ft	GS ¹	-14	-23	-35							
	Bottom of Soil Layer Elev., ft	-14	-23	-35	-67							
	Soil Description	sand	sand	sand	sand							
	Soil Type	cohesionless	cohesionless	cohesionless	cohesionless							
	AVG. SPT N-value, [blows/ft] ²	2	20	8	30							
Soil Parameters	Saturated Unit Weight (γ_{Sat}), pcf	100	110	105	115							
	Moist Unit Weight (γ_{Moist}), pcf	95	105	100	110							
	Effective Unit Weight (γ'), pcf	38	48	43	53							
	Internal Friction Angle (ϕ), degrees	27	33	29	35							
	Undrained Shear Strength (C_u), psf	N/A	N/A	N/A	N/A							
	Subgrade Modulus (k), pci	10	30	20	100							
	ϵ_{50} ³	N/A	N/A	N/A	N/A							
	ϵ_{100} ⁴	N/A	N/A	N/A	N/A							
	Poisson's Ratio (ν)	0.21	0.30	0.24	0.35							
	Shear Modulus (G), ksi	0.39	1.86	1.0	2.46							
	Ultimate Skin Friction (τ_f), psf	75	760	304	1140							
Ultimate End Bearing (q), ksi	0.1	0.9	0.4	1.3								
Soil Model	Lateral	Sand (Reese)	Sand (Reese)	Sand (Reese)	Sand (Reese)							
	Axial	Driven Pile	Driven Pile	Driven Pile	Driven Pile							
	Torsional	Hyperbolic	Hyperbolic	Hyperbolic	Hyperbolic							
	Tip	Driven Pile	Driven Pile	Driven Pile	Driven Pile							

¹ GS - Ground Surface Elevation (approximately +3 feet)

² N-value corrected for automatic hammer

³ E_{50} denotes strain at 50%

⁴ E_{100} denotes strain at 100%

FB-MULTIPLIER SOIL PARAMETERS – 18” PSC Piles

Tom King Bayou Pedestrian Bridge – End Bent 14

Boring B-2

General	Soil Layer	1	2	3	4	5	6	7	8	9	10	
	Top of Soil Layer Elev., ft	GS ¹	-31									
	Bottom of Soil Layer Elev., ft	-31	-67									
	Soil Description	sand	sand									
	Soil Type	cohesionless	cohesionless									
	AVG. SPT N-value, [blows/ft] ²	3	25									
Soil Parameters	Saturated Unit Weight (γ_{Sat}), pcf	100	115									
	Moist Unit Weight (γ_{Moist}), pcf	95	110									
	Effective Unit Weight (γ'), pcf	38	53									
	Internal Friction Angle (ϕ), degrees	27	34									
	Undrained Shear Strength (C_u), psf	N/A	N/A									
	Subgrade Modulus (k), pci	10	60									
	ϵ_{50} ³	N/A	N/A									
	ϵ_{100} ⁴	N/A	N/A									
	Poisson's Ratio (ν)	0.21	0.32									
	Shear Modulus (G), ksi	0.51	2.17									
	Ultimate Skin Friction (τ_f), psf	114	950									
Ultimate End Bearing (q), ksi	0.1	1.1										
Soil Model	Lateral	Sand (Reese)	Sand (Reese)									
	Axial	Driven Pile	Driven Pile									
	Torsional	Hyperbolic	Hyperbolic									
	Tip	Driven Pile	Driven Pile									

¹ GS -Ground Surface Elevation (approximately +2 feet)

² N-value corrected for automatic hammer

³ ϵ_{50} denotes strain at 50%

⁴ ϵ_{100} denotes strain at 100%

APPENDIX D



Important Information about This

Geotechnical-Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

While you cannot eliminate all such risks, you can manage them. The following information is provided to help.

Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical-engineering study conducted for a civil engineer may not fulfill the needs of a constructor — a construction contractor — or even another civil engineer. Because each geotechnical-engineering study is unique, each geotechnical-engineering report is unique, prepared *solely* for the client. No one except you should rely on this geotechnical-engineering report without first conferring with the geotechnical engineer who prepared it. *And no one — not even you — should apply this report for any purpose or project except the one originally contemplated.*

Read the Full Report

Serious problems have occurred because those relying on a geotechnical-engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

Geotechnical Engineers Base Each Report on a Unique Set of Project-Specific Factors

Geotechnical engineers consider many unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk-management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical-engineering report that was:

- not prepared for you;
- not prepared for your project;
- not prepared for the specific site explored; or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical-engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light-industrial plant to a refrigerated warehouse;
- the elevation, configuration, location, orientation, or weight of the proposed structure;
- the composition of the design team; or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an

assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

Subsurface Conditions Can Change

A geotechnical-engineering report is based on conditions that existed at the time the geotechnical engineer performed the study. *Do not rely on a geotechnical-engineering report whose adequacy may have been affected by:* the passage of time; man-made events, such as construction on or adjacent to the site; or natural events, such as floods, droughts, earthquakes, or groundwater fluctuations. *Contact the geotechnical engineer before applying this report to determine if it is still reliable.* A minor amount of additional testing or analysis could prevent major problems.

Most Geotechnical Findings Are Professional Opinions

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ — sometimes significantly — from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide geotechnical-construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A Report's Recommendations Are Not Final

Do not overrely on the confirmation-dependent recommendations included in your report. *Confirmation-dependent recommendations are not final*, because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations *only* by observing actual subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's confirmation-dependent recommendations if that engineer does not perform the geotechnical-construction observation required to confirm the recommendations' applicability.*

A Geotechnical-Engineering Report Is Subject to Misinterpretation

Other design-team members' misinterpretation of geotechnical-engineering reports has resulted in costly

problems. Confront that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Constructors can also misinterpret a geotechnical-engineering report. Confront that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing geotechnical construction observation.

Do Not Redraw the Engineer's Logs

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical-engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

Give Constructors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can make constructors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give constructors the complete geotechnical-engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise constructors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure constructors have sufficient time to perform additional study.* Only then might you be in a position to give constructors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

Read Responsibility Provisions Closely

Some clients, design professionals, and constructors fail to recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations," many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help

others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

Environmental Concerns Are Not Covered

The equipment, techniques, and personnel used to perform an *environmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical-engineering report does not usually relate any environmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures.* If you have not yet obtained your own environmental information, ask your geotechnical consultant for risk-management guidance. *Do not rely on an environmental report prepared for someone else.*

Obtain Professional Assistance To Deal with Mold

Diverse strategies can be applied during building design, construction, operation, and maintenance to prevent significant amounts of mold from growing on indoor surfaces. To be effective, all such strategies should be devised for the *express purpose* of mold prevention, integrated into a comprehensive plan, and executed with diligent oversight by a professional mold-prevention consultant. Because just a small amount of water or moisture can lead to the development of severe mold infestations, many mold-prevention strategies focus on keeping building surfaces dry. While groundwater, water infiltration, and similar issues may have been addressed as part of the geotechnical-engineering study whose findings are conveyed in this report, the geotechnical engineer in charge of this project is not a mold prevention consultant; *none of the services performed in connection with the geotechnical engineer's study were designed or conducted for the purpose of mold prevention. Proper implementation of the recommendations conveyed in this report will not of itself be sufficient to prevent mold from growing in or on the structure involved.*

Rely, on Your GBC-Member Geotechnical Engineer for Additional Assistance

Membership in the Geotechnical Business Council of the Geoprofessional Business Association exposes geotechnical engineers to a wide array of risk-confrontation techniques that can be of genuine benefit for everyone involved with a construction project. Confer with your GBC-Member geotechnical engineer for more information.



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CONSTRAINTS & RESTRICTIONS

The intent of this document is to bring to your attention the potential concerns and the basic limitations of a typical geotechnical report.

WARRANTY

Universal Engineering Sciences has prepared this report for our client for his exclusive use, in accordance with generally accepted soil and foundation engineering practices, and makes no other warranty either expressed or implied as to the professional advice provided in the report.

UNANTICIPATED SOIL CONDITIONS

The analysis and recommendations submitted in this report are based upon the data obtained from soil borings performed at the locations indicated on the Boring Location Plan. This report does not reflect any variations which may occur between these borings.

The nature and extent of variations between borings may not become known until excavation begins. If variations appear, we may have to re-evaluate our recommendations after performing on-site observations and noting the characteristics of any variations.

CHANGED CONDITIONS

We recommend that the specifications for the project require that the contractor immediately notify Universal Engineering Sciences, as well as the owner, when subsurface conditions are encountered that are different from those present in this report.

No claim by the contractor for any conditions differing from those anticipated in the plans, specifications, and those found in this report, should be allowed unless the contractor notifies the owner and Universal Engineering Sciences of such changed conditions. Further, we recommend that all foundation work and site improvements be observed by a representative of Universal Engineering Sciences to monitor field conditions and changes, to verify design assumptions and to evaluate and recommend any appropriate modifications to this report.

MISINTERPRETATION OF SOIL ENGINEERING REPORT

Universal Engineering Sciences is responsible for the conclusions and opinions contained within this report based upon the data relating only to the specific project and location discussed herein. If the conclusions or recommendations based upon the data presented are made by others, those conclusions or recommendations are not the responsibility of Universal Engineering Sciences.

CHANGED STRUCTURE OR LOCATION

This report was prepared in order to aid in the evaluation of this project and to assist the architect or engineer in the design of this project. If any changes in the design or location of the structure as outlined in this report are planned, or if any structures are included or added that are not discussed in the report, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and the conclusions modified or approved by Universal Engineering Sciences.

USE OF REPORT BY BIDDERS

Bidders who are examining the report prior to submission of a bid are cautioned that this report was prepared as an aid to the designers of the project and it may affect actual construction operations.

Bidders are urged to make their own soil borings, test pits, test caissons or other investigations to determine those conditions that may affect construction operations. Universal Engineering Sciences cannot be responsible for any interpretations made from this report or the attached boring logs with regard to their adequacy in reflecting subsurface conditions which will affect construction operations.

STRATA CHANGES

Strata changes are indicated by a definite line on the boring logs which accompany this report. However, the actual change in the ground may be more gradual. Where changes occur between soil samples, the location of the change must necessarily be estimated using all available information and may not be shown at the exact depth.

OBSERVATIONS DURING DRILLING

Attempts are made to detect and/or identify occurrences during drilling and sampling, such as: water level, boulders, zones of lost circulation, relative ease or resistance to drilling progress, unusual sample recovery, variation of driving resistance, obstructions, etc.; however, lack of mention does not preclude their presence.

WATER LEVELS

Water level readings have been made in the drill holes during drilling and they indicate normally occurring conditions. Water levels may not have been stabilized at the last reading. This data has been reviewed and interpretations made in this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, temperature, tides, and other factors not evident at the time measurements were made and reported. Since the probability of such variations is anticipated, design drawings and specifications should accommodate such possibilities and construction planning should be based upon such assumptions of variations.

LOCATION OF BURIED OBJECTS

All users of this report are cautioned that there was no requirement for Universal Engineering Sciences to attempt to locate any man-made buried objects during the course of this exploration and that no attempt was made by Universal Engineering Sciences to locate any such buried objects. Universal Engineering Sciences cannot be responsible for any buried man-made objects which are subsequently encountered during construction that are not discussed within the text of this report.

TIME

This report reflects the soil conditions at the time of exploration. If the report is not used in a reasonable amount of time, significant changes to the site may occur and additional reviews may be required.



GTR REVIEW CHECKLIST FOR SITE INVESTIGATION

A. Site Investigation Information

Since the most important step in the geotechnical design process is to conduct an adequate site investigation, presentation of the subsurface information in the geotechnical report and on the plans deserves careful attention.

<u>Geotechnical Report Text</u> (Introduction) (Pgs. 10-1 to 10-4)	<u>Yes</u>	<u>No</u>	<u>Unknown or N/A</u>
1. Is the general location of the investigation described and/or a vicinity map included?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is scope and purpose of the investigation summarized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is concise description given of geologic setting and topography of area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are the field explorations and laboratory tests on which the report is based listed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Is the general description of subsurface soil, rock, and groundwater conditions given?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*6. Is the following information included with the geotechnical report (typically included in the report appendices):			
a. Test hole logs? (Pgs. 2-24 to 2-32)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Field test data?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Laboratory test data? (Pgs. 4-22 to 4-23)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Photographs (if pertinent)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
 <u>Plan and Subsurface Profile</u> (Pgs. 2-19, 3-9 to 3-12, 10-13)			
*7. Is a plan and subsurface profile of the investigation site provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are the field explorations located on the plan view?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*A response other than (yes) or (N/A) for any of these checklist questions is cause to contact the appropriate geotechnical engineer for a clarification and/or to discuss the project.

A. <u>Site Investigation Information (Cont.)</u>	<u>Yes</u>	<u>No</u>	<u>Unknown or N/A</u>
*9. Does the conducted site investigation meet minimum criteria outlined in Table 2?	<u>✓</u>	—	—
10. Are the explorations plotted and correctly numbered on the profile at their true elevation and location?	<u>✓</u>	—	—
11. Does the subsurface profile contain a word description and/or graphic depiction of soil and rock types?	<u>✓</u>	—	—
12. Are groundwater levels and date measured shown on the subsurface profile?	<u>✓</u>	—	—
<u>Subsurface Profile or Field Boring Log (Pgs. 2-14, 2-15, 2-24 to 2-31)</u>			
13. Are sample types and depths recorded?	<u>✓</u>	—	—
*14. Are SPT blow count, percent core recovery, and RQD values shown?	<u>✓</u>	—	—
15. If cone penetration tests were made, are plots of cone resistance and friction ratio shown with depth?			<u>✓</u>
<u>Laboratory Test Data (Pgs. 4-6, 4-22, 4-23)</u>			
*16. Were lab soil classification tests such as natural moisture content, gradation, Atterberg limits, performed on selected representative samples to verify field visual soil identification?	<u>✓</u>	—	—
17. Are laboratory test results such as shear strength (Pg. 4-14), consolidation (Pg. 4-9), etc., included and/or summarized?	—	—	<u>✓</u>

*A response other than (yes) or (N/A) for any of these checklist questions is cause to contact the appropriate geotechnical engineer for a clarification and/or to discuss the project.

GTR REVIEW CHECKLIST FOR DRIVEN PILES

G. Structure Foundations – Driven Piles (Pgs. 8-1 to 8-29, 9-1 to 9-35)

In addition to the basic information listed in Section A, if pile support is recommended or given as an alternative, conclusions/recommendations should be provided in the project geotechnical report for the following:

	<u>Yes</u>	<u>No</u>	<u>Unknown or N/A</u>
*1. Is the recommended pile type given (displacement, non-displacement, steel pipe, concrete, H-pile, etc.) with valid reasons given for choice and/or exclusion? (Pgs. 8-1 to 8-3)	✓	—	—
2. Do you consider the recommended pile type(s) to be the most suitable and economical?	✓	—	—
*3. Are estimated pile lengths and estimated tip elevations given for the recommended allowable pile design loads?	✓	—	—
4. Do you consider the recommended design loads to be reasonable?	✓	—	—
5. Has pile group settlement been estimated (only of practical significance for friction pile groups ending in cohesive soil)? (Pgs. 8-20 to 8-22)	✓	—	—
6. If a specified or minimum pile tip elevation is recommended, is a clear reason given for the required tip elevation, such as underlying soft layers, scour, downdrag, piles uneconomically long, etc.?	—	—	✓
*7. Has design analysis (wave equation analysis) verified that the recommended pile section can be driven to the estimated or specified tip elevation without damage (especially applicable where dense gravel-cobble-boulder layers or other obstructions have to be penetrated)?	—	—	✓
8. Where scour piles are required, have pile design and driving criteria been established based on mobilizing the full pile design capacity below the scour zone?	—	—	✓

*A response other than (yes) or (N/A) for any of these checklist questions is cause to contact the appropriate geotechnical engineer for a clarification and/or to discuss the project.

G. <u>Structure Foundations – Driven Piles (Cont.)</u>	<u>Yes</u>	<u>No</u>	<u>Unknown or N/A</u>
9. Where lateral load capacity of large diameter piles is an important design consideration, are p-y curves (load vs. deflection) or soil parameters given in the geotechnical report to allow the structural engineer to evaluate lateral load capacity of all piles?	—	—	<u>✓</u>
*10. For pile supported bridge abutments over soft ground:			
a. Has abutment downdrag load been estimated and solutions such bitumen coating been considered in design? Not generally required if surcharging of the fill is being performed. (Pgs. 8-21, 8-23)	—	—	<u>✓</u>
b. Is bridge approach slab recommended to moderate differential settlement between bridge ends and fill?	—	—	<u>✓</u>
c. If the majority of subsoil settlement will not be removed prior to abutment construction (by surcharging), has estimate been made of abutment rotation that can occur due to lateral squeeze of soil subsoil? (Pgs. 5-25, 5-26)	—	—	<u>✓</u>
d. Does the geotechnical report specifically alert the structural designer to the estimated horizontal abutment movement?	—	—	<u>✓</u>
11. If bridge project is large, has pile load test program been recommended? (Pgs. 9-23 to 9-26)	<u>✓</u>	—	—
12. For major structure in high seismic risk area, has assessment been made of liquefaction potential of foundation soil during design earthquake (only loose saturated sands and silts are susceptible to liquefaction)? (See GEC No. 3, FHWA SA-97-076)	—	—	<u>✓</u>

*A response other than (yes) or (N/A) for any of these checklist questions is cause to contact the appropriate geotechnical engineer for a clarification and/or to discuss the project.

G. Structure Foundations – Driven Piles (Cont.)

<u>Construction Considerations (Pgs. 9-4 to 9-35)</u>	<u>Yes</u>	<u>No</u>	<u>Unknown or N/A</u>
13. Pile driving details such as: boulders or obstructions which may be encountered during driving; need for preaugering, jetting, spudding; need for pile tip reinforcement; driving shoes, etc.?	—	—	<u>✓</u>
14. Excavation requirements: safe slope for open excavations; need for sheeting or shoring; fluctuation of groundwater table?	—	—	<u>✓</u>
15. Have effects of pile driving operation on adjacent structures been evaluated such as protection against damage caused by footing excavation or pile driving vibrations?	<u>✓</u>	—	—
16. Is preconstruction condition survey to be made of adjacent structures to prevent unwarranted damage claims?	—	—	<u>✓</u>
17. On large pile driving projects, have other methods of pile driving control been considered such as dynamic testing or wave equation analysis?	<u>✓</u>	—	—

*A response other than (yes) or (N/A) for any of these checklist questions is cause to contact the appropriate geotechnical engineer for a clarification and/or to discuss the project.

Standard Form of Agreement Between Owner and Contractor
where the basis of payment is a STIPULATED SUM

AGREEMENT made as of the ____ day of _____ in the year Two Thousand and Twenty-One.

BETWEEN the Owner:
(Name, address and other information)

SANTA ROSA COUNTY
6495 Caroline Street, Suite M
Milton, Florida 32570

and the Contractor:
(Name, address and other information)

CONTRACTOR

The Project is:

SAMPLE

TOM KING BAYOU PEDESTRIAN BRIDGE
Santa Rosa County Florida

The Engineer is:
(Name, address and other information)

Rebecca Jones, P.E.
County Engineer

The Owner and Contractor agree as follows.

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than Modifications, appears in Article 8.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work for the following Project listed below and more fully described in the Project Manual which is included in this Contract Document.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

3.1 The date of commencement of the Work shall be the date to be fixed in a notice to proceed issued by the Owner. If, prior to the commencement of the Work, the Owner requires time to file mortgages, mechanic's liens and other security interests, the Owner's time requirement shall be as follows:

3.2 The Contract Time shall be measured from the date of commencement.

3.3 The Contractor shall achieve Substantial Completion of the entire Work for the project not later than 180 calendar days from the date of commencement of the project and Final Completion of the project not later than 180 days from the date of commencement of the project, subject to adjustments of this Contract Time as provided in the Contract Documents. Liquidated damages shall be assessed against the final payment in the amount of \$1,665.00 for each consecutive calendar day the Contractor is late in achieving Substantial Completion and \$1,665.00 for each consecutive calendar day the Contractor is late in achieving Final Completion.

ARTICLE 4 CONTRACT SUM

4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be Five Hundred Sixty-Seven Thousand Five Hundred Twenty-Nine and 80/100 Dollars (\$567,529.80), subject to additions and deductions as provided in the Contract Documents.

4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner: N/A

4.3 Unit prices, if any, are as follows:
As stated in Contractor's Proposals dated August 20, 2019, attached as Exhibit A.

ARTICLE 5 PAYMENTS

5.1 PROGRESS PAYMENTS

5.1.1 Based upon Applications for Payment submitted to the Engineer by the Contractor and Recommendations for Payment from the Engineer, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

5.1.2 The period covered by each Application for Payment shall be one calendar month

ending on the last day of the month.

5.1.3 Provided that an Application for Payment is received by the Engineer not later than the 10th day of a month, the Owner shall make payment to the Contractor not later than the 30th day of the month. If an application for Payment is received by the Engineer after the application date fixed above, payment shall be made by the Owner not later than 30 days after the Engineer receives the Application for Payment.

5.1.4 Each Application for Payment shall be furnished in triplicate and shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Engineer may require. This schedule, unless objected to by the Engineer, shall be used as a basis for reviewing the Contractor's Applications for Payment.

5.1.5 Applications for Payment shall indicate the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

5.1.6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

- .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of ten percent (10%). Pending final determination of cost by the Owner of changes to the Work, amounts not in dispute shall be included as provided in the General Conditions;
- .2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of ten percent (10 %);
- .3 Subtract the aggregate of previous payments made by the Owner; and
- .4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in the General Conditions.

5.1.7 The progress payment amount determined in accordance with Subparagraph 5.1.6 shall be further modified under the following circumstances:

- .1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Engineer shall determine for incomplete Work, retainage applicable to such work and unsettled claims.
- .2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with the General Conditions.

5.1.8 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

5.2 FINAL PAYMENT

5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be

made by the Owner to the Contractor when:

- .1 the Contractor has fully performed the Contract.
- .2 a final Recommendation for Payment has been issued by the Engineer.

5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Engineer's final Recommendation for Payment, or as follows:

ARTICLE 6 TERMINATION FOR DEFAULT

6.1.1 Contractor shall be considered in material default of the agreement and such default shall be considered cause for Owner to terminate the agreement, in whole or in part, as further set forth in this section, if Contractor: (1) fails to begin the work under the Contract Documents within the time specified herein; or (2) fails to properly and timely perform the work as directed by the Owner or as provided for in the approved progress schedule; or (3) performs the work unsuitably or neglects or refuses to remove materials or to correct or replace such work as may be rejected as unacceptable or unsuitable; or (4) discontinues the prosecution of the work; or (5) fails to resume work which has been suspended within a reasonable time after being notified to do so; or (6) becomes insolvent or is declared bankrupt, or commits any act of bankruptcy; or (7) allows any final judgment to stand against it unsatisfied for more than ten (10) days; or (8) makes an assignment for the benefit of creditors; or (9) fails to obey any applicable codes, laws, ordinances, rules or regulations with respect to the work; or (10) materially breaches any other provision of the contract Documents.

6.1.2 Owner shall notify Contractor in writing of Contractor's default(s). If Owner determines that Contractor has not remedied and cured the default(s) within seven (7) calendar days following receipt by Contractor of said written notice, then Owner, at its option, without releasing or waiving its rights and remedies against the Contractor's sureties and without prejudice to any other right or remedy it may be entitled to hereunder or by law, may terminate Contractor's right to proceed under the agreement, in whole or in part, and take possession of all or any portion of the work and any materials, tools, equipment, and appliances of Contractor, take assignments of any of Contractor's subcontracts and purchase orders, and complete all or any portion of Contractor's work by whatever means, method or agency which Owner, at its sole discretion, may choose.

6.1.3 If Owner deems any of the foregoing remedies necessary, Contractor agrees that it shall not be entitled to receive any further payments, hereunder until after the project is completed. All monies expended and all of the costs, losses, damages, and extra expenses (including attorneys' fees) or if such expenditures exceed the unpaid balance of the contract amount, Contractor agrees to pay promptly to Owner on demand the full amount of such excess, including costs of collection, attorneys' fees (including appeals) and interest thereon at the maximum legal rate of interest until paid. If the unpaid balance of the contract amount exceeds all such costs, expenditures and damages incurred by the Owner to complete the work, such excess shall be paid to the contractor. The amount to be paid to the Contractor or Owner, as the case may be, and this obligation for payment shall survive termination of the agreement.

6.1.4 The liability of Contractor hereunder shall extend to and include the full amount of any and all sums paid, expenses, and losses incurred, damages sustained, and obligations assumed by Owner in good faith under the belief that such payments or assumptions were necessary or required, in completing the work and providing labor, materials, equipment, supplies, and other items therefore or re-letting the work, in settlement, discharge, or compromise of any claims, demands, suits, and judgments pertaining to or arising out of

the work hereunder.

6.1.5 If, after notice of termination of Contractor's right to proceed pursuant to this section, it is determined for any reason that Contractor was not in default, or that its default was excusable, or that Owner is not entitled to the remedies against Contractor provided herein, then Contractor's remedies against Owner shall be the same as and limited to those afforded Contractor below under subsection 6.2.1 termination for convenience.

6.2 TERMINATION FOR CONVENIENCE AND RIGHT OF SUSPENSION.

6.2.1 Owner shall have the right to terminate this agreement without cause upon seven (7) calendar days' written notice to Contractor. In the event of such termination for convenience, Contractor's recovery against Owner shall be limited to that portion of the contract amount earned through the date of termination, together with any retainage withheld and reasonable termination expenses incurred, but Contractor shall not be entitled to any other or further recovery against Owner, including, but not limited to damages or any anticipated profit on portions of the work not performed.

6.2.2 Owner shall have the right to suspend all or any portions of the work upon giving Contractor two (2) calendar days' prior written notice of such suspension. If all or any portion of the work is so suspended, Contractor's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in the contract documents. In no event shall the Contractor be entitled to any additional compensation or damages. Provided, however, if the ordered suspension exceeds three (3) months, Contractor shall have the right to terminate the agreement with respect to that portion of the work which is subject to the ordered suspension.

ARTICLE 7 MISCELLANEOUS PROVISIONS

7.1 Where reference is made in this Agreement to a provision of the General Conditions or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

7.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

7.3 The Owner's representative is: Daniel J. Schebler, County Administrator
(Name, address and other information) 6495 Caroline Street, Suite M
Milton, Florida 32570

7.4 The Contractor's representative is:
(Name, address and other information)

7.5 Neither the Owner's nor the Contractor's representative shall be changed without ten days' written notice to the other party.

7.6 Other provisions: Insurance provisions as follows:

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Contractor will provide a copy of their Exemption Certificate and Articles of Incorporation if claiming exception to Workers Compensation requirement. The Division of Workers' Compensation offers an online system for applicants to apply for or renew a Certificate of Election to be Exempt from Florida's Workers' Compensation Law, modify an exemption application, or print their certificate. The website is; wc_exemption@myfloridacfo.com

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage. This shall include coverage for:

- a. Premises/operations
- b. Products/completed operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

1) Prior to execution of a contract or agreement, certificates of insurance will be processed that shall provide for the following:

- a. **Santa Rosa County shall be named as an additional insured on the commercial general liability policy, including products/completed operations coverage.**
 - b. **Santa Rosa County shall be named as an additional insured on the business auto liability policy.**
 - c. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.
- 2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.
- 3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.

In the event of unusual circumstances, the County Administrator or his designee, may adjust these insurance requirements.

7.7 PUBLIC RECORDS:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS (850)983-1925, wandap@santarosa.fl.gov; 6495 Caroline Street, Suite C, Milton, Florida 32570.

(A) The Contractor shall comply with public records laws, specifically to:

- 1. Keep and maintain public records required by the public agency to perform the service.

2. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.

3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.

4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

(B) Request for records; noncompliance.

1. A request to inspect or copy public records relating to a public agency's contract for services must be made directly to the public agency. If the public agency does not possess the requested records, the public agency shall immediately notify the contractor of the request, and the contractor must provide the records to the public agency or allow the records to be inspected or copied within a reasonable time.

2. If a Contractor does not comply with the public agency's request for records, the public agency shall enforce the contract conditions in accordance with the contract.

3. A Contractor who fails to provide the public records to the public agency within a reasonable time may be subject to penalties under s. 119.10.

SAMPLE

ARTICLE 8 ENUMERATION OF CONTRACT DOCUMENTS

8.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated as follows:

8.1.1 The Agreement is this executed 1997 edition of the Standard Form of Agreement Between Owner and Contractor, as modified herein.

8.1.2 The General Conditions are the 1997 edition of the General Conditions of the Contract for Construction, as modified herein.

8.1.3 The Supplementary and other Conditions of the Contract are those contained in the Project Manual dated July 2019, included in these Contract Documents.

8.1.4 The Specifications are those contained in the Project Manual dated July 2019, and are incorporated herein.

8.1.5 The Drawings are included in the Project Manual.

8.1.6 The Addenda are listed as follows: N/A

8.1.7 Other documents, if any, forming part of the Contract Documents are as follows:

Contractor's Proposals dated August 20, 2019, attached as Exhibit A.

This Agreement is entered into as of the day and year first written above and is executed in at least three original copies, of which one is to be delivered to the Contractor, one to the Engineer for use in the administration of the Contract, and the remainder to the Owner.

CONTRACTOR:

WITNESS: _____

Printed Name: _____

Printed name: _____

OWNER: SANTA ROSA COUNTY

ATTEST:

David C. Piech, Chairman

Donald C. Spencer, Clerk of Court

SAMPLE



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

BID SUBMISSION CHECKLIST

ITB # 21-033 – TOM KING BAYOUT PEDESTRIAN BRIDGE

- Sealed Bid Package with Bid Name and Number, Firm name and Address with Contact information clearly marked on the outside of envelope/box.
- 1 Original Bid Package and 3 Copies with 1 Electronic Copy in .pdf on a CD or USB Drive
- Bid Submittal Checklist attached to top of Original Bid Package
- Bid Bond
- Bid Form & Schedule of Values, Unit Pricing (if required)
- Cone of Silence
- Sworn Statement Public Entity Crimes
- Debarment Form
- References Form
- Conflict of Interest Form
- Copy of current Required Insurance declaration page with Santa Rosa County named interest, or, Letter of Insurability from Carrier stating that the levels of coverage will be obtained.
- Contractor's license/Business license
- Addendum (s)
- proof of System for Award Management "active status" (SAM.gov)
- proof of "active status" with the Florida Department of State Division of Corporations (sunbiz.org)

All required documentation submitted must be updated with most current and complete information from date of bid opening) including notarizations where required. Failure to submit all required forms may result in your submittal being deemed non-responsive. **ATTACH THIS PAGE TO THE TOP OF YOUR BID SUBMISSION**

Firm: Superior Construction Company Southeast, LLC

By: Pete Kelley

Signature:  (Print)

Title: Manager

Date: August 25, 2021



SECTION 00130 - BID FORM

TO: Santa Rosa County Procurement Department
6495 Caroline Street, Suite L
Milton, Florida 32570

REFERENCE: ITB 21-033 Tom King Bayou Pedestrian Bridge

Gentlemen: I have received the Bidding Documents consisting of Drawings and Specifications (Project Manual) entitled Tom King Bayou Pedestrian Bridge, prepared by Santa Rosa County Engineering, 6051 Old Bagdad Highway, Suite 300, Milton, Florida 32570, (850) 981-7100.

I have also received Addenda Numbers (6) Six and have included their provisions in my Bid. I have examined both the Bidding Documents and the site and submit the following Bid:

In submitting the Bid, I agree:

1. To hold my bid in full force and effect for a period of sixty (60) calendar days after the time of the opening of this bid.
2. To accept the provisions of the Instructions to Bidders regarding disposition of Bid Guarantee.
3. To enter into and execute a Contract within thirty (30) calendar days after said Contract is delivered to me, if awarded on the basis of this Bid.
4. To accomplish the work in accordance with the Contract Documents
5. To commence work under this Contract within 10 days of receipt of the written "Notice to Proceed" by the Engineer (or date specified on NTP) and to complete project within One Hundred-Eighty (180) days thereafter.
6. To pay as liquidated damages, the sum established in the Liquidated Damages Schedule (Technical Specification Section 1) for each consecutive calendar day after completion date, as called for in the Contract Agreement as modified.
7. To submit a Quality Control Plan to the Project Engineer for review and approval prior to starting construction. The Q.C. plan shall be in accordance with the July 2020 edition of FDOT Specifications.

I will construct this project for the lump sum price of:

Base Bid: One Million Four Hundred Fifty-Six Thousand One Hundred Seventy-Seven Dollars and 90/100- (\$ 1,456,177.90)

Base Option 1: Six Thousand Four Hundred Thirty-Two Dollars and 00/100- (\$ 6,432.00)

Base Option 2: One Hundred Fifty-Eight Thousand Four Hundred Fifty Dollars and 22/100 (\$ 158,450.22)

Base Option 3: Fifteen Thousand Seven Hundred Twenty-Six Dollars and 69/100- (\$ 15,726.69)

Unit prices are attached for informational purposes. Change orders and progress payments will be based on unit prices provided. The bid will be awarded by basis on the lump sum number written above. This will not be an Owner Force Account contract. Progress payments will be based on the work completed and/or materials stored.

NOTE: Please return this bid form to the above address. NO OTHER BID FORM WILL BE ACCEPTED.

FIRM: Superior Construction Company Southeast, LLC

BY: 

Date: August 25, 2021

TITLE: Manager

END OF SECTION 00130

Tom King Pedestrian Bridge
 FPID: 440741-1
 Schedule of Unit Prices
 Page 1 of 1

Unit prices are attached for informational purposes. Change orders and progress payments will be based on unit prices provided. Quantities are engineer's estimate and are to be used as a guide. All quantities are in-place measure. Contractor should make their own adjustments to price to include labor, transportation, compaction, etc. Schedule of unit prices to be turned in with Bid Package.

No.	Item	Unit	Quantity	Addendum #2	Addendum #6	Unit Price	Extension
1	MOBILIZATION (440741-1) (5%)	LS	1			\$72,500.00	\$72,500.00
2	MAINTENANCE OF TRAFFIC (440741-1) (120 Days) (5%)	LS	1			\$72,500.00	\$72,500.00
3	WORK ZONE SIGN	ED	1680			\$0.75	\$1,260.00
4	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	3600			\$0.35	\$1,260.00
5	SEDIMENT BARRIER	LF	85			\$8.00	\$680.00
6	STAKED TURBIDITY BARRIER-NYL REINF PVC	LF	64			\$20.00	\$1280.00
7	CLEARING & GRUBBING (440741-1)	AC	0.388			\$80,150.00	\$31,098.20
8	REGULAR EXCAVATION	CY	15			\$62.50	\$937.50
9	BORROW EXCAVATION, TRUCK MEASURE	CY	659.8			\$31.50	\$20,783.70
10	OPTIONAL BASE GROUP 04	SY	79			\$76.50	\$6,043.50
11	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	4.3			\$415.00	\$1,784.50
12	CONC CLASS NS, GRAVITY WALL	CY	10.5			\$910.00	\$9,555.00
13	CLASS IV CONCRETE (SUBSTRUCTURE)	CY	15	---	13.8	\$1,950.00	\$26,910.00
14	REINFORCING STEEL (SUBSTRUCTURE)	LB	2508	---	2434	\$2.50	\$6,085.00
15	PIPE CULV, OPT MATL, ROUND, 18"SD	LF	20			\$100.00	\$2,000.00
16	PIPE CULV, OPT MATL, OTHER, 24"S/CD	LF	421			\$105.00	\$44,205.00
17	MITERED END SECT, OPT-OTHER, 24" CD	EA	2			\$2,500.00	\$5,000.00
18	MITERED END SECT, OPT-RD, 18" SD	EA	2			\$2,000.00	\$4,000.00
19	PRESTRESSED CONCRETE PILING (18" SQ)	LF	62	224		\$500.00	\$112,000.00
20	TEST PILES (18" SQ)	LF	92	0			
21	PREFABRICATED STEEL PEDESTRIAN BRIDGE	SF	1200			\$280.00	\$336,000.00
22	TREATED STRUCTURAL TIMBER	MB	42.5	53.4	47.10	\$12,630.00	\$594,873.00
23	BOLLARDS	EA	4			\$2,050.00	\$8,200.00
24	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	378			\$56.00	\$21,168.00
25	RIPRAP, RUBBLE, BANK AND SHORE	TN	366.5			\$105.00	\$38,482.50
26	BEDDING STONE	TN	130.5			\$140.00	\$18,270.00
27	PERFORMANCE TURF, SOD	SY	1444			\$8.00	\$11,552.00
28	SINGLE POST SIGN, F&I GM, <12 SF	AS	2			\$500.00	\$1,000.00
29	INITIAL CONTINGENCY	LS	1	0			
30	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 1	LF	---	45		\$150.00	\$6,750.00
TOTAL BASE BID=						\$1,456,177.90	

BID OPTION 1

1	PREFABRICATED STEEL PEDESTRIAN BRIDGE	SF	1,200.00			\$5.36	\$6,432.00
BID OPTION 1 TOTAL =						\$6,432.00	

BID OPTION 2

1	TREATED STRUCTURAL TIMBER	MB	8.90		-9.80	\$3,522.92	(\$34,524.62)
2	TREATED STRUCTURAL TIMBER (STRUCTURAL PLASTIC)	MB	8.90		9.80	\$19,691.31	\$192,974.84
BID OPTION 2 TOTAL =						\$158,450.22	

BID OPTION 3

1	TREATED STRUCTURAL TIMBER	MB	42.50	53.40	47.10	\$3,339.02	(\$157,267.84)
2	TREATED STRUCTURAL TIMBER (MARINE GRADE TIMBER)	MB	42.50	53.40	47.10	\$3,672.92	\$172,994.53
BID OPTION 3 TOTAL =						\$15,726.69	

CONE OF SILENCE


The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the bidder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub-consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after bids are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I,  representing Superior Construction Company Southeast, LLC
Signature **Company**

On this 25th day of August 2021 2020 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.

SWORN STATEMENT UNDER SECTION 287.133 (3) (A),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
Board of County Commissioners Santa Rosa County by _____
(print individual's name and title)
Pete Kelley, Manager for _____
(print name of entity submitting sworn statement)
Superior Construction Company Southeast, LLC whose
business address is 7072 Business Park Blvd N., Jacksonville, FL 32256
Employer Identification Number (FEIN) is 26-3552913 and (if applicable) its Federal
Social Security Number of the individual signing this Sworn Statement: _____ If the entity has no FEIN, include the

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of public entity crime.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with legal power to enter into a binding contract and which bids or appeals to bid on contracts for the provision of goods and services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies.)
 Neither the entity submitting this sworn statement, nor one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
_____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
_____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officers determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (ATTACH A COPY OF THE FINAL ORDER.)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Catherine Hanna Jackson (Signature)

Sworn to and subscribed before me this 25th day of August, 2021

Personally known

Catherine Hanna Jackson

or Produced identification _____

Notary Public - State of Florida

(Type of identification)

My commission expires July 17, 2022

Catherine Hanna Jackson

(Printed, typed, or stamped commissioned name of notary public.)





SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

DEBARMENT FORM

SRC Procurement Form Debar 022_00_082719

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or Local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name: Pete Kelley Title: Manager

Signature: 

Firm: Superior Construction Company Southeast, LLC

Street Address: 7072 Business Park Blvd N

City: Jacksonville

State: Florida Zip Code: 32256

Solicitation Name Tom King Bayou Pedestrian Bridge # XX-XXX 21-033



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

REFERENCES FORM

SRC Procurement Form Memo 024_00_082719

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME Superior Construction Company Southeast, LLC
PROPOSAL POINT OF CONTACT Bhavin Naik PHONE 904.292.4240
EMAIL see@superiorconstruction.com

REFERENCE I.

PROJECT NAME: SR 30 at SR 368(23rd St) Intersection
AGENCY: Florida Department of Transportation
ADDRESS: 605 Suwannee Street
CITY, STATE, ZIP CODE: Tallahassee, FL 32399
CONTACT PERSON: Billy Robinson
TITLE: Project Manager D3
EMAIL: billy.robinson@dot.state.fl.us
TELEPHONE: 850.703.3805
PROJECT COST: Final \$72,643,510
COMPLETION DATE: March 2021

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

The improvements under this contract consist of reconstruction of the intersection, of SR 30 and SR 368 from an at grade intersection to A grade seperated intersection. Improvements will include construction of bridges, walls, roadways, stormdrain improvements, stormwater pond, signing and pavement markings, signalization, intelligent transortation systems, lighting and minor sideroad improvements

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Evan Lawrence - Division Manager/Project Manager
Alex Arabie - Superintendent



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

REFERENCE II.

PROJECT NAME: SR 388 From 79 to E of Northwest Florida Beached International Airport
AGENCY: Florida Department of Transportation D3
ADDRESS: 605 Suwannee Street
CITY, STATE, ZIP CODE: Tallahassee, FL 32399
CONTACT PERSON: Billy Robinson
TITLE: Project Manager
EMAIL: billy.robinson@dot.state.fl.us
TELEPHONE: 850.836.713
PROJECT COST: \$51,386,516
COMPLETION DATE: July 2023

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

The improvements of SR 388 including adding lanes, milling and resurfacing, earthwork, base work, drainage work and existing utility removal. This project includes signing and pavement markings, signalization, lighting and landscape. The project also includes construction of new bridge numbers 460145 and 460146 which includes substructure, superstructure, test piles, approach slabs, riprap and bedding stone.

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Evan Lawrence - Division Manager/Project Manager
Alex Arabie - Superintendent
Dillon Kost - Assistant Project Manager

REFERENCE III.

PROJECT NAME: SR 97 Over Sandy Hollow Creek 17308
AGENCY: FDOT D3
ADDRESS: 605 Suwannee Street
CITY, STATE, ZIP CODE: Tallahassee, FL 32399
CONTACT PERSON: David Nixon
TITLE: Project Manager
EMAIL: david.nixon@dot.state.fl.us
TELEPHONE: 850.490.1588
PROJECT COST: \$5,214,960
COMPLETION DATE: February 2019

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

The improvements consist of bridge replacement, widening, milling and resurfacing, drainage improvements signing and pavement markings, guardrail and other incidental construction on SR 97

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Evan Lawrence - Division Manager/Project Manager
Alex Arabie - Superintendent
Dillon Kost - Assistant Project Manager



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

CONFLICT OF INTEREST DISCLOSURE FORM

SRC Procurement Form COS 027_00_091319

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected official(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: X

Name(s)

Position(s)

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: Superior Construction Company Southeast, LLC

BY (PRINTED): Pete Kelley

BY (SIGNATURE): 

TITLE: Manager

ADDRESS: 7072 Business Park Blvd N., Jacksonville State FL Zip Code 32256

PHONE NO: 904.292.4240

E-MAIL: see@superiorconstruction.com

Date: August 25, 2021



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

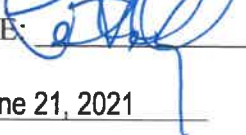
ADDENDUM FORM

To: Planholders
From: Procurement Office
Date: June 21, 2021
Ref: Addendum #1 for ITB 21-033 Tom King Bayou Pedestrian Bridge

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

1. The bid deadline for this solicitation has been extended until **Tuesday, July 13, 2021, at 10:15 a.m.**
2. Addendum#2 to follow.

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Pete Kelley, Manager SIGNATURE: 

COMPANY: Superior Construction Company Southeast, LLC DATE: June 21, 2021

End of Addendum #1



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

To: Planholders
From: Procurement Office
Date: June 25, 2021
Ref: Addendum #2 for ITB 21-033 Tom King Bayou Pedestrian Bridge

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

QUESTIONS AND ANSWERS:

SOME ERRORS WERE FOUND ON THE BID TAB, PLEASE SEE THE REVISED BID TAB INCLUDED IN ADDENDUM #2.

1. Will the County consider allowing a General Contractor to bid the project?
 - a. I have successfully completed projects with similar scope and LAP funding. With this being a pedestrian bridge a GC should be allowed to bid.
No, the contractor must have the FDOT certifications as noted in the advertisement.
2. Is it possible to move the bid date or time to the afternoon or middle of the week?
 - a. Monday morning bids will not get the best prices from suppliers and subcontractors.
Please see Addendum #1
3. Will we be allowed to work from the bridge with a crane?
No, the County will not allow a crane to be placed on the existing bridge.
4. Is the bridge designed to handle the load of a crane?
The existing bridge was not checked for crane loading. During the design process we do not know which equipment the contractor will be using.
5. Can the road be closed during the pile driving and bridge installation portion of the project?
No, the construction for the bridge assumed two cranes on each shoreline close to the water. Lane Closures will be allowed with proper MOT plan.
6. I need a section of the bridge showing the railing and decking.
The minimum clear width required is 12 feet. The specific typical section will vary slightly depending on the prefabricator chosen by the contractor. The railing and decking requirements are dictated in the Prefabricated Steel Truss Note 3 on sheet B1-1.
7. Bid form, Item 29: INITIAL CONTINGENCY. What is that?



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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The initial contingency will be removed from the bid tab.

8. Decking, ¼” gap. If we initially place 25% moisture 2x6 with zero gap, it will shrink to a larger gap than that. Please advise.
The moisture content is related to Bid Option 3 for marine lumber and is indicated as a maximum moisture content.
9. Describe the bollards placed at each approach the elevated timber.
The intent of the bollards is to block vehicular, golf cart, or any other motorized vehicle. The contractor shall provide options to the county for approval.
10. Confirm: all fasteners for standard treated to be galvanized, all fasteners for marine treated to be SS.
See Boardwalk notes 3 on B1-1 for fastener requirements.
11. What would fasteners be for structural plastic?
See Boardwalk notes 3 on B1-1 for fastener requirements. Materials are the same.
12. Can we remove short traffic railing beside road at approach?
The County will allow the traffic railing (guardrail) to be removed. It must be reinstalled at the contractor's expense. In addition, the contractor will need temporary barrier in its place.
13. We would require a road closure to set the bridge, okay?
No, the construction for the bridge assumed two cranes on each shoreline close to the water. Lane Closures will be allowed with proper MOT plan.
14. We would require an almost constant lane closure for the duration of the project, okay?
The construction for the bridge assumed two cranes on each shoreline close to the water. Lane closures will be allowed with proper MOT plan.
15. Are there weight restrictions on the existing adjacent road bridge?
The current inspection information does not indicate a weight restriction. The County does not have a load rating on the existing bridge. The County will not allow a crane to be placed on the existing bridge.
16. In which line item should bicycle railing be included?
Added Pay Item 515-2-311 -PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 1, Quantity is 45 LF
17. Page B1-2, Bid notes, bid option 2: Shouldn't that also include the 2x2 vertical pickets?
Our standard practice is to only have the members in the referenced note structural plastic and the remaining members timber. This is also how it was quantified.



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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18. Page B1-2 Pay item notes, Item 2: Pedestrian Bridge- this line item includes concrete deck. Do you want a concrete deck? Or a wood deck as stated in B1-1? Both? We really need a detail for that.
The intent is for the decking material and railing used on the boardwalk to be carried across the prefabricated steel truss. See Prefabricated Steel Truss Note 3 on sheet B1-1.
19. Regarding FDOT Pre-qualification: We are approved in the minor bridge work class (along with many other work classes) but are not specifically approved in the sidewalk class. May we bid as prime under our minor bridge work class approval?
Yes, but you must have a sub-contractor with the sidewalk FDOT pre-qualification on your team.
20. Regarding MOT: can the road be closed? If so, for what period of time and with what restrictions?
No, the construction for the bridge assumed two cranes on each shoreline close to the water. Lane Closures will be allowed with proper MOT plan.
21. Regarding MOT: define the restrictions and parameters for lane closures.
Lane Closures are prohibited between the hours of 6:00 AM and 8:30 AM or 2:00 PM and 4:30 PM Monday through Friday while school is in session.
22. Contract time: currently, there is extended lead time issues on some of the materials. Please consider adding additional contract time (90 days would be great).
Additional contract can be negotiated during contract negotiates with documented material time delays.
23. Lay down: is the County offering a laydown area close to the project?
The contractor may use the right-of-way for staging and there is an County owned parcel at the Corner or Edgewood Drive and East Bay Blvd that the contractor will be allowed to use for additional staging. The contractor may need to share this area with another contractor for another ongoing County project.
24. Do Davis-Bacon wage rates apply to this project?
Yes
25. Please consider extending the bid date past the July 4 holiday week.
See Addendum #1



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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26. Could you be specific as to what treatment levels you want for non-structural lumber on the base bid? 955 seems to only deal with structural members.
Refer to Boardwalk Notes, Note 2. All members are to be treated per Specification Section 955.
27. The cost of the structural plastic lumber varies with color, darkest being cheapest. Do you have some feel for what color you want?
The structural plastic shall be in accordance with Federal Standard No. 595, color code 24201. A color sample shall be submitted to the County for approval prior to purchase.
28. Sheet 4, Temporary Traffic Control Notes: speed limit of 45 MPH to be maintained: I don't see that being possible during several stages of the job. There will be significant periods of 603 and at least one road closure.
You may request a reduced speed limit in the construction zone as part of your MOT plan.
29. Does the County have property anywhere nearby to use as staging?
The contractor may use the right-of-way for staging and there is an County owned parcel at the Corner of Edgewood Drive and East Bay Blvd that the contractor will be allowed to use for additional staging. The contractor may need to share this area with another contractor for another ongoing County project.
30. What will be the compaction spec for the 19x30 pipe.
Compaction information is included in FDOT spec 125 Excavation for Structures and Pipe.
31. In what pay item should the railings at the gravity wall be included?
515-2-311 -PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 1, Quantity is 45 LF.
32. In what pay item should the plastic lumber alternate for the bridge deck and railings be included?
All lumber pay items are 470-1. Designate plastic lumber as Bid Option 2.
33. The pay item quantity for the plastic lumber is significantly off, especially considering the waste factor forced on us by a 12'-3 width. Should we just ignore it and insert the values we think appropriate?
The quantity calculations did not include a waste factor but rather the finished product. If waste is anticipated, it should be built into the price.



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Pete Kelley, Manager
Superior Construction Company
COMPANY: Southeast, LLC

SIGNATURE: _____

A handwritten signature in blue ink, appearing to be "Pete Kelley", is written over a horizontal line.

DATE: June 25, 2021

See Attached Revised Bid Form



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

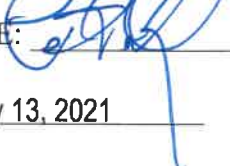
To: Planholders
From: Procurement Office
Date: July 13, 2021
Ref: Addendum #3 for ITB 21-033 Tom King Bayou Pedestrian Bridge

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

QUESTIONS AND ANSWERS:

1. Bid Deadline Date Will Be Extended Until WEDNESDAY, August 3, 2021 @ 10:00 A.M.
2. Question will be extended until July 27, 2021 at 12:00 p.m.

This Addendum is furnished to all known prospective Proposers. Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.

NAME/TITLE: Pete Kelley, Manager SIGNATURE: 

COMPANY: Superior Construction Company Southeast, LLC DATE: July 13, 2021

End of Addendum #3



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

To: Planholders
From: Procurement Office
Date: July 22, 2021
Ref: Addendum #4 for **ITB 21-033 Tom King Bayou Pedestrian Bridge**

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

QUESTIONS AND ANSWERS:

****Correction** (from Addendum #3) the bid deadline for this project has been extended until **TUESDAY**, August 3, 2021 @ 10:00 a.m.

1. Can you also clarify the end project limit, is it the old 5-point intersection or does it extend north to include the new Berryhill intersection? **The north limit is intended to include the existing Berryhill Road intersection at Chumuckla. However, if a task order is issued for intersection improvements of the Five Points Intersection, the County would reserve the right to extend the limits based any future design of the intersection.**
2. Are 11x17 pages allowed in the technical proposal and if so, do they count as 1 page or 2 pages? **11x17 is allowed provided the pages are bounded in the submitted. 11x17 is allowed provided the pages are bounded in the submitted. Each 11x17 page will be counted as 1-page.**
3. Note on page BI 19: "The bottom of the unsuitable material is elev. -12.00". What is the reference point? Is that 12.0' below sea level or 12.0 below ground level at that point? **ACP Response/Note: EL -12.00 based on NAVD 88 Datum. Survey benchmark information will be provided in an upcoming plan revision.**
4. If any new wood pilings are within 4' of an existing utility, we would jet the piling until it is below the elevation of the utility. Is that acceptable? **The county is working on a response. Additional information will be forthcoming.**



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT


6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

5. In our opinion, the risk of damage to utilities from pile driving is unacceptable given the current layout especially given the 20' depth of the 18'' main and 30'+ embed depth of the piles and the <1' separation shown on the plans at several locations. I am informed that relocation of the utilities will not be considered. Do you have any suggestions or methodologies? How is this to be solved? A design giving more latitude to pile location along with the ability to jet the pile to the utility elevation? **The County is currently evaluating an alternate cap design allowing for an inset pile/cantilever cap to provide additional clearance to the utilities. A plan revision will be forthcoming.**

6. We believe that the bridge could be delivered, assembled, and erected in the context of a 1-night road closure. There are some significant consequences to rejecting that one-time-overnight closure. If we cannot use the road to locate the lifting crane, then the crane must be located off the road, on a prepared pad, with another prepared pad behind it as a bridge assembly area. Both the crane and bridge assembly areas will then be located where the elevated walkway will eventually be. The bridge delivery will occur at approx. week 20 and only after that is concluded and the pads removed can the walkway construction and sidewalk on that side be started. **The County is revising our previous restrictions on closing the road. The County will allow temporary short road closures 24-48 hours max per instance. The County will work with the selected contractor for any requested closures.**

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Pete Kelley, Manager
Superior Construction Company
COMPANY: Southeast, LLC

SIGNATURE: 
DATE: July 22, 2021

End of Addendum #4



**SANTA ROSA COUNTY
PROCUREMENT DEPARTMENT**

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov


ADDENDUM FORM

To: Planholders
From: Procurement Office
Date: August 2, 2021
Ref: Addendum #5 for **ITB 21-033 Tom King Bayou Pedestrian Bridge**

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.
QUESTIONS AND **ANSWERS:**

1. Bid Deadline for this project has been extended until August 25, 2021 @ 10:00 a.m.
2. Addendum #6 to follow with a plan revision.

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Pete Kelley SIGNATURE: 
COMPANY: Superior Construction Company
Southeast, LLC DATE: August 2, 2021

End of Addendum #5



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

To: Planholders
From: Procurement Office
Date: August 6, 2021
Ref: Addendum #6 for **ITB 21-033 Tom King Bayou Pedestrian Bridge**

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

QUESTIONS AND ANSWERS:

Documents included in Addendum #6:

Revised Plans and Revised Geotechnical Report: (click link) [21-033 Tom King Bayou Pedestrian Bridge Improvements](#)

Revised Bid Tab (2nd Revision) (Attached)

1. Note on page BI 19: "The bottom of the unsuitable material is elev. -12.00". What is the reference point? Is that 12.0' below sea level or 12.0 below ground level at that point?

Response: EL -12.00 based on NAVD 88 Datum. Survey benchmark was added to Sheet 6 in the revised plans.

2. If any new wood pilings are within 4' of an existing utility, we would jet the piling until it is below the elevation of the utility. Is that acceptable?

Response: Any proposed jetting requires approval by the Engineer prior to installation of the timber posts. Jetting of piles near utility locations will be permitted to the depth of the bottom of the adjacent utility. However, a distance of two times the pile diameter must be maintained. In addition, the pile must be driven additional depth equal to the depth of jetting unless otherwise directed by the Engineer.

3. In our opinion, the risk of damage to utilities from pile driving is unacceptable given the current layout especially given the 20' depth of the 18'' main and 30'+ embed depth of the piles and the <1' separation shown on the plans at several locations. I am informed that relocation of the utilities will not be considered. Do you have any suggestions or methodologies? How is this to be solved? A design giving more latitude to pile location along with the ability to jet the pile to the utility elevation?



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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Response: Please see the revised plans and updated geotechnical report for an alternate cap design allowing for an inset pile/cantilever cap to provide additional clearance to the utilities.

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Pete Kelley SIGNATURE: 
Superior Construction Company
COMPANY: Southeast, LLC DATE: 8/6/2021

See Attached

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LAP CERTIFICATION OF CURRENT CAPACITY

CONFIDENTIAL per Ch 337.14(1) F.S.

For bids to be received on August 25, 2021
(Letting Date)

Fill in your FDOT Vendor Number

VF 2 6 3 5 5 2 9 1 3 0 0 1

(Only applicable to FDOT pre-qualified contractors)

CERTIFICATE

I hereby certify that the amount of any proposal submitted by this bidder for the above letting does not exceed the amount of the Firm's CURRENT CAPACITY (maximum capacity rating less total uncompleted work).

The total uncompleted work as shown on
the "Status of Contracts on Hand" report (page 2) \$ 232,122,400.00

I further certify that the "Status of Contracts on Hand" report (page 2) was prepared as follows:

1. If the letting is before the 25th day of the month, the certificate and report reflect the uncompleted work as of the 15th day of the month, last preceding the month of the letting.
2. If the letting is after the 25th day of the month, the certificate and report reflects the uncompleted work in progress as of the 15th day of the month of the letting.
3. All new contracts (and subcontracts) awarded earlier than five days before the letting date are included in the report and charged against our total rating.

I certify that the information above is correct.

Sworn to and subscribed this 25th day
of August, 2021

Superior Construction Company Southeast, LLC

NAME OF FIRM

By:  _____

Manager

Title

STATUS OF CONTRACTS ON HAND						
Give full information about all of your contracts, whether prime or subcontracts; whether in progress or awarded but not yet begun; and regardless of its location and with whom contracted.						
1	2	3	4	5	6	7
CLASSES OF WORK	DOT PROJECTS AND LOCATION OF WORK YOU ARE PERFORMING	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT	UNCOMPLETED AMOUNT TO BE DONE BY APPLICANT AS PRIME CONTRACTOR	UNCOMPLETED AMOUNT TO BE DONE BY APPLICANT AS SUBCONTRACTOR
Minor bridge, intermediate bridge, Major bridge (segmental), hot plant bit mix, flex paving, drainage, grading, electrical, guardrail, grass, seed, sod, pavement markings, roadway signing, MSE Wall, guardrail, box culverts, bridges, MSE walls.	Wekiva Parkway Section 6 Lake & Seminole Counties, FDOT	\$240,194,600.00	\$107,449,300.00	\$132,745,300.00	\$4,269,600.00	
Milling & resurfacing, base work, shoulder treatment, drainage improvements, signals, signs, lighting, guardrail, utilities, bridge widening, MSE walls	SR 8 (I-10)/SR 200 (US 301) Duval County, FDOT	\$107,307,200.00	\$38,253,700.00	\$69,053,500.00	\$26,316,400.00	
Milling & resurfacing, base work, shoulder treatment, drainage improvements, signals, signs, lighting, guardrail, utilities, bridge widening, MSE walls	I-10 Widening from I-295 to I-95 Duval County, FDOT	\$176,952,200.00	\$82,886,000.00	\$94,066,200.00	\$62,632,600.00	
Intermediate bridge/hot plant bit mix, flex paving, drainage, grading, electrical, guardrail, grass, seed, sod, pavement markings, signing, re wall	SR 388 Bay County, FDOT	\$51,386,500.00	\$22,975,400.00	\$28,411,100.00	\$5,884,300.00	
Minor bridge, asphalt, shoulder treatment, grading, drainage, guardrail, signage, concrete fitwork	SR 105 (A1A) Duval County, FDOT	\$10,966,900.00	\$2,934,600.00	\$8,032,300.00	\$4,228,200.00	
Intermediate bridge, milling & resurfacing, base work, shoulder treatment, drainage improvements, concrete fitwork, signals, signage, guardrail	SR 23 First Coast Expressway Clay County, FL	\$180,888,800.00	\$66,615,300.00	\$114,273,500.00	\$23,784,000.00	
Intermediate bridge, minor bridge/hot plant bit mix, flex paving, drainage, grading, electrical, guardrail, grass, seed, pavement markings, roadway signing, MSE wall, toll plaza	I-4/Direct Connect Ramps Orange County, FDOT	\$81,512,400.00	\$43,483,500.00	\$38,028,900.00	\$3,988,200.00	
Milling & resurfacing, base work, drainage, box culvert, concrete fitwork, lighting, signals, ITS, fencing, grassing, signage, concrete pavement	SR 200 Clay County, FDOT	\$17,677,100.00	\$8,426,800.00	\$9,250,300.00	\$4,380,800.00	
Grading, drainage, asphalt, demo, bridge, MSE wall, concrete fitwork, pavement markings, signs, electrical, lighting, signals	SR 44 over St. Johns River Lake Volusia, FDOT	\$44,908,300.00	\$8,316,500.00	\$36,591,800.00	\$26,142,600.00	
Demo, minor bridge, traffic railing, erosion control, fencing, grassing, pavement markings, lighting	Main Street Ramp Demo Duval County, FDOT	\$584,000.00	\$192,200.00	\$391,800.00	\$308,200.00	
Clear & grub, asphalt & milling, minor bridge, electrical, pavement markings, erosion control, drainage, guardrail, utilities	CR 200A over Lofton Creek Nassau County, FDOT	\$4,221,700.00	\$1,745,000.00	\$2,476,700.00	\$2,476,700.00	
Intermediate bridge, milling & resurfacing, base work, concrete pavement, shoulder treatment, drainage improvements, concrete fitwork, signals, signage, guardrail, utilities.	SR 52 Pasco County, FDOT	\$81,537,200.00	\$48,864,200.00	\$32,673,000.00	\$5,668,500.00	
			DOT WORK	\$565,994,400.00	\$170,080,100.00	\$0.00
				(Col. 5 Subtotal)		
CLASSES OF WORK	OTHER (Non-DOT) PROJECTS, OWNER, AND LOCATION OF WORK YOU ARE PERFORMING	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT		
Minor bridge, intermediate bridge, Major bridge (segmental), hot plant bit mix, flex paving, drainage, grading, electrical, guardrail, grass, seed, sod, pavement markings, roadway signing.	I-20 Over Savannah River Richmond County, GDOT	\$72,286,900.00	\$30,987,900.00	\$41,299,000.00	\$22,616,500.00	
Intermediate bridge, milling & resurfacing, base work, shoulder treatment, drainage improvements, concrete fitwork, signals, signage, guardrail, utilities.	N. Sunlake Blvd. Pasco County, Len-Angeline, LLC	\$35,636,900.00	\$14,255,000.00	\$21,381,900.00	\$21,381,900.00	
Bridge Rehabilitation	5th Street Bridge Rehabilitation, Richmond County, City of Augusta, GA	\$10,495,000.00	\$5,877,600.00	\$4,617,400.00	\$1,211,000.00	
Intermediate bridge, minor bridge/hot plant bit mix, flex paving, drainage, grading, port cement conc pavement, electrical, guardrail, grass, seed, sod, bridge painting, pavement markings, roadway signing, re wall	US 1 Over I-20, Lexington County SCDOT	\$37,771,500.00	\$17,666,300.00	\$20,105,200.00	\$16,832,900.00	
				\$87,403,500.00		
				(Col. 5 Subtotal)	\$62,042,300.00	\$0.00
PLEASE ENTER ATTACHMENT TOTALS ON THIS LINE						
TOTAL UNCOMPLETED WORK ON HAND TO BE DONE BY YOU					\$232,122,400.00	\$0.00
GRAND TOTAL						\$232,122,400.00

**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49CFR, Section 20.100 (b))**

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant: Superior Construction Company Southeast, LLC

By:  Date: August 25, 2021 Authorized Signature

Title: Manager

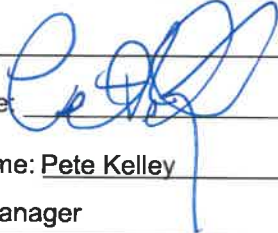
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
PROCUREMENT
02/16

Is this form applicable to your firm?

YES NO

If no, then please complete section 4 below for "Prime"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: <u>Superior Construction Company Southeast, LLC</u> <u>7072 Business Park Blvd N</u> <u>Jacksonville, FL 32256</u> Congressional District, if known: 4c _____	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, if known: _____	
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, if applicable: _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> _____ _____ _____	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature:  Print Name: <u>Pete Kelley</u> Title: <u>Manager</u> Telephone No.: <u>904.292.4240</u> Date (mm/dd/yyyy): <u>08/25/2021</u>	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**NON-COLLUSION DECLARATION AND
COMPLIANCE WITH 49 CFR § 29**

575-060-13
RIGHT OF WAY
05/01
Page 1 of 3

ITEM/SEGMENT NO.: _____

F.A.P. NO.: _____

MANAGING DISTRICT: _____

PARCEL NO.: _____

COUNTY OF: Santa Rosa

BID LETTING OF: August 25, 2021

I, Pete Kelley, hereby declare that I am
(NAME)
Manager of Superior Construction Company Southeast, LLC
(TITLE) (FIRM)
of Jacksonville, Florida
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(l)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS: None

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: (Seal)

BY: Pete Kelley, Manager
NAME AND TITLE PRINTED

BY: 
SIGNATURE

WITNESS: 

WITNESS: 

Executed on this 25th day of August, 2021

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**

REQUIRED CONTRACT PROVISIONS

This certification applies to subcontractors, material suppliers, vendors and other lower tier participants.

- Appendix B of 49 CFR Part 29 -

Appendix B—Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.


Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**
(Compliance with 2 CFR Parts 180 and 1200)

375-030-32
PROCUREMENT
11/15

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: Superior Construction Company Southeast, LLC
By: 
Date: August 25, 2021
Title: Manager

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ANTICIPATED DBE PARTICIPATION STATEMENT
LOCAL AGENCY PROGRAM

275-030-12
 EQUAL OPPORTUNITY OFFICE
 03/09

1. FDOT LAP AGREEMENT#	2. FDOT LAP AGREEMENT AMOUNT	3. LOCAL AGENCY CONTRACT (PRIME)#.	4. LOCAL AGENCY NAME
440741-1-58/08-01	\$1,029,050.00		Santa Rosa County
5. PRIME CONTRACTOR NAME		6. FEID NUMBER (PRIME CONTRACTOR)	
Superior Construction Company Southeast LLC		26-3552913	
7. CONTRACT DOLLAR AMOUNT		8. FEID NUMBER (LOCAL AGENCY)	
9. IS THE PRIME CONTRACTOR A FLORIDA CERTIFIED "DBE"? (DISADVANTAGED BUSINESS ENTERPRISE)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	10. IS THE WORK OF THIS CONTRACT CONSTRUCTION <input checked="" type="checkbox"/> OR MAINTENANCE <input type="checkbox"/> ? OTHER _____
11. REVISION (Y/N)? _____ IF YES, REVISION# _____			

12. ANTICIPATED DBE SUBCONTRACTS (BELOW):

DBE SUBCONTRACTOR OR SUPPLIER	TYPE OF WORK/SPECIALTY	DOLLAR AMOUNT	PERCENT OF CONTRACT DOLLARS
A			
B			
C			
D			
E			
F		11A TOTAL DOLLARS TO DBE'S	11B TOTAL PERCENT OF CONTRACT

SECTION TO BE FILLED BY PRIME CONTRACTOR

13. NAME OF SUBMITTER	14. DATE	15. TITLE OF SUBMITTER	
Pete Kelley	August 25, 2021	Manager	
16. EMAIL ADDRESS OF PRIME CONTRACTOR SUBMITTER		17. FAX NUMBER	18. PHONE NUMBER
see@superiorconstruction.com		904.292.4240	904.292.2682

SECTION TO BE FILLED BY LOCAL AGENCY

19. SUBMITTED BY	20. DATE	21. TITLE OF SUBMITTER	
22. EMAIL ADDRESS OF SUBMITTER		23. FAX NUMBER	24. PHONE NUMBER

NOTE: THIS INFORMATION IS USED TO TRACK AND REPORT ANTICIPATED DBE PARTICIPATION IN ALL FEDERALLY FUNDED FDOT CONTRACTS. THE ANTICIPATED DBE AMOUNT IS VOLUNTARY AND WILL NOT BECOME A PART OF THE CONTRACTUAL TERMS. THIS FORM MUST BE SUBMITTED AT THE PRE CONSTRUCTION. FDOT STAFF FORWARDS THE FORM TO THE EQUAL OPPORTUNITY OFFICE.

THE FOLLOWING SECTIONS ARE FOR FDOT LAP COORDINATOR USE

DIST	LAP COORDINATOR NAME	DATE TO EO OFFICE (ELECTRONICALLY)	EXECUTED DATE (LAP AGREEMENT)	EXECUTED DATE (BETWEEN LOCAL AGENCY AND PRIME)	PRECON. CONF DATE.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
NOTICE OF RENTAL AGREEMENT

700-010-11
CONSTRUCTION
08/19

Not Applicable at Time of Bidding

PROJECT ADMINISTRATOR/ENGINEER: _____ DATE: _____

CONTRACT NO: _____ F.A.P. NO(S): _____

FIN PROJECT NO(S): _____

PRIME CONTRACTOR: _____

CONTRACTOR RENTING EQUIPMENT: _____

LESSOR: _____ LESSOR PHONE: _____

LESSOR ADDRESS: _____

LESSOR FEIN: _____

DOES THE ESTIMATED TOTAL AMOUNT OF THIS AGREEMENT EXCEED \$10,000? YES NO

EQUIPMENT TO BE RENTED:

With Operators Operators will be on Lessor's Payroll

Without Operators Operators must be carried on the payroll of the Lessees, i.e., Prime Contractor or Authorized Subcontract

- NOTES:
1. All operators are subject to applicable wage rate provisions included in the contract for this project.
 2. Only equipment which requires the reasonably constant attention of an operator or operation staff may be rented on a "with operator" basis. Items such as forms, hand tools, pumps, air compressors, etc., may not be rented on a "with operator" basis.
 3. When equipment is rented on a "with operator" basis for use on a Federal Aid project, the lessor must submit certified copies of weekly payroll listings covering the operators to the Project Engineer.
 4. This written agreement will not be required when contractor rents equipment (without operator) from a firm whose principal business is renting or leasing equipment.

EQUIPMENT LISTED AS FOLLOWS:

- | | |
|----|-----|
| 1. | 7. |
| 2. | 8. |
| 3. | 9. |
| 4. | 10. |
| 5. | 11. |
| 6. | 12. |

DESCRIPTION OF WORK TO BE PERFORMED BY THIS AGREEMENT:

- A.
- B.

Signed: _____
(Contractor's Designated Official)

REVIEWED BY: _____
Project Administrator/ Project Engineer

Date



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwanee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

4/27/2021

RE: DBE AFFIRMATIVE ACTION PLAN APPROVAL

The Disadvantaged Business Enterprise Affirmative Action Plan submitted by:

SUPERIOR CONSTRUCTION COMPANY SOUTHEAST LLC

has been approved for a period of three years. Please update and submit a new plan before the expiration date shown below. If you do not plan to work on any Florida Department of Transportation Projects, it will not be necessary for you to submit a new plan.

If you need any additional information, please contact me at (850) 414-4747.

Sincerely,

A handwritten signature in black ink, appearing to read "Stefan Kulakowski".

Stefan Kulakowski
State Contract Compliance Administrator
Equal Opportunity Office

AFFIRMATIVE ACTION PLAN EXPIRATION: 4/27/2024

This plan is one of the requirements to bid on contracts for the Florida Department of Transportation. This is not approval for Unified Certification Program Disadvantaged Business Enterprise (UCP/DBE) Certification. For additional information in becoming a DBE, contact the Certification Section at (850)414-4747.

Superior Construction Co SE LLC hereafter referred to as "the Company" or "this Company" has adopted this policy and plan.

Date: 4-27-2021

By:



Signature

Corporate FEID No.: 26-3552913

Peter G. Kelley - President

Printed name & title

DISADVANTAGED BUSINESS ENTERPRISE ('DBE') AFFIRMATIVE ACTION PLAN

POLICY STATEMENT

It is the policy of this Company that disadvantaged businesses, as defined by 49 CFR Part 26, Subpart D and implemented under Rule Chapter 14-78, F.A.C., shall have the opportunity to participate as subcontractors and suppliers on all contracts awarded by the Florida Department of Transportation (FDOT).

The requirements of Rule Chapter 14-78, F.A.C., shall apply to all contracts entered into between FDOT and the Company. Subcontractors and/or suppliers to the Company will also be bound by the requirements of Rule Chapter 14-78 F.A.C. and its subcontractors shall take all necessary and reasonable steps in accordance with Chapter 14-78, F.A.C., to ensure that disadvantaged businesses have the opportunity to compete and perform work contracted with FDOT. The Company and its subcontractors shall not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts with FDOT. The Company has designated and appointed a Liaison Officer to develop, maintain, and monitor the DBE Affirmative Action Plan implementation. The Liaison Officer will be responsible for disseminating this policy statement throughout the Company and to disadvantaged controlled businesses. This statement is posted on notice boards of the Company.

I. DESIGNATION OF LIAISON OFFICER

The Company will aggressively recruit disadvantaged businesses as subcontractors and suppliers for all contracts with FDOT. The Company has appointed a Liaison Officer to develop and maintain this Affirmative Action Plan in accordance with the requirements of Rule Chapter 14-78, F.A.C. The Liaison Officer will have primary responsibility for developing, maintaining, and monitoring the Company's utilization of disadvantaged subcontractors in addition to the following specific duties:

- (1) The Liaison Officer shall aggressively solicit bids from disadvantaged business subcontractors for all FDOT contracts;
- (2) The Liaison Officer will submit all records, reports, and documents required by FDOT, and shall maintain such records for a period of not less than three years, or as directed by any specific contractual requirements of FDOT.

The following individual has been designated Liaison Officer with responsibility for implementing the Company's affirmative action program in accordance with the requirements of FDOT.

DBE LIAISON OFFICER:

NAME: Peter G. Kelley

TITLE: President

EMAIL: pkelley@superiorse.com

ADDRESS: 7072 Business Park Blvd, Jacksonville, FL 32256

II. AFFIRMATIVE ACTION METHODS

In order to formulate a realistic Affirmative Action Plan, the Company has identified the following known barriers to participation by disadvantaged subcontractors, before describing its proposed affirmative action methods:

1. Lack of qualified disadvantaged subcontractors in our specific geographical areas of work;
2. Lack of certified disadvantaged subcontractors who seek to perform FDOT work;
3. Lack of interest in performing on FDOT contracts;
4. Lack of response when requested to bid;
5. Limited knowledge of FDOT plans and specifications to prepare a responsible bid.

In view of the barriers to disadvantaged businesses stated above, it shall be the policy of the Company to provide opportunity by utilizing the following affirmative action methods to ensure participation on the contracts with FDOT will:

1. Provide written notice to all certified DBE subcontractors in the geographical area where the work is to be subcontracted by the Company;
2. Advertise in minority focused media concerning subcontract opportunities with the Company;
3. Select portions of work to be performed by DBEs in order to increase the likelihood of meeting the state's goals (including, where appropriate, breaking down contracts into economically feasible units to facilitate DBE participation);
4. Provide adequate information about the plans, specifications, and requirements of the contract, not rejecting subcontractors without sound reasons based on a thorough investigation of their capabilities;
5. Waive requirements of performance bonds where it is practical to do so;
6. Attend pre-bid meetings held by FDOT to apprise disadvantaged subcontractors of opportunities with the Company;
7. Follow up on initial solicitations of interest to DBE subcontractors to determine with certainty whether the DBE company is interested in the subcontract opportunity.
8. Utilize FDOT's DBE Supportive Services providers for assistance in identifying and notifying DBE's of contracting opportunities.

The Company understands that this list of affirmative action methods is not exhaustive and will include additional approaches after having established familiarity with the disadvantaged subcontracting community and/or determined the stated approaches to be ineffective.

III. IMPLEMENTATION

The Company will make every effort to

1. Meet state goals by utilizing its affirmative action methods.
2. Express good faith by seeking to utilize DBE subcontractors where work is to be subcontracted.
3. Ensuring that contracted DBE's perform a commercially useful function as evidenced by their execution of a distinct element of work with its own workforce and the carrying out responsibilities by actually performing, managing and supervising the work involved.

IV. REPORTING

The Company shall keep and maintain such records as are necessary to determine the Company's compliance with its DBE Affirmative Action Plan. The Company will design its record keeping system to indicate:

1. The number of DBE subcontractors and suppliers used by the Company, identifying the items of work, materials and services provided;
2. The efforts and progress being made in obtaining DBE subcontractors through local and community sources;
3. Documentation of all contracts, to include correspondence, telephone calls, newspaper advertisements, etc., to obtain DBE participation on all FDOT projects;
4. The Company shall comply with FDOT's requirements regarding payments to subcontractors including DBEs for each month (estimate period) in which the companies have worked.

V. DBE DIRECTORY

The Company will utilize the DBE Directory published by the FDOT



First Submittal 4-29-09
Revision 2-17-11 (Company Name Change)

DBE AFFIRMATIVE ACTION PLAN
Policy Statement

It is the policy of Superior Construction Company Southeast, LLC that disadvantaged businesses, as defined by 49 CFR Part 26, Subpart D and implemented under Rule Chapter 14-78, shall have the opportunity to participate as subcontractors and suppliers on all contracts awarded by the Florida Department of Transportation.

The requirements of Chapter 14-78 shall apply to all contracts entered into between the Department of Transportation and Superior Construction Company Southeast, LLC Subcontractors and/or suppliers to Superior Construction Company Southeast, LLC will also be bound by the requirements of Chapter 14-78.

Superior Construction Company Southeast, LLC and its subcontractors shall take all necessary and reasonable steps in accordance with Chapter 14-78, to ensure that disadvantaged businesses have the opportunity to complete and perform work contracted with the Florida Department of Transportation.

Superior Construction Company Southeast, LLC and its subcontractors shall not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of the contract with the Florida Department of Transportation.

Superior Construction Company Southeast, LLC has designated and appointed a Liaison Officer to develop, maintain and monitor the DBE Affirmative Action Plan's implementation. The Liaison Officer will be responsible for disseminating this policy statement throughout Superior Construction Company Southeast, LLC and to disadvantaged controlled businesses. This policy statement is posted on notice boards of the Company.

Date: April 27, 2021

A handwritten signature in black ink, appearing to read "P. Kelley", is written over a horizontal line.

Peter G. Kelley, President
SUPERIOR CONST. CO. SOUTHEAST, LLC
7072 Business Park Boulevard
Jacksonville, Florida 32256

I. Designation of Liaison Officer

Superior Construction Company Southeast LLC will aggressively recruit disadvantaged businesses as subcontractors and suppliers for all contracts with the Department of Transportation. The company has appointed a Liaison Officer to develop and maintain this Affirmative Action Plan in accordance with requirements of Chapter 14-78.

The Liaison Officer will have primary responsibility for developing, maintaining and monitoring the Company's utilization of disadvantaged subcontractors in addition to the following specified duties:

- (1) The Liaison Officer shall aggressively solicit bids from disadvantaged business subcontractors for all Department of Transportation contracts.
- (2) The Liaison Officer will submit all records, reports and documents required by the Department, and shall maintain such records for a period not less than three years, or as directed by any specific contractual requirement of the Department.

The following individual has been designated Liaison Officer with the responsibility for implementing the Company's affirmative action program in accordance with the requirements of the Department.

Peter G. Kelley
SUPERIOR CONSTRUCTION COMPANY SOUTHEAST LLC
7072 Business Park Boulevard
Jacksonville, Florida 32256
(904) 292-4240
FEID # 26-3552913

II. Affirmative Action Methods

In order to formulate a realistic Affirmative Action Plan, Superior Construction Company Southeast, LLC has identified the following known barriers to participation by disadvantaged subcontractors, before describing its proposed affirmative action methods:

1. Lack of qualified disadvantaged subcontractor in our specific geographical area of work.
2. Lack of certified disadvantaged subcontractors who seek to perform DOT work.
3. Lack of interest in performing DOT work.
4. Lack of response when requested to bid.
5. Limited knowledge of DOT plans and specifications to prepare a responsible bid.

In view of the barriers to disadvantaged businesses stated above, it shall be the policy of Superior

Construction Company Southeast, LLC to provide maximum opportunity to utilizing the following affirmative action methods to ensure participation on contracts with the Department of Transportation. Superior Construction Company Southeast, LLC will:

1. Provide written notice to all certified DBE subcontractors in the geographical area where the work is to be subcontracted by the company.
2. Advertise in minority focused media concerning subcontract opportunities with the company.
3. Select portions of the work to be performed by the DBEs in order to increase the likelihood of meeting contract goals (including, where appropriate, breaking down contract into economically feasible units to facilitate DBE participation.
4. Provide adequate information about the plans, specifications and requirements of the contract, not rejecting subcontractors without sound reasons based on a thorough investigation of their capabilities.
5. Waive requirements of performance bonds where it is practical to do so.
6. Attend pre-bid meetings held by the Department to apprise disadvantaged subcontractors of opportunities with the company.
7. Follow up on initial solicitations of interest to DBE contractors to determine with certainty whether the company is interested in the subcontract opportunity.

Superior Construction Company Southeast, LLC understands that this list of affirmative action methods is not exhaustive and will include additional approaches after having established familiarity with the disadvantaged subcontracting community and/or determined the stated approaches to be ineffective.

III. Implementation

On contracts with specific DBE goals, Superior Construction Company Southeast, LLC will make every effort to meet contract goals as stated by utilizing its affirmative action methods. On projects with no specific goals, the Company will, as an expression of good faith, seek to utilize DBE subcontractors where work is to be subcontracted.

IV. Reporting

Superior Construction Company Southeast, LLC shall keep and maintain such records as are necessary to determine the Company's compliance with its DBE Affirmative Action Plan.

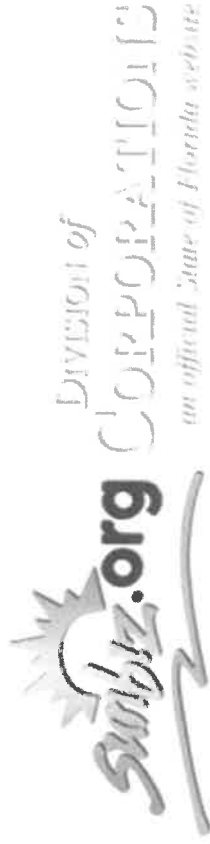
The Company will design its record keeping system to indicate:

1. The number of DBE subcontractors and suppliers used by the Company, identifying the items of work, materials and services provided.
2. The efforts and progress being made in obtaining DBE subcontractors through local and community sources.
3. Documentation of all contracts, to include correspondence, telephone calls, newspaper advertisements, etc., to obtain DBE participation on all Department of Transportation projects.
4. The Company shall comply with the Florida Department of Transportation's requirements regarding payments to subcontractors including DBE's for each month (estimate period) in which the companies have worked.

V. DBE Directory

Superior Construction Company Southeast, LLC will utilize the DBE Directory published by the Department of Transportation.

The Company will distribute Certification Form Number 275-030-01, Schedule A Certification Form Number 1, to potential DBE contractors and assist in their completion.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Florida Limited Liability Company
 SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC

Filing Information

Document Number	L08000095999
FEI/EIN Number	26-3552913
Date Filed	10/10/2008
State	FL
Status	ACTIVE
Last Event	LC AMENDMENT
Event Date Filed	09/21/2020
Event Effective Date	NONE

Principal Address

7072 BUSINESS PARK BLVD.
 JACKSONVILLE, FL 32256

Mailing Address

State of Florida

Department of State

I certify from the records of this office that SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC is a limited liability company organized under the laws of the State of Florida, filed on October 10, 2008.

The document number of this limited liability company is L08000095999.

I further certify that said limited liability company has paid all fees due this office through December 31, 2021, that its most recent annual report was filed on January 14, 2021, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourteenth day of January,
2021*



Randy R. Lee
Secretary of State

Tracking Number: 8665513706CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES



LICENSE NUMBER: CGC1524700

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



American Global

July 29, 2021

Santa Rosa County
Procurement Department
6495 Caroline Street, Suite L
Milton, FL 32570

Re: Superior Construction Company Southeast, LLC.
Insurance Requirements for ITB# 21-033 TOM KING BAYOUT PEDESTRIAN BRIDGE

To whom it may concern,

American Global of Florida, as the insurance broker representing Superior Construction Company Southeast, LLC, confirms that Superior Construction Company Southeast, LLC, has the financial, technical resources, and skills to secure and satisfy the insurance requirements in reference to the captioned bid. Please note that the placement of said coverage is contingent upon award.

Should you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Rosie Garcia - Gutierrez

Rosie Garcia Gutierrez
Account Executive

Show Workspace For
Non-Federal Entities

< 1 of 1 >

Results per page

25 ▼

Non-Federal Entities

Superior Construction Company Southeast, LLC

BioPreferred Reporting

DUNS Unique Entity ID:

830356619

Purpose of Registration:

All Awards

Service Contract Reporting

SAM Unique Entity ID:

KK9KPGEGW4M9

Address:

7072 BUSINESS PARK BLVD N
Jacksonville, FL 32256-2749 USA

Filter By

CAGE/NCAGE:

5Q619

2/10/2022

Expiration Date Ascending ▾

⋮




● Active Jul 12, 2022

CERTIFICATE OF AUTHORITY

The undersigned Pete Kelley, being a/the duly elected, qualified and acting Resident Agent and Manager of Superior Construction Company Southeast, LLC, a Florida Limited Liability Company (referred to in this Certificate as "the Company"),

Does Hereby Certify:

1. That the Articles of Organization of the Company have been duly filed with the Florida Secretary of State on October 10, 2008, and that said Articles of Organization were amended on November 9, 2010, May 16, 2012, March 31, 2014, June 29, 2015 and September 21, 2020.
2. That the Articles of Organization, or a Notice containing the substance of same, has been duly published as required by law.
3. That the Operating Agreement of the Company has not been amended or repealed and remains in full force and effect on the date of this Certificate.
4. That neither the Articles of Organization nor the Operating Agreement require, nor have either of said documents been amended to require, any act be taken or meeting be held by Members and/or Managers of the Company other than the following:
5. That the following person(s) has/have been and is/are duly authorized by the Company to execute all documents necessary to effectuate the [bid/ proposal], and that the signature set forth opposite his/her name is his/her genuine signature:

NAME	OFFICE	SIGNATURE
<u>Nicholas E. Largura</u> Manager	<u>Jacksonville, FL</u>	
<u>Pete Kelley</u> , Manager	<u>Jacksonville, FL</u>	
<u>Julian Rozo</u> , Manager	<u>Jacksonville, FL</u>	<u>Julian J. Rozo</u>
<u>Bhavin Naik</u> , Manager	<u>Jacksonville, FL</u>	
<u>Ryan Hamrick</u> , Manager	<u>Tampa, FL</u>	<u>Ryan Hamrick</u>

**Superior Construction Company Southeast,
LLC, a Florida Limited Liability Company**

By: 

Print: Pete Kelley

Its: Resident Agent / Manager

STATE OF FLORIDA

COUNTY OF Duval

Before me, the undersigned authority, personally appeared Pete Kelley, who produced following identification Personally Known, after first being duly sworn did depose and say that he/she did execute the foregoing and that the information in the foregoing is true, accurate and correct to the best of his/her knowledge, information and belief.

SWORN TO AND SUBSCRIBED before me this 15th day of April 2021.


Signature of Notary Public





**2020-2021 LOCAL BUSINESS TAX RECEIPT
JIM OVERTON, DUVAL COUNTY TAX COLLECTOR**

231 E. Forsyth Street, Suite 130, Jacksonville, FL 32202-3370
Phone: (904) 630-1916, option 3 Fax: (904) 630-1432
www.duvaltaxcollect.net taxcollector@coj.net

Note – A penalty is imposed for failure to keep this receipt exhibited conspicuously at your place of business. This business tax receipt is furnished pursuant to Municipal Ordinance Code, Chapters 770-772, for the period October 1, 2020 through September 30, 2021.

LONG, CURTIS EARL
SUPERIOR CONSTRUCTION COMPANY SOUTHEAST LLC
7072 BUSINESS PARK BLVD
JACKSONVILLE, FL 32256

ACCOUNT NUMBER: 171791
BUSINESS NAME: LONG, CURTIS EARL
PHYSICAL ADDRESS: 7072 BUSINESS PARK BLVD
JACKSONVILLE, FL 32256

CLASSIFICATION CODE: 000005 - QUALIFYING AGENT, CONTRACTORS

STATE LICENSE NO: CGC1507474

COUNTY TAX: 0.00
MUNICIPAL TAX: 100.00
TOTAL TAX: 100.00

VALID UNTIL September 30, 2021

***** ATTENTION *****

**THIS RECEIPT IS FOR BUSINESS TAX RECEIPT ONLY.
CERTAIN BUSINESSES MAY REQUIRE ADDITIONAL STATE LICENSING.**

This is a business tax receipt only. It does not permit the receipt holder to violate any existing regulatory or zoning laws of the County or City. It does not exempt the receipt holder from any other license or permit required by law. This is not a certification of the receipt holder's qualifications.


JIM OVERTON, TAX COLLECTOR

THIS BECOMES A RECEIPT AFTER VALIDATION.
PAID-4153610.0001-0001 Y02 07/24/2020 100.00



**2020-2021 LOCAL BUSINESS TAX RECEIPT
JIM OVERTON, DUVAL COUNTY TAX COLLECTOR**

231 E. Forsyth Street, Suite 130, Jacksonville, FL 32202-3370
Phone: (904) 630-1916, option 3 Fax: (904) 630-1432
www.duvaltaxcollect.net taxcollector@coj.net

Note – A penalty is imposed for failure to keep this receipt exhibited conspicuously at your place of business. This business tax receipt is furnished pursuant to Municipal Ordinance Code, Chapters 770-772, for the period October 1, 2020 through September 30, 2021.

SUPERIOR CONSTRUCTION COMPANY
SUPERIOR CONSTRUCTION COMPANY SOUTHEAST LLC
7072 BUSINESS PARK BLVD
JACKSONVILLE, FL 32256

ACCOUNT NUMBER: 171793
BUSINESS NAME: SUPERIOR CONSTRUCTIC
PHYSICAL ADDRESS: 7072 BUSINESS PARK BLVD
JACKSONVILLE, FL 32256

CLASSIFICATION CODE: 307001 - CONTRACTOR- ALL TYPES

STATE LICENSE NO: CGC1507474

COUNTY TAX: 468.75
MUNICIPAL TAX: 1,031.25
TOTAL TAX: 1,500.00

VALID UNTIL September 30, 2021

***** ATTENTION *****

**THIS RECEIPT IS FOR BUSINESS TAX RECEIPT ONLY.
CERTAIN BUSINESSES MAY REQUIRE ADDITIONAL STATE LICENSING.**

This is a business tax receipt only. It does not permit the receipt holder to violate any existing regulatory or zoning laws of the County or City. It does not exempt the receipt holder from any other license or permit required by law. This is not a certification of the receipt holder's qualifications.


JIM OVERTON, TAX COLLECTOR

THIS BECOMES A RECEIPT AFTER VALIDATION.

PAID-4153610.0002-0002 Y02 07/24/2020 1,500.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

June 9, 2021

SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC
7072 BUSINESS PARK BLVD. N
JACKSONVILLE, FLORIDA 32256

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2022. However, the new application is due 4/30/2022.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:

[HTTPS://fdotwp1.dot.state.fl.us/ContractorPreQualification/](https://fdotwp1.dot.state.fl.us/ContractorPreQualification/)

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

BASCULE BRIDGE REHABILITATION, BRIDGE DECK OVERLAYS, DRAINAGE, FENCING, FLEXIBLE PAVING, GRADING, GRASSING, SEEDING AND SODDING, GUARDRAIL, HOT PLANT-MIXED BITUM. COURSES, INTERMEDIATE BRIDGES, MAJOR BRIDGE - BASCULE SPANS, MAJOR BRIDGE - BRIDGES OF CONVENTIONAL CONSTRUCTION WHICH ARE OVER A WATER OPENING OF 1,000 FEET OR MORE, MAJOR BRIDGE - CAST IN PLACE / POST-TENSIONED / SUPER-STRUCTURE, MAJOR BRIDGE - CONCRETE SEGMENTAL CONSTRUCTION, MAJOR BRIDGE - CURVED STEEL GIRDERS, MAJOR BRIDGE - MULTI-LEVEL ROADWAYS, MAJOR BRIDGE - STEEL TRUSS CONSTRUCTION, MINOR BRIDGES, PORTLAND CEMENT CONCRETE ROADWAY PAVING, R&R INTERMEDIATE BRIDGES ("R&R" IS REPAIR AND REHABILITATE), R&R MAJOR BRIDGE - BRIDGES OF CONVENTIONAL CONSTRUCTION WHICH ARE OVER A WATER OPENING OF 1,000 FEET OR MORE, R&R MAJOR BRIDGE - CONCRETE SEGMENTAL CONSTRUCTION, R&R MAJOR BRIDGE - MULTI-LEVEL ROADWAY, R&R MAJOR BRIDGE - STEEL TRUSS CONSTRUCTION, R&R MAJOR BRIDGE- CURVED STEEL GIRDERS, R&R MINOR BRIDGES, SOUNDWALL, WATER & SEWER PLANTS, UNDERGROUND UTILITIES, RETAINING WALL, FENDER SYSTEMS AND POST-TENSIONING.

SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC

June 9, 2021

Page Two

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Darlene Anderson, for

Alan Autry, Manager
Contracts Administration Office

AA:cg

Exhibit B

VENDORS ON SCRUTINIZED COMPANIES LISTS

By executing this Certificate, the bid proposer, certifies that it is not: (1) listed on the Scrutinized Companies that Boycott Israel List, created pursuant to section 215.4725, Florida Statutes, (2) engaged in a boycott of Israel, (3) listed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to section 215.473, Florida Statutes, or (4) engaged in business operations in Cuba or Syria. Pursuant to section 287.135(5), Florida Statutes, the County may disqualify the bid proper immediately or immediately terminate any agreement entered into for cause if the bid proposer is found to have submitted a false certification as to the above or if the Contractor is placed on the Scrutinized Companies that Boycott Israel List, is engaged in a boycott of Israel, has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, during the term of the Agreement. If the County determines that the bid proposer has submitted a false certification, the County will provide written notice to the bid proposer. Unless the bid proposer demonstrates in writing, within 90 calendar days of receipt of the notice, that the County's determination of false certification was made in error, the County shall bring a civil action against the bid proposer. If the County's determination is upheld, a civil penalty shall apply, and the bid proposer will be ineligible to bid on any Agreement with a Florida agency or local governmental entity for three years after the date of County's determination of false certification by bid proposer.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

DATE: 09/03/2021

SIGNATURE: 

COMPANY: Superior Construction Company Southeast, LLC NAME: Julian Roza
(Typed or Printed)

ADDRESS: 7072 Business Park Blvd. N.

TITLE: Manager

Jacksonville, FL 32256

E-MAIL: jrozo@superiorconstruction.co

PHONE NO.: (904) 292-4240