



**Issue Date: June 24, 2024**

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**Bid Due Date: August 5, 2024 @ 3:00 p.m. local time**

**INVITATION TO BID**

**CR 240 from SR 247 to CR 131**

**BID NO. 2024-10**

**Purchasing Representative:  
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Director Purchasing Division  
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June 24, 2024

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## ATTACHMENTS

- Attachment A – FHWA 1273 Forms
- Attachment B – LAP Specifications
- Attachment C – Construction Plans
- Attachment D - General Instructions to Bidders

## **SECTION A – ADVERTISEMENT FOR BIDS**

Notice is hereby given that the Board of County Commissioners of Columbia County, Florida is calling for Bids until **3:00 P.M. on Monday, August 5, 2024**, for the purpose of selecting a contractor to furnish all labor, materials, equipment and apparatus for the construction of: Bid No 2024-10, CR 240 from SR 247 to CR 131 in Columbia County, Florida. The project scope for the CR 240 from SR 247 to CR 131, consists of signing installation and pavement markings placement for a distance of approximately 6 miles. Construction also includes signalization and other associated work.

The Bid Forms and Construction specifications may be obtained from the County's web site at <http://www.columbiacountyfla.com/PurchasingBids.asp>. Deadline for questions regarding construction plans, specifications, and/or bid documents must be received before **5:00 P.M. on July 25, 2024**.

The successful bidder will be required to furnish the County Manager with a 5% bid bond with submittal, and if selected, furnish the County Manager with a performance bond and proof of liability insurance prior to commencing work.

The Columbia County Commission reserves the right to reject any or all bids and to add to the contract or delete from the contract to stay within their funding capabilities.

**SPECIFICATION FOR:** **CR 240 from SR 247 to CR 131**

**BID NUMBER:** **2024-10**

**BID OPENING DATE:** **3:00 PM, Monday, August 5, 2024**

**PLACE OF BID OPENING** Columbia County Board of County Commissioners  
135 NE Hernando Avenue, Suite 203  
Lake City, Florida 32056-1529

**Submission of Bids** - Costs for the preparation and submittal of bids in response to this Invitation to Bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Columbia County.

**ONE (1) ORIGINAL** bid in a sealed envelope, clearly marked "**BID No. 2024-10 – CR 240 FROM SR 247 TO CR 131**", shall be delivered in the Columbia County Manager's office until **3:00 P.M. on August 5, 2024**. This office is located on the second floor of the Courthouse Annex at 135 Hernando Avenue, Room 203 Lake City FL 32055.

**LATE BIDS WILL NOT BE CONSIDERED. IT IS THE BIDDER'S RESPONSIBILITY TO INSURE DELIVERY OF THE BID TO THE COLUMBIA COUNTY MANAGERS ON OR BEFORE THE DATE SPECIFIED.**

No bidder may withdraw his bid for a period of one hundred and twenty (120) days after the date set for the opening of bids. The Board of County Commissioners of Columbia County, Florida, reserves the right to reject any and all bids, to waive informalities and to re-advertise.

David Kraus, County Manager  
Columbia County, Florida

**Publish: June 24, 2024**

## **SECTION B – INSTRUCTIONS TO BIDDERS**

### **COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS**

**INVITATION TO BID  
SPECIFICATION FOR:**

**CR 240 from SR 247 to CR 131**

**BID NUMBER:**

**2024-10**

**BID OPENING DATE:**

**3:00 PM, Monday, August 5, 2024**

**PLACE OF BID OPENING  
AND MAILING ADDRESS**

Columbia County Board of County Commissioners  
135 NE Hernando Avenue, Suite 203  
Lake City, Florida 32056-1529

#### **1.0 GENERAL PROVISIONS**

##### **1.1 Purpose**

Columbia County is calling for and requesting the submission of bids for **BID No. 2024-10 – CR 240 from SR 247 to CR 131**

The herein included **Section A** Advertisement for Bids, **Section B** Instructions to Bidders, **Section C** Bidders Check list, **Section D** General Conditions, **Section F** Special Conditions, **Section G** Insurance Forms, **Section H** Bid Forms, **Section I** Contract Administration Forms, **Section J** Sample Agreement, **Attachment “A”** FHWA 1273 Forms, **Attachment “B”** Specifications Package and **Attachment “C”** Construction Plans for Financial Project ID 447473-1-58-01; together with all attached documents herein identified, constitute the entire Invitation to Bid package. Specifications and supplementary documents are essential parts of the contract and requirements occurring in one are as binding as though occurring in all.

##### **1.2 Submission of Bids**

Costs for the preparation and submittal of bids in response to this Invitation to Bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Columbia County.

**ONE (1) ORIGINAL** bid in a sealed envelope, clearly marked “**BID No. 2024-10 – CR 240 from SR 247 to CR 131**”, shall be delivered to the Columbia County Board of County Commissioners 135 NE Hernando Avenue, Suite 203, Lake City, FL 32056-1529, **for receipt no later than 3:00 pm, Monday, August 5, 2024.**

**All printed and photocopied documents related to the submission of this ITB and fulfillment of any resulting contract shall be double-sided and printed on recycled paper with a minimum of 30% post-consumer content.**

**LATE BIDS WILL NOT BE CONSIDERED. IT IS THE BIDDER’S RESPONSIBILITY TO INSURE DELIVERY OF THE BID TO THE BOARD OF COUNTY COMMISSIONERS OFFICE ON OR BEFORE THE DATE SPECIFIED.**

##### **1.3 Proprietary Information**

Responses to this Request for Proposals upon receipt by the County become public records subject to the provisions of Chapter 119 F.S., Florida's Public Records Law. If you believe that any portion or all of your response is confidential or proprietary, or otherwise exempt from disclosure as a Public Record, you should clearly assert such exemption and state the specific legal authority for the asserted exemption. All material that is designated as exempt from Chapter 119 must be submitted in a separate envelope, clearly identified as “PUBLIC RECORDS EXEMPT” with your name and the proposal number marked on the outside. Furthermore, you must complete **EXHIBIT K, PUBLIC RECORD DECLARATION OR CLAIM OF EXEMPTION.**

Please be aware that the designation of an item as exempt from disclosure as a Public Record may be challenged in court by any person. By your designation of material in your proposal as "Public Records Exempt", you agree to defend and hold harmless the County from any claims, judgments, damages, costs, and attorney's fees and costs of the challenger and for costs and attorney's fees incurred by the County by reason of any legal action challenging your designation.

**1.4 Preparation of Bid**

Blank spaces must be filled in as noted, in ink or typed, with the amounts extended and totaled. Any corrections necessarily made on the bid form should be made by crossing out the item in error and inserting the corrected item immediately above. Such corrections shall be initialed and dated by the person signing the bid. No bid containing correction by erasure will be accepted.

The Bidder, if an individual, shall sign their name and show their address in the blank space provided therefore. If the Bid is made by a partnership or corporation, the names of the partnership or corporation, together with the names and addresses of the partners or officers, shall be shown, and the Bid acknowledged by one of the partners or officers, as required. The completed proposals shall be submitted as outlined in **Section A**, Advertisement for Bids. The Bidder shall submit with his Bid a list naming any Subcontractors which the Bidder proposes to employ, and identify any disadvantaged business enterprises included, on the form provided in **Section H**, Bid Form section. This form must be completed by Bidder, even where no subcontractors or DBE's (Disadvantaged Business Enterprises) are proposed; Contractor will be required to indicate "None", and sign.

**1.5 Non-Warranty of Specifications**

Due care and diligence have been used in preparing these specifications, The County does not guarantee that the conditions described within the specifications are the conditions that will be found in the field when actual construction is commenced. The County shall not be responsible for any error or omission in these specifications, nor for the failure on the part of the bidders to determine the full extent of the request. It is the sole responsibility of the bidders to ensure that they have all information necessary for the submittal of bids.

**1.6 Interpretation of Plans and Specifications**

No interpretation of the meaning of the Specifications and/or Scope of Services or contract documents will be made to any interested bidder orally. Every request for such interpretation shall be made in writing, with reference to the appropriate bid number and **emailed to [ejones@columbiacountyfla.com](mailto:ejones@columbiacountyfla.com)**. All requests for interpretation or corrections shall be received no later than July 25, 2024 at 5:00 PM. Any and all such interpretations and any supplemental instructions will be in the form of a written addendum; which, if issued, shall be emailed to each bidder receiving a set of documents. All addenda so issued shall become part of the bid documents.

**1.7 Acceptance/Rejection**

Columbia County reserves the right to reject any bid which may be considered irregular, show serious omission, unauthorized alteration of form, unauthorized alternate bids, incomplete or unbalanced bids or irregularities of any kind. Further, the County reserves the right to accept or reject any and all bids in whole or in part and to waive any technicalities or informalities in any bid.

Bid forms may be considered irregular and subject to rejection if they show serious omission, unauthorized alteration of form, unauthorized alternate bids, incomplete or unbalanced bids or irregularities of any kind.

**1.8 Disadvantaged Business Enterprise Participation**

The Contractor shall comply with the Disadvantaged Business Enterprise Program found in Attachment B and submit a list of Anticipated DBE's on EXHIBIT C.

**1.9 Proposed Subcontractors Requirements**

Contractors submitting bids under this solicitation are to identify, on the Proposed Subcontractors Form, the intended subcontractors and the estimated percentage of total dollar amount(s) as well as the total dollar amount(s) of the contract to be awarded to firms, EXHIBIT B.

**1.10 Public Entity Crimes**

A person or affiliate who has been placed on the convicted vendor list following a conviction of a public entity crime may not submit a bid on a contract to provide any 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 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 Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

**1.11 Drug Free Workplace**

All factors in the bidding process being equal, both as to dollar amount and ability to perform, priority will be given, first, to those vendors certifying a drug-free workplace, **Section H, Exhibit D**, secondly, the award shall be determined by means of random selection (e.g. coin toss or drawing of numbers).

**1.12 Subcontractors**

Bidder shall notify the County of the proposed use of subcontractors in the provision of services required herein by completing and returning the Proposed Subcontractors Form, **Section H, Exhibit B**. No subcontractor shall be employed by the Contractor for the provision of these services without the written approval of the County.

**1.13 Quality**

All materials shall be new. In no case will used, reconditioned or obsolete parts be acceptable. All equipment specifications are to be considered minimum requirements.

**2.0 LAWS, PERMITS AND REGULATIONS**

**2.1 Permit, Application, and License Fees**

The contracted firm shall obtain and pay for all necessary permits, permit application fees, licenses or any fees required.

**2.2 Compliance**

The contractor shall comply with all laws, ordinances, regulations and building code requirements applicable to the work contemplated in the proposal. The contracted firm is presumed to be familiar with all state and local laws, ordinances, code rules and regulations that may in any way affect the work. Ignorance on the part of the contracted firm will in no way relieve it of responsibility.

The contractor must agree to abide by and conduct its programs and provide its services in compliance with the provisions of the Civil Rights Act of 1866, Civil Rights Act of 1871, Equal Pay Act of 1963, Civil Rights Act of 1964, Age Discrimination and Employment Acts of 1967, Rehabilitation Act of 1973, 1990 Americans with Disabilities Act, 1991 Federal Civil Rights Act, 1992 Florida Civil Rights Act, and all other applicable ordinances, statutes, laws and amendments thereto.

**2.3 Inspector General**

The Contractor or their subcontractors shall comply with Florida Statute, 20.055(5).

**3.0 DEFINITIONS**

**Where the following terms or their pronouns occur herein, the intent and meaning shall be as follows:**

**AGREEMENT:** The written document between the County and the Contractor covering the Work to be performed, including the Contractor's Bid and the Bonds.

**BID:** The offer of proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

**BID PRICE:** The amount bid submitted on the prescribed forms by the bidder setting forth the prices for the work to be performed.

**BIDDER:** Any person, firm or corporation submitting a Bid for the work contemplated, or a duly authorized representative.

**BONDS:** Bid, Performance and Payment Bonds and other instruments of security, furnished by the Contractor and his surety in accordance with the Contract Documents.

**CHANGE ORDER:** A written order to the Contractor, signed by the Board of County Commissioners or County Manager, as appropriate, authorizing an addition, deletion, or revision in the Work, or an adjustment in the Contract Amount or the Contract Time, issued after execution of the Agreement.

**CONTRACT:** The written agreement resulting from this solicitation, incorporating the bid submitted by the bidder and which is approved by the Board, or its designee, along with all documents identified in this Invitation to Bid document and any addenda, thereto, shall be the contract between the County and the bidder.

**CONTRACT PRICE:** The total monies payable to the Contractor under the provisions of the Contract Documents.

**CONTRACT DOCUMENTS:** The Agreement, Specifications, Drawings, Addenda whether issued prior to the opening of bids or execution of the Contract and Modifications.

**CONTRACT TIME:** The number of calendar days stated in the Agreement for the completion of the Work.

**CONTRACTOR:** The person, firm or corporation with whom the County has executed a contract for the performance of the Work, or his legally authorized representative.

**COUNTY:** Columbia County, Florida, through the Board of County Commissioners, or its authorized legal representative.

**ENGINEER:** Columbia Engineer, acting directly or through duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them.

**DIRECTOR:** Columbia County Manager, or his authorized representative acting for the County.

**DRAWINGS:** The drawings and plans which show the character and scope of the Work to be performed and which have been prepared or approved by the County and are referred to in the Contract Documents.

**FIELD CHANGE ORDER:** A written order to the Contractor signed by the Board of County Commissioners or County Manager, for additional weather days or for modifications to the work only for changes in unit quantities and for pay factor adjustments.

**PROJECT REPRESENTATIVE:** The authorized representative of the County who is assigned to the project or any parts thereof.

**RESPONSIBLE AGENT:** The duly authorized representative of the Columbia County Board of County Commissioners during the contract period.

**SHOP DRAWINGS:** All Drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the Contractor, a Subcontractor, manufacturer, supplier or distributor and which illustrate the equipment, materials or some portion of the Work.

**SPECIFICATIONS:** The directions, provisions and requirements contained herein, together with all written Agreements made or to be made, setting out or relating to the method and manner of performing the Work, or to the quantities and qualities of materials and labor to be furnished under the Contract. Any state or national standard or specification referenced in Section F of these Contract Documents is herein made a part of the project Specifications, when work performed is described therein.

**SUBCONTRACTORS:** Any person, firm or corporation, other than the Contractor, supplying labor, equipment or material for work at the site of the project.

**WORK:** Any and all obligations, duties and responsibilities necessary to the successful completion of the project assigned to or undertaken by the Contractor under the Contract Documents, including the furnishing of all labor, materials, equipment and other incidentals.

#### 4.0 **EXAMINATION OF SITE**

Before submitting his proposal, it shall be the Bidder's responsibility to visit the site of the proposed Work and familiarize the Bidder with the nature and extent of the Work and any local conditions, either surface or subsurface, that may in any way affect the Work to be done and the equipment, materials and labor required. The Bidder shall also thoroughly examine the Specifications and Contract Documents, or other related documents, to inform the Bidder regarding any and all conditions and requirements that may in any manner affect the Work to be performed under this contract. Failure to do so will not relieve the Contractor of complete performance under this contract.

#### 5.0 **INTERPRETATION OF ESTIMATED QUANTITIES**

The estimated quantities of Work to be done and materials to be furnished under this Contract, given in the bid form, shall be considered as approximate only and shall be used solely for the comparison of Bids received. The County does not guarantee that the quantities represented will be the actual quantities required for completion of the contract, nor shall the Bidder plead misunderstanding or deception because of such estimate of quantities or of the character, location or other conditions pertaining to the Work. Payment to the Contractor shall be made only for the actual quantities of Work performed or materials furnished in accordance with the plans and other Contract Documents, and it is understood that the quantities may be increased or decreased as provided in the General Conditions without in any way invalidating any of the unit or lump sum prices bid.

6.0 **WITHDRAWAL OF BIDS**

Any Bidder may withdraw his Bid, either personally or by telegraphic or written request, at any time prior to the scheduled closing time for receipt of Bids. No Bidder may withdraw his Bid for a period of one hundred and twenty (120) days after the date set for the receiving of bids.

7.0 **BID SECURITY**

Each Bid must be accompanied by a certified check, cashier's check, or bid bond payable to the County for an amount equal to at least five percent (5%) of the amount of the Bid. The County will, within ten (10) days after the opening of the Bids, return deposits of all Bidders except those posted by the three lowest Bidders, whose deposits will be returned upon final award and execution of the contract between the successful Bidder and the County, and after a satisfactory contract Bond has been executed.

If the successful Bidder, for any reason whatsoever, withdraws from competition after the opening of the Bids, or fails or refuses to execute the contract and Bond within ninety (90) days after the Bidder has received notice of acceptance of his Bid, the Bidder shall forfeit to the County their Bid security deposit as liquidated damages for such withdrawal, failure or refusal. In the aforementioned situation, the successful Bidder shall be responsible to the Board of County Commissioners for the additional cost of said project, if any.

8.0 **QUALIFICATIONS OF BIDDERS**

8.1 **Consideration**

Bids will be considered only from firms normally engaged in providing and performing services specified herein. Bidders may be required to show that they have had experience in construction work of the same or similar nature and that their organization has been in formal existence and engaged in similar type work for not less than five (5) years. All bidders shall 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. Bidders shall submit LAP Certification of Current Capacity, Section H, Exhibit K (FDOT Form 525-010-46, which may be downloaded on the FDOT Website). Any bid for the performance of any construction contract submitted by a contractor not certified by the Florida Department of Transportation as qualified or if the LAP Certification of Current Capacity is not submitted, the bid shall be declared "IRREGULAR" and will be REJECTED. Bidders shall be FDOT Pre-qualified in Work Class: **Traffic Signal, Roadway Signing, and Pavement Marking.**

8.2 **General**

Bidder must have adequate organization, facilities, equipment and personnel to ensure prompt and efficient service to the County, and shall have all necessary licenses and permits required by law to do business with the County.

8.3 **Bidder's Questionnaire**

The County reserves the right before recommending any award to inspect the facilities and organization or to take any other action necessary to determine ability to perform in accordance with specifications, terms and conditions. **Bidders are requested to complete and return, along with their bid, the Bidder's Questionnaire Section H, Exhibit E.**

8.4 **Performance**

The County will determine whether the evidence of ability to perform is satisfactory and reserves the right to reject bids where evidence submitted, or investigation and evaluation indicates inability of the bidder to perform.

8.5 **Subcontractors**

The bidder shall submit with the Bid a list naming any Subcontractors which the Bidder proposes to employ. Such list shall be reviewed by the County prior to the award of Contract.

9.0 **DISQUALIFICATIONS OF BIDDERS**

Only the Bid from an individual, firm, partnership or corporation, under the same or different names, will be considered for the same Work. Should it be evident that any Bidder is interested in more than one Bid for the same Work, all Bids in which such Bidder is interested will be rejected.

Should there be reasonable ground for the County to believe that a collusion or combination exists among Bidders, all Bids may be rejected and all participants in such combination or collusion may be barred from making future Bids for the same Work.

Only reliable Bidders, capable of performing the class of Work proposed, will be considered in awarding the contract. If the available evidence of competency of any Bidder is not satisfactory to the County, the Bid of such Bidder may be rejected.

## **10.0 CONSIDERATION OF BIDS AND AWARD OF CONTRACT**

### **10.1 Consideration of Bid and Award**

The award of the contract, if it is awarded, will be to the lowest responsive and responsible bidder whose qualifications indicate the award will be in the best interest of the County, and whose bid complies with all prescribed requirements. No award will be made until the County has concluded such investigations as the County deems necessary to establish the responsibility, qualifications and financial ability of the Bidder to do the work in accordance with the contract documents to the satisfaction of the County within the time prescribed.

10.2 Prior to the award of the contract, the County may require the Bidder to submit an analysis of any lump sum bid prices quoted, which will be considered in award of the contract.

10.3 The County reserves the right to award the contract to more than one bidder, as determined to be in the best interest of the County.

10.4 If the contract is awarded, the County will accept the bid and award the contract to the successful bidder(s) within thirty (30) days after the receiving of the bids by written notice to the successful bidder(s). Failure on the part of the successful Bidder to execute a contract and file an acceptable Performance and Payment Bond within thirty (30) days after the notice of acceptance shall be just cause of annulment of the award and the forfeiture of any Bid security. The County reserves the right to accept the Bid of the next lowest responsive and responsible Bidder or re-advertise for Bids. If the Bid of the next lowest Bidder is accepted, this acceptance shall bind such Bidder as though they were the original successful Bidder.

10.5 The County reserves the right to reject any or all bids and to waive informalities, or to accept any bid or combination of bids which, in the County's judgment, will best serve its interest.

## **11.0 ACCEPTANCE OF THE BID**

### **11.1 Acceptance of Offer**

The signed bid shall be considered an offer on the part of the bidder; such offer shall be deemed acceptable upon completion of all steps in the purchasing process and issuance of a Purchase Order or execution of a Contract by the County.

11.2 It is the intent of the County to enter into a Contract in substantially the form attached to this bid document.

## **12.0 CONTRACT TIME FOR THE COMPLETION OF THE WORK AND LIQUIDATED DAMAGES**

### **12.1 Time for completion**

The contract time for **substantial completion is 70 calendar days** after issuance of a Notice Proceed. Contract time shall begin as specified in the Notice to Proceed. Contract time for **final completion is 30 calendar days** after substantial completion is met. See Section F Special Conditions for substantial completion definition.

### **12.2 Calendar Day**

A calendar day is every day shown on the calendar. Calendar days will be consecutively counted from commencement of Contract Time regardless of weather, weekends, holidays, suspensions of Contractor's operations, delays or other events described herein.

### **12.3 Working Day**

A working day is any calendar day, exclusive of Saturdays, Sundays and County-recognized legal holidays, on which the temperature, the weather and the condition of the soil are such that it is possible for the Contractor to make effective use of at least fifty percent (50%) of the current working day; also Saturdays, Sundays and holidays, on which the Contractor actually makes effective use of at least fifty percent (50%) of the current working day.

### **12.4 Weather Day**

A scheduled working day on which the temperature, the weather and/or the conditions of the soil do not make it possible for the Contractor to make effective use of at least fifty percent (50%) of the day. Temperature, weather and soil conditions that apply are as outlined in Section F, Special Conditions.

**12.5 Holidays**

See ARTICLE 1-3 of the Florida Department of Transportation Standard Specification and Attachment A.

**12.6 Liquidated Damages**

If the Contractor fails or refuses to prosecute the Work with such diligence as will insure its completion within the time stated in his Proposal or any extension thereof, or fails to complete Work within such time, for each calendar day that Work shall remain incomplete after the specified or adjusted **substantial or final completion time**, a daily charge in accordance with Section 8-10 of the LAP Specifications shall be deducted from the monies due the Contractor. If no monies are due the Contractor, his Surety shall be held liable for such amount. The Work shall begin no later than the time stated in the Notice to Proceed and be completed within the number of days stated in the accepted Bid.

**12.7 Project Schedule**

Timeliness is of the essence for this project. The expected timeline for this project is as follows:

**Bid Award:** August 15, 2024

**Pre-construction Conference and Notice-to-Proceed:** October 15, 2024

**Substantial Completion:** December 24, 2024

The actual dates may vary; however, the contractor should expect that a pre-construction conference will be held approximately four (4) weeks after the award of the contract and that a notice-to-proceed shall be issued at that time.

**13.0 PLANS FOR CONSTRUCTION**

13.1 The successful Bidder will be furnished three (3) sets of construction plans and Specifications, exclusive of any referenced state or national standards or specifications, without charge.

**14.0 PERFORMANCE**

**14.1 Performance Time**

All material and parts shall be bid F.O.B. (Free On Board) destination, at the job site. The performance time may be a factor in the evaluation of the bid. It is to be emphasized that the meeting of specified performance schedules is a significant part of ability to perform and that failure to meet such schedule may result in termination of the contract and will surely be considered in the evaluation of future bids.

**15.0 COLLUSION**

15.1 The bidder, by affixing his signature to the bid form, declares that the bid is made without any previous understanding, agreement, or connections with any persons, firms or corporations making a bid on the same items and that it is in all respects, fair, and in good faith without any outside control, collusion, or fraud.

15.2 The bidder, by affixing his signature to the bid form, declares that no County Commissioner, other County officer, or County employee, directly or indirectly owns more than five (5) percent of the total assets or capital stock of the bidding entity, nor will directly or indirectly benefit by more than five (5) percent from the profits or emoluments of this contract.

**16.0 ADDENDA**

16.1 Addenda issued by the County prior to the bid opening shall be binding as if written into the original solicitation document. Bidders shall acknowledge receipt of the same as indicated on the bid form.

## SECTION C – BIDDERS CHECKLIST

Bidders may use the boxes to the left to check off items when completed.

The checklist is intended as a reminder for certain important items and is not necessarily a complete list of what must be included in your BID submission.

- Bid Form (EXHIBIT A) (Remember to fill this form out completely) **THIS FORM MUST BE SIGNED.**
- Acknowledge all Addendum(s) issued with this solicitation must be included in your BID submission. A place to check off acknowledgement is on the bid form.
- Submit the appropriate number of copies.
- MANDATORY, all of the following EXHIBITS must be SUBMITTED:  
**EXHIBIT B – PROPOSED SUBCONTRACTOR FORM**  
**EXHIBIT C – BID OPPORTUNITY LIST**  
**EXHIBIT D – DRUG FREE WORKPLACE**  
**EXHIBIT C – BIDDER’S QUESTIONNAIRE**  
**EXHIBIT N – LAP CERTIFICATION OF CURRENT CAPACITY**  
**EXHIBIT O – NON-COLLUSION**  
**EXHIBIT P – DEBARMENT/SUSPENSION**  
**EXHIBIT Q & R – DISCLOSURE OF LOBBYING**
- Include any insurance requirements.
- Include any payment, performance and/or bid bonds that may be applicable.
- Remember to submit your Bid prior to the submittal deadline.  
**LATE BIDS WILL NOT BE CONSIDERED.**
- Make sure that your bid package has been clearly marked and sealed. The bid number and name along with the vendor’s company name should be clearly marked on the outside of the envelope.
- It is the vendor’s responsibility when using courier services, such as Fed Ex, UPS, etc., to make sure that the bid arrives on time. **LATE BIDS WILL NOT BE CONSIDERED.**

If you have questions concerning these items or other sections of the bid solicitation please contact the County for clarification prior to submitting your bid.

## **SECTION D – GENERAL CONDITIONS**

### **1.0 STARTING THE WORK**

#### **1.1 Schedule**

Within ten (10) days after execution of the Agreement, the Contractor will submit to the County for approval an estimated progress schedule indicating the starting and completion dates of the various stages of the Work and a schedule of Shop Drawings submissions.

#### **1.2 Pre-Construction Conference**

Before starting Work, a conference will be held to review the above schedules and Submittal package (See 1.5 Submittals), to establish procedures for handling Shop Drawings and other submissions, to establish procedures for processing applications for payment and to establish a working understanding between the parties as to the project. Present at the conference will be County Project Representatives, the Contractor and utility company representatives.

#### **1.3 Notice to Proceed**

Upon execution and delivery of the Agreement, the Engineer will give the Contractor a written Notice to Proceed stating date by which the Contractor must start the Work; but such date shall not be more than sixty (60) days after the date of execution and delivery of the Agreement. No work shall be done prior to receipt of the Notice to Proceed.

#### **1.4 Commencement of Time**

The Contract Time shall commence on the date when the Work is actually started but no later than the date provided in the Notice to Proceed.

#### **1.5 Submittals**

The Contractor's submittal package for the Pre-Construction meeting shall include: Exhibit Y, Surveyor's license confirmation, Maintenance of Traffic Plan, Erosion & Sedimentation Control Plan and Quality Control Plan to be approved by County Project Representatives prior to any construction activities along with any other requirements as outlined in this document.

### **2.0 INTENT OF CONTRACT DOCUMENTS**

2.1 It is the intent of the Specifications and Drawings to describe a complete project to be constructed in accordance with the Contract Documents.

2.2 The Contract Documents comprise the entire Agreement between the County and the Contractor. They may be amended only by approval of a Change Order.

### **3.0 OWNERSHIP AND COPIES OF DOCUMENTS; RECORD DOCUMENTS**

3.1 All Specifications, Drawings and copies thereof furnished by Columbia County shall remain the property of Columbia County. They shall not be used on another project, and with the exception of those sets of Contract Documents which have been signed in connection with the execution of the Agreement, shall be returned to the County on request upon completion of the project.

3.2 The County will furnish to the Contractor three (3) copies of the Drawings as are reasonably necessary for the execution of the Work. Additional copies will be furnished, upon request, at the cost of reproduction.

3.3 The Contractor will keep one record copy of all Specifications, Drawings, Addenda, Modifications, and Shop Drawings at the site in good order and annotated to show all changes made during the construction process. These shall be available to the County and/or County Project Representatives.

### **4.0 WORK BY OTHERS**

4.1 The County may perform additional work related to the project by itself, or the County may let other direct contracts therefore, which shall contain General Conditions similar to these. The Contractor shall afford the other Contractors who are parties to such direct contracts (or the County, if it is performing the additional work) reasonable opportunity for the introduction and storage of materials and equipment and the execution of work and shall properly connect and coordinate his work with theirs.

- 4.2 If any part of the Contractor's Work depends for proper execution or results upon the work of any such other Contractor (or the County), the Contractor will inspect and promptly report to the Engineer in writing any defects or deficiencies in such work that render it unsuitable for such proper execution and results. His failure to so report shall constitute an acceptance of the other work as to be fit and proper for the relationship of his Work, except as to defects and deficiencies which may appear in the other work after the execution of his Work.
- 4.3 The Contractor will do all cutting, fitting and patching of his Work that may be required to make its several parts come together properly and fit it to receive or be received by such other work. The Contractor will not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the Engineer.
- 4.4 If the performance of additional work by other contractors or the County is not noted in the Contract Documents prior to the award of the contract, written notice thereof shall be given to the Contractor prior to starting any such additional work. Contractor work schedules shall be adjusted to allow for any necessary utility adjustments identified prior to start of work. If the Contractor believes that the performance of such additional work by the County or others involves him in additional expense or entitles him to an extension of the Contract Time, he may make a claim therefore as provided in **Section D**, Paragraphs 15-17.

## 5.0 **RESPONSIBLE AGENT**

- 5.1 The Contractor shall designate and submit a responsible agent and alternate as necessary, for all dealings, communications, or notices or contracts between the County and the contractor, **Section H, Exhibit G**.
- 5.2 The Engineer will be the responsible agent for the County. Any notice or communication to or from the responsible agent shall be deemed to be a communication to the contractor.
- 5.3 A letter when addressed and sent by certified list mail to either part, at its business herein, will constitute notice required in this bid or contract.

## 6.0 **ACCIDENT PREVENTION**

- 6.1 Precaution shall be exercised at all times for the protection of employees, other persons and property.
- 6.2 Contractor's employees shall report to their superintendent any hazardous conditions or items in need of repair noted during the performance of work. Said superintendent shall thereupon notify the responsible agent or his designee of such conditions.

## 7.0 **SUBCONTRACTS**

- 7.1 With the Bid Proposal, the successful Bidder will have submitted to the County and the Engineer for acceptance, a list of the names of proposed Subcontractors and suppliers. Prior to the execution and delivery of the Agreement, the Engineer will notify the successful Bidder in writing if either the County or the Engineer, after due investigation, has reasonable objection to any Subcontractor, person or organization on such list. The failure of the County or the Engineer to make objection to any Subcontractor, person or organization on the list prior to the execution and delivery of the Agreement shall constitute an acceptance of such Subcontractor, person or organization. Acceptance of any such Subcontractor, person or organization shall not constitute a waiver of any right of the County or the Engineer to reject Work, material or equipment that is either defective or not in conformance with the requirements of the Contract Documents.
- 7.2 If, prior to the execution and delivery of the Agreement, the County or the Engineer has reasonable objection to and refuses to accept any Subcontractor, person or organization on such list, the successful Bidder may, prior to such execution and delivery, either (i) submit an acceptable substitute without an increase in his Bid price, or (ii) withdraw his Bid and forfeit any Bid security. If, after the execution and delivery of the Agreement, the County or the Engineer refuses to accept any Subcontractor, person or organization on such list, the Contractor will submit an acceptable substitute, the Contract Price shall be increased or decreased by the difference in cost occasioned by such substitution and an appropriate Change Order shall be issued. No such increase in the Contract Price shall be allowed if the disputed Subcontractor was not identified on the Subcontractor list submitted prior to award of the Contract.
- 7.3 The Contractor will not employ any Subcontractor (whether initially or as a substitute) against whom the County or the Engineer may have reasonable objection, nor will the Contractor be required to employ any Subcontractor against whom he has reasonable objection. The Contractor will not make any substitution for any Subcontractor who has been accepted by the County and the Engineer, prior to written concurrence by the Engineer.

- 7.4 The Contractor will be fully responsible for all acts and omissions of his Subcontractors and of persons directly or indirectly employed by them and of persons for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between any Subcontractor and the County or the Engineer or any obligation on the part of the County or the Engineer to pay or to see to the payment of any monies due any Subcontractor, except as may otherwise be required by law. The Director may furnish to any Subcontractor, to the extent practicable, evidence of amounts paid to the Contractor as compensation for specific Work performed.
- 7.5 The divisions and sections of the Specifications and the identifications of any Drawings shall not control the Contractor in dividing the Work among Subcontractors or delineating the Work to be performed by any trade.
- 7.6 The Contractor agrees to specifically bind every Subcontractor to all of the applicable terms and conditions of the Contract Documents. Every Subcontractor, by undertaking to perform any of the Work, will thereby automatically be deemed to be bound by such terms and conditions.

## 8.0 **CONFLICT OF INTEREST**

- 8.1 Neither the Contractor 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 Contractor 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 Contractor, the Contractor, with prior approval of the County, 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 Contractor or the locality relating to such contract, subcontract or arrangement. The Contractor shall insert in each of their subcontracts, the following provision:

8.1.1 "No member, officer or employee of the Subcontractor 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.

## 9.0 **PHYSICAL AND SUBSURFACE CONDITIONS**

- 9.1 The Engineer will, upon request, furnish to the Contractor copies of all available boundary surveys and subsurface tests.
- 9.2 The Contractor will promptly notify the Engineer in writing of any subsurface or latent physical conditions at the site differing materially from those indicated in the Contract Documents. The Engineer will promptly investigate those conditions and determine if further surveys or subsurface tests are necessary. Promptly thereafter, the Engineer will obtain the necessary additional surveys and tests and furnish copies to the Contractor. If the Engineer finds that the results of such surveys or tests indicate subsurface or latent physical conditions differing significantly from those indicated in the Contract Documents, a Change Order shall be issued incorporating the necessary revisions.

## 10.0 **ENGINEER'S STATUS DURING CONSTRUCTION**

- 10.1 The Engineer shall be the County's representative during the construction period. All instructions of the County to the Contractor shall be issued through the Engineer.
- 10.2 The Engineer will make periodic visits to the site to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. He will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work, nor will he be responsible for the construction means, methods, techniques, sequences, procedures or the safety precautions incident thereto. His efforts will be directed toward providing assurance for the County that the completed project will conform to the requirements of the Contract Documents, but he will not be responsible for the Contractor's failure to perform the Work in accordance with the Contract Documents. On the basis of his on-site observations as an experienced and qualified design professional, he will keep the County informed of the progress of the Work and will endeavor to guard the County against defects and deficiencies in the Work of the Contractor.

- 10.3 The Engineer will have authority to disapprove of or reject Work which is defective; i.e., it is unsatisfactory, faulty or defective, does not conform to the requirements of the Contract Documents or does not meet the requirements of any inspection, test or approval referred to in **Section D**, Paragraph 11. He will also have authority to require special inspection or testing of the Work as provided in **Section D**, Paragraph 13.2, whether or not the Work is fabricated, installed or completed.
- 10.4 Neither the Engineer's authority to act under this **Section D**, Paragraph 9 nor any decision made by him in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the Engineer to the Contractor and Subcontractor, any of their agents or employees or any other person performing any of the Work.

#### 11.0 **ENGINEER'S INTERPRETATIONS AND DECISIONS**

- 11.1 The Engineer will issue with reasonable promptness such written clarifications or interpretations (in the form of drawings or otherwise) as he may determine necessary for the proper execution of the Work. Such clarifications and interpretations are to be consistent with or reasonably inferable from the overall intent of the Contract Documents. If the Contractor believes that a written clarification and interpretation entitles him to an increase in the Contract Price, he may make a claim therefore as provided in **Section D**, Paragraph 16.
- 11.2 The Engineer will be the initial interpreter of the terms and conditions of the Contract Documents and the judge of the performance there under. In his capacity as interpreter and judge he will exercise his best efforts to insure faithful performance by both the County and the Contractor. He will not show partiality to either and shall not be liable for the result of any interpretation or decision rendered in good faith. Claims, disputes and other matters relating to the execution and progress of the Work or the interpretation of or performance under the Contract Documents shall be referred initially to the Engineer for decisions, which he shall render in writing within a reasonable time.

#### 12.0 **TESTS AND INSPECTIONS**

- 12.1 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested or approved by someone other than the Contractor, the Contractor will give the Engineer timely notice of readiness therefore. The Contractor will furnish the Engineer the required certificates of inspection, testing or approval. All such tests will be in accordance with the methods prescribed by the American Society for Testing and Materials or such other applicable organization as may be required by law or the Contract Documents. If any such Work required so to be inspected, tested or approved is covered up without written approval or consent of the Engineer, it must, if directed by the Engineer, be uncovered for observation at the Contractor's expense. The cost of all such inspections, tests and approvals shall be borne by the Contractor unless otherwise provided.
- 12.2 Any Work which fails to meet the requirements of any such test, inspection or approval and any Work which meets the requirements of any such test or approval but does not meet the requirements of the Contract Documents shall be considered defective. Such defective Work may be rejected, corrected or accepted as provided in **Section D**, Paragraph 19.
- 12.3 Neither observations by the Engineer nor inspections, tests, or approvals by persons other than the Contractor shall relieve the Contractor from his obligations to perform the Work in accordance with the requirements of the Contract Documents.

#### 13.0 **CONTRACTOR'S SUPERVISION AND SUPERINTENDENCE**

- 13.1 The Contractor will supervise and direct the Work efficiently and with his best skill and attention. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction. Before undertaking the Work, he will carefully study and compare the Contract Documents and check and verify all figures shown thereon and all field measurements. He will at once report in writing to the Engineer any conflict, error or discrepancy which he may discover. The Contractor will be responsible to see that the finished Work complies accurately with the Contract Documents.
- 13.2 The Contractor will keep on the Work, at all times during its progress, a resident superintendent satisfactory to the Engineer. The superintendent shall not be replaced without the consent of the Engineer, except under extraordinary circumstances. The superintendent will be the Contractor's representative at the site and shall have authority to act on behalf of the Contractor. All communications given to the superintendent shall be as binding as if given to the Contractor.

- 13.3 The Contractor will provide competent, suitably qualified personnel and perform construction as required by the Contract Documents. Survey and layout work shall be performed under direction of a Florida Registered Land Surveyor. Surveyor is required to sign, seal and return the form provided in **Section I Exhibit Z**. He will at all times maintain good discipline and order among his employees at the site.
- 13.4 The Engineer will not be responsible for the acts or omissions of the Contractor, any Subcontractors, any of his or their agents or employees or any other persons performing any of the Work.
- 13.5 The Contractor shall have a responsible person or persons available on a 24-hour basis seven (7) days a week in order that contact can be made in emergencies and in cases where immediate action must be taken to maintain traffic or to overcome any other problem that might arise. The furnishing of a telephone number where such person or persons can be reached outside of normal working hours will constitute compliance with this provision.

#### 14.0 **ACCESS TO THE WORK: UNCOVERING FINISHED WORK**

- 14.1 The Engineer and his representatives and other representatives of the County will at all times have access to the Work. The Contractor will provide proper facilities for such access and observation of the Work and also for any inspection or testing thereof by others.
- 14.2 If any Work is covered contrary to the request of the Engineer, it must, if requested by the Engineer, be uncovered for his observation and replaced at the Contractor's expense.
- 14.3 If any Work has been covered which the Engineer has not specifically requested to observe prior to its being covered, or if the Engineer considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at the Director's request, will uncover, expose or otherwise make available for observation, inspection or testing, that portion of Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective or does not meet the requirements of the Contract Documents, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services. If, however, such Work is found to be non-defective and meets the requirements of the Contract Documents, the Contractor will be allowed an increase in the Contract Price or extension of the Contract Time directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction if he makes a claim therefore as provided in **Section D**, Paragraph 16 and 17.

#### 15.0 **MODIFICATIONS**

- 15.1 This agreement constitutes the entire agreement and understanding between the parties hereto, and it shall not be considered modified, altered, changed or amended in any respect unless in writing and signed by the parties hereto.
- 15.2 The County will not be bound under this agreement for similar or like services being provided by County agencies or for services entered into by the County under a separate agreement.

#### 16.0 **CHANGES IN THE WORK**

- 16.1 Without invalidating the Agreement, the County may, at any time or from time to time, order additions, deletions, or revisions in the Work. These will be authorized by Change Order or Field Change Order as appropriate. Upon receipt of written authorization, the Contractor will proceed with the Work involved. All such Work shall be executed under the applicable conditions of the Contract Documents. If any changes in the Work cause an increase or decrease in the Contract Amount, addition of Pay Items, or an extension or shortening of the Contract Time, an equitable adjustment will be made as provided in **Section D**, Paragraphs 15-17.
- 16.2 The Director may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Change Order. If the Contractor believes that any minor change or alteration authorized by the Director entitles him to an increase in the Contract Price, he may make a claim therefore as provided in **Section D**, Paragraph 16.
- 16.3 Additional work performed by the Contractor prior to written authorization will not automatically entitle him to additional compensation, an increase in the Contract Price, or an extension of the Contract Time.
- 16.4 It is the Contractor's responsibility to notify his surety of any changes affecting the general scope of the Work or change in the Contract Price, and the amount of the applicable Bonds shall be adjusted accordingly. The Contractor will furnish proof of such adjustment to the County.

17.0 CHANGE OF CONTRACT PRICE

- 17.1 The Contract Price constitutes the total compensation payable to the Contractor for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the Contractor shall be at his expense without change in the Contract Price.
- 17.2 The Contract Price may only be changed by a Change Order or Field Change Order. If the Contractor is entitled by the Contract Documents to make a claim for an increase in the Contract Price his notice of intent to file a claim shall be in writing delivered to the Engineer within ten (10) days of the occurrence of the event giving rise to the claim. The claim shall then be delivered to the Engineer in writing within fifteen (15) days after the elimination of the event giving rise to the claims. Change orders and field change orders will be approved by the following procedure:
- 17.2.1 The County Manager may approve change orders and field change orders that, either cumulatively or individually, increase the contract price up to ten percent of the original contract price or \$50,000.00, whichever is less. The board shall approve change orders that, either individually or cumulatively, increase the contract price by more than ten percent of the original contract price or \$50,000.00, whichever is less.
- 17.2.2 The County Manager may approve all change orders and field change orders that do not increase the cost to the County
- 17.2.3 Only the board may approve a change order and field change order that expands the size, function, or intended use of the project from that stated in the contract documents, regardless of cost.
- 17.3 All change orders approved by the County Manager shall be reported to the board as information items to be included in its consent agenda.
- 17.4 The value of any Work covered by a Change Order, for any claim for an increase in the Contract Price, shall be determined in one of the following ways:
- 17.4.1 Where the Work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved.
- 17.4.2 Mutual acceptance of a lump sum or unit price.
- 17.4.3 Cost and a mutually acceptable fixed amount for overhead and profit.
- 17.4.4 If none of the above methods is agreed upon, the value shall be determined on the basis of costs and a percentage for overhead and profit. Costs shall only include labor (payroll, payroll taxes, fringe benefits, workman's compensation, etc.) materials, equipment, and other incidentals directly related to the Work involved. The maximum percentage which shall be allowed for the Contractor's combined overhead and profit, shall be as follows:
- 17.4.4.1 for all such Work done by his own organization, the Contractor may add up to 10% (ten percent) of his actual increase in cost; and
- 17.4.4.2 for all such Work done by Subcontractors, each Subcontractor may add up to 10% (ten percent) of his actual net increase in cost for combined overhead and profit; and the Contractor may add up to 5% (five percent) of the Subcontractor's total for his combined overhead and profit, provided that no overhead or profit shall be allowed on costs incurred in connection with premiums for public liability insurance or other special insurance directly related to such Work. In such case and also under paragraph 16.4.4.1, the Contractor will submit in a form prescribed by the Director an itemized cost breakdown together with supporting data
- 17.4.5 Pay factor adjustments will be adjusted in accordance with details outlined in Section F, Special Conditions.
- 17.5 The amount of credit to be allowed by the Contractor to the County for any such change which results in a net decrease in cost, will be in the amount of the actual net decrease as determined in **Section D**, Paragraph 16.4 and processed by Change Order or Field Change Order.

## 18.0 CHANGE OF THE CONTRACT TIME

- 18.1 The Contract Time may be changed by a Change Order. Contract Time may be changed for Weather Days only in a Field Change Order. If the Contractor is entitled by the Contract Documents to make a claim for an extension in the Contract Time his notice of intent to file a claim shall be in writing delivered to the Engineer within ten (10) days of the occurrence of the event giving rise to the claim. The claim shall then be delivered to the Engineer in writing within fifteen (15) days after the elimination of the event giving rise to the claim. The County Manager may approve any other extension in Contract Time. Contract Time shall not be extended for County designated holidays. Any change in the Contract Time resulting from any such claim shall be incorporated in a Change Order.
- 18.2 The Contract Time will be extended in an amount equal to time lost due to delays beyond the control of the Contractor, if he makes a claim therefore as provided in **Section D**, Paragraph 17.1. Such delays shall include, but not be restricted to, acts of neglect by any separate contractor employed by the County, fires, floods, labor disputes, epidemics, abnormal weather conditions or acts of God.
- 18.3 All time limits stated in the Contract Documents are of essence in the Agreement. The provisions of this **Section D**, Paragraph 17 shall not exclude recovery for damages (including compensation for additional professional services) for delay by either party.

## 19.0 NEGLECTED WORK

- 19.1 If the Contractor should neglect to prosecute the Work in accordance with the Contract Documents, including any requirements of the progress schedule, after three (3) days written notice to the Contractor, the Engineer may, without prejudice to any other remedy he may have, make good such deficiencies, and the cost thereof (including compensation for additional professional services) shall be charged against the Contractor. In this case a Change Order shall be issued incorporating the necessary revisions in the Contract Documents, including an appropriate reduction in the Contract Price. If the payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor will pay the difference to the County.

## 20.0 WARRANTY AND GUARANTEE; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

- 20.1 The Contractor warrants and guarantees to the County and the Engineer that all materials and equipment will be new unless otherwise specified; that all Work will be of good quality and free from faults or defects and in accordance with the requirements of the Contract Documents. All unsatisfactory Work, all faulty or defective Work and all Work not conforming to the requirements of the Contract Documents or of such inspections, tests or approvals shall be considered defective. Prompt notice of all defects shall be given to the Contractor. All defective Work, whether or not in place, may be rejected.
- 20.2 If required by either the Director or the Engineer prior to approval of final payment, the Contractor will promptly, without cost to the County and as required by either the Director or the Engineer, either correct any defective Work, whether or not fabricated, installed or completed, or, if the Work has been rejected by the Engineer, remove it from the site and replace it with nondefective Work. If the Contractor does not correct such defective Work or remove and replace such rejected Work within a reasonable time, all as required by written notice from either the Director or the Engineer, the County may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect cost of such correction or removal and replacement, including compensation for additional professional services, shall be paid by the Contractor, and an appropriate Change Order shall be issued deducting all such costs from the Contract Price. The Contractor will also bear the expenses of making good all Work of others destroyed or damaged by his correction, removal or replacement of his defective Work.
- 20.3 If, after the approval of final payment and prior to the expiration of one year after the date of substantial completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any Work is found to be defective, the Contractor will promptly without cost to the County and in accordance with the County's written instructions either correct such defective Work, or, if it has been rejected by the County, remove it from the site and replace it with nondefective Work. If the Contractor does not promptly comply with the terms of such instructions, the County may have the defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, will be paid by the Contractor.
- 20.4 If, instead of requiring correction or removal and replacement of defective Work, the County prefers to accept it, the County may do so. In such case, the appropriate reduction in the bid item amount shall be negotiated with the Contractor by the Engineer with the appropriate reductions submitted in the application for final payment. In the event the appropriate reduction cannot be negotiated, the provisions of **Section D**, Paragraph 33 shall prevail.

## 21.0 APPLICATIONS FOR PROGRESS PAYMENTS

- 21.1 Not more than once a month, the Engineer will submit to the Contractor for review the application for payment, covering the Work completed as of the date of the application. If payment is requested by the Contractor on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the site or at another location agreed to in writing, the request for payment shall also be accompanied by such supporting data, satisfactory to the Engineer, as will establish 100% of invoice cost. Such payment to the Contractor shall not exceed seventy-five percent (75%) of the Unit Bid Price. Materials missing or damaged, for which partial or total payment has been made, shall be replaced by the Contractor at his expense.
- 21.2 The Contractor warrants and guarantees that title to all Work, materials and equipment covered by an application for payment, whether incorporated in the project or not, will have passed to the County prior to the making of the application for payment, free and clear of all liens, claims, security interests and encumbrances (hereafter in these General Conditions referred to as "liens"). The Contractor further warrants and guarantees that no Work, materials or equipment covered by an application for payment will have been acquired by the Contractor or by any other person performing the Work at the site or furnishing materials and equipment for the Project subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the Contractor or such other person. Non-payment of subcontractors and suppliers will be referred to the Contractor's Surety for resolution. The contractor shall certify compliance with equal employment opportunity provisions and certify disbursements of previous periodic payment to subcontractors with each application on the forms provided.
- 21.3 The Engineer will, within ten (10) days after Contractor concurrence of each application for payment, indicate in writing his approval of payment, less any retainage as specified by contract, and present the application to the Clerk of the Court for payment. The Clerk of the Court will within twenty-five (25) days of receipt of an approved application for payment, pay the Contractor the amount approved by the Engineer in accordance with the Prompt Payment Act.

## 22.0 APPROVAL OF PAYMENTS

- 22.1 The Engineer's approval of any payment requested in an application for payment shall constitute a representation by him to the County, based on the Engineer's on-site observations of the work in progress as an experienced and qualified design professional and on his review of the application for payment and the supporting data, that the Work has progressed to the point indicated; to the best of his knowledge, information and belief, that the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning project upon substantial completion, to the results of any subsequent tests called for in the Contract Document and any qualifications stated in his approval); and that the Contractor is entitled to payment of the amount approved. However, by approving any such payment, the Engineer shall not thereby be deemed to have represented that he made exhaustive or continuous on-site inspections to check the quality or the quantity of the Work; that he has reviewed the means, methods and techniques, sequences and procedures of construction; or that he has made any examination to ascertain how or for what purpose the Contractor has used the monies paid or to be paid to him.
- 22.2 The Engineer's approval of final payment shall constitute an additional representation by him to the County that the conditions precedent to the Contractor's being entitled to final payment, as set forth in **Section D**, Paragraph 21.3, have been fulfilled.
- 22.3 The Engineer may refuse to approve the whole or any part of any payment if, in his opinion, he is unable to make such representations to the County. He may also refuse to approve any such payment, or, because of subsequently discovered evidence or the results of subsequent inspections or tests, may nullify any such payment previously approved, to such extent as may be necessary in his opinion to protect the County from loss because:
- 22.3.1 The Work is defective.
- 22.3.2 Claims have been filed, or there is reasonable evidence indicating the probable filing thereof.
- 22.3.3 The Contract Price has been reduced.
- 22.3.4 The County has been required to correct defective Work or complete the Work in accordance with **Section D**, Paragraph 18, or
- 22.3.5 Unsatisfactory prosecution of the Work, including failure to clean up as required by **Section D**, Paragraph 28.

## 23.0 **FINAL PAYMENT**

- 23.1 Upon notification from the Contractor that the project is complete, the Engineer will make a final inspection with the Contractor and will notify the Contractor in writing of any particulars in which this inspection reveals that the Work is defective. The Contractor shall immediately make such corrections as are necessary to remedy such defects.
- 23.2 After the Contractor has completed any such corrections to the satisfaction of the Engineer and delivered all maintenance and operating instructions, schedules, guarantees, Bonds, certificates of inspection and other documents, all as required by the Contract Documents, he may receive final payment following the procedure for progress payments. The final application for payment shall be accompanied by the Contractor's Affidavit and Release of Lien and Subcontractor/Materialman Waiver and Release of Lien, utilizing the form provided. Nothing in this section waives the rights of the Contractor under Section 255.05(11) F.S. The Engineer will execute a Certificate of Completion and recommend final payment.
- 23.3 If, on the basis of his observation and review of the Work during construction, his final inspection and his review of the final application for payment, all as required by the Contract Documents, the Engineer is satisfied that the Work has been completed and the Contractor has fulfilled all of his obligations under the Contract Documents, he will, within ten (10) days after Contractor concurrence of the final application for payment, indicate in writing his approval of payment and present the application to the Clerk of the Court will within twenty five (25) days of receipt of an approved application for payment, pay the Contractor the amount approved by the Engineer in accordance with the Prompt Payment Act.
- 23.4 If after substantial completion of the Work, final completion thereof is materially delayed through no fault of the Contractor, and the Engineer so confirms, the County shall, upon certification by the Engineer, and without terminating the Agreement, 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 the retainage stipulated in the Agreement, and if Bonds have been furnished as required in **Section D**, Paragraph 27, the written consent of the surety to the 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 the terms and conditions governing final payment, except that it shall not constitute a waiver of claim.

## 24.0 **WAIVERS OF CLAIMS AND CONTINUING OBLIGATIONS**

- 24.1 The Contractor's obligations to perform the Work and complete the project in accordance with the Contract Documents shall be absolute. Neither approval of any progress, nor approval of final payment by the Director, nor the issuance of a certificate of substantial completion, nor any payment by the Clerk of the Court to the Contractor under the Contract Documents, nor any use or occupancy of the project or any part thereof by the County, nor any act of acceptance by the County, nor any failure to do so, nor any correction of faulty or defective work by the County shall constitute an acceptance of Work not in accordance with the Contract Documents.
- 24.2 The making and acceptance of final payment shall constitute:
- 24.2.1 A waiver of all claims by the County against the Contractor, other than those arising from unsettled Liens, from faulty or defective work appearing after final payment or from failure to comply with the requirements of the Contract Documents or the terms of any special guarantees specified therein, and
- 24.2.2 A waiver of all claims by the Contractor against the County, other than those previously made in writing and still unsettled.

## 25.0 **INDEMNIFICATION**

- 25.1 To the maximum extent permitted by Florida law, the Contractor shall defend, indemnify and hold harmless the County and its officers and employees from any and all liabilities, claims, damages, penalties, demands, judgments, actions, proceedings, losses or costs, including, but not limited to, reasonable attorneys' fees and paralegals' fees, whether resulting from any claimed breach of this Agreement by the Contractor or from personal injury, property damage, direct or consequential damages, or economic loss, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the Contractor or anyone employed or utilized by the Contractor in the performance of this Agreement.
- 25.2 The duty to defend under this Article is independent and separate from the duty to indemnify, and the duty to defend exists regardless of any ultimate liability of the Contractor, the County and any indemnified party. The duty to defend arises immediately upon presentation of a claim by any party and written notice of such claim being provided to the

Contractor. The Contractor's obligation to indemnify and defend under this Article will survive the expiration or earlier termination of this Agreement until it is determined by final judgment that an action against the County or an indemnified party for the matter indemnified hereunder is fully and finally barred by the applicable statute of limitations.

25.3 This obligation shall in no way be limited in any nature whatsoever by any limitation on the amount or type of Contractor insurance coverage. This indemnification provision shall survive the termination of the Contract between the County and the Contractor.

25.4 In any and all claims against the County or any of its agents or employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Article shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under workmen's compensation acts, disability benefit acts or employee benefit acts.

## 26.0 **DEFAULT AND TERMINATION**

26.1 The failure of either party to comply with any provision of this agreement shall place that party in default. Prior to terminating this agreement, the non-defaulting party shall notify the defaulting party in writing. Notification shall make specific reference to the provision which gave rise to the default.

26.2 The defaulting party shall be given seven (7) days in which to cure the default. The Engineer is authorized to provide written notice of termination on behalf of the County, and if the default situation is not corrected within the allotted time, the Engineer is authorized to provide final termination notice on behalf of the County to the Contractor.

26.3 The County may terminate this agreement without cause by first providing at least thirty (30) days written notice to the Contractor prior to the termination date. The Engineer is authorized to provide written notice of termination on behalf of the County.

26.4 If the Contractor is adjudged bankrupt, either voluntary or involuntary, the County may terminate the contract effective on the day and at the time the bankruptcy petition is filed and may proceed to provide service as previously outlined.

26.5 In the event funds to finance this contract become unavailable, the County may terminate the contract with no less than twenty-four hours notice in writing to the Contractor. The County shall be the final authority as to the availability of funds.

## 27.0 **SUCCESSORS AND ASSIGNS**

27.1 The County and Contractor each bind the other and their respective successors and assigns in all respects to all of the terms, conditions, covenants, and provisions of this agreement, and any assignment or transfer by the Contractor of its interest in this agreement without the written consent of the County shall be void. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the County or Contractor, nor shall it be construed as giving any right or benefit hereunder to anyone other than the County or the Contractor.

## 28.0 **CONTRACT BONDS**

28.1 The Contractor shall provide Performance and Payment Bonds, in the form prescribed in the Exhibits to the Agreement, in the amount of 100% of the Contract Amount, the costs of which are 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 the County; provided, however, the surety shall be rated as "A-" or better as to general policy holders rating and Class V or higher rating as to financial size category and the amount required shall not exceed 5% 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.

28.2 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 Documents, the Contractor shall, within five (5) calendar days thereafter, substitute another bond and surety, both of which shall be subject to the County's approval.

29.0 **CLEANING UP**

29.1 The Contractor will keep the premises free from accumulations of waste materials, rubbish and other debris resulting from the Work, and, at the completion of the Work, he will remove all waste materials, rubbish and debris from and about the premises, as well as all tools, construction equipment and machinery and surplus materials, leaving the site clean and ready for occupancy by the County. The Contractor will restore to their original condition those portions of the site not designated for alteration by the Contract Documents.

30.0 **COUNTY'S RIGHT TO STOP OR SUSPEND WORK**

30.1 If the Work is defective, if the Contractor fails to supply sufficient skilled workmen or suitable materials or equipment or if the Contractor fails to make prompt payments to Subcontractors for labor, materials or equipment, the County may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated. The Contractor will be allowed no increase in Contract Price or extension of the Contract Time.

30.2 The County may, at any time and without cause, suspend the Work, at any portion thereof, for a period of not more than ninety (90) days by notice in writing to the Contractor, and shall determine the date on which the Work will be resumed. The Contractor will resume the work on the date so determined. The Contractor may be allowed an increase in the Contract Amount or an extension of the Contract Price directly attributable to any suspension provided he makes a claim therefore as provided in **Section D**, Paragraphs 16 and 17.

31.0 **COUNTY'S RIGHT TO TERMINATE**

31.1 If the Contractor is adjudged bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for the Contractor or for any of his property, or if he files a petition to take advantage of any debtors' act, or to reorganize under the bankruptcy or similar laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he fails to make prompt payments to Subcontractors or for labor, materials, or equipment, or if he disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or if he disregards the authority of the Engineer, or he otherwise violates any provisions of the Contract Documents, then the County may, without prejudice to any other right or remedy and after giving the Contractor and his surety seven (7) days written notice, terminate the service of the Contractor and take possession of the project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor, and finish the Work by whatever method he may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the work is finished.

31.2 Where the Contractor's services have been so terminated by the County, said termination shall not affect any rights of the County against the Contractor then existing or which may thereafter accrue. Any retention or payment of monies by the County due the Contractor will not release the Contractor from liability.

31.3 Upon seven (7) days written notice to the Contractor, the County may, without cause and without prejudice to any other right or remedy, elect to abandon the project and terminate the Agreement. In such case, the Contractor shall be paid for all Work executed and any expense sustained plus a reasonable profit.

32.0 **CONTRACTOR'S RIGHT TO STOP WORK OR TERMINATE**

32.1 If, through no act or fault of the Contractor, the Work is suspended for a period of more than ninety (90) days by the County or an order of court or other public authority, or if the Engineer fails to act on any application for payment within thirty (30) days after it is submitted, or if the County fails to pay the Contractor any sum approved by the Engineer or awarded by arbitrators within thirty (30) days of its approval and presentation, then the Contractor may, upon seven (7) days written notice to the County and the Engineer, terminate the Agreement and recover from the County payment for all Work executed and any expense sustained plus a reasonable profit. In addition and in lieu of terminating the Agreement, if the Engineer has failed to act on an application for payment or the County has failed to make payment as aforesaid, the Contractor may, upon seven (7) days notice to the County and the Engineer, stop Work until he has been paid all amounts then due.

33.0 **WORKPLACE VIOLENCE**

33.1 Employees of bidders (or responders for RFP's) are prohibited from committing any act of workplace violence. Violation may be grounds for termination. Workplace violence means the commission of any of the following acts by a bidder's employee.

33.1.1 Battery: intentional offensive touching or application of force or violence to another.

33.1.2 Stalking: willfully, maliciously and repeatedly following or harassing another person.

34.0 **MISCELLANEOUS**

34.1 **WRITTEN NOTICE**

Whenever any provision of the Contract Documents requires the giving of written notice, it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an office of the corporation for whom it is intended or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to him who gives the notice.

34.2 **DUTIES AND OBLIGATIONS**

Imposed by these General Conditions and the rights and remedies available hereunder, and, in particular without limitation, the warranties, guarantees and obligations imposed upon the Contractor by **Section D**, Paragraph 19 and 23 and the rights and remedies available to the County and Engineer thereunder, shall be in addition to and not a limitation of any otherwise imposed or available by law, by special guarantee or other provisions of the Contract Documents.

34.3 **GOVERNING LAW**

The Contract Document shall be governed by the law of the State of Florida.

34.4 **POLLUTION ABATEMENT**

The Contractor shall comply with all Federal, State and Local laws and regulations controlling pollution of the environment. He shall take necessary precautions to prevent pollution of streams, lakes and ponds with fuels, oils, bitumens, chemicals and other harmful materials. He shall take necessary measures to minimize soil erosion.

34.5 **INJURY OR DAMAGE TO PEOPLE OR PROPERTY**

Should the County or the Contractor suffer injury or damage to its person or property because of any error, omission or act of the other or of any of his employees or agents or others for whose acts he is legally liable, claim shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage.

34.6 **HEALTH CONSIDERATIONS**

The Contractor shall provide and maintain, in a neat and sanitary condition, such accommodations for the use of his employees as are necessary to comply with the requirements and regulations of the State and Local Boards of Health. He shall commit no public nuisance.

34.7 **ASSIGNMENT OF INTEREST** –Any individual or firm shall not assign any interest in the contract and shall not transfer any interest in the same without prior written consent of the County.

34.8 **BOOKS AND PROJECT RECORDS** –

34.8.1 All records relating in any manner whatsoever to the project, which are in the possession of the Contractor, shall be made available to the County for inspection and copying upon written request of the County, and shall be kept for a period of five (5) years. or fifteen (15) years if related to a capital improvement project, after the completion of all work to be performed, or as required by Chapter 119, Florida Statutes (Public Records Act) and schedules published by the Florida Bureau of Archives and Records Management, or federal requirements, whichever shall be greater. Additionally, said records shall be made available, upon request by the County, to any state, federal, or other regulatory authorities and any such authority may review, inspect and copy such records, except as considered confidential under Chapter 119, Florida Statutes.

34.8.2 Any document submitted to the County may be a public record and be open for inspection or copying by any person or entity. In Florida “public records” are defined as all documents, papers, letters, maps, books, tapes, photographs, films, sound recordings, data processing software, or other material, regardless of the physical form, characteristics, or means of transmission, made or received pursuant to law or ordinance or in connection with the transaction of official business by any agency. Section 119.011(11), Florida Statutes. A document is subject to inspection and copying unless it falls under one of the public records exemptions created under Florida law.

34.8.3 The Contractor states now or may claim at some time during the term of this agreement or license, that some or all of the Contractor’s information, including but not limited to software, documentation, manuals, written methodologies and processes, or pricing, discounts or other considerations (collectively the “Confidential Information” or “CI”), is considered, or has been treated as, confidential and proprietary by the Contractor in accordance with section 812.081 Florida Statutes, or other law, and is thus confidential and exempt from disclosure under the Public Records Act. The Contractor shall clearly identify and mark such information as

confidential, proprietary and exempt from disclosure. County will make its best efforts to maintain the confidentiality of the CI once it has been properly identified as CI by the Contractor.

34.8.4 The County shall provide the Contractor prompt written notice of any request received by it for disclosure of the CI so that the Contractor may assert any exemption from disclosure under applicable law that may be available to them or seek to obtain a protective order against disclosure. The Contractor agrees to protect, defend, indemnify, and hold the County, its officers, employees and agents free and harmless from and against any and all claims or judgments arising out of a request to inspect or copy the CI. The Contractor agrees to investigate, handle, respond to, provide defense (including payment of attorney fees, court costs, and expert witness fees and expenses up to and including any appeal) for and defend any such claim at its sole cost and expense through counsel chosen by the County and agrees to bear all other costs and expenses related thereto, even if they (claims, etc.) are groundless, false, or fraudulent. Upon completion of this Agreement, the provisions of this paragraph shall continue to survive. The Contractor releases County from claims or damages related to disclosure by County.

34.8.5 If Contractor refuses to perform its duties under this section within 14 calendar days of notification by County that a demand has been made to disclose Contractor's CI, then Contractor waives its claim that any of its information is CI, and releases County from claims or damages related to the subsequent disclosure by County.

34.9 NON WAIVER – The failure of either party to exercise any right shall not be considered a waiver of such right in the event of any further default or non-compliance.

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## **SECTION F – SPECIAL CONDITIONS**

### **F-01 GENERAL**

All work shall be performed in accordance with the design plans and the most current FDOT Standard Specifications for Road and Bridge Construction, except as provided for in these "Special Conditions" or the "Modifications to the FDOT Standard Specifications for Road and Bridge Construction". Deviation from these standards will be permitted only upon presentation of specific written authorization by the County.

Whenever, in the Florida Department of Transportation's Standard Specifications for Road and Bridge Construction, the following terms or their pronouns occur, they shall be defined as follows: Department of Transportation: Board of County Commissioners of Columbia County, Florida, or its duly authorized representative.

State Highway Engineer, State Transportation Engineer, District Engineer, Engineer of Materials and Tests, Engineer, Inspector: The Columbia County Engineer.

### **F-02 STANDARD DOCUMENTS**

Construction shown on the Drawings shall conform to the technical portions of the: Florida Department of Transportation Standard Specifications for Road and Bridge Construction, July 2021 edition, the Florida Greenbook, 2018 edition and the Americans with Disabilities Act Guidelines, except when otherwise indicated hereinafter and the drawings reference Index Sheets and Standards which are the FDOT FY 2023-2024 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IR's).

References to Article Numbers, hereinafter, apply to the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, FY 2023-2024 edition.

All traffic control devices and procedures shall conform to the FDOT and/or Federal Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), 2018 edition.

### **F-03 MODIFICATIONS TO THE FDOT STANDARD SPECIFICATIONS**

All work on the roadway portion of this Contract shall conform to the applicable technical specifications of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, FY 2023-24 edition, and the current edition of Supplemental Specifications thereto, except as modified and supplemented in the Specifications Package for Financial Project ID: 447473-1-58-01 which is contained in **Attachment "B"** to this bid package. Attachment "B" is hereby incorporated in its entirety to these Contract Documents.

### **F-04 DISCREPANCIES**

In cases of discrepancy in this bid advertisement, the governing order of the documents is as follows:

1. Bid addendums.
2. Attachment "A"
3. Attachment "B"
4. Section F of this document
5. Attachment "C"
6. Section D of this document
7. FDOT Standard Specifications for Road and Bridge Construction
8. FDOT Standard Plans for Road and Bridge Construction
9. Section C of this document
10. Section B of this document

### **F-05 LAYING OUT THE WORK**

The Contractor shall be responsible for establishing all lines and grades together with all reference points as required by the various trades for all work under this Contract. All required layout, both horizontal and vertical, shall be completed under the supervision of a Land Surveyor, who is registered in the State of Florida and noted as such (**see Surveyor's License Confirmation Form Exhibit Z**). The construction plans and right-of-way maps, if available, are at the Public Works Department for review. Survey control points disturbed or destroyed by the Contractor shall be replaced by the Contractor's Surveyor at the Contractor's expense. Survey monuments, markers or other survey control points, which will be removed by construction, shall

be properly referenced to the right-of-way line prior to removal. Reference monumentation for all survey control shall be provided to the County upon project completion. All required survey shall be incidental to the work

#### **F-06 PRECONSTRUCTION CONFERENCE**

At the preconstruction conference, the Contractor shall present his proposed schedules for construction of the project. The Contractor shall also present any special traffic control plans, which may be required, and any special erosion control plans which may be required by design plans, specifications, or applicable permits.

#### **F-07 CONCRETE MIX DESIGNS**

Mix designs shall be the responsibility of the Contractor. Mix designs shall be currently approved by FDOT.

#### **F-08 INDEMNIFICATION**

Section 25 of the General Conditions shall be replaced with the following:

To the extent provided by law, CONTRACTOR or its SUBCONTRACTORS shall indemnify, defend, and hold harmless the COUNTY and the State of Florida, Department of Transportation, including the Department's officers, agents, and employees, against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful act(s) of COUNTY, or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by the COUNTY hereunder, to the extent and within the limitations of Section 768.28, Florida Statutes.

The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28. Nor shall the same be construed to constitute agreement by the CONTRACTOR or its SUBCONTRACTORS to indemnify the COUNTY for the negligent acts or omissions of the CONTRACTOR or its SUBCONTRACTORS, its officers, agents, or employees, or third parties. Nor shall the same be construed to constitute agreement by the CONTRACTOR or its SUBCONTRACTORS to indemnify the Department for the negligent acts or omissions of the Department, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement.

## SECTION G - INSURANCE

### 1.0 INSURANCE REQUIREMENTS/CERTIFICATES OF INSURANCE

- (1) The Contractor shall obtain and maintain such insurance as will protect it from: (1) claims under worker's compensation laws, disability benefit laws, or other similar employee benefit laws; (2) claims for damages because of bodily injury, occupational sickness or disease or death of his employees including claims insured by usual personal injury liability coverage; (3) claims for damages because of bodily injury, sickness or disease, or death of any person other than his employees including claims insured by usual personal injury liability coverage; and (4) from claims for injury to or destruction of tangible property including loss of use resulting there from -- any or all of which claims may arise out of, or result from, the services, work and operations carried out pursuant to and under the requirements of the Contract Documents, whether such services, work and operations be by the Contractor, its employees, or by subcontractor(s), or anyone employed by or under the supervision of any of them, or for whose acts any of them may be legally liable.
- (2) This insurance shall be obtained and written for not less than the limits of liability specified hereinafter, or as required by law, whichever is greater.
- (3) The Contractor shall require and shall be responsible for assuring throughout the time the Agreement is in effect, that any and all of its subcontractors obtain and maintain until the completion of that subcontractor's work, such of the insurance coverages described herein as are required by law to be provided on behalf of their employees and others.
- (4) The Contractor shall obtain, have and maintain during the entire period of the Agreement insurance policies, which contain the following information and provisions:
  - (A) The name and type of policy and coverages provided;
  - (B) The amount or limit applicable to each coverage provided;
  - (C) The date of expiration of coverage;
  - (D) The designation of the COUNTY as an additional insured and a certificate holder. (This requirement may be excepted for Worker's Compensation and professional liability Insurance.);
  - (E) The following clause must appear on the Certificate of Insurance:

Should any material change occur in any of the above described policies or should any of said policies be canceled before the expiration date thereof, the issuing company will mail at least thirty (30) days written notice to the COUNTY.

- (5) If the initial, or any subsequently issued Certificate of Insurance expires prior to the completion of the Work or termination of the Agreement, the Contractor shall furnish to the COUNTY, in triplicate, renewal or replacement Certificate(s) of Insurance not later than thirty (30) calendar days prior to the date of their expiration. Failure of the Contractor to provide the COUNTY.

with such renewal certificate(s) shall be considered justification for the COUNTY to terminate the Agreement.

(6) Contractor shall include the COUNTY, the COUNTY's agents, officers and employees in the Contractor's General Liability and Automobile Liability policies as additional insureds.

(7) If the COUNTY has any objection to the coverage afforded by other provisions of the insurance required to be purchased and maintained by Contractor in accordance with the requirements of the Contract Documents on the basis of its not complying with the Contract Documents, the COUNTY shall notify Contractor in writing thereof within thirty (30) days of the delivery of such certificates to the COUNTY. Contractor shall provide to the COUNTY such additional information with respect to its insurance as may be requested.

(8) The Contractor shall obtain and maintain the following insurance coverages as provided hereinbefore, and in the type, amounts and in conformance with the following minimum requirements:

**WORKER'S COMPENSATION [REVISE AS NEEDED TO MEET COUNTY'S REQUIREMENTS]**

State: Statutory

Applicable Federal:

(e.g. Longshoremen's) Statutory

Employer's Liability: \$1,000,000.00

**2.0 COMPREHENSIVE GENERAL LIABILITY**

Bodily Injury: \$1,000,000.00 Each Occurrence

Property Damage: \$1,000,000.00 Each Occurrence

Comprehensive General Liability Insurance shall include:

Contractual Liability, Explosion, Collapse and Underground Coverages and Products and Completed Operations Coverages.

**3.0 COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily Injury: \$1,000,000.00 Each Occurrence

Property Damage: \$1,000,000.00 Each Occurrence

Comprehensive Automobile Liability shall include coverage for any owned auto, non-owned autos and hired autos.

**SECTION H – BID FORMS**

**EXHIBIT A**

**BID FORM**

**BID No. 2024-10 – CR 240 from SR 247 to CR 131**

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

Board of County Commissioners  
Columbia County, Florida  
Lake City, Florida

Dear Commissioners:

The undersigned, as Bidder, hereby declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done, and that he has examined the plans and Specifications for the Work and comments hereto attached. The Bidder further declares that the only persons, company or parties interested in this Bid or the contract to be entered into, as principals, are named herein; that this Bid is made without connection with any other person, company or parties making a Bid; and it is in all respects fair and in good faith and without collusion or fraud.

The Bidder proposes and agrees, if this Bid is accepted, to contract with Columbia County, Florida, through the Board of County Commissioners, Lake City, Florida, in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, labor and service necessary to complete the work covered by the Bid and Contract Documents for: **BID No. 2024-10 – CR 240 from SR 247 to CR 131** to furnish the prescribed Performance and Payment Bond for not less than one hundred ten percent (110%) of the bid price; and to furnish the required evidence of the specified insurance.

The undersigned further agrees that in case of failure on his part to execute said contract within thirty (30) consecutive calendar days after written notice being given of award of contract, the certified or cashier's check or bid bond accompanying this bid, and money payable thereon, shall be paid into funds of the Columbia County Board of County Commissioners, Lake City, Florida, as liquidated damages for such failure; otherwise, the check or bid bond accompanying this proposal shall be returned to the undersigned.

The undersigned agrees to commence work as set forth in the Notice to Proceed and to reach substantial completion within **70** calendar days from the date on which work commences and final completion within **30** calendar days thereafter. If the Contractor fails to complete the work within the specified time, the Contractor agrees to pay the County liquidated damages per calendar day as for substantial completion and final completion in accordance with Section 8-10 of the LAP Specification.

Attached is a list of similar projects and a list of Subcontractors as covered in the Instructions to Bidders.

The Bidder agrees to accept in full compensation for each item the prices named in the schedule incorporated herein and attached as "Bid Schedule". The Bidder understands that the quantities shown on the "Bid Schedule" are approximate only and subject to increase or decrease. Should they be increased or decreased, work will be performed at the unit price bid herein. Actual quantities will be determined upon completion of the work.

In addition the contractor certifies the following statements:

#### Non-Collusion Provision

The undersigned hereby certifies, to the best of his or her knowledge and belief, that on behalf of the person, firm, association, or corporation submitting the bid certifying that such person, firm, association, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with the submitted bid. Failure to submit the executed statement as part of the bidding documents will make the bid nonresponsive and not eligible for award consideration.

#### Lobbying Certification

The undersigned hereby certifies, 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 either directly or indirectly an officer or employee of any state or 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 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-L "Disclosure Form to Report Lobbying", in accordance with its instructions.
- (c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. 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, US Code. Any persons 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 failure.

#### Certification of Nonsegregated Facilities - 41 CFR Part 60-1.8

##### Notice to Prospective Federally Assisted Construction Contractors

1. A Certification of Non-segregated Facilities shall be submitted prior to the award of a federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.
2. Contractors receiving federally-assisted construction contract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of the following notice to prospective subcontractors for supplies and construction contracts where the

subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause.

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

#### Notice to Prospective Subcontractors of Requirements for Certification of Non-Segregated Facilities

1. A Certification of Non-segregated Facilities shall be submitted prior to the award of a subcontract exceeding \$10,000, which is not exempt from the provisions of the Equal Opportunity Clause.
2. Contractors receiving subcontract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of this notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause. NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

#### Certification of Non-segregated Facilities

The federally-assisted construction contractor certifies that she or he does not maintain or provide, for his employees, any segregated facilities at any of his establishments and that she or he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally-assisted construction contractor certifies that she or he will not maintain or provide, for his employees, segregated facilities at any of his establishments and that she or he will not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The federally-assisted construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract.

As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms, and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directives or are, in fact, segregated on the basis of race, color, religion, or national origin because of habit, local custom, or any other reason. The federally-assisted construction contractor agrees that (except where she or he has obtained identical certifications from proposed subcontractors for specific time periods) she or he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that she or he will retain such certifications in his files.

#### Suspension and Debarment

The Bidder certifies that, neither the 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 s29.110(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 it 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.

The Bidder certifies that it 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 project by any federal agency unless authorized by the Florida Department of Transportation.

**BID No. 2024- 10 – CR 240 from SR 247 to CR 131**

\_\_\_\_\_ **BIDDER**

**Attest:**

\_\_\_\_\_ **BY:** \_\_\_\_\_

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

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

\_\_\_\_\_ **Address**

**ADDENDA**

The Bidder hereby acknowledges that he has received Addenda Number(s): \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, Bidder shall insert Number of each Addendum received and agrees that all addenda issues are hereby made part of the Contract Documents, and the Bidder further agrees that his Bid(s) includes all impacts resulting from said Addenda.

**BIDDER**

**Attest:**

\_\_\_\_\_ **BY:** \_\_\_\_\_

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

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

**BID SCHEDULE****BID No. 2024-10 – CR 240 from SR 247 to CR 131**

ITEM NO.	FDOT PAY ITEM NO.	DESCRIPTION	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT BID (EXT TOTAL)
1	0101- 1	MOBILIZATION	1	LS		
2	0102- 1	MAINTENANCE OF TRAFFIC	1	LS		
3	0102- 60	WORK ZONE SIGN	3,700	ED		
4	102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	16,500	ED		
5	0102- 99	PORTABLE CHANGEABLE MESSAGE SIGN – TEMPORARY	456	ED		
6	0102- 115	TYPE III BARRICADE	400	ED		
7	0546- 71- 1	RAISED RUMBLE STRIP SET-PERMANENT	8	EA		
8	0634- 4152	SPAN WIRE ASSEMBLY, F&I, TWO POINT, DIAGONAL	1	PI		
9	0650- 2109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT – FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	20	EA		
10	0700- 1111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	96	EA		
11	0700- 1500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	1	EA		
12	0700- 1600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	35	EA		
13	0700- 3501	SIGN PANEL, RELOCATE, UP TO 12 SF	7	EA		
14	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	51	EA		
15	0711- 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	130	LF		
16	0711- 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	14	EA		
<b>TOTAL BID AMOUNT</b>						

**NOTE:** This bid is a unit price bid based on estimated quantities. Final payment shall be based upon actual field measurement of quantities

List of Unit Abbreviations:

SY Square Yards	GL Gallons	SD Side Drain
LS Lump Sum	MG Thousand Gallons	ED Each Day
CY Cubic Yards	GM Gross Miles	CD Cross Drain
EA Each	LF Linear Feet	AS Assembly
TN Tons	NM Net Miles	RCP Reinforced Conc. Pipe
HR Hour	PI Per Intersection	AC Acre

Bidders: \_\_\_\_\_ Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Clearly Print Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Date: \_\_\_\_\_

E-mail Address: \_\_\_\_\_



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**BID OPPORTUNITY LIST FOR COMMODITIES & CONTRACTUAL SERVICES**

375-040-62  
PROCUREMENT  
01/16

Prime Contractor: \_\_\_\_\_

Address/Phone Number: \_\_\_\_\_

Procurement Number: \_\_\_\_\_

49 CFR Part 26.11 The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. This list must include all subcontractors contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, and 7 for themselves, and their subcontractors.

1. Federal Tax ID Number: \_\_\_\_\_  
2. Firm Name: \_\_\_\_\_  
3. Phone: \_\_\_\_\_  
4. Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
5. Year Firm Established: \_\_\_\_\_

6.  DBE  
 Non-DBE

7. Annual Gross Receipts  
 Less than \$1 million  
 Between \$1 - \$5 million  
 Between \$5 - \$10 million  
 Between \$10 - \$15 million  
 More than \$15 million

1. Federal Tax ID Number: \_\_\_\_\_  
2. Firm Name: \_\_\_\_\_  
3. Phone: \_\_\_\_\_  
4. Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
5. Year Firm Established: \_\_\_\_\_

6.  DBE  
 Non-DBE

7. Annual Gross Receipts  
 Less than \$1 million  
 Between \$1 - \$5 million  
 Between \$5 - \$10 million  
 Between \$10 - \$15 million  
 More than \$15 million

1. Federal Tax ID Number: \_\_\_\_\_  
2. Firm Name: \_\_\_\_\_  
3. Phone: \_\_\_\_\_  
4. Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
5. Year Firm Established: \_\_\_\_\_

6.  DBE  
 Non-DBE

7. Annual Gross Receipts  
 Less than \$1 million  
 Between \$1 - \$5 million  
 Between \$5 - \$10 million  
 Between \$10 - \$15 million  
 More than \$15 million

1. Federal Tax ID Number: \_\_\_\_\_  
2. Firm Name: \_\_\_\_\_  
3. Phone: \_\_\_\_\_  
4. Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
5. Year Firm Established: \_\_\_\_\_

6.  DBE  
 Non-DBE

7. Annual Gross Receipts  
 Less than \$1 million  
 Between \$1 - \$5 million  
 Between \$5 - \$10 million  
 Between \$10 - \$15 million  
 More than \$15 million

**AS APPLICABLE, PLEASE SUBMIT THIS FORM WITH YOUR:**

**BID SHEET (Invitation to Bid – ITB)  
PRICE PROPOSAL (Request for Proposal – RFP)  
REPLY (Invitation to Negotiate – ITN)**

**DRUG FREE WORKPLACE**

All factors in the bidding process being equal, both as to dollar amount and ability to perform, priority will be given, first, to those vendors certifying a drug-free workplace.

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

\_\_\_\_\_  
Name of Business

does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

\_\_\_\_\_  
Bidder's Signature

\_\_\_\_\_  
Date

**BIDDER'S QUESTIONNAIRE**

Bidder's Name: \_\_\_\_\_

Bidder's Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Number of years in this type of service? \_\_\_\_\_ Number of years licensed in Columbia County: \_\_\_\_\_

Number of employees "ON THE JOB" each week: \_\_\_\_\_ Number of employees "ON CALL" each week: \_\_\_\_\_

Are you FDOT Prequalified for this work? Yes \_\_\_ No \_\_\_ If so, MyFlorida MarketPlace Number: \_\_\_\_\_

Will you subcontract any part of this work: Yes \_\_\_ No \_\_\_ If so, give details: \_\_\_\_\_

List all major equipment which will be available upon commencement of the agreement to perform the required service:

Do you currently hold any municipality contracts: Yes \_\_\_ No \_\_\_ If so, please indicate below:

List three references of firms receiving similar service to that requested in this bid (comparable facility size):

- 1) Firm: \_\_\_\_\_ Phone: \_\_\_\_\_  
Contact Person: \_\_\_\_\_
- 2) Firm \_\_\_\_\_ Phone: \_\_\_\_\_  
Contact Person: \_\_\_\_\_
- 3) Firm: \_\_\_\_\_ Phone: \_\_\_\_\_  
Contact Person: \_\_\_\_\_

Are your employees screened by: (indicate) \_\_\_\_\_

- 1) Polygraph \_\_\_\_\_
- 2) General Interview \_\_\_\_\_
- 3) Background Investigation \_\_\_\_\_
- 4) Police Record Check \_\_\_\_\_
- 5) Additional \_\_\_\_\_

Have any leases, contracts or agreements for services held by your firm ever been canceled or terminated before the end of the term by either party: Yes \_\_\_ No \_\_\_\_\_. If the answer is yes, state the location and circumstances on an "attachment" to this questionnaire.

What constitutes your normal business days and working hours: \_\_\_\_\_

Describe in the spaces provided, your firm's operational plan for providing the services under this agreement:

The undersigned swears to the truth and accuracy of all statements and answers contained herein:

DATE: \_\_\_\_\_ AUTHORIZED SIGNATURE: \_\_\_\_\_

**QUALIFICATION STATEMENT**

**1. SUBMITTED BY:**

Official Name of Firm: \_\_\_\_\_

Address: \_\_\_\_\_

**2. SUBMITTED TO:** \_\_\_\_\_

**3. SUBMITTED FOR:** \_\_\_\_\_

Owner: \_\_\_\_\_

Project Name: \_\_\_\_\_

**TYPE OF WORK:** \_\_\_\_\_

**4. CONTRACTOR'S CONTACT INFORMATION**

Contact Person/Title: \_\_\_\_\_

Phone/Email: \_\_\_\_\_

**5. AFFILIATED COMPANIES:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

**6. TYPE OF ORGANIZATION:**

SOLE PROPRIETORSHIP

Name of Owner: \_\_\_\_\_

Doing Business As: \_\_\_\_\_

Date of Organization: \_\_\_\_\_

PARTNERSHIP

Date of Organization: \_\_\_\_\_

Type of Partnership: \_\_\_\_\_

Name of General Partner(s): \_\_\_\_\_

\_\_\_\_\_

CORPORATION

State of Organization: \_\_\_\_\_

Date of Organization: \_\_\_\_\_

Executive Officers:

- President: \_\_\_\_\_

- Vice President(s): \_\_\_\_\_

- Treasurer: \_\_\_\_\_

- Secretary: \_\_\_\_\_

LIMITED LIABILITY COMPANY

State of Organization: \_\_\_\_\_

Date of Organization: \_\_\_\_\_

Members: \_\_\_\_\_

JOINT VENTURE

Sate of Organization: \_\_\_\_\_

Date of Organization: \_\_\_\_\_

Form of Organization: \_\_\_\_\_

Joint Venture Managing Partner

- Name: \_\_\_\_\_

- Address: \_\_\_\_\_

Joint Venture Managing Partner

- Name: \_\_\_\_\_

- Address: \_\_\_\_\_

Joint Venture Managing Partner

- Name: \_\_\_\_\_

- Address: \_\_\_\_\_

**7. LICENSING**

Jurisdiction: \_\_\_\_\_

Type of License: \_\_\_\_\_

License Number: \_\_\_\_\_

Jurisdiction: \_\_\_\_\_

Type of License: \_\_\_\_\_

License Number: \_\_\_\_\_

**8. CERTIFICATIONS**

CERTIFIED BY:

Local Business: \_\_\_\_\_

Local Small Business: \_\_\_\_\_

Service-Disabled Veteran's Business: \_\_\_\_\_

**9. BONDING INFORMATION**

Bonding Company: \_\_\_\_\_

Address: \_\_\_\_\_

Bonding Agent: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Aggregate Bonding Capacity: \_\_\_\_\_

Available Bonding Capacity as of date of this submittal: \_\_\_\_\_

**10. INTENTIONALLY LEFT BLANK**

**11. CONSTRUCTION EXPERIENCE:**

Has firm listed in Section 1 ever failed to complete a construction contract awarded to it?

YES  NO

If YES, attach as an Attachment details including Project Owner's contact information.

Has any Corporate Officer, Partner, Joint Venture participant or Proprietor ever failed to complete a construction contract awarded to them in their name or when acting as a principal of another entity?

YES  NO

If YES, attach as an Attachment details including Project Owner's contact information.

Are there any judgments, claims, disputes or litigation pending or outstanding involving the firm listed in Section 1 or any of its officers (or any of its partners if a partnership or any of the individual entities if a joint venture)?

YES  NO

If YES, attach as an Attachment details including Project Owner's contact information.

Has firm listed in Section 1 ever been suspended or debarred by any federal, state or local governmental entity in last five (5) years?

YES  NO

If YES, attach as an Attachment details including Project Owner's contact information.

**12. INTENTIONALLY LEFT BLANK**

**13. INTENTIONALLY LEFT BLANK**

I HEREBY CERTIFY THAT THE INFORMATION SUBMITTED HEREWITH, INCLUDING ANY ATTACHMENTS, IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME OF ORGANIZATION: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATED: \_\_\_\_\_

NOTARY ATTEST:

SUBSCRIBED AND SWORN TO BEFORE ME

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC - STATE OF \_\_\_\_\_

MY COMMISSION EXPIRES: \_\_\_\_\_

**REQUIRED ATTACHMENTS**

1. Evidence of authority for individuals listed in Section 6 to bind organization to an agreement.
2. Resumes of officers and key individuals of firm named in Section 6.

**RESPONSIBLE AGENT FORM**

The Contractor shall designate a responsible agent and alternate as necessary, for all dealings, communications, or notices or contracts between the County and the contractor by completing and returning this Responsible Agent Form. Any notice or communication to or from the responsible agent shall be deemed to be a communication to the contractor

RESPONSIBLE AGENT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE NO.: \_\_\_\_\_

FAX NO.: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

ALTERNATE RESPONSIBLE AGENT: \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE NO. \_\_\_\_\_

FAX NO. \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

**FORM OF BID BOND**

**STATE OF FLORIDA  
COUNTY OF COLUMBIA**

KNOW ALL MEN BY THESE PRESENTS:

That we, \_\_\_\_\_ (hereinafter called Bidder), and \_\_\_\_\_ as Surety, are bound to the Board of County Commissioners of Columbia County, Florida, as Obligee hereinafter called COUNTY, in the amount of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), for the payment of whereof BIDDER and Surety bind themselves, their heirs, executors, administrators, successors, and assigns jointly and severally.

WHEREAS, Bidder contemplates submitting or has submitted, as a bid to the COUNTY for furnishing certain materials and labor in connection with the construction of: **BID No. 2024-10– CR 240 from SR 247 to CR 131,** including all incidental and necessary work thereto covered by these specifications.

WHEREAS, it was a condition precedent to the submission of said bid that a certified check or bid bond in the amount of five percent (5%) of the base bid be submitted with said bid as a guarantee that the bidder would, if awarded the contract, enter into a written contract with the COUNTY for the performance of said contract, within ten (10) consecutive calendar days after written notice having been given of the award of the contract.

**THE CONDITION OF THIS BOND IS, if:**

1. The bid of the Bidder is accepted by the COUNTY and within ten (10) consecutive calendar days after written notice of such acceptance, the Bidder shall enter into a written contract with the COUNTY and furnish a contract surety bond in an amount equal to one hundred ten percent (110%) of the base bid, satisfactory to the COUNTY (if required in the detailed specifications), then

**THIS BOND IS VOID; OTHERWISE, IT REMAINS IN FULL FORCE AND EFFECT, AND**

The sum herein stated shall be due and payable to the COUNTY, and the Surety herein agrees to pay said sum immediately upon demand of the COUNTY in good and lawful money of the United States of America, as liquidated damages for failure thereof of said Bidder.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

WITNESSES:

\_\_\_\_\_  
(Name of Corporation)

\_\_\_\_\_  
Secretary

By \_\_\_\_\_  
(Signature and Title)

(CORPORATE SEAL)

\_\_\_\_\_  
(Type Name and Title Signed Above)

IN THE PRESENCE OF:

INSURANCE COMPANY:

\_\_\_\_\_  
(Agent and Attorney-in-Fact)

By

\_\_\_\_\_  
(Street)

Address \_\_\_\_\_

\_\_\_\_\_  
(City/State/Zip Code)

Telephone No. \_\_\_\_\_

**FORM OF PUBLIC PAYMENT BOND**

BOND No. \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS: That \_\_\_\_\_  
\_\_\_\_\_, as Principal, whose principal business address is:

\_\_\_\_\_ and phone number and fax numbers are: \_\_\_\_\_

and \_\_\_\_\_, as Surety, whose principal address is:

\_\_\_\_\_ and phone number and fax numbers are: \_\_\_\_\_ are held

and firmly bound to COLUMBIA COUNTY, FLORIDA (the "COUNTY") as Obligee in the sum of \_\_\_\_\_

\_\_\_\_\_ (\$ \_\_\_\_\_)

for the payment whereof we bind ourselves, our heirs, executors, personal representatives, successors and assigns, jointly and severally.

WHEREAS, Principal has entered into a contract dated as of the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, with Obligee for \_\_\_\_\_ in accordance with drawings and specifications, which contract is incorporated by reference and made a part hereof, and this referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal promptly makes payment to all claimants as defined in Section 255.05(1), Florida Statutes, supplying Principal with labor, materials or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the Contract, then is bond is void; otherwise it remains in full force.

Any changes in or under the Contract and compliance or noncompliance with any formalities connected with the Contract or the changes do not affect Surety's obligation under this Bond.

The provisions of this bond are subject to the time limitations of Section 255.05(2). In no event will the Surety be liable in the aggregate to claimants for more than the penal sum of this Payment Bond, regardless of the number of suits that may be filed by claimants.

IN WITNESS WHEREOF, the above parties have executed this instrument this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the name of each party being affixed and these presents duly signed by its under-signed representative, pursuant to authority of its governing body.

Signed, sealed and delivered in the presence of:

PRINCIPAL: \_\_\_\_\_

(Company Name of Contractor)

By: \_\_\_\_\_ (Officer's Signature)

\_\_\_\_\_ (Officer's Name Printed)

Witnesses as to Principal Name: \_\_\_\_\_ (Signature)

Its: \_\_\_\_\_ (Title)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

by \_\_\_\_\_ (officer's name), as

\_\_\_\_\_ (title) of \_\_\_\_\_, a

\_\_\_\_\_ corporation, on behalf of the corporation. He/she is personally known to me OR has

produced \_\_\_\_\_ as identification and did (did not) take an oath.

My Commission Expires: \_\_\_\_\_

Signature of Notary: \_\_\_\_\_

(Legibly Printed) \_\_\_\_\_

(AFFIX OFFICIAL SEAL) Notary Public, State of \_\_\_\_\_

Commission No.: \_\_\_\_\_

ATTEST: SURETY:

\_\_\_\_\_  
(Printed Company Name)

\_\_\_\_\_  
\_\_\_\_\_  
(Business Address)

\_\_\_\_\_  
(Surety Authorized Signature) (Printed Name)

Witness as to Surety: \_\_\_\_\_ (Signature)

\_\_\_\_\_  
(Printed Name)

**OR**

\_\_\_\_\_  
As Attorney in Fact (Signature) (Printed Name)

**(Attach Power of Attorney)**

Witnessed by: \_\_\_\_\_  
(Signature) (Printed Name)

\_\_\_\_\_  
\_\_\_\_\_  
(Business Address)

\_\_\_\_\_  
(Telephone Number)

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_, by \_\_\_\_\_ (officer's name), as \_\_\_\_\_ (title) of \_\_\_\_\_ Surety, on behalf of Surety. He/She is personally known to me OR has produced \_\_\_\_\_ as identification and who did (did not) take an oath.

My Commission Expires: \_\_\_\_\_

Signature of Notary: \_\_\_\_\_

(Legibly Printed) \_\_\_\_\_

(AFFIX OFFICIAL SEAL) Notary Public, State of \_\_\_\_\_

Commission No: \_\_\_\_\_

This payment bond is executed pursuant to section 255.05, F.S., and claimants must comply with the notice and time limitations of section 255.05(2). F.S.

WHEREAS, Contractor has by written agreement entered into a contract, identified above, with Columbia County, which contract documents are by reference made part hereof, and for the purposes of this Bond are hereafter referred to as the "Contract."

THE CONDITION OF THIS BOND is that if Contractor promptly makes payments to all persons defined in section 713.01, Florida Statutes, who furnish labor, materials and supplies used directly or indirectly by Contractor in the performance of the Contract; then CONTRACTOR'S OBLIGATION SHALL BE VOID; OTHERWISE, IT SHALL REMAIN IN FULL FORCE AND EFFECT.

The surety hereby waives notice of and agrees that any changes in or under the Contract and compliance or noncompliance with any formalities connected with the Contract or the changes do not affect surety's obligation under this bond.

The provisions of this bond are subject to the time limitations of Section 255.05(2). In no event will the Surety be liable in the aggregate to claimants for more than the penal sum of this Payment Bond, regardless of the number of suits that may be filed by claimants.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

**CONTRACTOR (PRINCIPAL)**

Signed, sealed and delivered  
in the presence of:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

Witnesses as to Contractor

Name: \_\_\_\_\_

Title: \_\_\_\_\_

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by  
\_\_\_\_\_, as \_\_\_\_\_ of  
\_\_\_\_\_, a \_\_\_\_\_ corporation, on behalf of the corporation. He/she is  
personally known to me **OR** has produced \_\_\_\_\_ as identification.

Notary Public (Signature) \_\_\_\_\_

Printed Name \_\_\_\_\_ My Commission Expires: \_\_\_\_\_

(AFFIX NOTARY SEAL)

**SURETY**

SIGNATURE: \_\_\_\_\_

SEAL

PRINTED NAME AND TITLE: \_\_\_\_\_ ATTORNEY IN FACT

**FORM OF PERFORMANCE BOND**

BOND NO. \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS: That \_\_\_\_\_  
\_\_\_\_\_, as Principal, whose principal business address is

\_\_\_\_\_  
and phone number is \_\_\_\_\_, and  
\_\_\_\_\_, as Surety, whose principal  
address is \_\_\_\_\_

\_\_\_\_\_  
and phone number is: \_\_\_\_\_ are  
held and firmly bound to Columbia County, Florida (the "COUNTY"), as Obligee in the sum  
of: \_\_\_\_\_

\_\_\_\_\_  
(\$ \_\_\_\_\_) for the payment whereof we bond ourselves, our heirs, executors,  
personal representatives, successors and assigns, jointly and severally.

WHEREAS, Principal has entered into a contract dated as of the \_\_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_, with Obligee for \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_ COLUMBIA COUNTY Project  
No.: \_\_\_\_\_ in accordance with drawings and specifications, which contract is incorporated  
by reference and made a part hereof, and is referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the Contract at the times and in the manner prescribed in the Contract; and
2. Pays Obligee any and all losses, damages, costs and attorneys' fees, including  
appellate proceedings, that Obligee sustains because of any default by Principal under the Contract,  
including, but not limited to, all delay damages, whether liquidated or actual, incurred by Obligee;  
and
3. Performs the guarantee of all work and materials furnished under the Contract for the  
time specified in the Contract, then this bond is void; otherwise it remains in full force.

Any changes in or under the Contract and compliance or noncompliance with any formalities connected  
with the Contract or the changes do not affect Surety's obligation under this Bond.

The Surety, for value received, hereby stipulates and agrees that no changes, extensions of time, alterations or additions to the terms of the Contract or other work to be performed hereunder, or the specifications referred to therein shall in anywise affect its obligations under this bond, and it does hereby waive notice of any such changes, extensions of time, alterations or additions to the terms of the Contract or to work or to the specifications.

This bond is intended to comply with provisions of Section 255.05, Florida Statutes, and all terms and conditions of said statute are incorporated herein by reference thereto, specifically including but not limited to the notice and time limitation provisions of said section. In the event of any conflict, ambiguity or discrepancy between Section 255.05, Florida Statutes, and this Bond, Florida Statutes shall control. No right of action shall accrue on this Bond to or, for the use of any person or entity other than the COUNTY and those persons or corporations provided for by said statute, their heirs, executors, administrators, successors or assigns.

It is further agreed and understood that if the COUNTY is required to initiate legal proceedings to recover on this Bond, the COUNTY may also recover its costs relating there to, including a reasonable amount for its attorney's fees and legal assistant's fees before trial, at trial, on appeal and in bankruptcy.

IN WITNESS WHEREOF, the above parties have executed this instrument this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the name of each party being affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Signed, sealed and delivered  
in the presence of:

PRINCIPAL: \_\_\_\_\_  
(Company Name of Contractor)

By: \_\_\_\_\_(Officers Signature)  
\_\_\_\_\_ (Officers Name Printed)

Witnesses as to Principal Name: \_\_\_\_\_ (Signature)  
Its: \_\_\_\_\_ (Title)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, by \_\_\_\_\_ (officer's name), as \_\_\_\_\_ (title) of \_\_\_\_\_ (company name), a(n) \_\_\_\_\_ (state) corporation, on behalf of the corporation. He/she is personally known to me OR has produced \_\_\_\_\_ as identification and did (did not) take an oath.

My Commission Expires: \_\_\_\_\_

Signature of Notary : \_\_\_\_\_  
(Legibly Printed) \_\_\_\_\_

(AFFIX OFFICIAL SEAL)

Notary Public, State of \_\_\_\_\_

Commission No. \_\_\_\_\_

ATTEST: SURETY:

\_\_\_\_\_  
(Printed Company Name)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_  
(Surety Authorized Signature)

\_\_\_\_\_  
(Printed Name)

Witness as to Surety \_\_\_\_\_ (Signature)

\_\_\_\_\_ (Printed Name)

OR

\_\_\_\_\_  
As Attorney in Fact (Signature)

\_\_\_\_\_  
(Printed Name)

(Attach Power of Attorney)

Witnessed by: \_\_\_\_\_  
(Signature) (Printed Name)

\_\_\_\_\_  
(Business Address) (Telephone Number)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,  
by \_\_\_\_\_ (officer's name), as \_\_\_\_\_ (title)  
of \_\_\_\_\_ Surety, on behalf of Surety. He/She is personally  
known to me OR has produced \_\_\_\_\_ as identification and  
who did (did not) take an oath.

My Commission Expires: \_\_\_\_\_

Signature of Notary : \_\_\_\_\_

(Legibly Printed) \_\_\_\_\_

(AFFIX OFFICIAL SEAL) Notary Public, State of \_\_\_\_\_

Commission No. \_\_\_\_\_

**PUBLIC RECORD DECLARATION OR CLAIM OF EXEMPTION**

As a bidder or proposer, any document you submit to Columbia County may be a public record and be open for personal inspection or copying by any person. In Florida ‘public records’ are defined as all documents, papers, letters, maps, books, tapes, photographs, films, sound recordings, data processing software, or other material, regardless of the physical form, characteristics, or means of transmission, made or received pursuant to law or ordinance or in connection with the transaction of official business by any agency. Section 119.011(11), F.S. A document is subject to personal inspection and copying unless it falls under one of the public records exemptions created under Florida law. Please designate what portion of your bid or proposal, if any, qualifies to be exempt from inspection and copying:

(execute either section I. or II., but not both; bidder may not modify language)

I. NO EXEMPTION FROM PUBLIC RECORDS LAW

No part of the bid or proposal submitted is exempt from disclosure under the Florida public records law, Ch. 119, F.S.

\_\_\_\_\_  
Bidder’s Signature

\_\_\_\_\_  
Date

---OR---

II. EXEMPTION FROM PUBLIC RECORDS LAW AND AGREEMENT TO INDEMNIFY AND DEFEND COLUMBIA COUNTY

The following parts of the bid or proposal submitted are exempt from disclosure under the Florida public records law because: (list exempt parts and legal justification. i.e. trade secret):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

By claiming that all or part of the bid or proposal is exempt from the public records law, the undersigned bidder or proposer agrees to protect, defend, indemnify, and hold the County, its officers, employees and agents free and harmless from and against any and all claims arising out of a request to inspect copy the bid or proposal. The undersigned bidder or proposer agrees to investigate, handle, respond to, provide defense (including payment of attorney fees, court costs, and expert witness fees and expenses up to and including any appeal) for and defend any such claim at its sole cost and expense through counsel chosen by the County and agrees to bear all other costs and expenses related thereto, even if they (claims, etc.) are groundless, false, or fraudulent.

\_\_\_\_\_  
Bidder’s Signature

\_\_\_\_\_  
Date

INTENTIONALLY LEFT BLANK

INTENTIONALLY LEFT BLANK

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 25<sup>th</sup> day of the month, the certificate and report reflect the uncompleted work as of the 15<sup>th</sup> day of the month, last preceding the month of the letting.
2. If the letting is after the 25<sup>th</sup> day of the month, the certificate and report reflects the uncompleted work in progress as of the 15<sup>th</sup> 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 \_\_\_\_\_ day  
of \_\_\_\_\_, 20 \_\_\_\_\_

\_\_\_\_\_  
NAME OF FIRM

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	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**NON-COLLUSION DECLARATION AND  
COMPLIANCE WITH 49 CFR § 29**

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.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES  
ON FEDERAL-AID CONTRACTS  
(Compliance with 49CFR, Section 20.100 (b))**

375-030-33  
PROCUREMENT  
10/01

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"

<b>1. Type of Federal Action:</b> a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> a. bid/offer/application b. initial award c. post-award	<b>3. Report Type:</b> a. initial filing b. material change <b>For Material Change Only:</b> Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
<b>4. Name and Address of Reporting Entity:</b> <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known</i> : _____ _____ _____ Congressional District, <i>if known</i> : 4c _____	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> _____ _____ _____ _____ Congressional District, <i>if known</i> : _____	
<b>6. Federal Department/Agency:</b> _____ _____	<b>7. Federal Program Name/Description:</b> _____ _____ _____ CFDA Number, <i>if applicable</i> : _____	
<b>8. Federal Action Number, if known:</b> _____	<b>9. Award Amount, if known:</b> \$ _____	
<b>10. a. Name and Address of Lobbying Registrant</b> <i>(if individual, last name, first name, MI):</i> _____ _____ _____	<b>b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____	
<b>11.</b> 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): _____	
<b>Federal Use Only:</b>		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.

**SECTION I – CONTRACT ADMINISTRATION FORMS**

<b>NOTICE TO PROCEED</b>	<b>EXHIBIT S</b>
<b>CHANGE ORDER</b>	<b>EXHIBIT T</b>
<b>PAYMENT APPLICATION</b>	<b>EXHIBIT U</b>
<b>CERTIFICATION DISBURSEMENT OF PREVIOUS PERIODIC PAYMENT TO SUBCONTRACTORS</b>	<b>EXHIBIT V</b>
<b>CONTRACTOR'S FINAL AFFIDAVIT &amp; RELEASE OF LIEN</b>	<b>EXHIBIT W</b>
<b>SUBCONTRACTOR/MATERIAL MAN WAIVER &amp; RELEASE OF LIEN</b>	<b>EXHIBIT X</b>
<b>CERTIFICATION OF COMPLETION</b>	<b>EXHIBIT Y</b>
<b>SURVEYOR'S LICENSE CONFIRMATION</b>	<b>EXHIBIT Z</b>

NOTICE TO PROCEED

Date: \_\_\_\_\_

Vendor Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Project: \_\_\_\_\_

Contract Price: \_\_\_\_\_

Account Code: \_\_\_\_\_

Dear (Contact Name)

On (Date), the Board of County Commissioners approved the contract for the subject project. You are herein authorized to proceed with construction of the project on or before (Date). Contract time shall be reckoned from the date you actually start, but no later than the date specified above. Notify this office at least 24 hours prior to beginning work.

Should you have any questions or concerns, please call (County Manager) at (Phone Number).

Sincerely,

\_\_\_\_\_  
Engineer

CC: file  
County Manager  
FDOT PM

CHANGE ORDER FORM

CHANGE ORDER NO.      COLUMBIA COUNTY PROJECT NO.

TO: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

Columbia County Project No. \_\_\_\_\_

Under our AGREEMENT dated \_\_\_\_\_.

\*\*\*\*\*

You hereby are authorized and directed to make the following change(s) in accordance with terms and conditions of the Agreement:

\_\_\_\_\_  
\_\_\_\_\_

FOR THE ADDITIVE or DEDUCTIVE Sum of:

\_\_\_\_\_ (\$ \_\_\_\_\_).

Original Agreement Amount \$

Sum of Previous Changes \$

This Change Order ADD/DEDUCT \$

Present Agreement Amount \$

The time for completion shall be (increased/decreased) by \_\_\_\_\_ calendar days due to this Change Order. Accordingly, the Contract Time is now \_\_\_\_\_ (\_\_\_\_\_) calendar days and the final completion date is \_\_\_\_\_. Your acceptance of this Change Order shall constitute a modification to our Agreement and will be performed subject to all the same terms and conditions as contained in our Agreement indicated above, as fully as if the same were repeated in this acceptance. The adjustment, if any, to the Agreement shall constitute a full and final settlement of any and all claims arising out of or related to the change set forth herein, including claims for impact and delay costs.

Accepted: \_\_\_\_\_, 20\_\_\_\_ .

COLUMBIA COUNTY, FLORIDA

CONTRACTOR

By: \_\_\_\_\_  
Chair

By: \_\_\_\_\_  
President

ENGINEER: By: \_\_\_\_\_

PAYMENT APPLICATION

Project No. \_\_\_\_\_ Project Name \_\_\_\_\_

Estimate No. \_\_\_\_\_ Contractor \_\_\_\_\_

Through \_\_\_\_\_  
(Date)

TOTAL \$ \_\_\_\_\_

LESS 5% RETAINAGE \_\_\_\_\_

LESS PREVIOUS PAYMENTS \_\_\_\_\_

AMOUNT DUE \$ \_\_\_\_\_

Submitted for Payment:

Approved to as Quantities Placed & Accepted:

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Inspections Superintendent

\_\_\_\_\_  
Attest (Contractor)

\_\_\_\_\_  
Approved for Payment:

\_\_\_\_\_  
Project Manager

\_\_\_\_\_  
Engineer

\_\_\_\_\_  
Account Code

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

**CERTIFICATION**  
**DISBURSEMENT OF PREVIOUS PERIODIC PAYMENT TO SUBCONTRACTORS**  
(As required by Florida Transportation Code, Section 337.11, Subsection (11), F.S.)

FIN PROJ. I.D.

DATE \_\_\_\_\_  
CONTRACT NO. \_\_\_\_\_  
TO RELEASE MONTHLY PAYMENT FOR \_\_\_\_\_

\_\_\_\_\_, prime contractor for the above referenced contract, hereby certifies that all subcontractors, except for those noted below, having interest in this contract have received their pro rata share of all previous periodic payments made to date by the Department for all work, materials and equipment furnished under the contract. The term "subcontractor", as used herein, shall also include persons or firms furnishing materials, services or equipment incorporated into the work or stockpiled in the vicinity of the project for which partial payment has been made by the Department and work done under equipment-rental agreements.

**EXCEPTION:**

The following subcontractors have not been paid and a copy of the notification sent to each, explaining the good cause why payment has not been made, is attached to this form:

\_\_\_\_\_  
Subcontractor name  
\_\_\_\_\_  
Street Address  
\_\_\_\_\_  
City State Zip

\_\_\_\_\_  
Subcontractor name  
\_\_\_\_\_  
Street Address  
\_\_\_\_\_  
City State Zip

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)

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.

\_\_\_\_\_  
Notary Public, not required when digital  
\_\_\_\_\_  
Commission Expires  
Personally Known  OR Produced Identification   
Type of Identification Produced \_\_\_\_\_

\_\_\_\_\_  
Contractor  
\_\_\_\_\_  
By  
\_\_\_\_\_  
Title

**Instructions:**

1. Attach copy of the notification good cause sent to each applicable subcontractor.
2. List the subcontractors which have not been paid the proportionate share of payments received by the contractor and the date listed as exception.
3. A separate certification is required for each contract.
4. To be signed by an officer or director of the Contractor with the authority to bind the Contractor and notarized.
5. To avoid delay in payment, certification must be submitted to the Project Engineer no later than the Friday before the monthly estimate cutoff date (generally the 3rd Sunday of the month).

CONTRACTOR'S FINAL AFFIDAVIT AND RELEASE OF LIEN

Project No. \_\_\_\_\_ Project Name: \_\_\_\_\_

BEFORE ME the undersigned authority personally appeared \_\_\_\_\_, who after being by me first duly sworn, deposes and says that:

(1) In accordance with the Contract Documents and in consideration of \$ \_\_\_\_\_ paid, ("Contractor") releases and waives for itself and its subcontractors, materialmen, successors, and assigns, all claims demands, damages, costs and expenses, whether in contract or in tort, against Columbia County, Florida (the "COUNTY"), its Board of County Commissioners, employees, and agents relating in any way to the performance of the Agreement between Contractor and the agents relating in any way to the performance of the agreement between the Contractor and the COUNTY, dated \_\_\_\_\_, \_\_\_\_\_, for the period from \_\_\_\_\_ to \_\_\_\_\_.

(2) Contractor certifies for itself and its subcontractors, materialmen, successors, and assigns, that all charges for labor, materials, supplies, lands, licenses and other expenses for which the COUNTY might be sued or for which a lien or a demand against any payment bond might be filed, have been fully satisfies and paid.

(3) Contractor agrees to indemnify, defend and save harmless the COUNTY, its Board of County Commissioner, employees and agents from all demands or suits, actions, claims of liens or other charges filed or asserted against the COUNTY arising out of the performance by Contractor of the Work covered by this Release and Affidavit.

(4) This Release and Affidavit is given in connection with Contractor's [monthly/final] Application for Payment No. \_\_\_\_\_.

CONTRACTOR:

\_\_\_\_\_  
By: \_\_\_\_\_ (signature of the executive officer)

Its: \_\_\_\_\_ (title of the executive officer)

Date: \_\_\_\_\_

Witnesses

\_\_\_\_\_

[Corporate Seal]

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_,  
\_\_\_\_\_, by \_\_\_\_\_, as \_\_\_\_\_ of  
\_\_\_\_\_, a \_\_\_\_\_ corporation, on behalf of the  
corporation. He/she is personally known to me or has produced \_\_\_\_\_  
\_\_\_\_\_ as identification and did (did not) take an oath.

My Commission Expires: \_\_\_\_\_  
(Signature of Notary)

Name: \_\_\_\_\_  
(Legibly Printed)

(AFFIX OFFICIAL SEAL)

Notary Public, State of \_\_\_\_\_

Commission No.: \_\_\_\_\_

SUBCONTRACTOR/MATERIAL MAN WAIVER & RELEASE OF LIEN

PARTIAL \_\_\_\_\_  
FINAL \_\_\_\_\_

OWNER:

CM or CONTRACTOR: \_\_\_\_\_

PROJECT # \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, \_\_\_\_\_ (The CM or Contractor) has been engaged by \_\_\_\_\_ (The Owner), to provide labor and/or materials as described in said contract in connection with the construction of the project described above, and \_\_\_\_\_ (The Subcontractor or Materialman) has been engaged by \_\_\_\_\_ (The CM or Contractor) to assist.

THE UNDERSIGNED lienor, in consideration of a final payment made in the amount of \$ \_\_\_\_\_, hereby waives and releases its lien and right to claim a lien for labor, services, or materials furnished to \_\_\_\_\_ (Owner) on the job of \_\_\_\_\_ to the following described property: \_\_\_\_\_.

THE UNDERSIGNED further warrants and represents that any and all valid labor, material, equipment, fringe benefits, taxes and other bills, now due and payable on the properly described above on behalf of the undersigned, have been paid in full to date of this Waiver for application \_\_\_\_\_ dated \_\_\_\_\_, a copy of which is attached hereto.

DATE: \_\_\_\_\_

\_\_\_\_\_  
(Subcontractor or Materialman)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_ (year) , by (name of person) as (type of authority, . . . e.g. officer, trustee, attorney in fact) for (name of party on behalf of whom instrument was executed).

\_\_\_\_\_  
(Signature of Notary Public -- State of Florida)

(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known OR Produced Identification  
Type of Identification Produced

CERTIFICATION OF COMPLETION

Date: \_\_\_\_\_

Vendor Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Project: \_\_\_\_\_

Contract Price: \_\_\_\_\_

Account Code: \_\_\_\_\_

Dear (Contact Name)

On (Date), a final inspection was held on the subject project. All construction was found to be constructed in accordance with the Contract Documents, and the project is herein accepted by Columbia County. Upon receipt of your Application for Final Payment, the Final Affidavit and Release of Lien and Subcontractor Release of Liens, this project shall be processed for final payment.

Should you have any questions or concerns, please call (County Manager) at (Phone Number).

Sincerely,

\_\_\_\_\_  
Engineer

CC: file  
County Manager  
FDOT PM

SURVEYOR'S LICENSE CONFIRMATION

DATE : \_\_\_\_\_

PROJECT # : \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

SURVEY COMPANY: \_\_\_\_\_

CONTACT NUMBER: \_\_\_\_\_

I hereby confirm and certify that I, \_\_\_\_\_, am currently licensed in the State of Florida as a Professional Surveyor and Mapper. I will be directing, coordinating and supervising the survey and layout work for the above referenced project per the Contract and Specifications for Bid # \_\_\_\_\_.

I understand that I am to maintain my certification throughout the duration of the Project and shall notify the Engineer should status change during that period.

Signature \_\_\_\_\_

Name  
Title  
Florida License Number

(AFFIX SEAL HERE)

**SECTION J – SAMPLE AGREEMENT**

**CONSTRUCTION AGREEMENT**

COLUMBIA COUNTY, a political subdivision of the State of Florida, by and through its Board of County Commissioners, situated at 135 NE Hernando Avenue, Suite 203, Lake City, Florida 32056-1529 (the “County”), hereby contracts with \_\_\_\_\_, (the “Contractor”) hereinafter referred to as “Contractor” of \_\_\_\_\_ (address) a contractor licensed to perform all work in the State of Florida in connection with the County’s Project No. 2024-10 (the “Project”), as set forth in the Plans and Specifications and other Contract Documents specified (the "Work").

The designated Engineer for the Project and the Work, as referenced in this Agreement, shall be \_\_\_\_\_:

The County and the Contractor, for the consideration herein set forth, agree as follows:

**Section 1. Contract Documents**

The Contract Documents consist of this Agreement, the Exhibits described in Section 4 hereof, the Legal Advertisement, the Instructions to Bidders, the Proposal and any duly executed and issued addenda, Change Orders, Work Directive Changes, Field Orders, Work Authorizations and amendments relating thereto. All of the foregoing Contract Documents are incorporated by reference and made a part of this Agreement (all of said documents including the Agreement sometimes being referred to herein as the "Contract Documents" and sometimes as the "Agreement"). A copy of the Contract Documents shall be maintained by Contractor at the Project site at all times during the performance of the Work.

**Section 2. Scope of Work**

The Contractor agrees to furnish and pay for all management, supervision, financing, labor, materials, tools, fuel, supplies, utilities, equipment and services of every kind and type necessary to diligently, timely, and fully perform and complete in a good and workmanlike manner the Work required by this Agreement.

**Section 3. Contract Amount**

In consideration of the faithful performance by the Contractor of the covenants in this Agreement to the full satisfaction and acceptance of the County, the County agrees to pay, or cause to be paid, to Contractor the following amount (herein "Contract Amount"), in accordance with the terms of this Agreement: \$ \_\_\_\_\_

---

**[INSERT SCHEDULE OF UNIT PRICES AS APPLICABLE]**

#### **Section 4. Exhibits Incorporated**

The following documents are expressly agreed to be incorporated by reference and made a part of this Agreement:

- A. Legal Advertisement
- B. Invitation to Bid
- C. Bid Proposal with required forms
- D. Performance Bond
- E. Public Payment Bond
- F. Insurance Requirements, including certificates of insurance
- G. Form of Release and Affidavit
- H. Change Order Form
- I. Notice of Award
- J. Notice to Proceed Form
- K. Application for Payment Form
- L. Special Conditions, if any
- M. Project Plans
- N. Attachment A – FHWA 1273 Forms
- O. Attachment B – LAP Specifications
- P. Attachment C – Construction Plans

#### **Section 5. Bonds**

A. The Contractor shall provide Performance and Payment Bonds, in the form prescribed in the Exhibits to the Agreement, in the amount of 100% of the Contract Amount, the costs of which are 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 the County; provided, however, the surety shall be rated as "A-" or better as to general policy holders rating and Class V or higher rating as to financial size category and the amount required shall not exceed 5% 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.

B. 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 Documents, the Contractor shall, within five (5) calendar days thereafter, substitute another bond and surety, both of which shall be subject to the County's approval.

#### **Section 6. Contract Times and Liquidated Damages**

A. Time is of the essence in the performance of the Work under this Agreement. The "Commencement Date" shall be established in the Notice to Proceed to be issued by the County. The Contractor shall commence the Work within five (5) calendar days from the Commencement Date. No Work shall be performed at the Project site prior to the Commencement Date. Any Work performed by the Contractor prior to the Commencement Date shall be at the sole risk of the Contractor. The Work shall be substantially completed within \_\_\_\_\_ calendar days from the

Commencement Date. The date of substantial completion of the Work (or designated portions thereof) is the date certified by the Engineer when construction is sufficiently complete, in accordance with the Contract Documents, so the County can occupy or utilize the Work (or designated portions thereof) for the use for which it is intended. The Work shall be fully completed and ready for final acceptance by the County within \_\_\_\_\_ calendar days from the Commencement Date (herein "Contract Time").

B. The County and the Contractor recognize that, since time is of the essence for this Agreement, the County will suffer financial loss if the Work is not substantially completed within the time specified above, as said time may be adjusted as provided for herein. Should the Contractor fail to substantially complete the Work within the time period noted above, the County shall be entitled to assess, as liquidated damages, but not as a penalty, \_\_\_\_\_ for each calendar day thereafter until substantial completion is achieved. The Project shall be deemed to be substantially completed on the date the Engineer issues a Substantial Completion Certificate pursuant to the terms hereof. The Contractor hereby expressly waives and relinquishes any right which it may have to seek to characterize the above noted liquidated damages as a penalty, which the parties agree represents a fair and reasonable estimate of the County's actual damages at the time of contracting if the Contractor fails to substantially complete the Work in a timely manner.

C. When any period of time is referenced by days herein, it shall be computed to exclude the first day and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation, and the last day shall become the next succeeding day which is not a Saturday, Sunday or legal holiday.

## **Section 7. Intent of Contract Documents and Contractor Representations**

A. It is the intent of the Contract Documents to describe a functionally complete project (or portion thereof) to be constructed in accordance with the Contract Documents. Any work, materials or equipment that may reasonably be inferred from the Contract Documents as being required to produce the intended result shall be supplied whether or not specifically called for. When words which have a well known technical or trade meaning are used to describe work, materials or equipment, such words shall be interpreted in accordance with that meaning. Reference to standard specifications, manuals or codes of any technical society, organization or association or to the laws or regulations of any governmental authority having jurisdiction over the Project, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, law or regulation in effect at the time the Work is performed, except as may be otherwise specifically stated herein.

<sup>1</sup> The Liquidated Damages have been valued based upon the Florida Department of Transportation's Standard Specifications for Road and Bridge Construction, published [FY 2023-24](#).

B. If before or during the performance of the Work, Contractor discovers a conflict, error or discrepancy in the Contract Documents, Contractor immediately shall report same to Engineer in writing and before proceeding with the Work affected thereby shall obtain a written interpretation or clarification from the Engineer. Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to Contractor with the Contract Documents before commencing any portion of the Work.

C. Drawings are intended to show general arrangements, design and extent of Work and are not intended to serve as shop drawings. Specifications are separated into divisions for convenience of reference only and shall not be interpreted as establishing divisions for the Work, trades, subcontracts, or extent of any part of the Work. In the event of a discrepancy between or among the drawings, specifications or other Contract Document provisions, Contractor shall be required to comply with the provision which is the more restrictive or stringent requirement upon the Contractor, as determined by the Engineer.

D. In order to induce Owner to enter into this Agreement Contractor makes the following representations:

- D.1 Contractor has examined and carefully studied the Contract Documents (including those listed in Section 4) and the other related data identified in the Project Documents including “technical data.”
- D.2 Contractor has visited the site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, performance or furnishing of the Work.
- D.3 Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
- D.4 Contractor has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site. Contractor acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Contract Documents with respect to Underground Facilities at or contiguous to the site. Contractor has obtained and carefully studied (or assumes responsibility for having done so) all such additional supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance, or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor and safety precautions, and programs incident thereto. Contractor does not consider that any additional examinations,

investigations, explorations, tests, studies, or data are necessary for the performance and furnishing of the Work at the Contract Price, within the Contract Times and in accordance with the other terms and conditions of the Contract Documents.

- D.5 Contractor is aware of the general nature of work to be performed by Owner and others at the site that relates to the Work as indicated in the Contract Documents.
- D.6 Contractor has correlated the information known to Contractor, information and observation obtained from visits to the site, reports, and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- D.7 Contractor has given Engineer written notice of all conflicts, errors, ambiguities or discrepancies that Contractor has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Contractor, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

## **Section 8. Investigation and Utilities**

A. Contractor shall have the sole responsibility of satisfying itself concerning the nature and location of the Work and the general and local conditions, and particularly, but without limitation, with respect to the following: those affecting transportation, access, disposal, handling and storage of materials; availability and quality of labor; water and electric power; availability and condition of roads; work area; living facilities; climatic conditions and seasons; physical conditions at the work-site and the project area as a whole; topography and ground surface conditions; nature and quantity of the surface materials to be encountered; subsurface conditions; equipment and facilities needed preliminary to and during performance of the Work; and all other costs associated with such performance. The failure of Contractor to acquaint itself with any applicable conditions shall not relieve Contractor from any of its responsibilities to perform under the Contract Documents, nor shall it be considered the basis for any claim for additional time or compensation.

B. Contractor shall locate all existing roadways, railways, drainage facilities and utility services above, upon, or under the Project site, said roadways, railways, drainage facilities and utilities being referred to in this Sub-Section 8.B. as the "Utilities". Contractor shall contact the owners of all Utilities to determine the necessity for relocating or temporarily interrupting any Utilities during the construction of the Project. Contractor shall schedule and coordinate its Work around any such relocation or temporary service interruption. Contractor shall be responsible for properly shoring, supporting and protecting all Utilities at all times during the course of the Work.

## **Section 9. Schedule**

A. The Contractor, within ten (10) calendar days after receipt of a Notice of Award, shall prepare and submit to the County and Engineer, for their review and approval, a progress schedule for the Project (herein "Progress Schedule"). The Progress Schedule shall relate to all Work required by the Contract Documents and shall: show the various activities of work in sufficient detail to demonstrate a reasonable and workable plan to complete the Project within the Contract Time; show the order and interdependence of activities and the sequence for accomplishing the Work and describe all activities in sufficient detail so that the Engineer can readily identify the work and measure the progress on of each activity; show each activity with a beginning work date, a duration, and a monetary value; include activities for procurement fabrication, and delivery of materials, plant, and equipment, and review time for shop drawings and submittals; include milestone activities when milestones are required by the Contract Documents; and in a Project with more than one phase, adequately identify each phase and its completion date, and not allow activities to span more than one phase. The Contractor shall also submit a working plan with the Progress Schedule, consisting of a concise written description of the construction plan.

B. The Engineer will return inadequate schedules to the Contractor for corrections and Contractor shall resubmit a corrected schedule within five (5) calendar days from the date of the Engineer's return transmittal. The Engineer will use the accepted Project Schedule as the baseline against which to measure the progress. However, by acceptance of the Project Schedule, the Engineer does not endorse or otherwise certify the validity or accuracy of the activity durations or sequencing of activities.

C. The Progress Schedule shall be updated by the Contractor if there is a significant change in the planned order or duration of an activity or upon the request of the Engineer, which shall not be requested more than (INSERT TIMES) a month. All updates to the Progress Schedule shall be subject to the County's and Engineer's review and approval. The Engineer's review and approval of submitted the Progress Schedule and any required or requested updates shall be a condition precedent to the County's obligation to pay the Contractor.

## **Section 10. Progress Payments**

A. Prior to submitting its first Application for Payment, Contractor shall submit to the County and the Engineer, for their review and approval, a schedule of values based upon the Contract Price, listing the major elements of the Work and the dollar value for each element. After its approval by the County and Engineer, this schedule of values shall be used as the basis for the Contractor's monthly Applications for Payment. This schedule shall be updated and submitted each month to the Engineer along with a completed and notarized copy of the Application for Payment form.

B. Prior to submitting its first Application for Payment, Contractor shall submit to the Engineer a complete list of all its proposed subcontractors and materialmen. The first Application for Payment shall be submitted no earlier than thirty (30) days after the Commencement Date.

C. If payment is requested on the basis of materials and equipment not incorporated into the Project, but delivered and suitably stored at the site or at another location agreed to by the County in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice or other documentation warranting that the County has received the materials and equipment free and clear of all liens, charges, security interests and encumbrances, together with evidence that the materials and equipment are covered by appropriate property insurance and other arrangements to protect the County's interest therein, all of which shall be subject to the County's satisfaction.

D. Contractor shall submit its monthly Application for Payment to the Engineer on or before the 25th day of each month for work performed during the previous month. Invoices received after the 25th day of each month shall be considered for payment as part of the next month's application. Within ten (10) calendar days after receipt of each Application for Payment, the Engineer shall either:

- D.1 indicate his approval of the requested payment;
- D.2 indicate his approval of only a portion of the requested payment, stating in writing his reasons therefore; or
- D.3 return the Application for Payment to the Contractor indicating, in writing, the reason for refusing to approve payment.

In the event of a total denial and return of the Application for Payment by the Engineer, the Contractor may make the necessary corrections and resubmit the Application for Payment. The County shall, within thirty (30) calendar days after County approval of an Application for Payment, pay the Contractor the amounts so approved. Provided, however, in no event shall the County be obligated to pay any amount greater than that portion of the Application for Payment approved by the Engineer.

E. The County shall withhold retainage in accordance with Section 9-5 of the LAP Supplemental Specifications.

F. Monthly payments to Contractor shall in no way imply approval or acceptance of Contractor's work.

G. Each Application for Payment shall be accompanied by a Release and Affidavit, in the form attached to this Agreement, showing that all materials, labor, equipment and other bills associated with that portion of the Work for which payment is being requested have been paid in full.

The County shall not be required to make payment until and unless these affidavits are furnished by the Contractor.

H. The County reserves the right to issue joint checks to Contractor and its material suppliers, subcontractors, labor unions, equipment suppliers, etc., if, in the County's sole judgment, it is necessary to do so to ensure payment to the above named parties or if above named parties have filed a notice of nonpayment, lien or intent to lien, stop notice, etc.

## **Section 11. Payment Withheld**

A. The Engineer or the County may decline to approve any Application for Payment, or portions thereof, because of subsequently discovered evidence or subsequent inspections. The Engineer or the County may nullify the whole or any part of any approval for payment previously issued and the County may withhold any payments otherwise due Contractor under this Agreement or any other agreement between the County and Contractor, to such extent as may be necessary in the County's opinion to protect it from loss because of:

- A.1 Defective Work not remedied;
- A.2 Third party claims filed or reasonable evidence indicating probable filing of such claims;
- A.3 Failure of Contractor to make payment properly to subcontractors or for labor, materials or equipment;
- A.4 Reasonable doubt that the Work can be completed for the unpaid balance of the Contract Amount;
- A.5 Reasonable indication that the Work will not be completed within the Contract Time;
- A.6 Unsatisfactory prosecution of the Work by the Contractor;
- A.7 Failure to provide accurate and current "As-Builts"; or
- A.8 Any other material breach of the Contract Documents.

B. If these conditions in Subsection 11.A are not remedied or removed, the County may, after three (3) days written notice, rectify the same at Contractor's expense. The County also may offset against any sums due Contractor the amount of any liquidated or unliquidated obligations of Contractor to the County, whether relating to or arising out of this Agreement or any other agreement between Contractor and the County.

## **Section 12. Final Payment**

A. The County shall make final payment to Contractor within thirty (30) calendar days after the Work is finally inspected and accepted by both the County and the Engineer in accordance with Section 25.B. herein, provided that Contractor first, and as an explicit condition precedent to the

accrual of Contractor's right to final payment, shall have furnished the County with a properly executed and notarized copy of the Release and Affidavit, as well as, a duly executed copy of the Surety's consent to final payment and such other documentation that may be required by the Contract Documents and the County.

B. Contractor's acceptance of final payment shall constitute a full waiver of any and all claims by Contractor against the County arising out of this Agreement or otherwise relating to the Project, except those previously made in writing and identified by parties as unsettled at the time of the final Application for Payment. Neither the acceptance of the Work nor payment by the County shall be deemed to be a waiver of the County's right to enforce any obligations of Contractor hereunder or to the recovery of damages for defective Work not discovered by the Engineer or the County at the time of final inspection.

### **Section 13. Submittals and Substitutions**

A. Contractor shall carefully examine the Contract Documents for all requirements for approval of materials to be submitted such as a schedule of values, safety manual, shop drawings, data, test results, schedules and samples. Contractor shall submit all such materials at its own expense and in such form as required by the Contract Documents in sufficient time to prevent any delay in the delivery of such materials and the installation thereof.

B. Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier, the naming of the item is intended to establish the type, function and quality required. Unless the name is followed by words indicating that no substitution is permitted, materials or equipment of other suppliers may be accepted by the County if sufficient information is submitted by Contractor to allow the County to determine that the material or equipment proposed is equivalent or better than to that named. Requests for review of substitute items of material and equipment will not be accepted by the County from anyone other than Contractor and all such requests must be submitted by Contractor to Engineer within thirty (30) calendar days after Notice of Award is received by Contractor.

C. If Contractor wishes to furnish or use a substitute item of material or equipment, Contractor shall make application to the Engineer for acceptance thereof, certifying that the proposed substitute shall perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as that specified. The application shall state that the evaluation and acceptance of the proposed substitute will not prejudice Contractor's achievement of substantial completion on time, whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with the County for the Project) to adapt the design to the proposed substitute and whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified will be identified in the application and available maintenance, repair and replacement service shall be indicated. The application also shall contain an itemized

estimate of all costs that will result, directly or indirectly, from acceptance of such substitute, including costs for redesign and claims of other contractors affected by the resulting change, all of which shall be considered by the Engineer in evaluating the proposed substitute. The Engineer may require Contractor to furnish at Contractor's expense additional data about the proposed substitute.

D. If a specific means, method, technique, sequence or procedure of construction is indicated in or required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, sequence, technique or procedure of construction acceptable to the Engineer, if Contractor submits sufficient information to allow the Engineer to determine that the substitute proposed is equivalent to that indicated or required by the Contract Documents. The procedures for submission to and review by the Engineer shall be the same as those provided herein for substitute materials and equipment.

E. The Engineer shall be allowed a reasonable time within which to evaluate each proposed substitute. The Engineer shall be the sole judge of acceptability, and no substitute will be ordered, installed or utilized without the Engineer's prior written acceptance which shall be evidenced by either a Change Order or an approved Shop Drawing. The County may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.

#### **Section 14. Daily Reports, As-builts and Meetings**

A. Unless waived in writing by the County, Contractor shall complete, maintain, and submit to Engineer on a DAILY basis a daily log of the Contractor's work in a format approved by the Engineer. The daily log shall document all activities of Contractor at the Project site including, but not limited to, the following:

- A.1. Weather conditions showing the high and low temperatures during work hours, the amount of precipitation received on the Project site, and any other weather conditions which adversely affect the Work;
- A.2. Any Conditions which adversely affect the Work;
- A.3. The hours of operation by Contractor's and subcontractor's personnel;
- A.4. The number of Contractor's and subcontractor's personnel present and working at the Project site, by subcontract and trade;
- A.5. All equipment present at the Project site, description of equipment use and designation of time equipment was used (specifically indicating any down time);
- A.6. Description of Work being performed at the Project site;
- A.7. Any unusual or special occurrences at the Project site;
- A.8. Materials received at the Project site;

- A.9. A list of all visitors to the Project site; and
- A.10. Any problems that might impact either the cost or quality of the Work or the time of performance.

The daily log shall not constitute nor take the place of any notice required to be given by Contractor to the County or Engineer pursuant to the Contract Documents.

B. Contractor shall maintain in a safe place at the Project site one record copy of the Contract Documents, including, but not limited to, all drawings, specifications, addenda, amendments, Change Orders, Work Directive Changes and Field Orders, as well as all written interpretations and clarifications issued by the Engineer, in good order and annotated to show all changes made during construction. The annotated drawings shall be continuously updated by the Contractor throughout the prosecution of the Work to accurately reflect all field changes that are made to adapt the Work to field conditions, changes resulting from Change Orders, Work Directive Changes and Field Orders, and all concealed and buried installations of piping, conduit and utility services. All buried and concealed items, both inside and outside the Project site, shall be accurately located on the annotated drawings as to depth and in relationship to not less than two (2) permanent features (e.g. interior or exterior wall faces). The annotated drawings shall be clean and all changes, corrections and dimensions shall be given in a neat and legible manner in a contrasting color. The "As-Built" record documents, together with all approved samples and a counterpart of all approved shop drawings shall be available to Engineer for reference. Current and accurate "As-Built" record documents shall be submitted with each Application for Payment. Failure to provide current and accurate "As-Built" record drawings shall be reason for rejecting the Application for Payment. Upon completion of the Work and as a condition precedent to Contractor's entitlement to final payment, these "As-Built" record documents, samples and shop drawings shall be delivered to Engineer by Contractor for the County.

C. Contractor shall keep all records and supporting documentation which concern or relate to the Work hereunder for a minimum of five (5) years from the date of termination of this Agreement or the date the Project is completed, whichever is later. The County, or any duly authorized agents or representatives of the County, shall have the right to audit, inspect and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the five (5) year period noted above; provided, however, such activity shall be conducted only during normal business hours.

D. In addition to other requirements provided herein, Contractor shall:

D.1. Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the Work.

D.2. Provide the public with access to public records on the same terms and conditions that the County would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.

D.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.

D.4. Meet all requirements for retaining public records and transfer, at no cost, to the County all public records in possession of the Contractor upon termination of the Contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the County in a format that is compatible with the information technology systems of the County.

D.5. If the Contractor does not comply with a public records request, the County may terminate this Contract in accordance with Section 23 hereof.

## **Section 15. Independent Contractor**

Contractor is an independent contractor and shall, at its sole cost and expenses and without increase in the contract price, comply with all laws, rules, ordinances, and regulations of all governing bodies having jurisdiction over the Work. Contractor shall be responsible for securing timely inspections and approvals of its work from all such authorities and as required by the Contract Documents. Contractor shall obtain and pay for all necessary permits and licenses, including business licenses; pay all fees, manufacturer's taxes, sales taxes, use taxes, processing taxes, and all federal and state taxes, insurance and contributions for social security and unemployment or disability insurance, which are measured by wages, salaries, or other remunerations paid to Contractor's employees, whether levied under existing or subsequently enacted laws, rules, or regulations. Contractor shall maintain proof that it has complied with all aspects of the foregoing provision and shall make such proof available for review by the County at County's request.

## **Section 16. Contractor Performance, Extensions, and No Damages for Delay of Work**

A. Contractor shall diligently pursue the completion of the Work and coordinate the Work being done on the Project by its subcontractors and materialmen, as well as coordinating its Work with all work of others at the Project Site, so that its Work or the work of others shall not be delayed or impaired by any act or omission by Contractor. Contractor shall be solely responsible for all construction means, methods, techniques, sequences, and procedures, as well as coordination of all portions of the Work under the Contract Documents.

B. Should Contractor be obstructed or delayed in the prosecution of or completion of the Work as a result of unforeseeable causes beyond the control of Contractor, and not due to its fault or neglect, including but not restricted to acts of God or of the public enemy, acts of government, fires, floods, epidemics, quarantine regulation, strikes or lockouts, Contractor shall notify the County in writing within forty-eight (48) hours after the commencement of such delay, stating the cause or

causes thereof, or be deemed to have waived any right which Contractor may have had to request a time extension.

C. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of the Work from any cause whatever, including those for which the County may be responsible, in whole or in part, shall relieve Contractor of his duty to perform or give rise to any right to damages or additional compensation from the County. Contractor expressly acknowledges and agrees that it shall receive no damages for delay. Contractor's sole remedy, if any, against the County will be the right to seek an extension to the Contract Time; provided, however, the granting of any such time extension shall not be a condition precedent to the aforementioned "No Damage For Delay" provision. This paragraph shall expressly apply to claims for early completion, as well as to claims based on late completion.

## **Section 17. Changes In Work**

A. The County shall have the right at any time during the progress of the Work to increase or decrease the Work. Promptly after being notified of a change, Contractor shall submit an itemized estimate of any cost or time increases or savings it foresees as a result of the change. Except in an emergency endangering life or property, or as expressly set forth herein, no addition or changes to the Work shall be made except upon written order of the County, and the County shall not be liable to the Contractor for any increased compensation without such written order. No officer, employee or agent of the County is authorized to direct any extra or changed work orally.

B. A Change Order, in the form attached to this Agreement, shall be issued and executed promptly after an agreement is reached between Contractor and the County concerning the requested changes. Contractor shall promptly perform changes authorized by duly executed Change Orders. The Contract Amount and Contract Time shall be adjusted in the Change Order in the manner as the County and Contractor shall mutually agree.

C. If the County and Contractor are unable to agree on a Change Order for the requested change, Contractor shall, nevertheless, promptly perform the change as directed by the County in a written Work Directive Change. In that event, the Contract Amount and Contract Time shall be adjusted as directed by the County. If Contractor disagrees with the County's adjustment determination, Contractor must make a claim pursuant to Section 18 of this Agreement or else be deemed to have waived any claim on this matter it might otherwise have had.

D. In the event a requested change results in an increase to the Contract Amount, the amount of the increase shall be limited to the Contractor's reasonable direct labor and material costs and reasonable actual equipment costs as a result of the change (including allowance for labor burden costs) plus a maximum ten percent (10%) markup for all overhead and profit. In the event such change Work is performed by a Subcontractor, a maximum ten percent (10%) markup for all overhead

and profit for all Subcontractors' and sub-subcontractors' direct labor and material costs and actual equipment costs shall be permitted, with a maximum five percent (5%) markup thereon by the Contractor for all of its overhead and profit, for a total maximum markup of fifteen percent (15%). All compensation due Contractor and any Subcontractor or sub-subcontractor for field and home office overhead is included in the markups noted above.

E. The County shall have the right to conduct an audit of Contractor's books and records to verify the accuracy of the Contractor's claim with respect to Contractor's costs associated with any Change Order.

F. The Engineer shall have authority to order minor changes in the Work not involving an adjustment to the Contract Amount or an extension to the Contract Time exceeding his/her authority and not inconsistent with the intent of the Contract Documents. Minor changes approved by the Engineer, whether changes to Work and or Contract Time, cumulatively may not exceed ten percent (10%) of the Work and or Original Contract Time. Such changes may be effected by Field Order or by other written order. Such changes shall be binding on the Contractor. based on late completion.

## **Section 18. Claims and Disputes**

A. The County shall have the right at any time during A Claim is a demand or assertion by one of the parties seeking an adjustment or interpretation of the terms of the Contract Documents, payment of money, extension of time or other relief with respect to the terms of the Contract Documents. The term "Claim" also includes other disputes and matters in question between the County and Contractor arising out of or relating to the Contract Documents. The responsibility to substantiate a Claim shall rest with the party making the Claim.

B. Claims by the Contractor shall be made in writing to the Engineer within forty-eight (48) hours after the first day of the event giving rise to such Claim or else the Contractor shall be deemed to have waived the Claim. Written supporting data shall be submitted to the Engineer within fifteen (15) calendar days after the occurrence of the event, unless the County grants additional time in writing, or else the Contractor shall be deemed to have waived the Claim. All claims shall be priced in accordance with the provisions of Subsection 17.D. Engineer will render a formal decision on the claim in writing within fifteen (15) calendar days after receipt of the Contractor's Claim. Engineer's written decision will be final and binding upon Contractor and unless Contractor submits a written notice to the County and Engineer requesting non-binding voluntary mediation within fifteen (15) calendar days of the date of such decisions, then Contractor forever waives and relinquishes any rights to bring any future legal actions or court claims with respect to such Claim.

Non-binding Mediation shall be completed within sixty (60) days from the date of Contractor's timely submission of a written notice requesting non-binding voluntary mediation.

C. The Contractor shall proceed diligently with its performance as directed by the

County, regardless of any pending Claim, action, suit or administrative proceeding, unless otherwise agreed to by the County in writing. The County shall continue to make payments in accordance with the Contract Documents during the pendency of any Claim.

## **Section 19. Indemnification and Insurance**

A. To the fullest extent permitted by law, Contractor and its surety covenant and agree to indemnify and hold County harmless of and from any and all claims, losses, demands, causes of action and the like, including but not limited to, attorneys' fees and court costs which may be asserted against County by anyone other than Contractor, resulting from, arising out of, or occurring in connection with the failure of Contractor or supplier of Contractor to perform all work required within the scope of this agreement in strict accordance with the contract documents.

B. To the full extent permitted by law, Contractor hereby agrees to defend and indemnify, protect and hold harmless County, its agents, employees, servants and sureties (individually the "Indemnified Party" and collectively the "Indemnified Parties") of and from any loss or damage and to reimburse the Indemnified Parties for any and all expenses, including legal fees, expert witness fees and other litigation costs to which the Indemnified Parties may be put because of:

- B.1 the liability for claims and liens for labor performed or materials used or furnished through or under Contractor for the project for which Contractor is liable due to any failure of Contractor to adhere to the terms of this agreement or any of the contract documents;
- B.2 liability to County resulting from Contractor's failure to comply with applicable licensing requirements;
- B.3 any personal injury, loss, damage or death to any person or persons (including employees, officers or agents of County, Contractor and lower tier subcontractors) and any property damage arising out of, result from, or in connection with the performance or non performance of work required in this contract or by reason of any act, omission, fault or negligence whether active or passive of Contractor whether on the project or proceeding to or from the site, including, without limitation, any personal injury, loss, damage, death or property damage caused (or alleged to be caused) by any negligent or grossly negligent act, error or omission of any person or entity, including any Indemnified Party whether such Indemnified Party's or the person's or entity's negligence be joint or concurrent however, Contractor shall not be required to indemnify an Indemnified Party for that party's sole negligence; or
- B.4 liability imposed upon County directly or indirectly by Contractor's failure or the failure of any of its employees to comply with any law, ordinance, rule, regulation or requirement, including, but not limited to, any Occupational Safety and Health Administration violations and any penalties, including enhancements, resulting in whole or in part by subcontractor's acts or omissions as well as the Immigration Reform and Control Act of 1986 and all rules and regulations adopted pursuant thereto.

C. To the fullest extent permitted by law, in addition to the express duty to indemnify County when there is any causal connection between Contractor's work and any injury, loss, damage, death or property damage, Contractor expressly undertakes a duty to defend County as a separate duty, independent of and broader than the duty to indemnify. The duty to defend agreed to by Contractor hereby expressly include all costs of litigation, attorney's fees, settlement costs and reasonable expenses in connection with the litigation, whether or not the claims made for loss, injury, damage or property damage are valid or groundless and regardless of whether the defense of County is maintained by the County or assumed by Contractor as long as the claims made could be causally connected to Contractor as reasonable determined by County (claims).

D. The County and Contractor agree the first \$100.00 of the Contract Amount paid by the County to Contractor shall be given as separate consideration for this indemnification and duty to defend, and any other indemnification of the County by Contractor provided for within the Contract Documents, the sufficiency of such separate consideration being acknowledged by Contractor by Contractor's execution of the Agreement. The Contractor's obligation under this provision shall not be limited in any way by the agreed upon contract price as shown in this contract or the Contractor's limit of, or lack of, sufficient insurance protection.

E. 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 the Insurance Requirements attached to this Agreement. 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 which are registered with the State of Florida. Within fifteen (15) calendar days after Notice of Award is received by Contractor, Contractor shall provide the County 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 the County. 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. In addition, certified, true and exact copies of all insurance policies required hereunder shall be provided to the County, on a timely basis, when requested by the County.

F. 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 the County 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.

G. All insurance coverages of the Contractor shall be primary to any insurance or self-insurance program carried by the County applicable to this Project. The acceptance by the County of any Certificate of Insurance does not constitute approval or agreement by the County 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 County.

H. 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 the Insurance Requirements attached to this Agreement, unless such insurance requirements for the subcontractor is expressly waived in writing by the County. All liability insurance policies, other than professional liability, worker's compensation, employer's liability and business auto liability policies, obtained by Contractor to meet the requirements of the Contract Documents shall name the County and Engineer as additional insureds and shall contain severability of interest provisions. 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 the County, certified, true copies of the renewal policies, shall be furnished by Contractor within thirty (30) days prior to the date of expiration.

I. Should at any time the Contractor not maintain the insurance coverages required herein, the County 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 County 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 County to purchase such insurance coverages shall in no way be construed to be a waiver of any of its rights under the Contract Documents.

J. Contractor shall submit to Engineer a copy of all accident reports arising out of any injuries to its employees or those of any firm or individual to whom it may have subcontracted a portion of the Work, or any personal injuries or property damages arising or alleged to have arisen on account of any work by Contractor under the Contract Documents.

## **Section 20. Compliance with Laws**

Contractor agrees to comply, at its own expense, with all federal, state and local laws, codes, statutes, ordinances, rules, regulations and requirements applicable to the Project, including but not limited to those dealing with taxation, worker's compensation, equal employment and safety. If Contractor observes that the Contract Documents are at variance therewith, it shall promptly notify the County and Engineer in writing.

## **Section 21. Clean Up and Protection**

A. Contractor agrees to keep the Project site clean at all times of debris, rubbish and waste materials arising out of the Work. At the completion of the Work, Contractor shall remove all debris, rubbish and waste materials from and about the Project site, as well as all tools, appliances, construction equipment and machinery and surplus materials, and shall leave the Project site clean and ready for occupancy by the County.

B. Any existing surface or subsurface improvements, including, but not limited to, pavements, curbs, sidewalks, pipes, utilities, footings, structures, trees and shrubbery, not indicated in the Contract Documents to be removed or altered, shall be protected by Contractor from damage during the prosecution of the Work. Any such improvements so damaged shall be restored by Contractor to the condition equal to that existing at the time of Contractor's commencement of the Work.

## **Section 22. Assignment**

Contractor shall not assign this Agreement or any part thereof, without the prior consent in writing of the County. If Contractor does, with approval, assign this Agreement or any part thereof, it shall require that its assignee be bound to it and to assume toward Contractor all of the obligations and responsibilities that Contractor has assumed toward the County.

## **Section 23. Permits, Licenses and Taxes**

A. Pursuant to Section 218.80, F.S., the County will pay for all County permits and fees, including license fees, permit fees, impact fees or inspection fees applicable to the work. Contractor is not responsible for paying for permits issued by the County wherein the work is to be performed, but is responsible for acquiring all permits. The County may require the Contractor to deliver internal budget transfer documents to applicable County agencies when the Contractor is acquiring permits.

B. All permits, fees and licenses necessary for the prosecution of the Work which are not issued by the County shall be acquired and paid for by the Contractor.

C. Contractor shall pay any and all sales, use, or other taxes, assessments and other similar charges when due, as required by any local, state or federal law, as it pertains to the services provided herein. Contractor further agrees that it shall protect, reimburse, and indemnify the County from and assume all liability for its tax obligations under the terms of this Agreement.

## **Section 24. Termination for Default**

A. Contractor shall be considered in material default of the Agreement and such default shall be considered cause for the County 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 County or the Engineer 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.

B. The County shall notify Contractor in writing of Contractor's default(s). If the County 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 the County, 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 the County, in its sole discretion, may choose.

C. If the County 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 all management, administrative and other overhead and other direct and indirect expenses (including Engineer and attorneys' fees) or damages incurred by the County 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 the County 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 County to complete the Work, such excess shall be paid to the Contractor. The amount to be paid to the Contractor or the County, as the case may be, shall be approved by the Engineer, upon application, and this obligation for payment shall survive termination of the Agreement.

D. 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 the County 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, and in settlement, discharge or compromise of any claims, demands, suits, and judgments pertaining to or arising out of the Work hereunder.

E. 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 the County is not entitled to the remedies against Contractor provided herein, then Contractor's remedies against the County shall be the same as and limited to those afforded Contractor under Section 25 below.

## **Section 25. Termination For Convenience And Right Of Suspension**

A. The County 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 the County 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 the County, including, but not limited to, damages or any anticipated profit on portions of the Work not performed.

B. The County shall have the right to suspend all or any portions of the Work upon giving Contractor not less than 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 six (6) 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 26. Completion**

A. When the entire Work (or any portion thereof designated in writing by the County) is ready for its intended use, Contractor shall notify the Engineer in writing that the entire Work (or such designated portion) is substantially complete and request that Engineer issue a Certificate of Substantial Completion (or Certificate of Partial Substantial Completion). Within a reasonable time thereafter, the Contractor and Engineer shall make an inspection of the Work (or designated portion thereof) to determine the status of completion. If the Engineer does not consider the Work (or designated portion) substantially complete, Engineer shall notify Contractor in writing giving the reasons therefor. If the Engineer considers the Work (or designated portion) substantially complete, Engineer shall prepare and deliver to Contractor a Certificate of Substantial Completion (or Certificate of Partial Substantial Completion) which shall fix the date of Substantial Completion for the entire Work (or designated portion thereof) and include a tentative punchlist of items to be completed or corrected by Contractor before final payment. The County shall have the right to exclude Contractor from the Work and Project site (or designated portion thereof) after the date of Substantial Completion, but the County shall allow Contractor reasonable access to complete or correct items on the tentative punchlist.

B. Upon receipt of written certification by Contractor that the Work is completed in accordance with the Contract Documents and is ready for final inspection and acceptance and upon receipt of a final Application for Payment, Engineer will make such inspection and, if he finds the Work acceptable and fully performed under the Contract Documents, he shall promptly issue a final Certificate for Payment, recommending that, on the basis of his observations and inspections, and the Contractor's certification that the Work has been completed in accordance with the terms and conditions of the Contract Documents, that the entire balance found to be due Contractor is due and payable. Neither the final payment nor the retainage shall become due and payable until Contractor submits: (1) the Release and Affidavit in the form attached, (2) consent of surety to final payment, and (3) if required by the County, other data establishing payment or satisfaction of all obligations, such as receipts, releases and waivers of liens, arising out of the Contract Documents, to the extent and in such form as may be designated by the County. The County reserves the right to inspect the Work and make an independent determination as to the Work's acceptability, even though the Engineer may have issued his recommendations. Unless and until the County is completely satisfied, neither the final payment nor the retainage shall become due and payable.

## **Section 27. Warranty**

Contractor shall obtain and assign to the County all express warranties given to Contractor or any subcontractors by any materialmen supplying materials, equipment or fixtures to be incorporated into the Project. Contractor warrants to the County that any materials and equipment furnished under the Contract Documents shall be new unless otherwise specified, and that all Work shall be of good quality, free from all defects and in conformance with the Contract Documents. Contractor further

warrants to the County that all materials and equipment furnished under the Contract Documents shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturers, fabricators, suppliers or processors except as otherwise provided for in the Contract Documents. If, within one (1) year after final completion, any Work is found to be defective or not in conformance with the Contract Documents, Contractor shall correct it promptly after receipt of written notice from the County. Contractor shall also be responsible for and pay for replacement or repair of adjacent materials or Work which may be damaged as a result of such replacement or repair. These warranties are in addition to those implied warranties to which the County is entitled as a matter of law.

## **Section 28. Tests and Inspections**

A. The County, Engineer, their respective representatives, agents and employees, and governmental agencies with jurisdiction over the Project shall have access at all times to the Work, whether the Work is being performed on or off of the Project site, for their observation, inspection and testing. Contractor shall provide proper, safe conditions for such access. Contractor shall provide Engineer with timely notice of readiness of the Work for all required inspections, tests or approvals.

B. If the Contract Documents or any codes, laws, ordinances, rules or regulations of any public authority having jurisdiction over the Project requires any portion of the Work to be specifically inspected, tested or approved, Contractor shall assume full responsibility therefore, pay all costs in connection therewith and furnish Engineer the required certificates of inspection, testing or approval. All inspections, tests or approvals shall be performed in a manner and by organizations acceptable to the Engineer and the County.

C. If any Work that is to be inspected, tested or approved is covered without written concurrence from the Engineer, such work must, if requested by Engineer, be uncovered for observation. Such uncovering shall be at Contractor's expense unless Contractor has given Engineer timely notice of Contractor's intention to cover the same and Engineer has not acted with reasonable promptness to respond to such notice. If any Work is covered contrary to written directions from Engineer, such Work must, if requested by Engineer, be uncovered for Engineer's observation and be replaced at Contractor's sole expense.

D. The County shall charge to Contractor and may deduct from any payments due Contractor all engineering and inspection expenses incurred by the County in connection with any overtime work. Such overtime work consisting of any work during the construction period beyond the regular eight (8) hour day and for any work performed on Saturday, Sunday or holidays.

E. Neither observations nor other actions by the Engineer nor inspections, tests or approvals by others shall relieve Contractor from Contractor's obligations to perform the Work in accordance with the Contract Documents.

## **Section 29. Defective Work**

A. Work not conforming to the requirements of the Contract Documents shall be deemed defective Work. If required by the County or Engineer, Contractor shall, as directed, either correct all defective Work, whether or not fabricated, installed or completed, or if the defective Work has

been rejected by the County or Engineer, remove it from the site and replace it with conforming Work. Contractor shall bear all direct, indirect and consequential costs of such correction or removal (including, but not limited to fees and charges of engineers, architects, attorneys and other professionals) made necessary thereby, and shall hold the County harmless for same.

B. If any portion of the Work is defective, or Contractor fails to supply sufficient skilled workers with suitable materials or equipment, or fails to finish or perform the Work in such a way that the completed Work will conform to the Contract Documents, the County or Engineer may order Contractor to stop the Work, or any portion thereof, until the cause for such stop in the work has been eliminated; however, this right of the County or Engineer to stop the Work shall not give rise to any duty on the part of the County or Engineer to exercise this right for the benefit of Contractor or any other party.

C. If Contractor fails, within a reasonable time after the written notice from the County or Engineer, to correct defective Work or to remove and replace rejected defective Work as required by Engineer or the County, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any of the provisions of the Contract Documents, the County may, after seven (7) days written notice to Contractor, correct and remedy any such deficiency.

### **Section 30. Supervision and Superintendents**

Contractor shall plan, organize, supervise, schedule, monitor, direct and control the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be responsible to see that the finished Work complies accurately with the Contract Documents. Contractor shall keep on the Work at all times during its progress a competent resident superintendent, who shall not be replaced without prior written notice to the County and Engineer except under extraordinary circumstances. The superintendent shall be Contractor's representative at the Project site and shall have authority to act on behalf of Contractor. All communications given to the superintendent shall be as binding as if given to the Contractor.

### **Section 31. Protection of Work**

Contractor shall fully protect the Work from loss or damage and shall bear the cost of any such loss or damage until final payment has been made. If Contractor or any one for whom Contractor is legally liable is responsible for any loss or damage to the Work, or other work or materials of the County or the County's separate contractors, Contractor shall be charged with the same, and any monies necessary to replace such loss or damage shall be deducted from any amounts due Contractor.

### **Section 32. Emergencies**

In the event of an emergency affecting the safety or protection of persons or the Work or property at the Project site or adjacent thereto, Contractor, without special instruction or authorization from the County or Engineer is obligated to act to prevent threatened damage, injury or loss. Contractor shall give Engineer written notice within forty-eight (48) hours after the occurrence of the emergency, if Contractor believes that any significant changes in the Work or variations from the Contract

Documents have been caused thereby. If the Engineer determines that a change in the Contract Documents is required because of the action taken in response to an emergency, a Change Order shall be issued to document the consequences of the changes or variations. If Contractor fails to provide the forty-eight (48) hour written notice noted above, the Contractor shall be deemed to have waived any right it otherwise may have had to seek an adjustment to the Contract Amount or an extension to the Contract Time.

### **Section 33. Use of Premises**

Contractor shall confine all construction equipment, the storage of materials and equipment and the operations of workers to the Project site and land and areas identified in and permitted by the Contract Documents and other lands and areas permitted by law, rights of way, permits and easements, and shall not unreasonably encumber the Project site with construction equipment or other material or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or any land or areas contiguous thereto, resulting from the performance of the Work.

### **Section 34. Safety**

A. Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

- A.1 All employees on the Work and other persons and/or organizations who maybe affected thereby;
- A.2 All the Work and materials and equipment to be incorporated therein, whether in storage on or off the Project site; and
- A.3 Other property on Project site or adjacent thereto, including trees, shrubs, walks, pavements, roadways, structures, utilities and any underground structures or improvements not designated for removal, relocation or replacement in the Contract Documents.

B. Contractor shall comply with all applicable codes, laws, ordinances, rules and regulations of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. Contractor shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of underground structures and improvements and utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation or replacement of their property. Contractor's duties and responsibilities for the safety and protection of the Work shall continue until such time as the Work is completed and final acceptance of same by the County has occurred.

C. Contractor shall designate a responsible representative at the Project site whose duty shall be the prevention of accidents. This person shall be Contractor's superintendent unless otherwise designated in writing by Contractor to the County.

### **Section 35. Project Meetings**

Prior to the commencement of Work, the Contractor shall attend a preconstruction conference with the Engineer and others as appropriate to discuss the Progress Schedule, procedures for handling shop drawings and other submittals, and for processing Applications for Payment, and to establish a working understanding among the parties as to the Work. During the prosecution of the Work, the Contractor shall attend any and all meetings convened by the Engineer or the County with respect to the Project, when directed to do so by the County or Engineer. Contractor shall have its subcontractors and suppliers attend all such meetings (including the preconstruction conference) as may be directed by the County or Engineer.

### **Section 36. Notices**

A. All notices required or made pursuant to this Agreement by the Contractor to the County or Engineer shall be in writing and delivered by hand or by United States Postal Service Department, first class mail, postage pre-paid, return receipt requested, or by Federal Express, addressed to the following:

County

David Kraus, Columbia County Administrator  
135 NE Hernando Avenue, Suite 203  
Lake City, Florida 32056-1529

and

Engineer

Chad Williams  
PO Box 1529  
Lake City, Florida 32056

With courtesy copies also provided to:

Joel F. Foreman, County Attorney  
Columbia County, Florida  
207 S. Marion Avenue  
Lake City, Florida 32025

Kevin Kirby, Public Works Director  
Columbia County, Florida  
Post Office Box 969  
Lake City, Florida 32056-0969

Chad Williams, County Engineer  
Columbia County Engineering Department  
Post Office Box 1529  
Lake City, Florida 32056

B. All notices required or made pursuant to this Agreement by the County to Contractor shall be made in writing and shall be delivered by hand or by United States Postal Service Department, first class mail, postage pre-paid, return receipt requested, or by Federal Express, addressed to the following:

Corporate Name of Contractor: \_\_\_\_\_

Address (including city, state and zip): \_\_\_\_\_

Name of person with their title to whose  
Attention the notice should be sent: \_\_\_\_\_

Telephone and Fax numbers: \_\_\_\_\_

C. Either party may change its above noted address by giving written notice to the other party in accordance with the requirements of this Section.

**Section 37. Modification**

No modification or change to the Agreement shall be valid or binding upon the parties unless in writing and executed by the party or parties intended to be bound by it.

**Section 38. Successors and Assigns**

Subject to other provisions hereof, the Agreement shall be binding upon and shall inure to the benefit of the successors and assigns of the parties to the Agreement.

**Section 39. Governing Law**

The Agreement shall be interpreted under and its performance governed by the laws of the State of Florida.

**Section 40. Venue**

The state courts in and for Columbia County, Florida shall be the proper and sole venue for any legal action on any and all claims, disputes or other matters in controversy arising out of or relating to this Agreement, whether stated as contractual, tort, equitable, statutory or any other claims or causes of action.

**Section 41. No Waiver**

The failure of the County to enforce at any time or for any period of time any one or more of the provisions of the Agreement shall not be construed to be and shall not be a waiver of any such provision or provisions or of its right thereafter to enforce each and every such provision.

## **Section 42. Remedies Cumulative**

No right or remedy in this Agreement is intended to be exclusive of any other right or remedy, but every such right or remedy shall be cumulative and shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

## **Section 43. Entire Agreement**

Each of the parties hereto agrees and represents that the Agreement comprises the full and entire agreement between the parties affecting the Work contemplated, and no other agreement or understanding of any nature concerning the same has been entered into or will be recognized, and that all negotiations, acts, work performed, or payments made prior to the execution hereof shall be deemed merged in, integrated and superseded by the Agreement.

## **Section 44. Severability**

Should any provision of the Agreement be determined by a court to be unenforceable, such a determination shall not affect the validity or enforceability of any other section or part thereof.

## **Section 45. Third Party Beneficiaries**

It is specifically agreed between the parties executing this Agreement that it is not intended by any of the provisions of any part of the Agreement to create in the public or any member thereof, a third party beneficiary under this Agreement, or to authorize anyone not a party to this Agreement to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Agreement.

## **Section 46. 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 AT (386) 758-1326, BCCADMIN@COLUMBIACOUNTYFLA.COM, PO BOX 1529, LAKE CITY, FL 32056.**

Contractor must comply with the public records laws, Florida Statute chapter 119, specifically Contractor must:

- A. Keep and maintain public records required by the County to perform the service.

B. Upon request from the County's custodian of public records, provide the County 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 chapter 119 Florida Statutes or as otherwise provided by law.

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 for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the County.

D. Upon completion of the contract, transfer, at no cost, to the County all public records in possession of the contractor or keep and maintain public records required by the County 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 the public records. All records stored electronically must be provided to the public agency, upon the 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.

IN WITNESS WHEREOF, the parties have executed this Agreement on the date(s) indicated below.

CONTRACTOR: \_\_\_\_\_  
(Company Name)

ATTEST:

By: \_\_\_\_\_ (Signature) \_\_\_\_\_ (Printed)

Its: \_\_\_\_\_ (Title)

Date: \_\_\_\_\_

Witness:

Its: \_\_\_\_\_  
President/Corporate Secretary/Witness  
[Corporate Seal]

Date: \_\_\_\_\_

\_\_\_\_\_  
2nd Witness (if not incorporated)

OWNER: Board of County Commissioners of Columbia County, Florida

(SEAL)

By: \_\_\_\_\_  
Chairman

Clerk: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Approved as to Form and Content:

\_\_\_\_\_  
County Attorney

ATTACHMENT A  
FHWA 1273 FORM

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

- I. General
- II. Nondiscrimination
- III. Non-segregated 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. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

**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, United States Code, as required in 23 CFR 633.102(b) (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). 23 CFR 633.102(e).

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. 23 CFR 633.102(e).

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) in accordance with 23 CFR 633.102. 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 solicitation-for-bids or request-for-proposals 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). 23 CFR 633.102(b).

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. 23 CFR 633.102(d).

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. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

**II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)**

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A 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 Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 230, Subpart A, 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 (see 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 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 Part 35 and 29 CFR Part 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. 23 CFR 230.409 (g)(4) & (5).

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, sexual orientation, gender identity, 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 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 or other knowledgeable company official.

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, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure 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. 23 CFR 230.409. 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, sexual orientation, gender identity, 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, sexual orientation, gender identity, 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 thereunder. 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, sexual orientation, gender identity, 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, 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. Assurances Required:**

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient 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.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

**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 more than \$10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, 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, sexual orientation, gender identity, 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), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway

Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

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 (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), 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 basic hourly 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. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act ([40 U.S.C. 3141\(2\)\(B\)](#)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. 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 must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in paragraph 4. of this section. 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 classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH-1321) must 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. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in [29 CFR part 1](#), a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

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

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must 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 be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate 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 used 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) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) 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 will be sent by the contracting officer by email to [DBAconformance@dol.gov](mailto:DBAconformance@dol.gov). 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.

(4) 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 will, by email to [DBAconformance@dol.gov](mailto:DBAconformance@dol.gov), refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The 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.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division

under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must 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.

d. *Fringe benefits not expressed as an hourly rate.* 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 may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. *Unfunded plans.* 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, in accordance with the criteria set forth in § 5.28, 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.

f. *Interest.* In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

## 2. Withholding (29 CFR 5.5)

a. *Withholding requirements.* The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and 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.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph

2.a. of this section or Section V, paragraph 3.a., or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901–3907](#).

### 3. Records and certified payrolls (29 CFR 5.5)

*a. Basic record requirements (1) Length of record retention.* All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

*(2) Information required.* Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; 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 [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act); daily and weekly number of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

*(3) Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section 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 [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act, the contractor must 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.

*(4) Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

*b. Certified payroll requirements (1) Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting

agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

*(2) Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker ( e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division website at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

*(3) Statement of Compliance.* Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working 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 [29 CFR part 3](#); and

(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(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

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

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under [18 U.S.C. 1001](#) and [31 U.S.C. 3729](#).

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access (1) Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, 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, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under [29 CFR part 6](#) any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address

of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

#### **4. Apprentices and equal employment opportunity (29 CFR 5.5)**

a. *Apprentices (1) Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform 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 (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must 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, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must 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 this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with

the equal employment opportunity requirements of Executive Order 11246, as amended, and [29 CFR part 30](#).

c. 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. 23 CFR 230.111(e)(2). 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 journeyworkers 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 as provided in 29 CFR 5.5.

**6. Subcontracts.** The contractor or subcontractor must insert FHWA-1273 in any subcontracts, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 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 as provided in 29 CFR 5.5.

**9. Disputes concerning labor standards.** As provided in 29 CFR 5.5, 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 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 [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, [18 U.S.C. 1001](#).

**11. Anti-retaliation.** It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#); or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#).

## V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), 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 watchpersons 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. 29 CFR 5.5.

**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 and interest from the date of the underpayment. 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 watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)\* 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.

\* \$31 as of January 15, 2023 (See 88 FR 88 FR 2210) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

### 3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, 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 that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section IV paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

**4. Subcontracts.** The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the

event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

**5. Anti-retaliation.** It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

### VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

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" in paragraph 1 of Section VI 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: (based on longstanding interpretation)

- (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. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), 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. Pursuant to 23 CFR 635.116(c), 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. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

## **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 Part 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. 23 CFR 635.108.

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 Part 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). 29 CFR 1926.10.

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 Part 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 11, 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 (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)**

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

**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. 2 CFR 180.220 and 1200.220.

**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. 2 CFR 180.320.
- 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. 2 CFR 180.325.
- 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. 2 CFR 180.345 and 180.350.

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, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient 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 recipient or subrecipient 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. 2 CFR 180.330.

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. 2 CFR 180.220 and 180.300.

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. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. 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 System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

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 CFR 180.325.

\* \* \* \* \*

**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 CFR 180.335;

(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, 2 CFR 180.800;

(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, 2 CFR 180.700 and 180.800; 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. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

\*\*\*\*\*

**3. 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). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant 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. 2 CFR 180.365.

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, Subpart I, 180.900 – 180.1020, 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 recipient or subrecipient 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 recipient or subrecipient 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. 2 CFR 1200.220 and 1200.332.

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. 2 CFR 180.220 and 1200.220.

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 System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

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. 2 CFR 180.325.

\*\*\*\*\*

#### **4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:**

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should 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 Part 20, App. A.

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.

#### **XII. USE OF UNITED STATES-FLAG VESSELS:**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor 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. 46 CFR 381.7.

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 (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS  
PREFERENCE FOR APPALACHIAN DEVELOPMENT  
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS  
ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)**

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.

**ATTACHMENT B**  
**LAP SPECIFICATIONS**



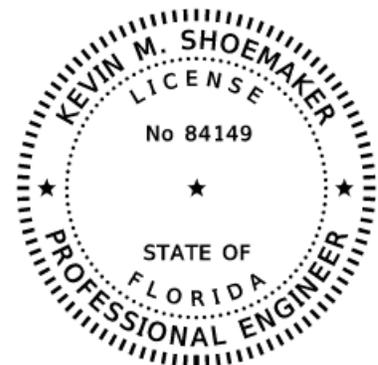
LAP SPECIFICATIONS PACKAGE  
FINANCIAL PROJECT ID(S). 447473-1-58-01  
COLUMBIA COUNTY

The applicable Articles and Subarticles of the General Requirements & Covenants division (Division I) of the FY 2023-24 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 Kevin Shoemaker, P.E. 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: September 29, 2023  
State of Florida,  
Professional Engineer, License No.: 84149  
Firm/Agency Name: STV Incorporated  
Firm/Agency Address: 5200 Belfort Road, Suite 400  
City, State, Zip Code: Jacksonville, FL 32256-6054  
Page(s): 1-68



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**LAP DIVISION 1 SPECIFICATIONS.**

(REV 10-10-23) (FY 2023-24)

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**

Columbia County

### **Engineer**

Columbia County Engineer, acting directly or through duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them.

### **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 4-1	
Item	Rate
FICA	Rate established by Law
FUTA/SUTA	Rate established by Law
Medical Insurance	Actual
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

Table 4-1	
Item	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 4-1,
- 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 EquipmentWatch, 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 =  $\text{Monthly Rate} / 176 \times \text{Adjustment Factors} \times 100\%$ .
- b. Allowable Hourly Operating Cost =  $\text{Hourly Operating Cost} \times 100\%$ .
- c. Allowable Rate Per Hour =  $\text{Allowable Hourly Equipment Rate} + \text{Allowable Hourly Operating Cost}$ .
- d. Standby Rate =  $\text{Allowable Hourly Equipment Rate} \times 50\%$ .

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 Contractors 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:** Comply with 2 CFR 184 and 2 CFR 200.322, which includes the Buy America Sourcing Preferences of the Build America, Buy America Act (BABA). Domestic compliance for all affected products will be listed on the APL. The list of affected articles, materials, and supplies that have been added to the APL and are not identified in each individual Section can be found at the following URL:

<https://www.fdot.gov/programmanagement/ProductEvaluation/Default.shtm>.

**6-5.2.1 Steel and Iron:** 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.

**6-5.2.2 Manufactured Products:** Use Manufactured Products that are consumed in, incorporated into, or affixed to an infrastructure project that are manufactured in the United States, in accordance with BABA requirements and applicable waivers.

**6-5.2.3 Construction Materials:** Use non-ferrous metals, plastic and polymer-based products, glass, lumber, and drywall articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project that are manufactured in the United States, in accordance with BABA requirements.

**6-5.2.4 Exemptions to Build America, Buy America:** Temporary devices, equipment, and other items removed at or before the completion of the project are exempt from BABA funding eligibility requirements. Aggregates, cementitious materials, and aggregate binding agents or additives are exempted from BABA funding eligibility requirements.

**6-5.3 Contaminated, Unfit, Hazardous, and Dangerous Materials:** Do not use any material that, after approval and/or placement, has in any way become unfit for use. Do not use materials containing any substance that has been determined to be hazardous by the State of Florida Department of Environmental Protection or the U.S. Environmental Protection Agency (EPA). Provide workplaces free from serious recognized hazards and to comply with occupational safety and health standards, as determined by the U.S. Department of Labor Occupational Safety and Health Administration (OSHA).

## **FROM SECTION 7 – LEGAL REQUIREMENTS AND RESPONSIBILITIES TO THE PUBLIC (FHWA 1273, WAGE RATES, E-VERIFY, TITLE VI, DBE, AND ON-THE-JOB TRAINING)**

**7-1.1 Compliance with FHWA 1273:** The FHWA-1273 Electronic version, dated October 23, 2023 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/fhwa\\_1273\\_revised-10-23-23.pdf?sfvrsn=d7604d20\\_1](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/fhwa_1273_revised-10-23-23.pdf?sfvrsn=d7604d20_1)

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](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	County	Associated Work
FL20240140	Columbia	Highway

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.~~

~~\_\_\_\_\_ c. 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

Estimated Contract Amount	Trainees Required
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.

### **7-29 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.

## **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.

When the Department grants a time extension due to rains or other inclement weather, the Contractor shall submit any objection to the additional time in writing within ten calendar days from receipt of written notice from the Engineer. Failure to submit a written appeal within ten calendar days from receipt of the written notice shall constitute a waiver of any and all rights to appeal the Department's decision at a later time.

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
\$299,999 and under.....	\$980
\$300,000 but less than \$2,000,000.....	\$1,699
\$2,000,000 but less than \$5,000,000.....	\$2,650
\$5,000,000 but less than \$10,000,000.....	\$3,819
\$10,000,000 but less than \$20,000,000.....	\$4,687
\$20,000,000 but less than \$40,000,000.....	\$7,625
\$40,000,000 and over.....	\$10,467 plus 0.00005 of any amount over \$40 million (Round to nearest whole dollar)

The Engineer may approve adjustments to the liquidated damages amounts in accordance with the Construction Project Administration Manual (CPAM) provided all contract work is complete.

**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.

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. **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.

**9-5.5 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.

**120 EARTHWORK AND RELATED OPERATIONS FOR LAP (CLASS - D).  
(REV 3-2-22) (FA 7-13-21) (FY 2023-24)**

SECTION 120 is deleted and the following substituted:

**SECTION 120  
EARTHWORK AND RELATED OPERATIONS FOR LAP (CLASS - D)**

**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 consist 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.

**120-1.3 Unidentified Areas of Contamination:** When encountering or exposing any abnormal condition indicating the presence of contaminated materials, cease operations immediately in the vicinity and notify the Engineer. The presence of tanks or barrels; discolored earth, metal, wood, ground water, etc.; visible fumes; abnormal odors; excessively hot earth; smoke; or other conditions that appear abnormal may indicate the presence of contaminated materials and must be treated with extreme caution.

Make every effort to minimize the spread of contamination into uncontaminated areas. Immediately provide for the health and safety of all workers at the job site and make provisions necessary for the health and safety of the public that may be exposed to any potentially hazardous conditions. Ensure provisions adhere to all applicable laws, rules or regulations covering potentially hazardous conditions and will be in a manner commensurate with the gravity of the conditions.

The Engineer will notify the Department of a contamination assessment/remediation process plan to determine the course of action necessary for site security and the steps necessary under applicable laws, rules, and regulations for additional assessment and/or remediation work to resolve the contamination issue.

## **120-2 Classifications of Excavation.**

**120-2.1 General:** The Engineer may classify excavation specified under this Section for payment as any of the following: regular excavation, subsoil excavation, lateral ditch excavation, and channel excavation.

The definition of existing surface is a combination of the following:

1. The original unpaved ground line;
2. The bottom of the existing pavement;
3. The bottom of existing features removed by clearing and grubbing;
4. The bottom of the existing base, if the base is to be removed.

The definition of finished graded surface includes the completed grades of side slopes, unpaved shoulders, and the bottom of the base for flexible or rigid pavement.

**120-2.2 Regular Excavation:** Regular excavation includes roadway excavation and borrow excavation, as defined below for each.

: Roadway excavation consists of the excavation and the utilization or disposal of all materials necessary for the construction of the roadway, ditches, channel changes, etc., except as may be specifically shown to be paid for separately and that portion of the lateral ditches within the limits of the roadway right-of-way as shown in the Plans.

Borrow excavation consists of the excavation and utilization of material from authorized borrow pits, including only material that is suitable for the construction of roadway embankments or of other embankments covered by the Contract.

A Cost Savings Initiative Proposal (CSIP) submittal based on using borrow material from within the project limits will not be considered.

**120-2.3 Subsoil Excavation:** Subsoil excavation consists of the excavation and disposal of muck, clay, rock, or any other material that is unsuitable in its original position and that is excavated below the existing surface. For pond and ditches that identify the placement of a blanket material, the existing surface is the bottom of the blanket material. Subsoil excavation also consists of the excavation of all suitable material within the above limits as necessary to excavate the unsuitable material. Consider the limits of subsoil excavation indicated in the Plans as being particularly variable, in accordance with the field conditions encountered.

The quantity of material required to replace the excavated material and to raise the elevation of the roadway to the bottom of the template will be paid for under embankment or borrow excavation (Truck Measure).

**120-2.4 Lateral Ditch Excavation:** Lateral ditch excavation consists of all excavation of inlet and outlet ditches to structures and roadway, and ditches parallel to the roadway right-of-way. Dress lateral ditches to the grade and finished graded surface shown in the Plans.

**120-2.5 Channel Excavation:** Channel excavation consists of the excavation of channels of streams and satisfactory disposal of all materials from the limits of the channel as shown in the Plans.

**120-2.6 Excavation for Structures and Pipe:** Excavation for structures consists of the excavation for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipelines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

### **120-3 Preliminary Soils Investigations.**

When the Plans contain the results of a soil survey, do not assume such data is a guarantee of the depth, extent, or character of material present.

### **120-4 Excavation Requirements.**

#### **120-4.1 Removal of Unsuitable Materials and Existing Roads**

**120-4.1.1 Subsoil Excavation:** Where rock, muck, clay, or other material within the limits of the roadway is unsuitable in its original position, excavate such material to the depth shown in the Plans as the removal limits or as indicated by the Engineer, and backfill with suitable material. Where the removal of plastic soils is required, meet a construction tolerance of  $\pm 0.2$  foot in depth and  $\pm 6$  inches (each side) in width.

**120-4.1.2 Construction over Existing Old Road:** Where a new roadway is to be constructed over an old one, completely remove the existing pavement for the entire limits of the width and depth. If the Plans provide that paving materials may be incorporated into the fill, distribute such material in a manner so as not to create voids. Recompact the old road meeting the requirements of 120-10.2.

**120-4.2 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 finished graded surface shown in the Plans.

**120-4.3 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 pipelines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

#### **120-4.4 Excavation for Structures and Pipe.**

**120-4.4.1 Requirements for all Excavation:** Perform all excavation to foundation materials, satisfactory to the Engineer, regardless of the elevation shown in the Plans. Remove rock, boulders or other hard lumpy or unyielding material to a depth of 12 inches below the bottom of pipes and box culverts elevations. Remove muck or other soft material to the depth indicated in the Plans or as directed by the Engineer.

**120-4.4.2 Earth Excavation:**

**120-4.4.2.1 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.

**120-4.4.2.2 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.

**120-4.4.2.3 Removal of Obstructions:** Remove boulders, logs, or any unforeseen obstacles encountered in excavating.

**120-4.4.3 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.

**120-4.4.4 Pipe Trench Excavation:** Excavate trenches for pipes 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 pipelines 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.

For pipe trenches utilizing trench boxes, ensure that the trench box used is of sufficient width to permit thorough tamping of bedding material under and around the pipes as specified in 125-8.1.6.

Do not disturb the installed pipe and its embedment when moving trench boxes. Move the trench box carefully to avoid excavated wall displacement or damage. As the trench box is moved, fill any voids left by the trench box and continuously place and compact the backfill material adjacent to and all along the side of the trench box walls to fill any voids created by the trench box.

**120-5 Disposal of Surplus and Unsuitable Material.**

**120-5.1 Ownership of Excavated Materials:** Take ownership of the materials and dispose them outside the right-of-way.

**120-5.2 Placement of Muck on Side Slopes:** As an exception to the provisions of 120-5.1, the Contractor may store muck (A-8 material) alongside the roadway, provided there is a clear distance of at least 6 feet between the roadway grading limits and the muck. Do not store

such material in a manner which will impede the inflow or outfall of any channel or side ditches. All stored materials that is not used for the final surface material must be disposed of outside the right-of-way.

**120-5.3 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. 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.

**120-5.4 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.

## **120-6 Materials for Embankment.**

**120-6.1 General Requirements for Embankment Materials:** Construct embankments using suitable materials excavated from the roadway or delivered to the jobsite from authorized borrow pits. Embankment material shall not contain muck, stumps, roots, brush, vegetable matter, rubbish, reinforcement bar or other material that does not compact into a suitable and enduring roadbed.

Remove all waste material designated as undesirable. Use material in embankment construction in accordance with Plan details or as the Engineer directs.

Construct the embankment using maximum particle sizes as follows:

1. In top 12 inches: 3-1/2 inches (in any dimension).
2. 12 to 24 inches: 6 inches (in any dimension).
3. 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 120-9.2.

When and where approved by the Engineer, larger rocks (not to exceed 18 inches in any dimension) may be placed outside the 1:2 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.

**120-6.2 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.

**120-6.3 Authorization for Use of Borrow:** Use borrow pit 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.

**120-6.3.1 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.

**120-6.3.2 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. Include all costs of providing a material with the required bearing value in the Contract unit price for borrow material.

**120-6.4 Materials Used at Pipes, Culverts, etc.:** Construct embankments over and around pipes, culverts, and bridge foundations with selected materials.

## **120-7 Embankment Construction.**

**120-7.1 General:** Construct embankments in sections of not less than 300 feet in length or for the full length of the embankment. Do not construct another LOT over an untested LOT without the Engineer's approval in writing.

For construction of mainline pavement lanes, turn lanes, ramps, parking lots, concrete box culverts and retaining wall systems, a LOT is defined as a single lift of finished embankment not to exceed 500 feet.

For construction of shoulder-only areas, shared use paths, and sidewalks areas, a LOT is defined as a single lift of finished embankment not to exceed 2000 feet.

Isolated compaction operations will be considered as separate LOTs. For multiple phase construction, a LOT shall not extend beyond the limits of the phase.

### **120-7.2 Dry Fill Method:**

**120-7.2.1 General:** Construct embankments to meet compaction requirements in 120-7 and in accordance with the acceptance program requirements in 120-10.

Construct embankment in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

#### **120-7.2.1.1 Maximum Compacted Lift Thickness Requirements:**

Construct the embankment in successive layers with lifts up to a maximum listed in the table below based on the embankment material classification group.

Table 120-1			
Group	AASHTO Soil Class	Maximum Lift Thickness	Thick Lift Control Test Section Requirements
1	A-3	12 inches	Not Needed
	A-2-4 (No. 200 Sieve $\leq$ 15%)		
2	A-1	6 inches without Control Test Section	Maximum of 12 inches per 120-7.2.1.2
	A-2-4 (No. 200 Sieve $>$ 15%)		
	A-2-5, A-2-6, A-2-7, A-4, A-5, A-6		
	A-7 (Liquid Limit $<$ 50)		

**120-7.2.1.2 Thick Lift Requirements:** For embankment materials classified as Group 2 in Table 120-1 above, the option to perform thick lift construction in successive layers of not more than 12 inches compacted thickness may be used after meeting the following requirements:

1. Demonstrate the possession and control of compacting equipment sufficient to achieve density required by 120-10.5 for the full depth of a thicker lift.
2. Construct a test section of the length of one full LOT of not less than 500 feet.
3. Perform five tests at random locations within the test section.
  - a. All five tests must meet the density required by 120-10.5.
  - b. Identify the test section with the compaction effort and soil classification in the project's records.
4. Obtain Engineer's approval for the compaction effort after completing a successful test section.

In case of a change in compaction effort or soil classification, failing density test, construct a new test section. The Contractor may elect to place material in 6 inches compacted thickness at any time. Construct all layers approximately parallel to the centerline profile of the road.

The Engineer reserves the right to terminate the Contractor's use of thick lift construction. Whenever the Engineer determines that the Contractor is not achieving satisfactory results, revert to the 6-inch compacted lifts.

**120-7.2.1.3 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 120-9.2.4.

**120-7.2.2 Placing in Unstable Areas:** When 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 120-9.2.3 and 120-9.2.6.

**120-7.2.3 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.

**120-7.2.4 Placing Outside Standard Minimum Slope:** The standard minimum slope is defined as the plane described by a one (vertical) to two (horizontal) slope downward from the roadway shoulder point or the gutter line, in accordance with Standard Plans, Index 120-001 and 120-002. Where material that is unsuitable for normal embankment construction is to be used in the embankment outside the standard minimum slope, 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.

**120-7.3 Hydraulic Method:**

**120-7.3.1 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 reworked or moved and placed in its final position by any other method, as specified in 120-9.2. Baffles or any other form of construction may be used if 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 all voids. When placing fill on submerged land, construct dikes prior to beginning of dredging, and maintain the dikes throughout the dredging operation.

**120-7.3.2 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.

**120-7.3.3 Protection of Openings in Embankment:** Maintain 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.

**120-8 Backfilling Around Structures and Pipe.**

**120-8.1 Requirements for Structures and Pipes:**

**120-8-1.1 General:** Backfill around structures and pipe in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering. A LOT is defined as one lift of backfill material placement, not to exceed 500 feet in length or a single run of pipe connecting two successive structures, whichever is less. Backfill for structures and pipe compacted in one operation will be considered as one LOT within the cover zone. Backfill around structures compacted separately from the pipe will be considered as separate LOTs. Backfill on each side of the pipe for the first lift will be considered a separate LOT. Backfill on opposite sides of the pipe for the remaining lifts will be considered separate LOTs, unless the same compaction effort is applied. Same compaction effort is defined as the same type of equipment (make and model) making the same number of passes on both sides of the pipe. For multiple phases of backfill, a LOT shall not extend beyond the limits of the phase.

When placing backfill within a trench box, each lift of backfill is considered a LOT. Placement of backfill within a trench box limits will be considered a complete operation before trench box is moved for next backfill operation. When the trench box is moved

for next backfill operation this will start new LOTs for each lift. Follow the density testing frequency in 125-9.3.1.

**129-8.1.2 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 in the Standard Plans 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:** 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, under the haunches of the pipes, around box culverts, and all structures including pipe culverts. When the backfill material is deposited in water, compact as specified in 125-8.2.5 and 125-8.3.4.

**120-8.1.6.1 Thick Lift Requirements:** The Contractor may elect to place material in thicker lifts of no more than 12 inches compacted thickness above the Soil Envelope if the embankment material is classified as Group 1 in the table below. If the embankment material is classified as Group 2 in the table below and the Contractor chooses to place material in thicker lifts of no more than 12 inches compacted thickness above the soil envelope, then the Contractor must demonstrate with a successful test section that density can be achieved. Thick lift around structures is only allowed above the soil envelope of the connecting pipe. Notify the Engineer in writing prior to beginning construction of a test section. Construct a test section of the length of one LOT. Perform five quality control tests at random locations within the test section. All five tests must meet the density required by 120-9.2. Identify the test section with the compaction effort and soil classification in the project's records. In case of a change in compaction effort or soil classification, construct a new test section. When a test fails the requirements of 120-9.2, construct a new test section. The Contractor may elect to place material in 6 inches compacted thickness at any time.

Table 120-2					
Group	AASHTO Soil Class	Maximum Lift Thickness		Thick Lift Control Test Section Requirements	
		Within Cover Zone	Above Soil Envelope	Within Cover Zone	Above Soil Envelope
1	A-3	6 inches	12 inches	N/A	Not Needed
	A-2-4 (No. 200 Sieve $\leq$ 15%)				
2	A-1	6 inches without control test section	N/A	Maximum of 12 inches per 120-7.2.1.2	
	A-2-4 (No. 200 Sieve $>$ 15%)				
	A-2-5, A-2-6, A-2-7, A-4, A-5, A-6				
	A-7 (Liquid Limit $<$ 50)				

**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 in<sup>2</sup>. 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 Greater than 12 Inches Inside Diameter:**

**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 the 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 Standard Plans, Index 120-001.

#### **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 its 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.

The Engineer may permit the use of coarse aggregate below the elevation at which mechanical tampers would be effective. Use coarse aggregate from approved sources for Aggregate Size Number 89, 8, 78, 7, 68, 6, or 57. Place the coarse aggregate such that it will be stable and firm. Fully wrap the aggregate with an appropriate geosynthetic filter fabric, as

specified by the Engineer. Do not place coarse aggregate within 4 feet of the ends of the trench or ditch. Use normally accepted backfill material at the ends.

### **120-9 Compaction Requirements.**

**120-9.1 Moisture Content:** Compact the materials at a moisture content such that the specified density can be attained. If necessary, add water to the material, or lower the moisture content by manipulating the material or allowing it to dry, as is appropriate, to attain the specified density.

#### **120-9.2 Compaction of Embankments:**

**120-9.2.1 Earthwork Category 1 and 2 Density Requirements:** The Engineer will accept a minimum density of 95% of the maximum density as determined by FM 1-T099 for all earthwork items requiring densities.

**120-9.2.2 Earthwork Category 3 Density Requirements:** The Engineer will accept a minimum of 100% of the maximum density as determined by FM 1-T099 for all densities required under category 3. Except for embankments constructed by the hydraulic method as specified in 120-7.3, and for the material placed outside the standard minimum slope as specified in 120-7.2.4, 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.

**120-9.2.3 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 120-7.2.2), compact the top 6 inches (compacted thickness) of such layer to the density as specified in 120-10.5.

**120-9.2.4 Compaction Where Plastic Material Has Been Removed:** Where unsuitable material is removed and the remaining surface is of soil classifications A-4, A-5, A-6, or A-7 per AASHTO M145, as determined by the Engineer, compact the surface of the excavated area by rolling with a sheepsfoot 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.

**120-9.2.5 Compaction for Pipes, Culverts, etc.:** Compact the backfill of trenches to the densities specified for embankment or subgrade, as applicable, and in accordance with the requirements of this section.

Thoroughly compact embankments over and around pipes, culverts, and bridges in a manner which will not place undue stress on the structures, and in accordance with the requirements of this section.

**120-9.2.6 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 needed for planting.

**120-9.2.7 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.

**120-9.3 Compaction of Subgrade:** If the plans do not provide for stabilizing, compact the subgrade in both cuts and fills to the density specified in 120-10.5. For cut areas, determine Standard Proctor Maximum Density in accordance with FM 1-T099 at a frequency of one per mile or when there is a change in soil type, whichever occurs first. For undisturbed soils, do not apply density requirements where constructing paved shoulders is 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.

### **120-10 Acceptance Program.**

**120-10.1 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 FM 1-T099.

**120-10.2 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 120-10.3.

**120-10.3 Density Testing Requirements:** Compliance with the requirements of 120-10.5 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).

**120-10.4 Soil Classification and Organic Content:** The Engineer will perform soil classification tests in accordance with AASHTO T88, T89, T90, and FM 1-T267. The Engineer will classify soils in accordance with AASHTO M-145 in order to determine compliance with embankment utilization requirements. The Engineer will verify the organic content test with the criteria specified in Standard Plans, Index 120-001.

**120-10.5 Acceptance Criteria:** The Engineer will accept a minimum density in accordance with 120-9.2 with the following exceptions:

- 1) embankment constructed by the hydraulic method as specified in 120-7.3;
- 2) material placed outside the standard minimum slope as specified in 120-7.2.4;
- 3) other areas specifically excluded herein.

**120-10.6 Frequency:** The Engineer will conduct sampling and testing at a minimum frequency listed in the table below.

Test Name	Frequency
Proctor Maximum Density	One per soil type
Density	1 per LOT (Alternate Lift)
Soil Classification and Organic Content	One per Maximum Density

### **120-11 Maintenance and Protection of Work.**

While construction is in progress, always maintain adequate drainage for the roadbed. Maintain a shoulder at least 3 feet wide adjacent to all pavement or base construction 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 and grades shown in the Plans, until final acceptance of the project.

### **120-12 Construction.**

**120-12.1 Construction Tolerances:** Shape the surface of the earthwork to conform to the lines and grades shown in the Plans. In final shaping of the surface of earthwork, maintain a tolerance of 0.3 foot above or below the finished graded surface with the following exceptions:

1. Shape the surface of shoulders to within 0.1 foot of the finished graded surface.
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 finished graded surface.

Ensure that the shoulder lines do not vary horizontally more than 0.3 foot from the true lines shown in the Plans.

**120-12.2 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.

### **120-13 Method of Measurement.**

**120-13.1 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.

**120-13.2 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.

**120-14 Basis of Payment.**

**120-14.1 General:** Prices and payments for the work items included in this Section will be full compensation for all work described herein, including excavating, dredging, pumping, hauling, placing, and compacting; dressing the surface of the earthwork; and maintaining and protecting the complete earthwork.

**120-14.2 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.

**120-14.3 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.

**334 ASPHALT CONCRETE FOR LAP (CLASS - D).  
(REV 3-2-22) (FA 7-2-21) (FY 2023-24)**

SECTION 334 is deleted and the following substituted:

**SECTION 334  
ASPHALT CONCRETE FOR LAP (OFF-SYSTEM)**

**334-1 Description.**

**334-1.1 General:** Construct an Asphalt Concrete pavement based on the type of work specified in the Contract and the Asphalt Work Categories as defined below. Meet the applicable requirements for plants, equipment, and construction requirements as defined below. Use an asphalt concrete mix that meets the requirements of this specification.

**334-1.2 Asphalt Work Mix Categories:** Construction of Asphalt Concrete Pavement will fall into one of the following work categories:

**334-1.2.1 Asphalt Work Category 1:** Includes the construction of bike paths and miscellaneous asphalt.

**334-1.2.2 Asphalt Work Category 2:** Includes the construction of new turn lanes, paved shoulders and other non-mainline pavement locations.

**334-1.2.3 Asphalt Work Category 3:** Includes the construction of new mainline pavement lanes, milling and resurfacing.

**334-1.3 Mix Types:** Use the appropriate mix type as shown in Table 334-1.

Table 334-1 Mix Types			
Asphalt Work Category	Mix Types	Traffic Level	ESALs (millions)
1	Type SP-9.5 <sup>(1)</sup>	A	<0.3
2	Structural Mixes: Types SP-9.5 or SP-12.5 <sup>(1)</sup> Friction Mixes: Types FC-9.5 or FC-12.5 <sup>(1)</sup>	B	0.3 to <3
3	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	C	≥3

(1) Equivalent mixes may be approved as determined by the Engineer. For example, Marshall S-III mixture type is equivalent to Superpave SP-9.5, Marshall S-I is equivalent to Superpave SP-12.5, and Marshall FC-3 is equivalent to Superpave FC-9.5.

For a Traffic Level A mixture, meet the mix design criteria for a Traffic Level B mixture and for a Traffic Level D mixture meet the mix design criteria for a Traffic Level E mixture.

At no additional cost to the Department, for a Type SP mix the following Traffic Level substitutions are allowed:

- Traffic Level E can be substituted for Traffic Level D.
- Traffic Level D or E can be substituted for Traffic Level C.
- Traffic Level C can be substituted for Traffic Level B.
- Traffic Level B or C can be substituted for Traffic Level A.

**334-1.4 Gradation Classification:** Asphalt concrete mixtures are classified as fine and are defined in Standard Specification 334-3.2.2.

The equivalent AASHTO nominal maximum aggregate size Superpave mixes are as follows:

- Type SP-9.5, FC-9.5 ..... 9.5 mm
- Type SP-12.5, FC-12.5 ..... 12.5 mm

**334-1.5 Thickness:** The total pavement thickness of the asphalt concrete pavement layers will be the plan thickness as shown in the Contract Documents. Before paving, propose a thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan thickness. For construction purposes, the plan thickness and individual layer thickness will be converted to spread rate using the following equation:

$$\text{Spread rate (lbs/yd}^2\text{)} = t \times G_{mm} \times 43.3$$

where: t = Thickness (in.) (Plan thickness or individual layer thickness)  
G<sub>mm</sub> = Maximum specific gravity from the mix design

For target purposes only, spread rate calculations shall be rounded to the nearest whole number.

**334-1.5.1 Layer Thicknesses:** Unless otherwise called for in the Contract Documents, the allowable layer thicknesses for asphalt concrete mixtures are as follows:

- Type SP-9.5, FC-9.5 ..... 1 to 1-1/2 inches

Type SP-12.5..... 1-1/2 to 3 inches  
Type FC-12.5 ..... 1-1/2 to 2-1/2 inches

**334-1.5.2 Additional Requirements:** The following requirements also apply to asphalt Concrete mixtures:

1. When construction includes the paving of adjacent shoulders (less than or equal to 5 feet wide), the layer thickness for the upper pavement layer and shoulder shall be the same and paved in a single pass, unless otherwise called for in the Contract Documents.

2. For overbuild layers, use the minimum and maximum layer thicknesses as specified above unless called for differently in the Contract Documents. On variable thickness overbuild layers, the minimum and maximum allowable thicknesses will be as specified below, unless called for differently in the Contract Documents.

Type SP-9.5..... 3/8 to 2 inches  
Type SP-12.5..... 1/2 to 3 inches  
Type SP-19.0..... 1-1/2 to 4 inches

3. Variable thickness overbuild layers constructed using a Type SP-9.5 or SP-12.5 mixtures may be tapered to zero thickness provided the contract documents require a minimum of 1-1/2 inches of dense-graded mix placed over the variable thickness overbuild layer.

**334-1.6 Weight of Mixture:** The weight of the mixture shall be determined as provided in 320-3.2 of the Florida Department of Transportation (FDOT) specifications.

### **334-2 Materials.**

**334-2.1 Superpave Asphalt Binder:** Unless specified elsewhere in the Contract Documents, use an asphalt binder grade as determined from Table 334-2. If the Contract calls for an alternative binder, meet the requirements of FDOT Specification 916.

**334-2.2 Aggregate:** Use aggregate capable of producing a quality pavement. Size, grade and combine the aggregate fractions to meet the grading and physical properties of the mix design. Aggregates from various sources may be combined.

For Type FC mixes, use an aggregate blend that consists of approved friction course aggregates that consists of crushed granite, crushed granitic gneiss, crushed limestone, crushed shell rock, or a combination of the above. As an exception, mixes that contain a minimum of 60% of approved friction course aggregates of crushed granite and/or crushed gneiss may either contain: up to 40% fine aggregate from other sources of aggregate not approved for friction courses or a combination of up to 20% RAP and the remaining fine aggregate from other sources of aggregate not approved for friction courses. Mixtures utilizing High Polymer (HP) binder are not allowed to contain RAP.

A list of aggregates approved for use in friction courses may be available on the FDOT's State Materials Office website. The URL for obtaining this information, if available, is: <https://mac.fdot.gov/>.

### **334-2.3 Reclaimed Asphalt Pavement (RAP) Material:**

**334-2.3.1 General requirements:** RAP may be used as a component of the asphalt mixture subject to the following requirements:

1. Limit the amount of RAP material used in the mix to a maximum of 50% by weight of total aggregate.

2. Assume full responsibility for the design, production and construction of asphalt mixes which incorporate RAP as a component material.

3. Provide stockpiled RAP material that is reasonably consistent in characteristics and contains no aggregate particles which are soft or conglomerates of fines.

4. Provide RAP material having a minimum average asphalt content of 4.0% by weight of total mix. As an exception, when using fractionated RAP, the minimum average asphalt binder content for the coarse portion of the RAP shall be 2.5% by weight of the coarse portion of the RAP. The coarse portion of the RAP shall be the portion of the RAP retained on the No. 4 sieve. The Engineer may sample the stockpile to verify that this requirement is met.

4. When using RAP as a component material, prevent any oversized RAP from being incorporated into the completed mixture by the use of a grizzly or grid over the RAP bin; in-line roller or impact crusher; screen; or other suitable means. If oversized RAP material appears in the completed recycled mix, take the appropriate corrective action immediately. If the appropriate corrective actions are not immediately taken, stop plant operations.

**334-2.3.2 Material Characterization:** Assume responsibility for establishing the asphalt binder content, gradation, viscosity and bulk specific gravity ( $G_{sb}$ ) of the RAP material based on a representative sampling of the material.

**334-2.3.3 Asphalt Binder for Mixes with RAP:** Select the appropriate asphalt binder grade based on Table 334-2

Table 334-2 Asphalt Binder Grade for Mixes Containing RAP	
Percent RAP	Asphalt Binder Grade
0 - 15	PG 67-22
16 - 30	PG 58-22
≥ 30	PG 52-28

### 334-3 Composition of Mixture.

**334-3.1 General:** Compose the asphalt mixture using a combination of aggregate (coarse, fine or mixtures thereof), mineral filler, if required, and asphalt binder material. Size, grade and combine the aggregate fractions to meet the grading and physical properties of the mix design. Aggregates from various sources may be combined.

#### 334-3.2 Mix Design:

**334-3.2.1 General:** Design the asphalt mixture in accordance with AASHTO R 35, except as noted herein. Submit the proposed mix design with supporting test data indicating compliance with all mix design criteria to the Engineer. Prior to the production of any asphalt mixture, obtain the Engineer's conditional approval of the mix design. If required by the Engineer, send representative samples of all component materials, including asphalt binder to a laboratory designated by the Engineer for verification. As an exception to these requirements, use a currently approved FDOT Mix Design.

The Engineer will consider any marked variations from original test data for a mix design or any evidence of inadequate field performance of a mix design as sufficient evidence that the properties of the mix design have changed, and at his/her discretion, the Engineer may no longer allow the use of the mix design.

**334-3.2.2 Mixture Gradation Requirements:** Combine the coarse and fine aggregate in proportions that will produce an asphalt mixture meeting all of the requirements

defined in this specification and conform to the gradation requirements at design as defined in AASHTO M 323. Aggregates from various sources may be combined.

**334-3.2.2.1 Mixture Gradation Classification:** Plot the combined mixture gradation on an FHWA 0.45 Power Gradation Chart. Include the Control Points from AASHTO M, as well as the Primary Control Sieve (PCS) Control Point from AASHTO M. Fine mixes are defined as having a gradation that passes above the primary control sieve control point and above the maximum density line for all sieve sizes smaller than the primary control sieve and larger than the No. 30 sieve. Use only fine mixes.

**334-3.2.3 Gyratory Compaction:** Compact the design mixture in accordance with AASHTO T 312, with the following exception: use the number of gyrations at  $N_{\text{design}}$  as defined in Standard Specification Table 334-4. Measure the inside diameter of gyratory molds in accordance with AASHTO T 312.

**334-3.2.4 Design Criteria:** Meet the requirements for nominal maximum aggregate size as defined in AASHTO M, as well as for relative density, VMA, VFA, and dust-to-binder ratio as specified in AASHTO M 323.  $N_{\text{initial}}$  and  $N_{\text{maximum}}$  requirements are not applicable.

**334-3.2.5 Moisture Susceptibility:**

1. For all traffic levels, use a liquid anti-strip agent listed on the APL at the specified dosage rate. Hydrated lime may be used instead of the liquid anti-strip agent.
2. Provide a mixture having a retained tensile strength ratio of at least 0.80 and a minimum tensile strength (unconditioned) of 100 psi in accordance with FM 1-T 283.

**334-3.2.6 Additional Information:** In addition to the requirements listed above, provide the following information on each mix design:

1. The design traffic level and the design number of gyrations ( $N_{\text{design}}$ ).
2. The source and description of the materials to be used.
3. The Department source number and the FDOT product code of the aggregate components furnished from an FDOT approved source (if required).
4. The gradation and proportions of the raw materials as intended to be combined in the paving mixture. The gradation of the component materials shall be representative of the material at the time of use. Compensate for any change in aggregate gradation caused by handling and processing as necessary.
5. A single percentage of the combined mineral aggregate passing each specified sieve. Degradation of the aggregate due to processing (particularly material passing the No. 200 sieve) should be accounted for and identified.
6. The bulk specific gravity ( $G_{\text{sb}}$ ) value for each individual aggregate and RAP component, as identified in the Department's aggregate control program.
7. A single percentage of asphalt binder by weight of total mix intended to be incorporated in the completed mixture, shown to the nearest 0.1%.
8. A target temperature for the mixture at the plant (mixing temperature) and a target temperature for the mixture at the roadway (compaction temperature). Do not exceed a target temperature of 340°F for High Polymer asphalt binders, 330°F for PG 76-22 asphalt binders, and 315°F for unmodified asphalt binders.
9. Provide the physical properties at the optimum asphalt content, which must conform to all specified requirements.
10. The name of the Construction Training Qualification Program (CTQP) mix designer.

- 11. The ignition oven and maximum specific gravity (Gmm) calibration factors.
- 12. The warm mix technology, if used.

**334-4 Producer Process Control (PC).**

Assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times. Perform any tests necessary at the plant and roadway for process control purposes.

**334-5 General Construction Requirements.**

**334-5.1 Weather Limitations:** Do not transport asphalt mix from the plant to the roadway unless all weather conditions are suitable for the laying operations.

**334-5.2 Limitations of Paving Operations:**

**334-5.2.1 General:** Place the mixture only when the surface upon which it is to be placed has been previously prepared, is intact, firm, dry, clean, and the tack or prime coat, with acceptable spread rate, is properly broken or cured. Do not place friction course until the adjacent shoulder area has been dressed and grassed.

**334-5.2.2 Ambient Air Temperature:** Place the mixture only when the air temperature in the shade and away from artificial heat meets the requirements of Table 334-3. The minimum ambient temperature requirement may be reduced by 5°F when using warm mix technology, if mutually agreed to by both the Engineer and the Contractor.

Table 334-3 Ambient Air Temperature Requirements for Paving	
Layer Thickness or Asphalt Binder Type	Minimum Temperature (°F)
≤ 1 inch	50
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation ≥ 76°C	45
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation < 76°C	40
FC-5 <sup>(1)</sup>	65
<sup>(1)</sup> As an exception, place the mixture at temperatures no lower than 60°F, only when approved by the Engineer based on the Contractor's demonstrated ability to achieve a satisfactory surface texture and appearance of the finished surface. For mixtures containing PG 76-22 binder, the minimum ambient temperature may be further reduced to 55°F when using warm mix technology, if agreed to by both the Engineer and the Contractor.	

**334-5.3 Mix Temperature:** Heat and combine the ingredients of the mix in such a manner as to produce a mixture with a temperature at the plant and at the roadway, within a range of plus or minus 30°F from the target temperature as shown on the mix design. Reject all loads outside of this range. Reject any load or portion of a load of asphalt mix at the plant or at the roadway with a temperature outside of its respective master range shown in Table 334-4. Notify the Engineer of the rejection immediately.

Table 334-4 Mix Temperature Master Range Tolerance	
Location	Acceptable Temperature Tolerance
Plant	Mixing Temperature ±30 F

Roadway (mix in truck)	Compaction Temperature $\pm 30^{\circ}\text{F}$
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**334-5.4 Transportation of the Mixture:** Transport the mixture in trucks of tight construction, which prevents the loss of material and the excessive loss of heat and previously cleaned of all foreign material. After cleaning, thinly coat the inside surface of the truck bodies with soapy water or an asphalt release agent as needed to prevent the mixture from adhering to the beds. Do not allow excess liquid to pond in the truck body. Do not use a release agent that will contaminate, degrade, or alter the characteristics of the asphalt mix or is hazardous or detrimental to the environment. Petroleum derivatives (such as diesel fuel), solvents, and any product that dissolves asphalt are prohibited. Provide each truck with a tarpaulin or other waterproof cover mounted in such a manner that it can cover the entire load when required. When in place, overlap the waterproof cover on all sides so that it can be tied down. Cover each load during cool and cloudy weather and at any time it appears rain is likely during transit with a tarpaulin or waterproof cover. Cover and tie down all loads of friction course mixtures.

**334-5.5 Surface Preparation:**

**334-5.5.1 Cleaning:** Before placing the mixture, clean the surface of the base or underlying pavement of all loose and deleterious material by the use of power brooms or blowers, supplemented by hand brooming where necessary.

**334-5.5.2 Patching and Leveling Courses:** As shown in the plans, bring the existing surface to proper grade and cross-section by the application of patching or leveling courses.

**334-5.5.3 Application over Surface Treatment:** Where an asphalt mix is to be placed over a surface treatment, sweep and dispose of all loose material from the paving area.

**334-5.5.4 Tack Coat:** Use a rate of application as defined in Table 334-5. Control application rate within plus or minus 0.01 gallon per square yard of the target application rate. The target application rate may be adjusted by the Engineer to meet specific field conditions. Determine the rate of application as needed to control the operation. When using PG 52-28, multiply the target rate of application by 0.6.

Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd <sup>2</sup> ) <sup>1</sup>
Base Course, Structural Course, Dense-Graded Friction Course, Open-Graded Friction Course	Newly Constructed Asphalt Layers	0.06
	Milled Asphalt Pavement Surface, Oxidized and Cracked Asphalt Pavement, Concrete Pavement	0.09
Note 1: Target tack application rates greater than those specified may be used upon approval of the Engineer.		

When using a meter to control the tack or prime application rate, manually measure the volume in the tank at the beginning and end of the application area for a specific target application rate. Perform this operation at a minimum frequency of once per production shift. Resolve any differences between the manually measured method and the meter to ensure the target application rate is met in accordance with this Section. Adjust the application rate if

the manually measured application rate is greater than plus or minus 0.01 gallons per square yard when compared to the target application rate.

**334-5.5.5 Curing and Time of Application:** Apply tack coat sufficiently in advance of placing bituminous mix to permit drying, but do not apply tack coat so far in advance that it might lose its adhesiveness as a result of being covered with dust or other foreign material.

**334-5.5.6 Protection:** Keep the tack coat surface free from traffic until the subsequent layer of bituminous hot mix has been laid.

### **334-6 Placing Mixture:**

**334-6.1 Alignment of Edges:** Place all asphalt mixtures by the stringline method to obtain an accurate, uniform alignment of the pavement edge. As an exception, pavement edges adjacent to curb and gutter or other true edges do not require a stringline. Control the unsupported pavement edge to ensure that it will not deviate from the stringline more than plus or minus 1.5 inches.

**334-6.2 Rain and Surface Conditions:** Immediately cease transportation of asphalt mixtures from the plant when rain begins at the roadway. Do not place asphalt mixtures while rain is falling, or when there is water on the surface to be covered. Once the rain has stopped, standing water has been removed from the tacked surface to the satisfaction of the Engineer, and the temperature of the mixture caught in transit still meets the requirements as specified in 334-5.3, the Contractor may then place the mixture caught in transit.

**334-6.3 Checking Depth of Layer:** Check the depth of each layer at frequent intervals to ensure a uniform spread rate that will meet the requirements of the Contract.

**334-6.4 Hand Work:** In limited areas where the use of the paver is impossible or impracticable, the Contractor may place the mixture by hand.

**334-6.5 Spreading and Finishing:** Upon arrival, dump the mixture in the approved paver, and immediately spread and strike-off the mixture to the full width required, and to such loose depth for each course that, when the work is completed, the required weight of mixture per square yard, or the specified thickness, is secured. Carry a uniform amount of mixture ahead of the screed at all times.

**334-6.6 Thickness Control:** Ensure the spread rate is within 5% of the target spread rate, as indicated in the Contract. When determining the spread rate, use, at a minimum, an average of five truckloads of mix and at a maximum, an average of 10 truckloads of mix. When the average spread rate is beyond plus or minus 5% of the target spread rate, monitor the thickness of the pavement layer closely and adjust the construction operations.

When the average spread rate for two consecutive days is beyond plus or minus 5% of the target spread, stop the construction operation at any time until the issue is resolved.

The Engineer will allow a maximum deficiency from the specified spread rate for the total thickness as follows:

1. For pavement of a specified thickness of 2-1/2 inches or more: 50 pounds per square yard.
2. For pavement of a specified thickness of less than 2-1/2 inches: 25 pounds per square yard.

Address the unacceptable pavement in accordance with 334-5.10.4, unless an alternative approach is agreed upon by the Engineer.

### **334-6.7 Leveling Courses:**

**334-6.7.1 Patching Depressions:** Before spreading any leveling course, fill all depressions in the existing surface as shown in the plans.

**334-6.7.2 Spreading Leveling Courses:** Place all courses of leveling with an asphalt paver or by the use of two motor graders, one being equipped with a spreader box. Other types of leveling devices may be used upon approval by the Engineer.

**334-6.7.3 Rate of Application:** When using Type SP-9.5 (fine graded) for leveling, do not allow the average spread of a layer to be less than 50 pounds per square yard or more than 75 pounds per square yard. The quantity of mix for leveling shown in the plans represents the average for the entire project; however, the Contractor may vary the rate of application throughout the project as directed by the Engineer. When leveling in connection with base widening, the Engineer may require placing all the leveling mix prior to the widening operation.

**334-6.8 Compaction:** For each paving or leveling train in operation, furnish a separate set of rollers, with their operators.

When density testing for acceptance is required, select equipment, sequence, and coverages of rolling to meet the specified density requirement. Regardless of the rolling procedure used, complete the final rolling before the surface temperature of the pavement drops to the extent that effective compaction may not be achieved or the rollers begin to damage the pavement.

No vibratory compaction in the vertical direction will be allowed for layers one inch or less in thickness or, if the Engineer or Contract Documents limit compaction to the static mode only. Compact these layers in the static mode only. Other non-vertical vibratory modes of compaction will be allowed, if approved by the Engineer; however, no additional compensation, cost or time, will be made.

When density testing for acceptance is not required, use a rolling pattern approved by the Engineer.

Use hand tamps or other satisfactory means to compact areas which are inaccessible to a roller, such as areas adjacent to curbs, headers, gutters, bridges, manholes, etc.

### **334-6.9 Joints.**

**334-6.9.1 Transverse Joints:** Construct smooth transverse joints, which are within 3/16 inch of a true longitudinal profile when measured with a 15 foot manual straightedge. The Engineer may waive straightedge requirements for transverse joints at the beginning and end of the project, at the beginning and end of bridge structures, at manholes, and at utility structures if the deficiencies are caused by factors beyond the control of the Contractor such as no milling requirement, as determined by the Engineer. When smoothness requirements are waived, construct a reasonably smooth transitional joint.

**334-6.9.2 Longitudinal Joints:** Place each layer of pavement so all longitudinal construction joints are offset 6 to 12 inches laterally between successive layers. Plan offsets in advance so the longitudinal joints of the friction course are not in wheel path areas. The longitudinal joints for friction course layers should be within 6 inches of the lane edge or at the center of the lane. The Engineer may waive these requirements where offsetting is not feasible due to the sequence of construction.

**334-6.10 Surface Requirements:** Construct a smooth pavement with good surface texture and the proper cross-slope.

**334-6.10.1 Texture of the Finished Surface of Paving Layers:** Produce a finished surface of uniform texture and compaction with no pulled, torn, raveled, crushed or loosened portions and free of segregation, bleeding, flushing, sand streaks, sand spots, or ripples. Correct any area of the surface that does not meet the foregoing requirements in accordance with 334-6.10.4.

**334-6.10.2 Cross Slope:** Construct a pavement surface with cross slopes in compliance with the requirements of the Contract Documents. Furnish a four-foot-long electronic level accurate to 0.1 degree, approved by the Engineer for the control of cross slope. Make this electronic level available at the jobsite at all times during paving operations.

**334-6.10.3 Pavement Smoothness:** Construct a smooth pavement meeting the requirements of this Specification. Furnish a 15 foot manual and a 15 foot rolling straightedge meeting the requirements of FM 5-509. Obtain a smooth surface on all pavement courses placed, and then straightedge all layers as required by this Specification.

**334-6.10.3.1 Straightedge Testing:**

**334-6.10.3.1.1 Acceptance Testing:** Using a rolling straightedge, test the final (top) layer of the pavement. Test all pavement lanes where the width is constant using a rolling straightedge and document all deficiencies on a form approved by the Engineer. Notify the Engineer of the location and time of all straightedge testing a minimum of 48 hours before beginning testing.

**334-6.10.3.1.2 Final (Top) Pavement Layer:** At the completion of all paving operations, straightedge the final (top) layer either behind the final roller of the paving train or as a separate operation. Address all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4, unless waived by the Engineer. Retest all corrected areas.

**334-6.10.3.1.3 Straightedge Exceptions:** Straightedge testing will not be required in the following areas: shoulders, intersections, tapers, crossovers, sidewalks, bicycle/shared use paths, parking lots and similar areas, or in the following areas when they are less than 250 feet in length: turn lanes, acceleration/deceleration lanes and side streets. The limits of the intersection will be from stop bar to stop bar for both the mainline and side streets.

As an exception, in the event the Engineer identifies an objectional surface irregularity in the above areas, straightedge and address all deficiencies in excess of 3/8 inch in accordance with 334-5.10.4.

**334-6.10.4 Correcting Unacceptable Pavement:** Correct deficiencies in the pavement layer by removing and replacing the full depth of the layer, extending a minimum of 50 feet on both sides (where possible) of the defective area for the full width of the paving lane, at no additional cost.

**334-7 Acceptance of the Mixture.**

**334-7.1 General:** The asphalt mixture will be accepted based on the Asphalt Work Category as defined below:

1. Asphalt Work Category 1 – Certification by the Contractor as defined in 334-7.2.

2. Asphalt Work Category 2 – Certification and process control testing by the Contractor as defined in 334-7.3

3. Asphalt Work Category 3 – Process control testing by the Contractor and acceptance testing by the Engineer as defined in 334-7.4.

**334-7.2 Certification by the Contractor:** On Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. Submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project meets the requirements of the Specifications. The Engineer may run independent tests to determine the acceptability of the material.

**334-7.3 Certification and Process Control Testing by the Contractor:** On Asphalt Work Category 2 construction, submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project meets the requirements of the Specifications, along with supporting test data documenting all process control testing as described in 334-6.3.1. If required by the Contract, utilize an Independent Laboratory as approved by the Engineer for the process control testing. The mix will also require visual acceptance by the Engineer. In addition, the Engineer may run independent tests to determine the acceptability of the material. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer such as but not limited to acceptance at reduced pay, delineation testing to determine the limits of the questionable material, removal and replacement at no cost to the agency, or performing an Engineering analysis to determine the final disposition of the material.

**334-7.3.1 Process Control Sampling and Testing Requirements:** Perform process control testing at a frequency of once per day. Obtain the samples in accordance with FDOT Method FM 1-T 168. Test the mixture at the plant for gradation (P<sub>8</sub> and P<sub>200</sub>) and asphalt binder content (P<sub>b</sub>). Measure the roadway density with 6 inch diameter roadway cores at a minimum frequency of once per 1,500 feet of pavement with a minimum of three cores per day.

Determine the asphalt binder content of the mixture in accordance with FM 5-563. Determine the gradation of the recovered aggregate in accordance with FM 1-T 030. Determine the roadway density in accordance with FM 1-T 166. The minimum roadway density will be based on the percent of the maximum specific gravity (G<sub>mm</sub>) from the approved mix design. If the Contractor or Engineer suspects that the mix design G<sub>mm</sub> is no longer representative of the asphalt mixture being produced, then a new G<sub>mm</sub> value will be determined from plant-produced mix with the approval of the Engineer. Roadway density testing will not be required in certain situations as described in 334-7.4.1. Assure that the asphalt binder content, gradation and density test results meet the criteria in Table 334-6.

Characteristic	Tolerance
Asphalt Binder Content (percent)	Target ± 0.55
Passing No. 8 Sieve (percent)	Target ± 6.00
Passing No. 200 Sieve (percent)	Target ± 1.50
Roadway Density (daily average)	Minimum 91.5% of G <sub>mm</sub>
Roadway Density (any single core)	Minimum 88.0 % of G <sub>mm</sub>

**334-7.4 Process Control Testing by the Contractor and Acceptance Testing by the Engineer:** On Asphalt Work Category 3, perform process control testing as described in 334-6.3.1. In addition, the Engineer will accept the mixture at the plant with respect to gradation (P<sub>8</sub> and P<sub>200</sub>) and asphalt binder content (P<sub>b</sub>). The mixture will be accepted on the roadway with respect to density. The Engineer will sample and test the material as described in 334-7.3.1. The

Engineer will randomly obtain at least one set of samples per day. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-6. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer such as but not limited to acceptance at reduced pay, delineation testing to determine the limits of the questionable material, removal and replacement at no cost to the agency, or performing an Engineering analysis to determine the final disposition of the material.

**334-7.4.1 Acceptance Testing Exceptions:** When the total quantity of any mix type in the project is less than 500 tons, the Engineer will accept the mix on the basis of visual inspection. The Engineer may run independent tests to determine the acceptability of the material.

Density testing for acceptance will not be performed on widening strips or shoulders with a width of 5 feet or less, open-graded friction courses, variable thickness overbuild courses, leveling courses, any asphalt layer placed on subgrade (regardless of type), miscellaneous asphalt pavement, bike/shared use paths, crossovers, gore areas, or any course with a specified thickness less than 1 inch or a specified spread rate less than 100 lb per square yard. Density testing for acceptance will not be performed on asphalt courses placed on bridge decks or approach slabs; compact these courses in static mode only. In addition, density testing for acceptance will not be performed on the following areas when they are less than 500 feet (continuous) in length: turning lanes, acceleration lanes, deceleration lanes, shoulders, parallel parking lanes, or ramps. Do not perform density testing for acceptance in situations where the area requiring density testing is less than 50 tons. Density testing for acceptance will not be performed in intersections. The limits of the intersection will be from stop bar to stop bar for both the mainline and side streets. A random core location that occurs within the intersection shall be moved forward or backward from the intersection at the direction of the Engineer. Compact these courses in accordance with a standard rolling procedure approved by the Engineer. In the event that the rolling procedure deviates from the approved procedure, placement of the mix will be stopped.

### **334-8 Method of Measurement.**

For the work specified under this Section, the quantity to be paid for will be the weight of the mixture, in tons.

The bid price for the asphalt mix will include the cost of the liquid asphalt and the tack coat application as specified in 334-5.5.4. There will be no separate payment or unit price adjustment for the asphalt binder material in the asphalt mix.

### **334-9 Basis of Payment.**

**334-.1 General:** Price and payment will be full compensation for all the work specified under this Section.

**344 CONCRETE FOR LOCAL AGENCY PROGRAM (LAP) (CLASS - D).  
(REV 6-9-2021) (FA 7-2-21) (FY 2023-24)**

SECTION 344 is deleted and the following substituted:

**SECTION 344  
CONCRETE FOR LAP (OFF-SYSTEM)**

**344-1 Description.**

**344-1 General:** Construct concrete structures and other concrete members, based on the type of work as described in the Contract Documents 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 cast-in-place nonstructural concrete; including 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 and prestressed concrete products.

**344-1.2.2.1 Precast Concrete Drainage Structures:** Includes but are not limited to reinforced and non-reinforced concrete pipes, french drains, underdrains, inlets, manholes, junction boxes, endwalls, pipe culverts, storm sewers, and box culverts.

**344-1.2.2.1 Incidental Precast/Prestressed Concrete Structures:** Includes the fabrication, storage, transportation, and erection of prestressed concrete poles, concrete bases for light poles, highway sign foundations, retaining wall systems, traffic separators, sound barriers 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 and supplementary cementitious materials that meet the following requirements:

**344-2.1.1 Portland Cement:** Portland cements meeting the requirements of AASHTO M 85 or ASTM C150 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 C33.

**344-2.1.3 Water:** Water shall meet the requirements of ASTM C 1602.

**344-2.1.4 Chemical Admixtures:** Use chemical admixtures shall be listed on the FDOT Approved Products List (APL). Admixtures may be added at the dosage rates recommended by the manufacturer.

**344-2.1.5 Types of Cement:** Unless a specific type of cement is designated in the Contract Documents, use Type I, Type IL, Type IP, Type IS, Type II, Type II (MH) or Type III cement in all classes of concrete. Use Type IL or Type II (MH) for all mass concrete elements.

**344-2.1.6 Supplementary Cementitious Materials:** Supplementary Cementitious Materials shall meet the requirements of ASTM C618 and ASTM C 989, respectively. 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.

**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:** Obtain precast concrete products from plants that are currently on the FDOT's Production Facility Listing for the types of products that they are producing.

**344-3.1.3 Category 3:** Obtain structural concrete from a plant that is currently on the FDOT's Production Facility Listing for structural concrete.

**344-3.2 Classes of Concrete:** Meet the requirements of Table 344-1.

Table 344-1 Master Proportion Table <sup>(7)</sup>				
Class of Concrete	28-day Specified Minimum Compressive Strength (f <sub>c</sub> ') (psi)	Maximum Water to Cementitious Materials Ratio (pounds per pounds)	Minimum Total Cementitious Materials Content (lb/yd <sup>3</sup> )	Target Slump Value (inches) <sup>(3)</sup>
Category 1				
Class NS	2,500	N/A	N/A	N/A
Category 3				
I <sup>(1)</sup>	3,000	0.53	470	3 <sup>(2)</sup>
I (Pavement)	3,000	0.50	470	1.5 or 3 <sup>(5)</sup>
II <sup>(1)</sup>	3,400	0.53	470	3 <sup>(2)</sup>
II (Bridge Deck)	4,500	0.44	600 <sup>(8)</sup>	3 <sup>(2)</sup>
III <sup>(4)</sup>	5,000	0.44	600 <sup>(8)</sup>	3 <sup>(2)</sup>
III (Seal)	3,000	0.53	600 <sup>(8)</sup>	8
IV	5,500	0.41 <sup>(6)</sup>	600 <sup>(8)</sup>	3 <sup>(2)</sup>
IV (Drilled Shaft)	4,000	0.41	600 <sup>(8)</sup>	8.5
V (Special)	6,000	0.37 <sup>(6)</sup>	600 <sup>(8)</sup>	3 <sup>(2)</sup>
V	6,500	0.37 <sup>(6)</sup>	600 <sup>(8)</sup>	3 <sup>(2)</sup>
VI	8,500	0.37 <sup>(6)</sup>	600 <sup>(8)</sup>	3 <sup>(2)</sup>
VII	10,000	0.37 <sup>(6)</sup>	600 <sup>(8)</sup>	3 <sup>(2)</sup>

Notes:

- (1) For precast three-sided culverts, box culverts, endwalls, inlets, manholes and junction boxes, the target slump value and air content will not apply. The maximum allowable slump is 6 inches, except as noted in (2). The Contractor is permitted to use concrete meeting the requirements of ASTM C478 (4,000 psi) in lieu of the specified Class I or Class II concrete for precast endwalls, inlets, manholes and junction boxes.
- (2) The Engineer may allow a maximum target slump of 7 inches when a Type F, G, I or II admixture is used. When flowing concrete is used, meet the requirements of Section 8.6 of the FDOT Materials Manual.
- (3) For a reduction in the target slump for slip-form operations, submit a revision to the mix design to the Engineer. The target slump for slip-form mix is 1.50 inches.
- (4) When precast three-sided culverts, box culverts, endwalls, inlets, manholes or junction boxes require a Class III concrete, the minimum cementitious materials content is 470 pounds per cubic yard. Do not apply the air content range and the maximum target slump shall be 6 inches, except as allowed in (2).
- (5) Meet the requirements of Section 350 of FDOT Specifications.
- (6) When silica fume or metakaolin is required, the maximum water to cementitious material ratio will be 0.35. When ultrafine fly ash is used, the maximum water to cementitious material ratio will be 0.30.
- (7) Tolerance for slump is ± 1.5 inches and Air Content range is 0.0% to 6.0%.
- (8) The minimum total amount of cementitious materials content of 600 pounds per cubic yard is required for extremely aggressive environment. For moderately and slightly aggressive environments, the required amounts are 550 lb/yd<sup>3</sup> and 510 lb/yd<sup>3</sup>, respectively.

**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 always met.

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 agrees with the QC plan.

**344-3.4 Concrete Mix Design:** Before producing any Category 1 or Category 2 concrete, submit the proposed mix designs to 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. For critical placements, with the Engineer's approval, the transit time may be extended to the allowable mixing time shown in the mix design.

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 Batchers 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 40°F.

During the curing period, if the National Oceanic and Atmospheric Administration (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.

Spray reinforcing bars and metal forms with cool fresh water just prior to placing the concrete in a method approved by the Engineer.

Assume all risks associated 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.

Unless the specified hot weather concreting measures are in effect, reject concrete exceeding 85°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 by the Engineer for category 2.

**344-3.9.3 Category 3:** The Engineer will randomly select a sample from each LOT to determine its 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 344-1. A LOT is defined as the concrete placement of 200 cubic yards or one day's production, whichever is less.

**344-3.10 Records:** Ensure the following records are available for review for at least 3 years after final acceptance of the project:

1. Accepted concrete Plant QC Plan.
2. Approved concrete mix designs.
3. Materials source (delivery tickets, certifications, certified mill test reports).
4. A copy of the scale company or testing agency report showing the signature of the scale company representative, date of inspection, observed deviations from quantities checked during calibration of the scales and meters.
5. A copy of the documentation certifying the admixture weighing/measuring devices.
6. Aggregate moisture control records including date and time of test.
7. Manufacturer's mixer information.
8. Certification documents for admixture weighing and measuring dispensers.
9. A daily record of all concrete batched for delivery to the projects, including respective mix design numbers and quantities of batched concrete.

### **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 production facilities that are currently on the FDOT's Production Facility Listing for the types of products that they are producing. 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.

**THIS COMPLETES  
THIS  
SPECIFICATIONS  
PACKAGE**

ATTACHMENT C  
CONSTRUCTION PLANS

## **SECTION I. GENERAL INSTRUCTIONS**

These instructions will bind bidders and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
  - A. The ability, capacity and skill of bidder to perform required service.
  - B. Whether the bidder can perform service promptly or within specified time.
  - C. The determined character, integrity, reputation, judgment, experience and efficiency of bidder.
  - D. The performance of previous contracts with Columbia County or entities similar to Columbia County.
  - E. The suitability of equipment or material for County use.
  - F. The ability of bidder to provide future maintenance.
2. Payment Terms are net thirty (30) unless otherwise specified. Favorable terms, discounts, may be offered and will be considered in determining low bids if they are deemed by Purchasing Department to be advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. Where applicable, the provided unit price will prevail in case of discrepancies or other errors.
4. All requested information shall be included in the envelope. All desired information must be included for your bid to receive full consideration.
5. If anything on the bid request is not clear, you should contact the Purchasing Officer immediately.
6. A bidders list is available at the Purchasing Office.
7. Quote all prices F.O.B. our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope including Fed Ex, UPS or other delivery service envelopes, as a sealed bid. The name of the item being bid shall be shown on the outside in full.
9. The County shall not be liable for any bid opened prematurely if that bid was not sealed in a properly marked envelope.
10. If only one (1) bid is received, the bid may be rejected and re-advertised or accepted if determined to be in the counties best interest.
11. Bids received late will not be accepted. It is the bidder's sole responsibility to ensure proposals are timely delivered and received before the deadline.
12. Telephone and facsimile bids will not be accepted under any circumstances. Should a timely delivered bid be misplaced by the County but later found before ranking occurs, the

bid will be considered. A bidder may request a receipt showing the day and time a bid envelope is delivered to the appropriate office of the County.

13. Bids requiring bid bonds will not be accepted if bond is not enclosed. Cash or certified check will be accepted in lieu of bond except on construction projects with a project budget exceeding \$40,000.
14. Upon request of the Purchasing Office or County Manager, a bidder must provide proof that the bidder has the requisite organization, capital, plant, stock, ability, and experience to perform the contract contemplated by the Request for Proposals/Qualifications or Invitation to Bid.
15. Any alterations, erasures, additions, or omissions of required information or any changes to specifications or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, that is; a variation that affects price, quantity, and quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identification and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the best interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that did not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. The ESTIMATED QUANTITY given in the specifications or advertisements is for the purpose of bidding only. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacture's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. The successful bidder on motor vehicle equipment shall be required to furnish with delivery of vehicle, certificate of origin and any other appropriate documentation as required by the Florida Motor Vehicle Department.
22. Prospective bidders are required to examine the location of the proposed work or delivery

and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.

23. All materials, equipment and supplies shall be subject to rigid inspection, under the immediate supervision of the Purchasing Department, its designee and /or the department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being instructed by the Purchasing Department or designee, shall remove, or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the Contractor release him from his obligation to perform and deliver to the County sound and satisfactory materials, equipment, or supplies. The Contractor agrees to pay the costs of all tests upon defective material, equipment, or supplies or allow the costs to be deducted from any monies due him from the County.
24. Unless otherwise specified by the Purchasing Department all materials, supplies, or equipment quoted herein must be delivered within thirty (30) days from the day of notification or exceptions noted on bid sheets.
25. A contract will not be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County to perform work satisfactorily, either to the character of the work, the fulfillment or guarantee, or the time consumed in completing the work.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
27. Submitting a proposal when the bidder intends to sublet the contract may be a cause for rejection of bids or cancellation of the contract by the County Manager.
28. Unless otherwise specified, the County reserves the right to award each items separately or on a lump sum basis whichever is in the best interest of the County.
29. The County reserves the right to reject any quotations or specifications and the right to waive minor discrepancies as to all bidders equally, when such rejection or waiver is deemed to be in the best interest of the County. For unit priced items, the County may elect to purchase part, all, or none of the materials, supplies, or equipment specified in a bid.
30. The bidder or the bidder's authorized representative or agent must sign the bid in the space provided. Unsigned bids will be rejected. Signature must be "wet" signatures in ink. Typewritten or printed signatures will not be accepted.
31. Any bidder may withdraw his/her bid at any time before the time set for the opening of the bids.
32. It is mutually understood and agreed that if at any time the Purchasing Department or designee shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that the contractor is

willfully violating any of the conditions or covenants of the agreement, or executing the same in bad faith, the Purchasing Department or his/her designee shall have the power to notify the contractor of the nature of the complaint. Notification shall constitute delivery of notice, or letter to address given in the proposal. If after three (3) working days of notification the conditions are not corrected to the satisfaction of the Purchasing Officer, he shall have the power to take whatever action necessary to complete the work or delivery and the expense shall be deducted from any paid by the County out of such monies as may become due to the said contractor. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his/her executors, administrators, successors, or assigns, shall pay the amounts of such excess to the County on notice made by the Purchasing Department or his/her designee of the excess due.

33. If the bidder proposes to furnish any item of foreign make or product, he shall write "foreign" together with the name of the originating country opposite such item on a proposal.
34. Any complaint from bidders relative to the invitation to bid or attached specifications shall be made prior to the time of opening bids; otherwise, the bidder waives any such complaint.
35. Contracts may be cancelled by the County with or without cause on thirty- (30) days advance written notice.
36. All contractors submitting bids for road projects in excess of \$250,000 must be pre-qualified with the Florida Department of Transportation and shall provide proof of such qualification.
37. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for Columbia County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturdays, Sundays and legal holidays), after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
38. A person or affiliate who has been placed on the convicted vendor's list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to Columbia County, may not submit a bid on a contract with Columbia County for the construction or repair of a public building or public work, may not submit bids on leases of real property to Columbia County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with Columbia County, and may not transact business with Columbia County for a period of 36 months from the date of being placed on the convicted vendor list.
39. Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of;
  - A. All persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Florida; and
  - B. All persons, including subcontractors, assigned by the Vendor/Contractor to

perform work pursuant to the contract with the County.

40. Contractor shall register on line at <https://www.columbiacountyfla.com/PurchasingBids.asp> for this specific project. All addendums are delivered via email through this website, and it is the contractor's responsibility to ensure all addendums are used in the bid submittal.

**CONTRACT PLANS COMPONENTS**

ROADWAY  
SIGNING & PAVEMENT MARKING  
SIGNALIZATION

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS**

**INDEX OF ROADWAY PLANS**

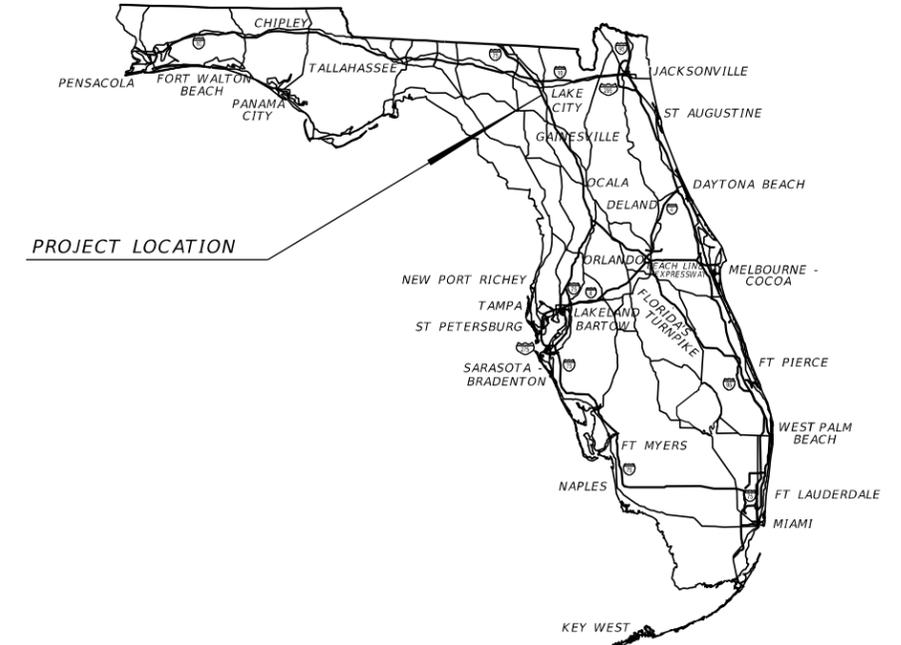
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 10	PROJECT CONTROL
11	GENERAL NOTES
12	TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

**FINANCIAL PROJECT ID 447473-1-58-01**

**(FEDERAL FUNDS)**

**COLUMBIA COUNTY**

**COUNTY ROAD NO. 240  
FROM SR 247 TO CR 131**



**PROJECT LOCATION URL:** <http://tinyurl.com/22hsnaen>

**PROJECT LIMITS:** SR 247: STA. 9+66.47 - STA. 12.41.08  
CR 240: STA. 246+50.00 - STA. 560+44.00

**EXCEPTIONS:** NONE

**BRIDGE LIMITS:** NONE

**RAILROAD CROSSING:** NONE

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY 2023-2024 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: N/A

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, FY 2023-2024 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

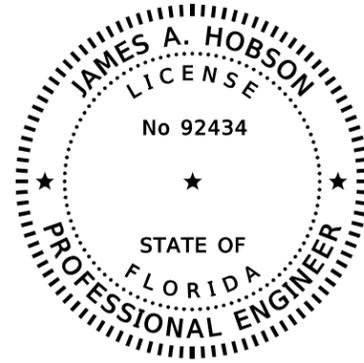
**ROADWAY PLANS  
ENGINEER OF RECORD:**

JAMES A. HOBSON, P.E. NO.: 92434  
STV INCORPORATED  
5200 BELFORD ROAD, SUITE 400  
JACKSONVILLE, FLORIDA 32256  
904-383-3926  
CONTRACT NO.: CA450  
VENDOR NO.: F131968759-001

**COLUMBIA COUNTY PROJECT MANAGER:**

CHAD WILLIAMS, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	24	1



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:  
James A            2024.01.17  
Hobson            15:36:03 -05'00'

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED.  
THE SIGNATURE MUST BE VERIFIED  
IN THE ELECTRONIC DOCUMENTS.

STV, INC.  
5200 BELFORT ROAD, SUITE 400  
JACKSONVILLE, FL 32256  
JAMES A. HOBSON, P.E. NO. 92434

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE  
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

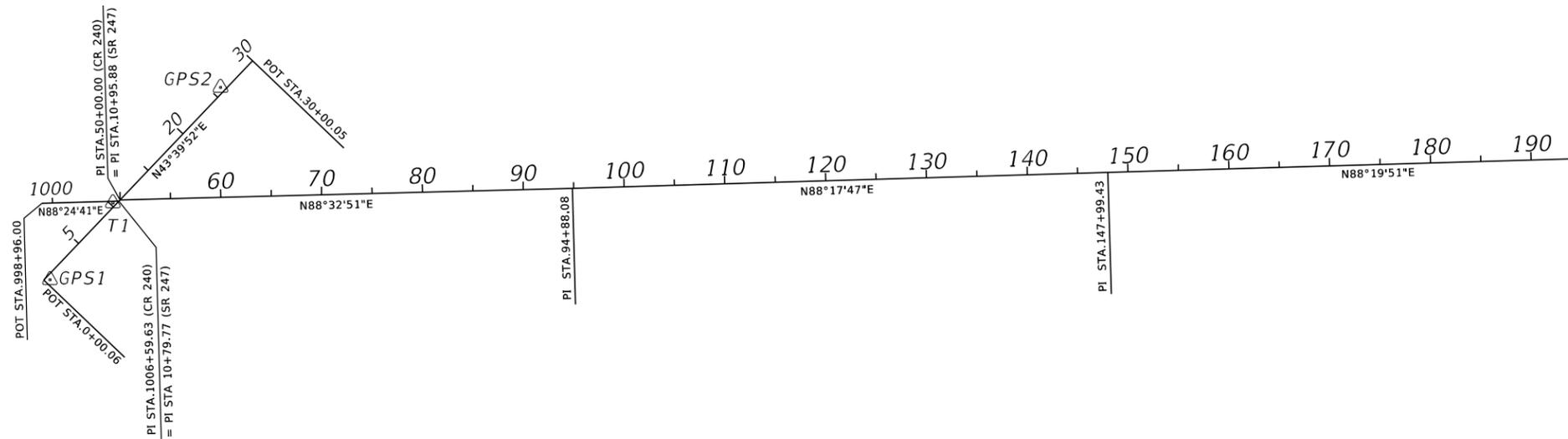
SHEET NO.	SHEET DESCRIPTION
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12	TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SINGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
					CR 240	COLUMBIA	447473-1-58-01		

# ☉ REFERENCE POINTS

## LEGEND

☉	=	BASELINE
CONC.	=	CONCRETE
C.R.	=	COUNTY ROAD
FND.	=	FOUND
ID.	=	IDENTIFICATION
I.P.	=	IRON PIPE
I.R.	=	IRON ROD
LT.	=	LEFT
L.B.	=	LICENSE BUSINESS
M.O.C.	=	MIDDLE OF CURVE
N&D	=	NAIL AND DISK
N.T.S.	=	NOT TO SCALE
PC	=	POINT OF CURVATURE
P.O.C.	=	POINT ON CURVE
PT	=	POINT OF TRANGENCY
REF	=	REFERENCE
RT.	=	RIGHT
R/W	=	RIGHT-OF-WAY
S.R.	=	STATE ROAD
SRD	=	STATE ROAD DEPARTMENT
STA.	=	STATION
TRAV.	=	TRAVERSE
W/	=	WITH
△	=	NAIL, SPIKE OR PIN
△	=	IRON ROD / IRON PIPE WITH CAP
□	=	CONCRETE MONUMENT
○	=	METAL PIPE, ROD OR BAR - NO CAP
○	=	OTHER MARKER



## PROJECT CONTROL NOTES

- PROJECT IS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE (903), NORTH AMERICAN DATUM 1983(2011) (NAD 83/2011). UNITS ARE U.S. SURVEY FEET.
- PROJECT IS REFERENCED VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- PROJECT BASELINE SHOWN HEREON IS PROJECT SPECIFIC AND DOES NOT PURPORT TO BE THE CENTERLINE OF RIGHT-OF-WAY.

☉ REFERENCE POINTS		
☉ STATION	NORTHING (Y)	EASTING (X)
POT STA. 0+00.06	388498.288	2508073.570
POT STA. 19+99.91	389944.973	2509454.332
BEGIN STA. 1000+00.00	389261.063	2508159.660
PI STA. 1006+59.63	389279.349	2508819.040
PI STA. 50+00.00	389290.997	2508830.157
POT STA. 55+00.00	389303.672	2509329.996

## PRIMARY HORIZONTAL CONTROL

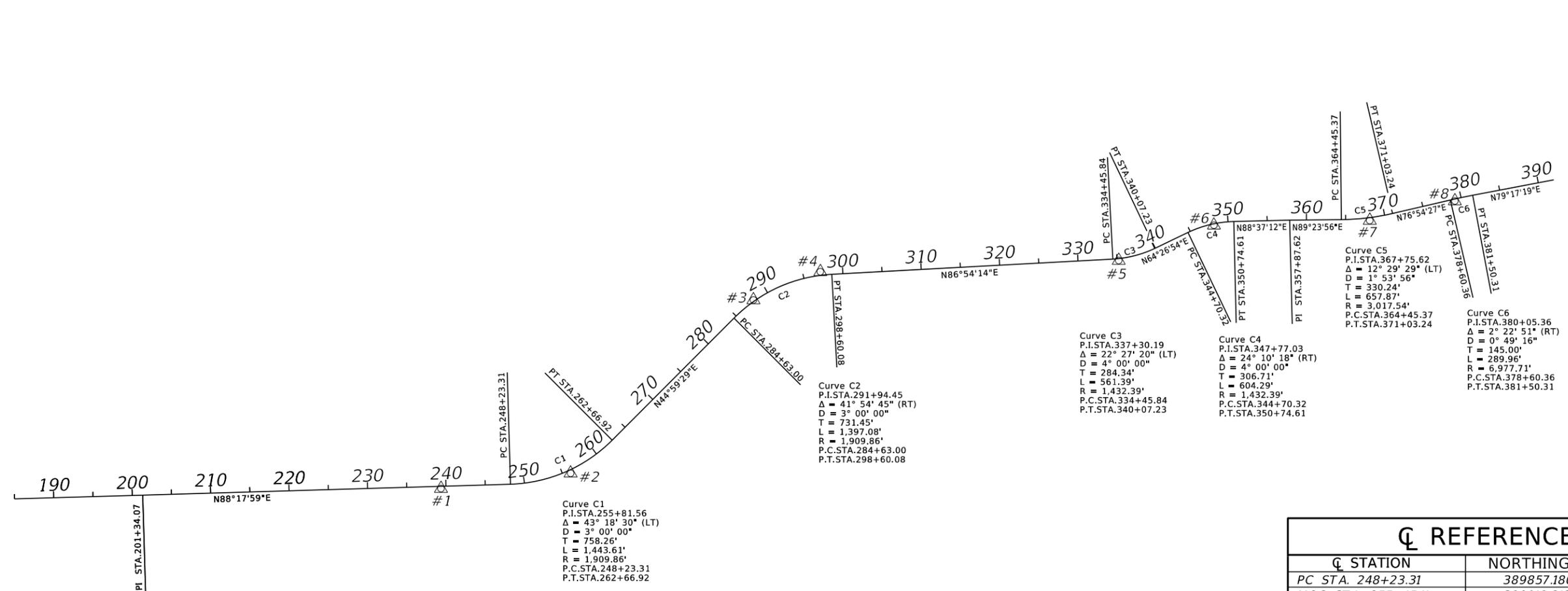
STAMPING ID	☉ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
GPS1	00+44.41	42.90' RT.	81.56	FOUND POURED CONCRETE MONUMENT AND BRASS DISK STAMPED "FDOT 2909004 GPS1"	388500.750	2508135.220	30°03'25.82633"	82°47'38.98593"
GPS2	25+89.29	47.72' LT.	86.27	FOUND POURED CONCRETE MONUMENT AND BRASS DISK STAMPED "FDOT 2909004 GPS2"	390404.280	2509826.740	30°03'44.41632"	82°47'19.41432"
T1	1005+98.96	15.62' RT.	69.62	FOUND POURED CONCRETE MONUMENT AND BRASS DISK STAMPED "FDOT 2909004 T1"	389262.050	2508758.820	30°03'33.26917"	82°47'31.76070"
1	239+34.81	29.99' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	389800.838	2527758.127	30°03'35.73540"	82°43'55.48428"
2	255+96.57	42.76' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	389995.063	2529410.743	30°03'37.40377"	82°43'36.64570"
3	287+99.70	16.82' LT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	392198.770	2531740.112	30°03'58.85624"	82°43'09.74936"
4	297+18.03	45.36' LT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	392557.869	2532592.275	30°04'02.27868"	82°42'59.98853"

## VERTICAL CONTROL

STAMPING ID	☉ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
GPS1	00+44.41	42.90' RT.	81.56	FOUND POURED CONCRETE MONUMENT AND BRASS DISK STAMPED "FDOT 2909004 GPS1"	388500.750	2508135.220	30°03'25.82633"	82°47'38.98593"
GPS2	25+89.29	47.72' LT.	86.27	FOUND POURED CONCRETE MONUMENT AND BRASS DISK STAMPED "FDOT 2909004 GPS2"	390404.280	2509826.740	30°03'44.41632"	82°47'19.41432"
T1	1005+98.96	15.62' RT.	69.62	FOUND POURED CONCRETE MONUMENT AND BRASS DISK STAMPED "FDOT 2909004 T1"	389262.050	2508758.820	30°03'33.26917"	82°47'31.76070"

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL  <span style="font-size: 2em;">3</span>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 240	COLUMBIA	447473-1-58-01	

## Q REFERENCE POINTS



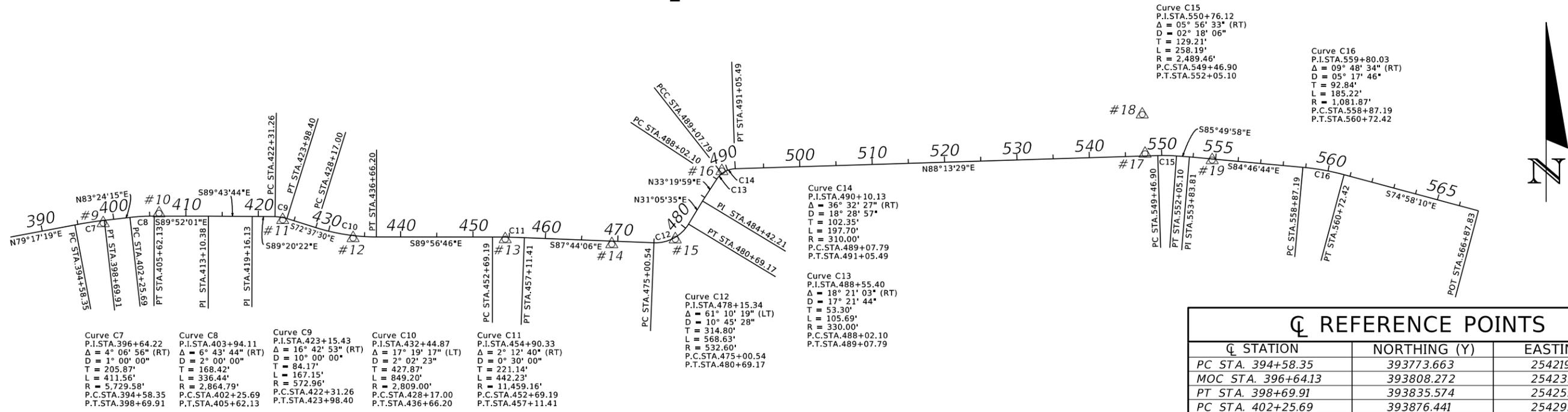
Q REFERENCE POINTS		
Q STATION	NORTHING (Y)	EASTING (X)
PC STA. 248+23.31	389857.180	2528645.348
MOC STA. 255+45.11	390012.813	2529345.783
PT STA. 262+66.92	390415.926	2529939.359
PC STA. 284+63.00	391969.021	2531491.990
MOC STA. 291+61.54	392362.781	2532064.264
PT STA. 298+60.08	392525.820	2532739.515
PC STA. 334+45.84	392719.487	2536320.041
MOC STA. 337+26.54	392761.925	2536597.054
PT STA. 340+07.23	392857.488	2536860.501
PC STA. 344+70.32	393057.230	2537278.300
MOC STA. 347+72.47	393157.944	2537562.572
PT STA. 350+74.61	393196.906	2537861.631
PI STA. 357+87.62	393214.076	2538574.431
PC STA. 364+45.37	393220.976	2539232.148
MOC STA. 367+74.31	393242.330	2539560.225
PT STA. 371+03.24	393299.248	2539884.032
PC STA. 378+60.36	393470.751	2540621.466
MOC STA. 380+05.33	3935020.123	2540763.007
PT STA. 381+50.31	393530.547	2540905.170

### PRIMARY HORIZONTAL CONTROL

STAMPING ID	Q STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
5	335+19.80	24.51' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	392700.910	2536395.325	30°04'03.10367"	82°42'16.68699"
6	348+15.76	18.03' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393149.740	2537608.486	30°04'07.35678"	82°42'02.80149"
7	368+03.05	36.47' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393209.729	2539593.437	30°04'07.63994"	82°41'40.20311"
8	379+13.37	24.82' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393458.343	2540678.582	30°04'09.93040"	82°41'27.80991"
9	398+49.84	35.85' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393797.635	2542581.509	30°04'12.98927"	82°41'06.09413"
10	406+28.03	37.00' LT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393932.240	2543352.325	30°04'14.20001"	82°40'57.29816"

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<h2 style="margin: 0;">PROJECT CONTROL</h2>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		4
						CR 240	COLUMBIA		447473-1-58-01

# ☑ REFERENCE POINTS



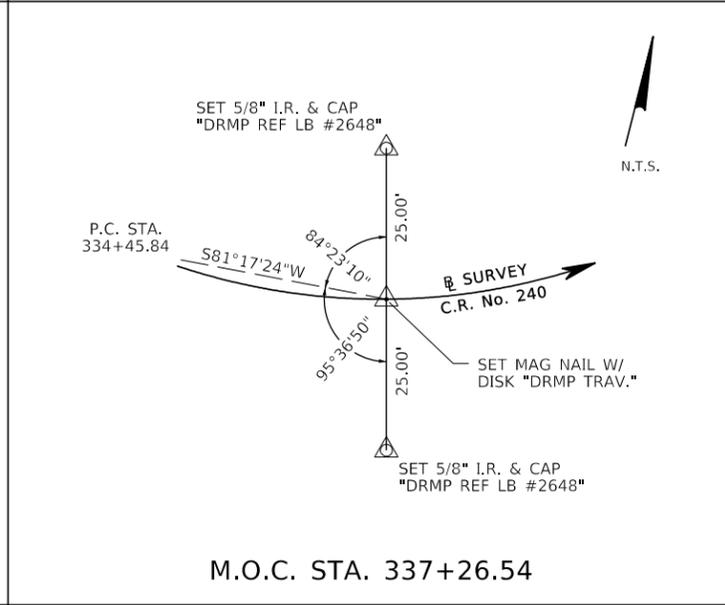
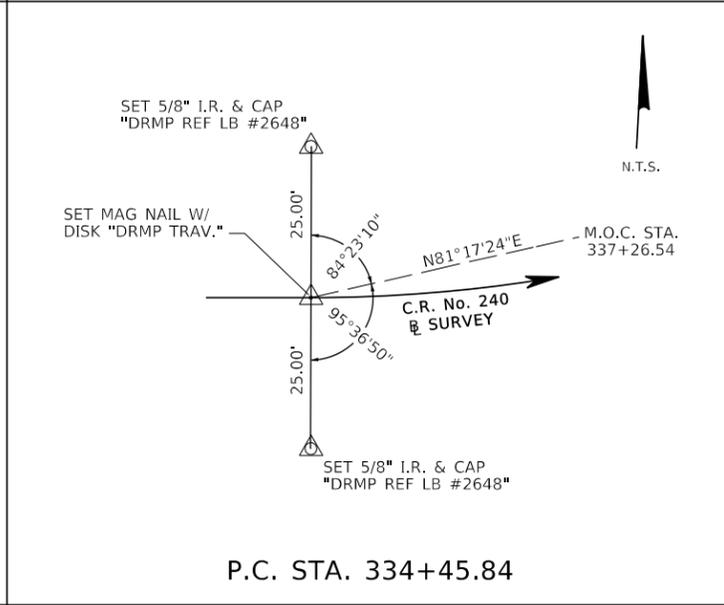
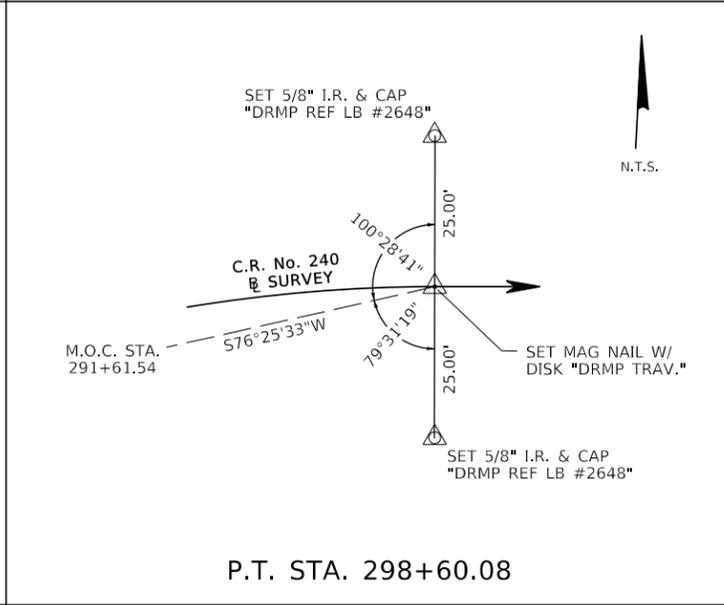
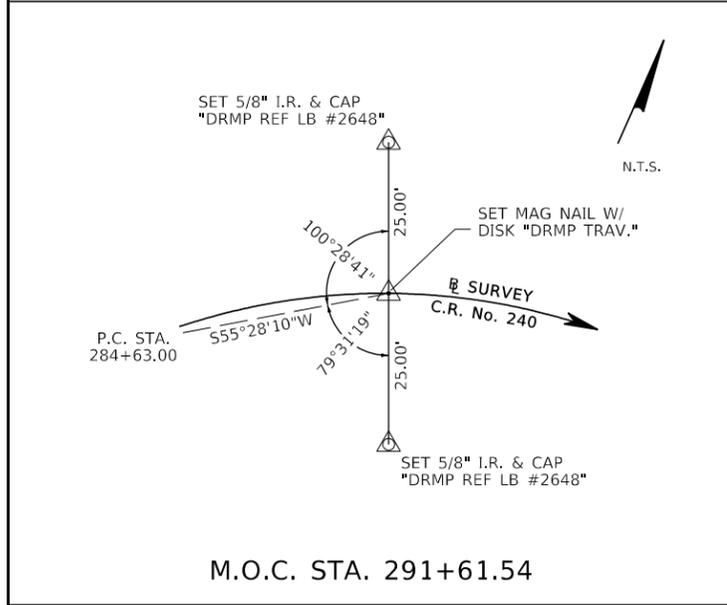
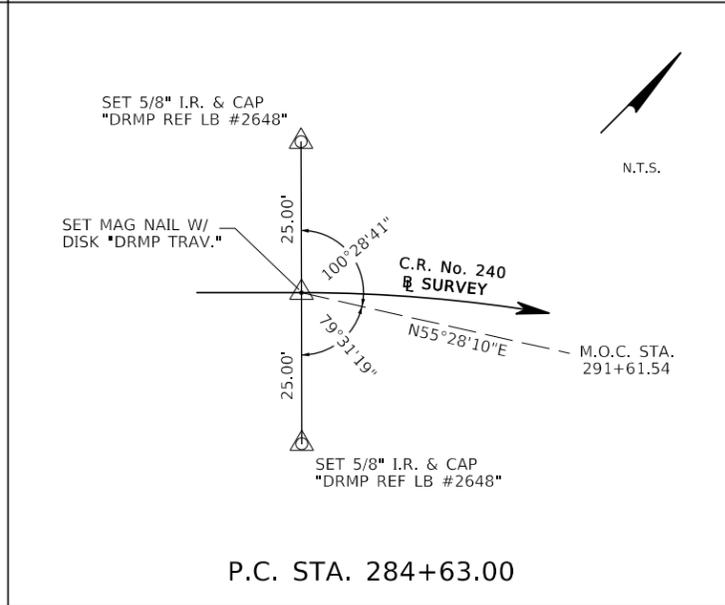
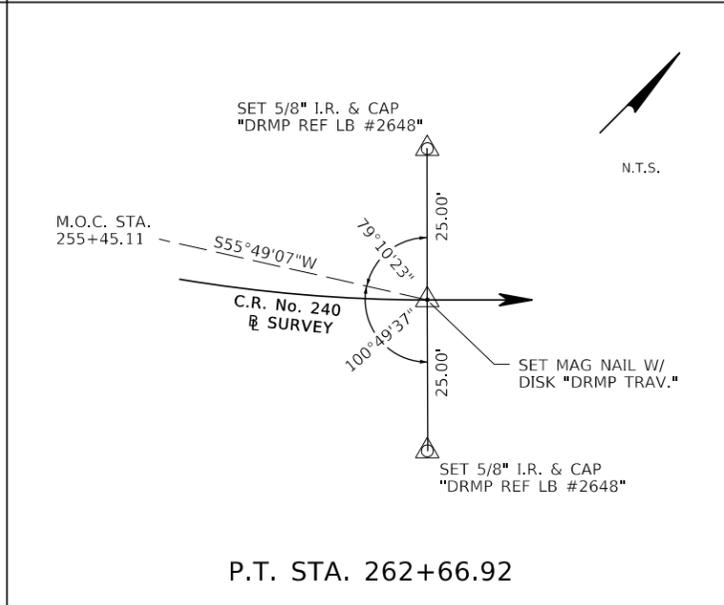
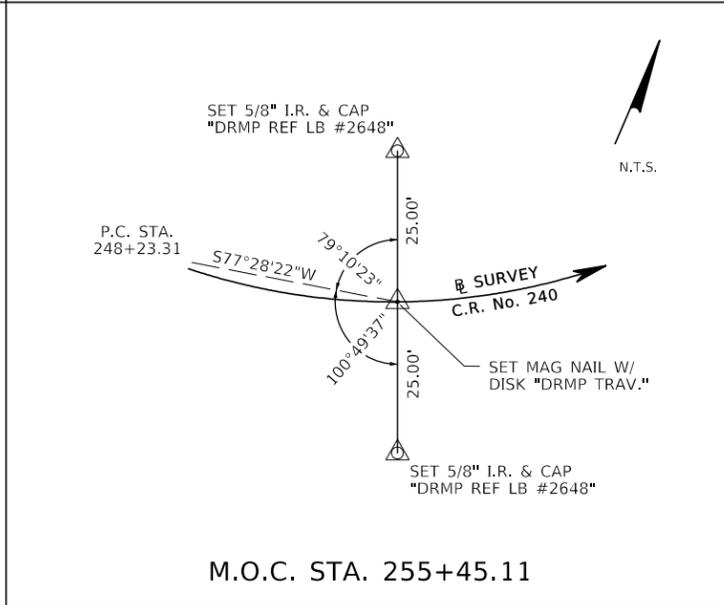
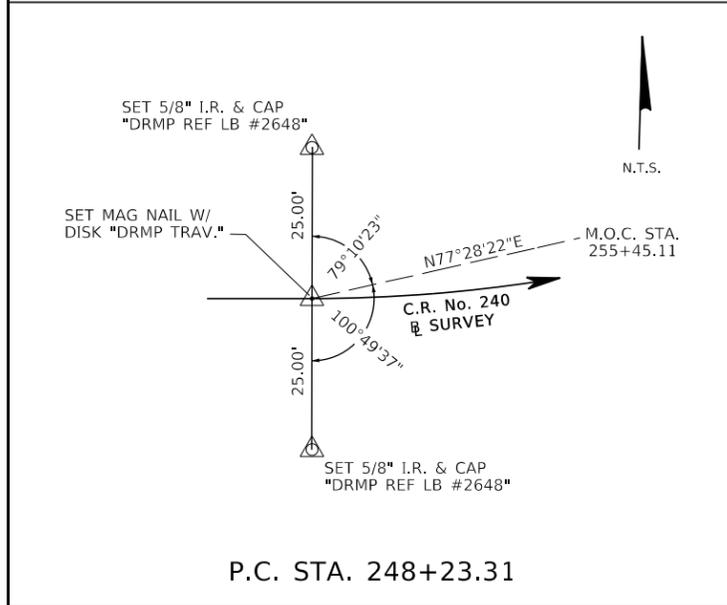
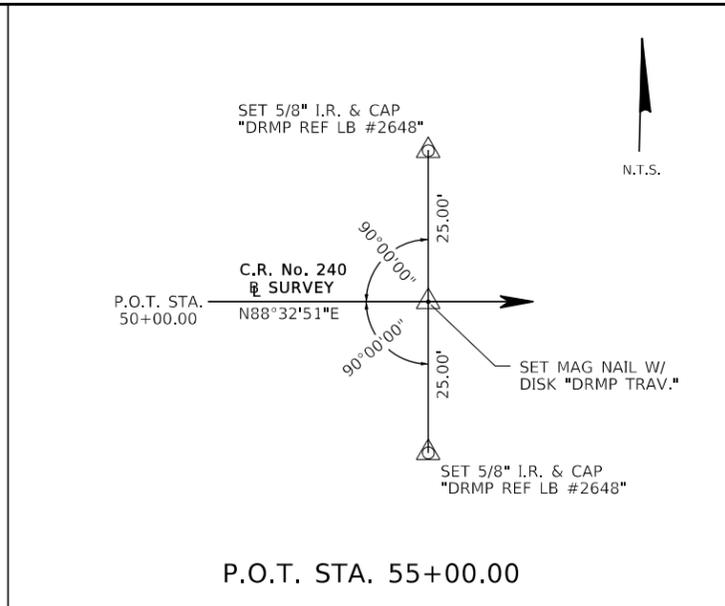
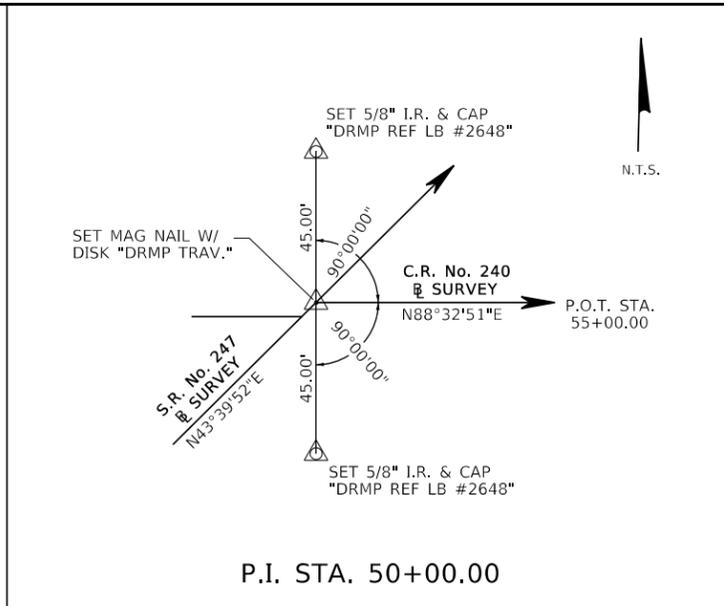
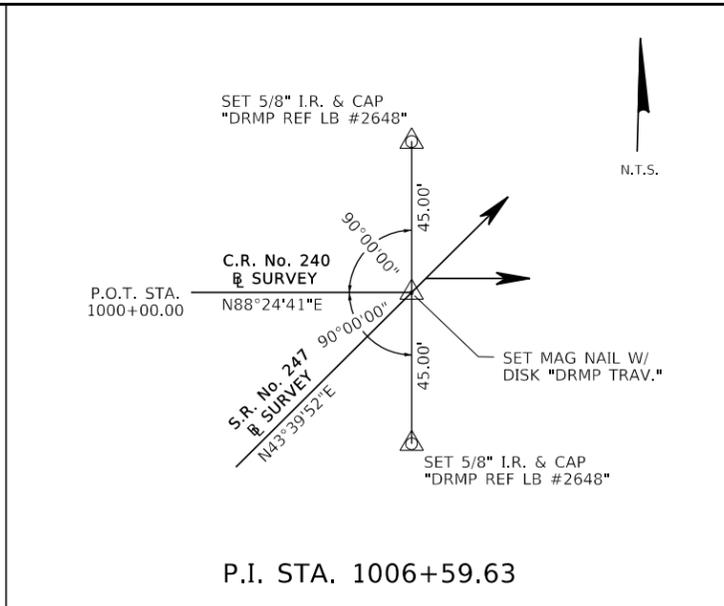
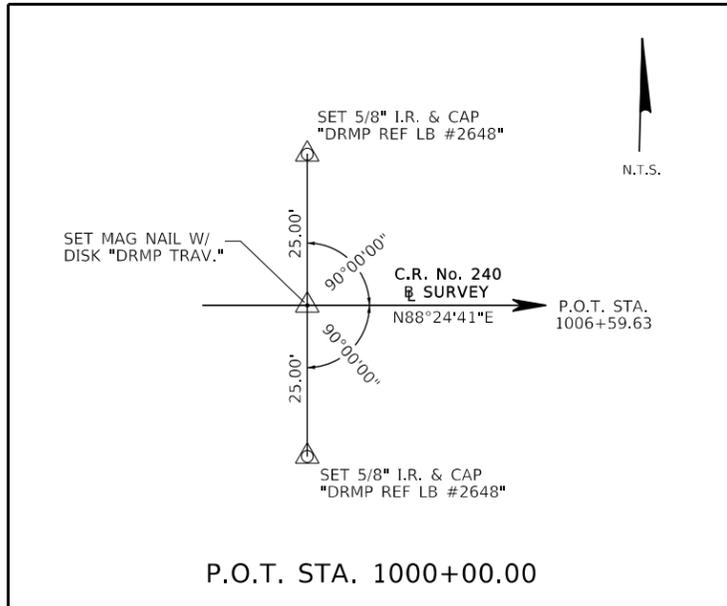
☑ STATION	NORTHING (Y)	EASTING (X)
PC STA. 394+58.35	393773.663	2542190.416
MOC STA. 396+64.13	393808.272	2542393.254
PT STA. 398+69.91	393835.574	2542597.204
PC STA. 402+25.69	393876.441	2542950.627
MOC STA. 403+93.91	393890.848	2543118.207
PT STA. 405+62.13	393895.395	2543286.343
PC STA. 422+31.26	393887.159	2544955.436
MOC STA. 423+14.83	393880.116	2545038.638
PT STA. 423+98.40	393861.053	2545119.932
PC STA. 428+17.00	393736.049	2545519.430
MOC STA. 432+41.60	393640.302	2545932.680
PT STA. 436+66.20	393607.876	2546355.636
PC STA. 452+69.19	393606.372	2547958.617
MOC STA. 454+90.30	393604.031	2548179.715
PT STA. 457+11.41	393597.425	2548400.727
PC STA. 475+00.54	393526.719	2550188.451
MOC STA. 477+84.85	393590.054	2550462.170
PT STA. 480+69.17	393783.853	2550665.580
PC STA. 488+02.10	394403.983	2551055.989
MOC STA. 488+54.94	394445.627	2551088.433
PCC STA. 489+07.79	394481.565	2551127.102
MOC STA. 490+06.64	394529.559	2551213.043
PT STA. 491+05.49	394548.190	2551309.698
PC STA. 549+46.90	394729.147	2557148.304
MOC STA. 550+76.00	394729.800	2557277.385
PT STA. 552+05.10	394723.760	2557406.326
PI STA. 553+83.81	394710.774	2557584.564
PC STA. 558+87.19	394664.966	2558085.859
MOC STA. 559+79.80	394652.603	2558177.614
PT STA. 560+72.42	394632.441	2558267.975
POT STA. 566+87.83	394472.842	2558862.332

## PRIMARY HORIZONTAL CONTROL

STAMPING ID	☑ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
11	423+45.41	33.93' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393841.339	2545061.595	30°04'13.03020"	82°40'37.86389"
12	433+46.98	35.07' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393591.456	2546033.109	30°04'10.40306"	82°40'26.85404"
13	454+45.39	28.74' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393576.117	2548134.341	30°04'09.91755"	82°40'02.94595"
14	469+19.64	41.97' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393507.736	2549608.347	30°04'09.00625"	82°39'46.20789"
15	477+96.47	23.70' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	393575.064	2550484.032	30°04'09.53255"	82°39'36.20799"
16	489+28.65	24.83' LT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	394516.591	2551127.094	30°04'18.74870"	82°39'28.71721"
17	547+74.50	30.40' LT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	394754.099	2556972.119	30°04'20.16005"	82°38'22.15857"
18	547+53.13	572.90' LT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	395295.680	2556933.961	30°04'25.52660"	82°38'22.49223"
19	557+00.46	15.57' RT.	N/A	SET 5/8" IRON ROD & CAP "DRMP TRAV LB 2648"	394666.449	2557898.483	30°04'19.14277"	82°38'11.63311"

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 240	COLUMBIA	447473-1-58-01	

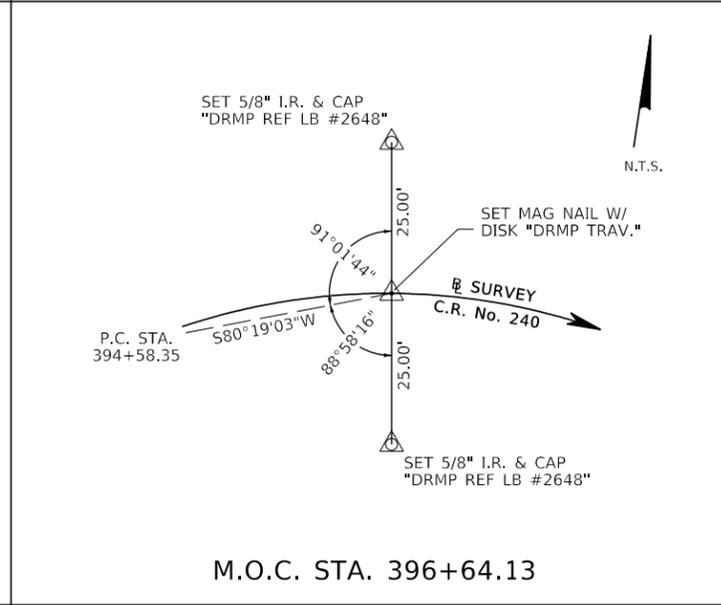
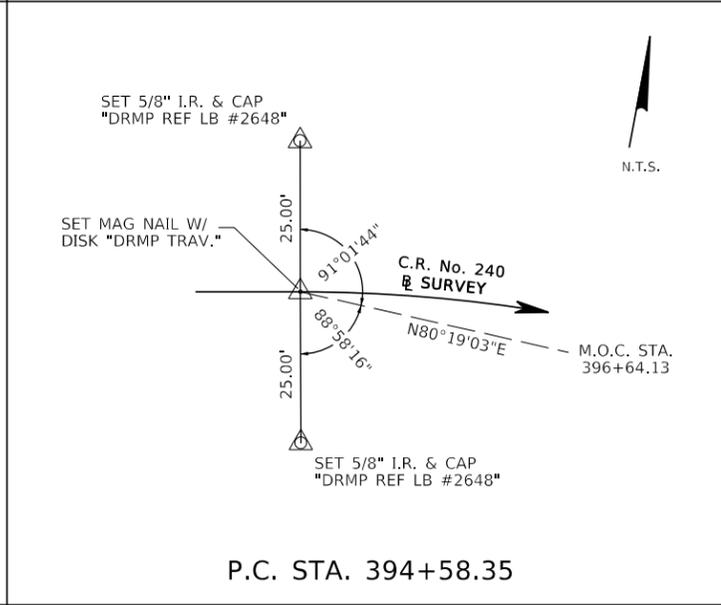
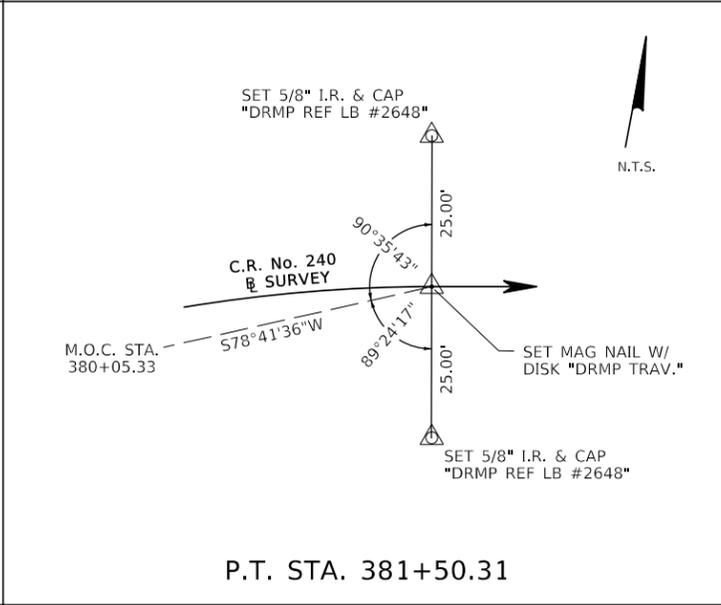
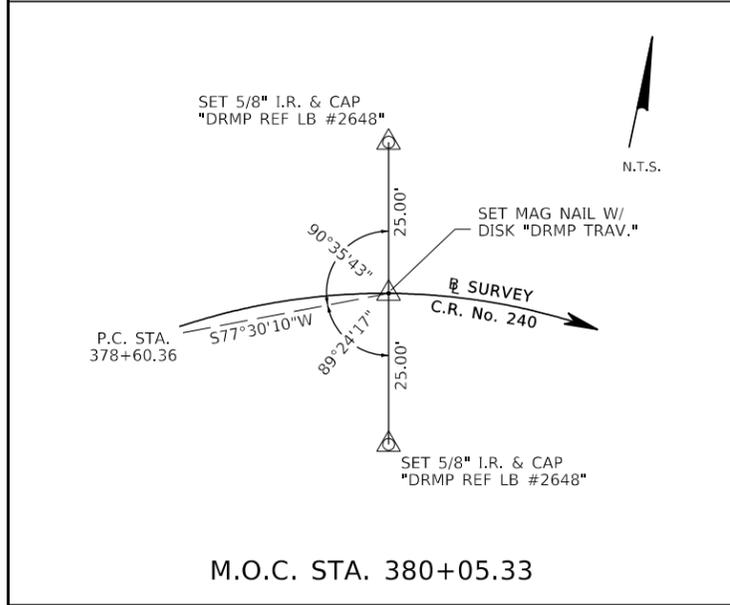
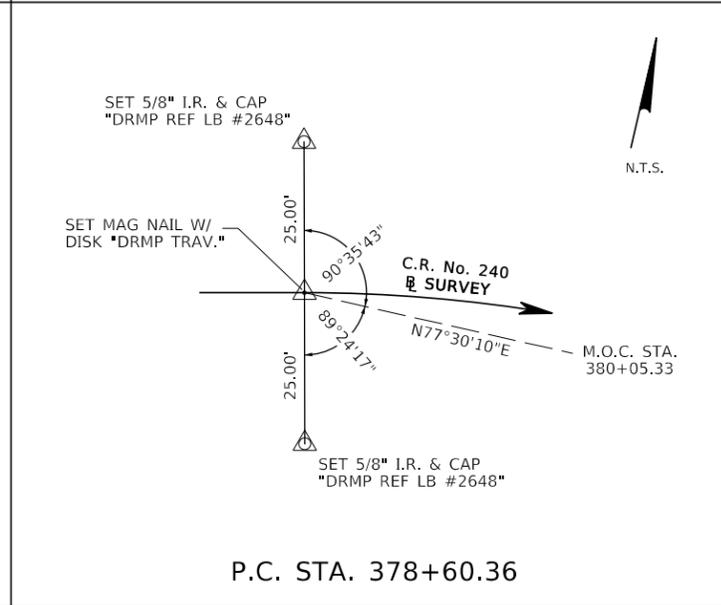
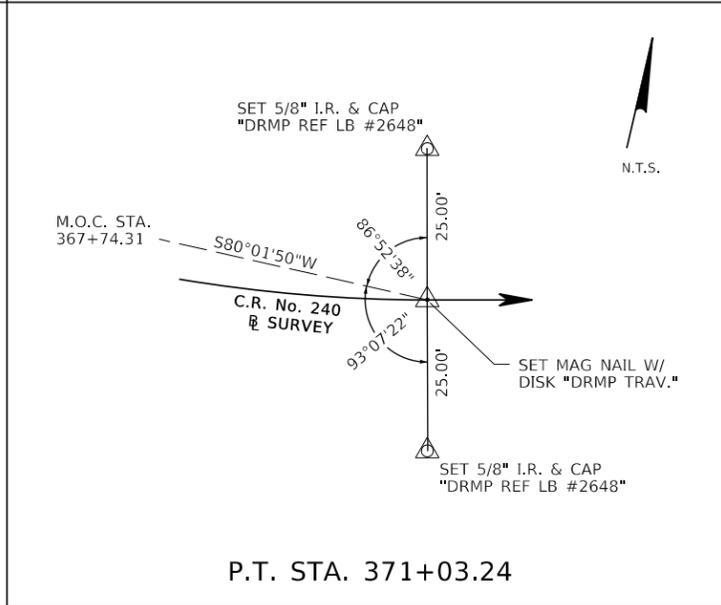
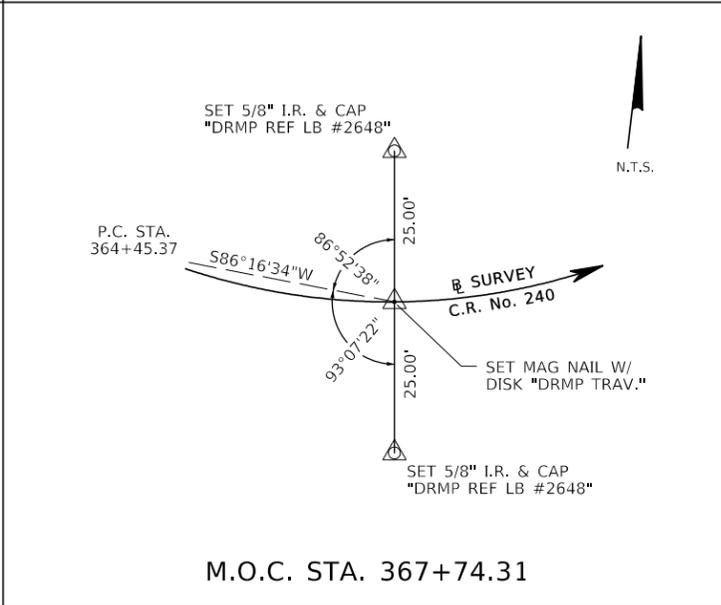
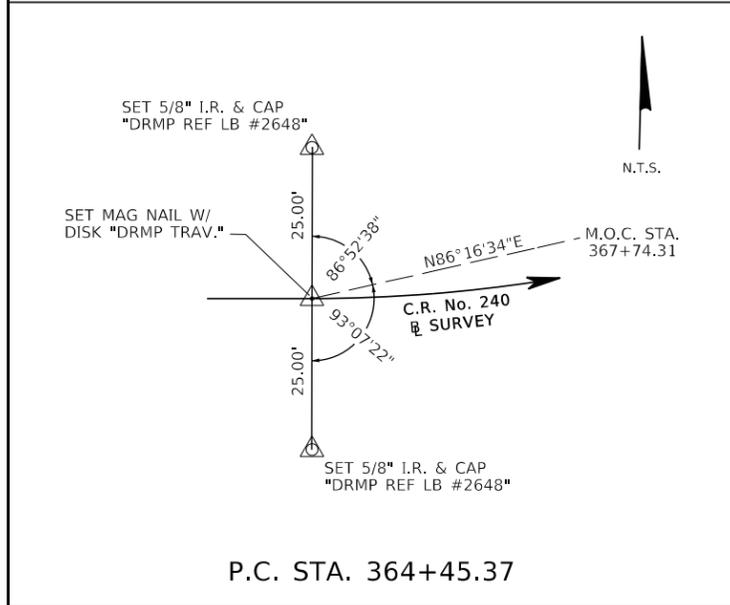
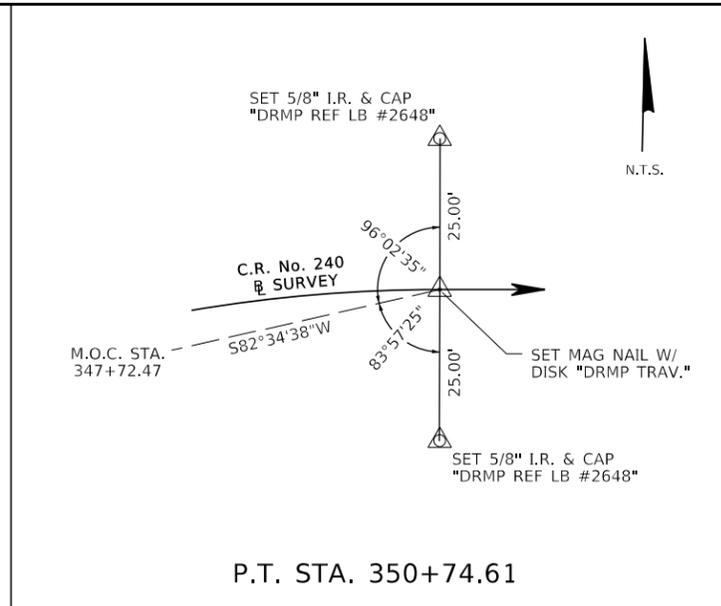
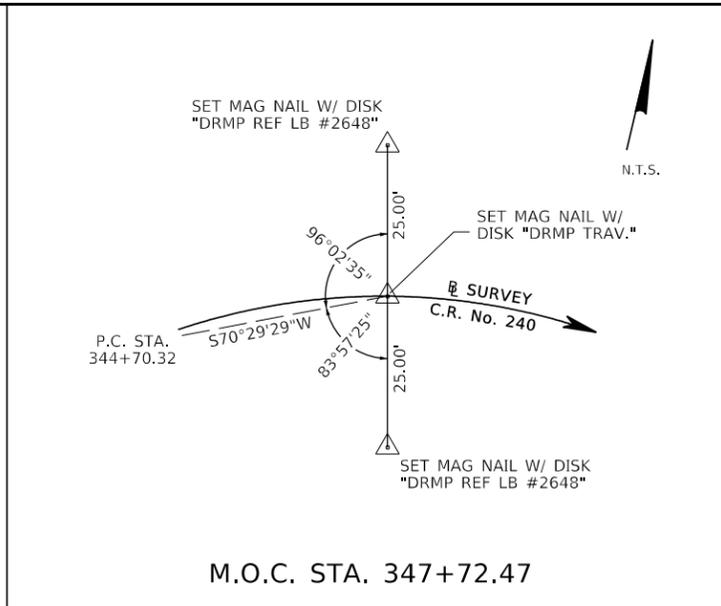
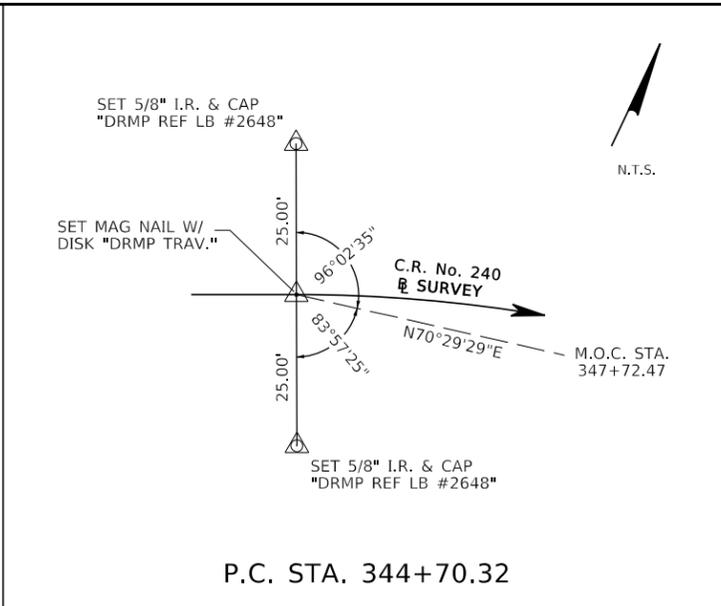
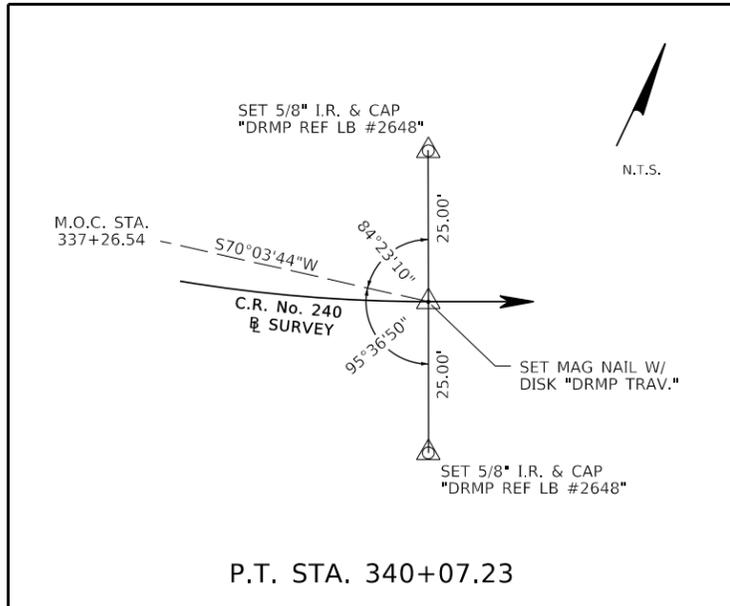
## PROJECT CONTROL



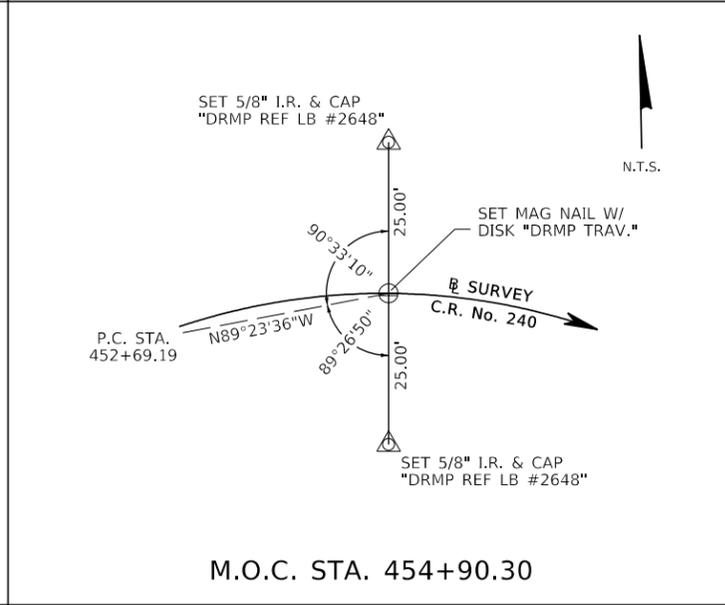
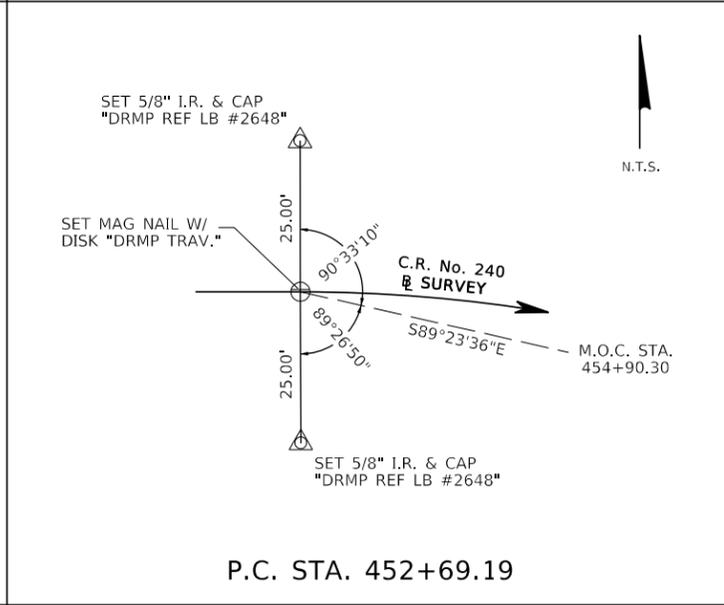
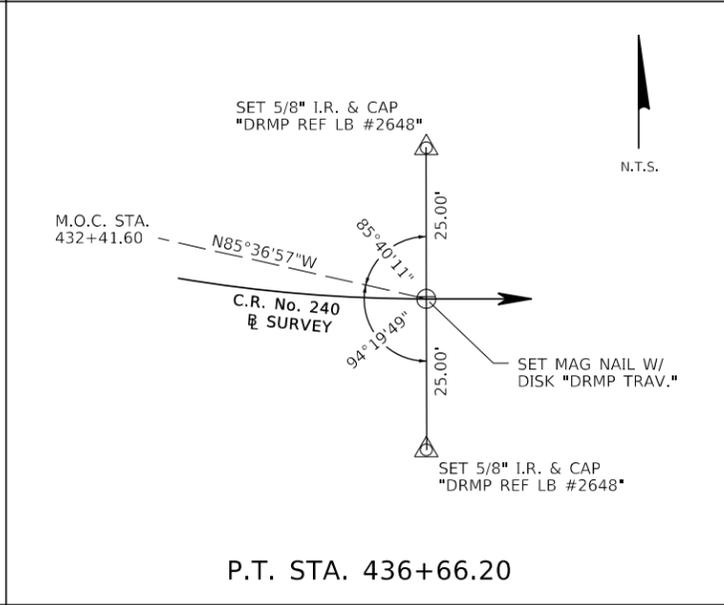
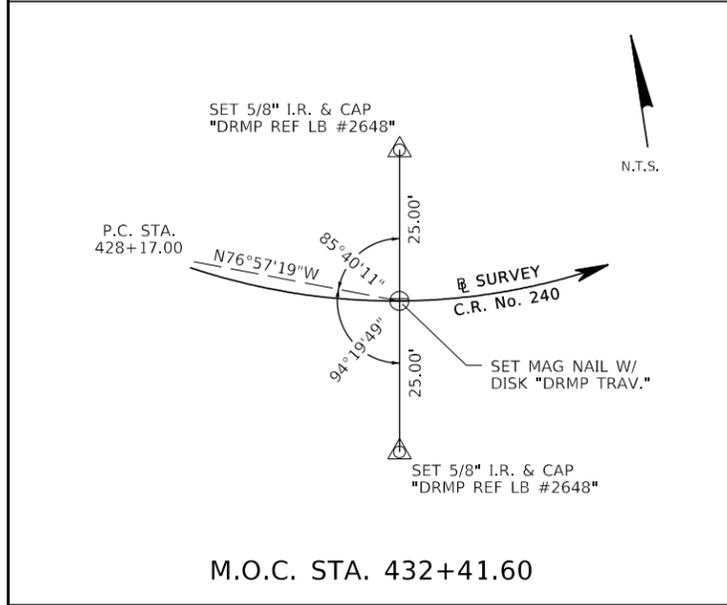
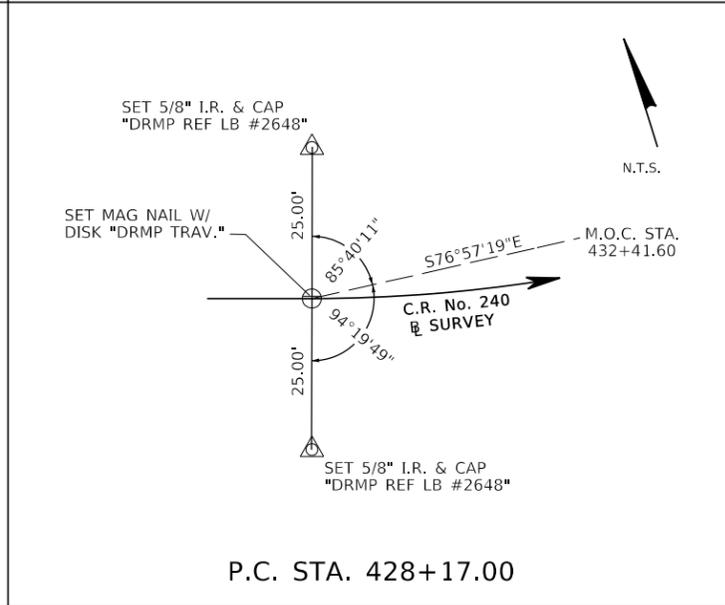
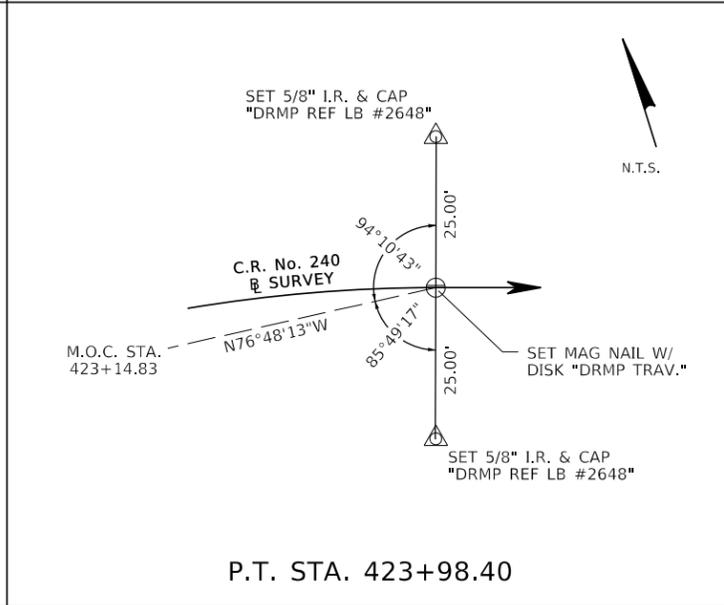
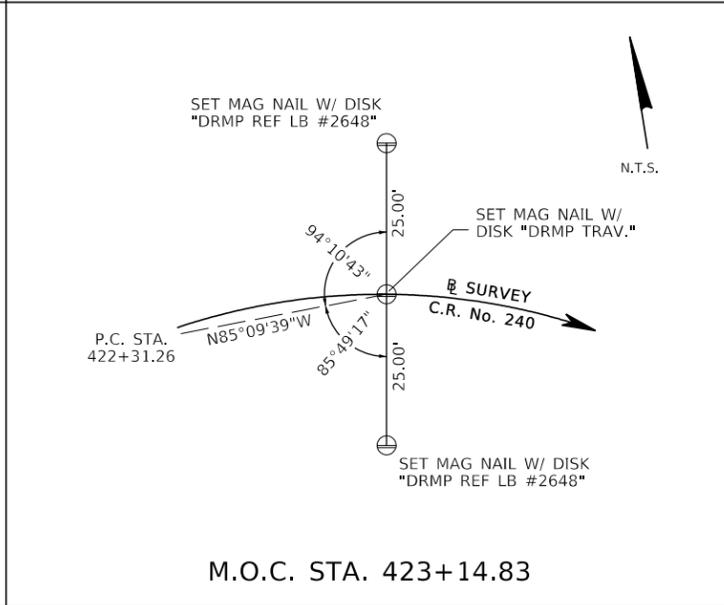
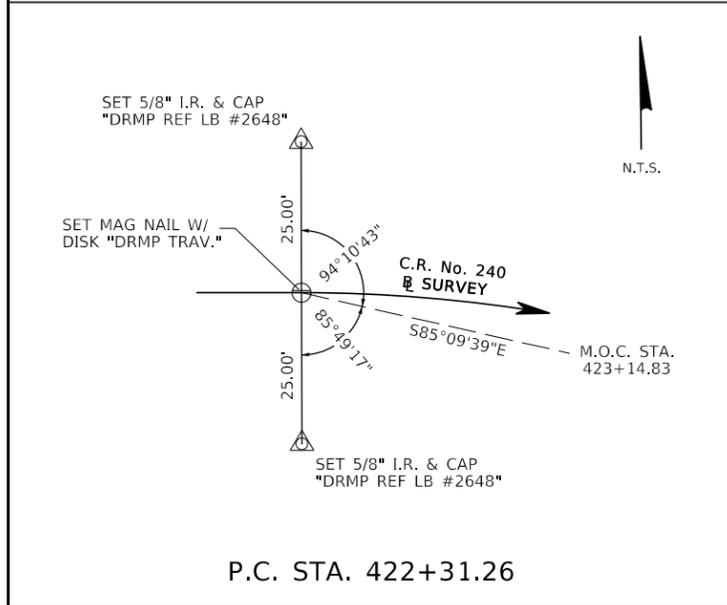
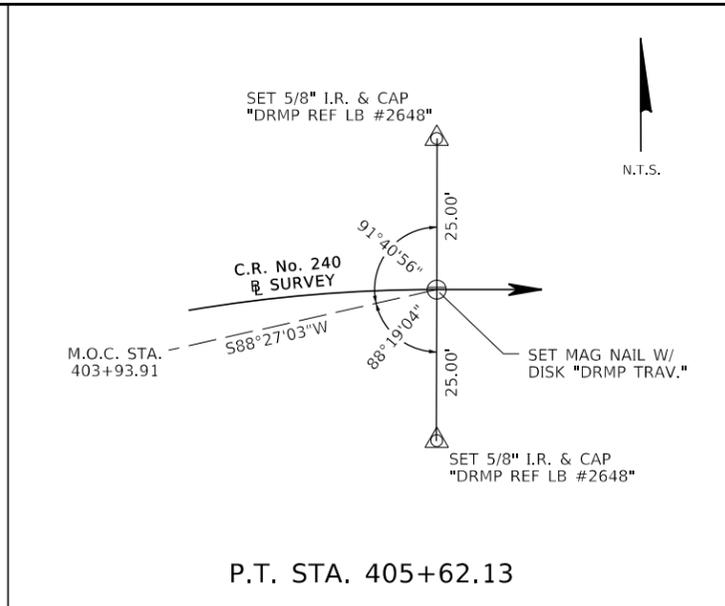
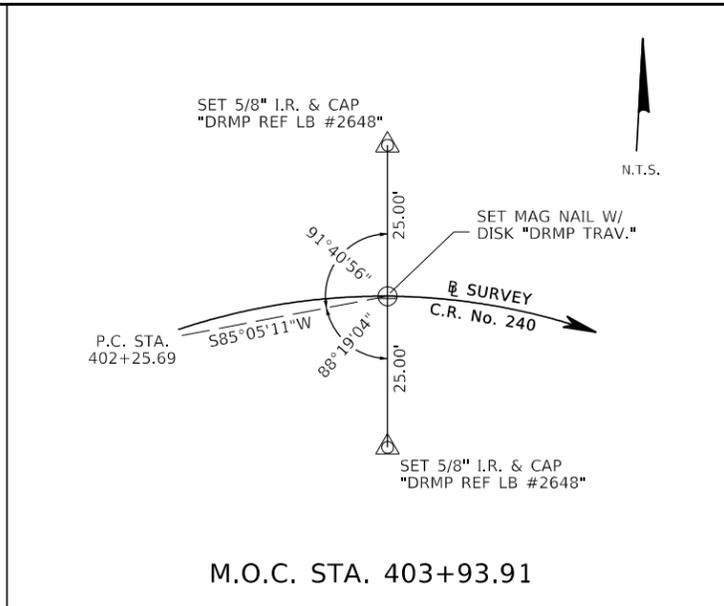
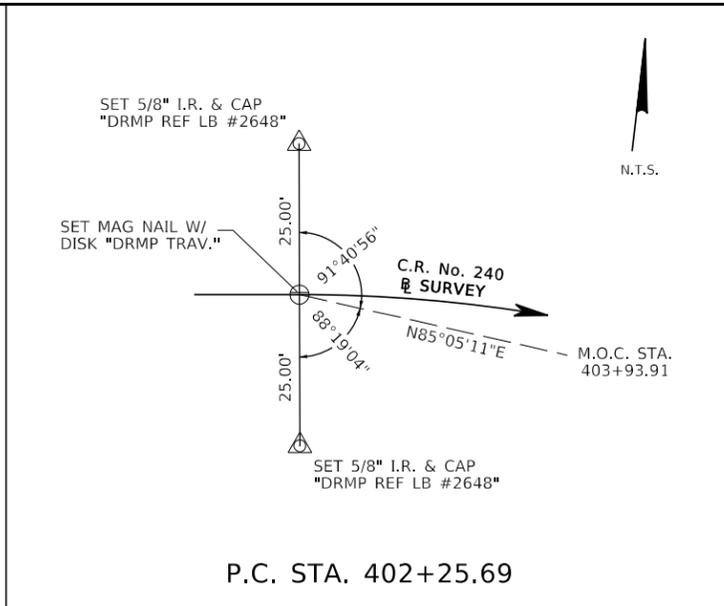
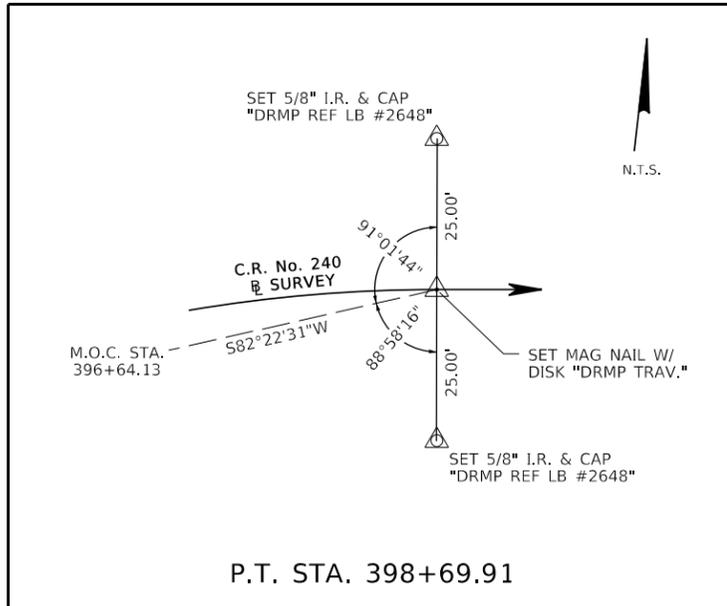
REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 240	COLUMBIA	447473-1-58-01	

PROJECT CONTROL

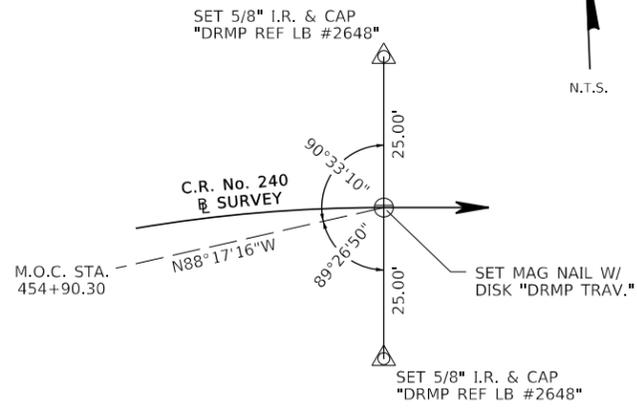
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



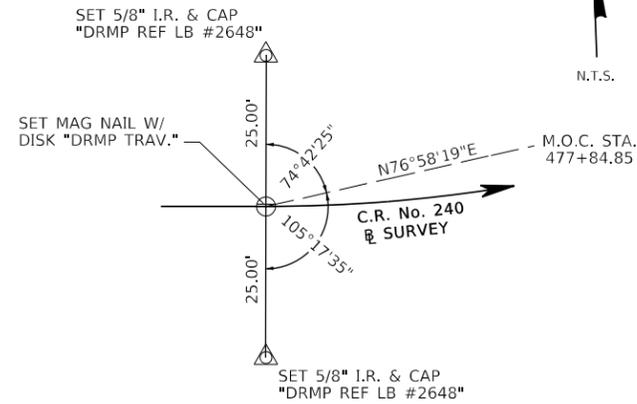
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 240	COLUMBIA	447473-1-58-01		



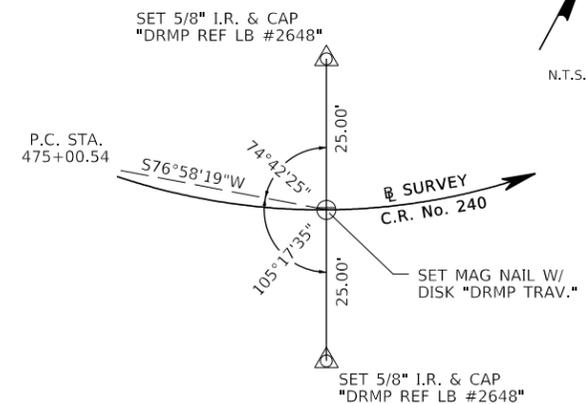
REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 240	COLUMBIA	447473-1-58-01		8



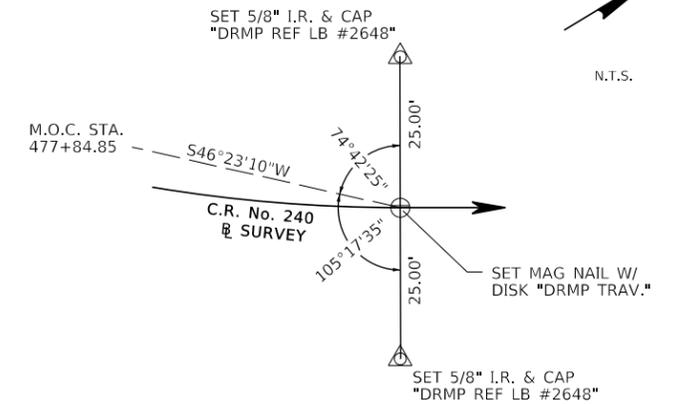
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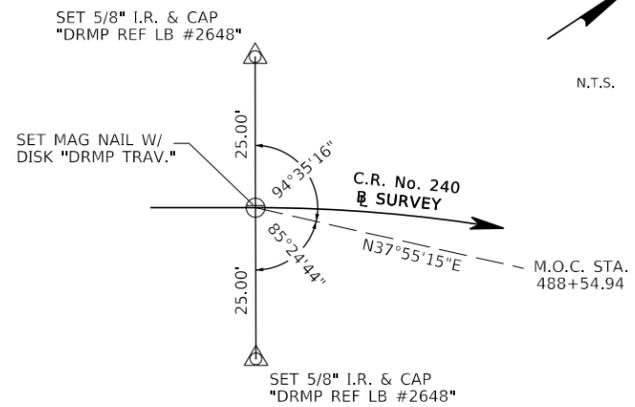
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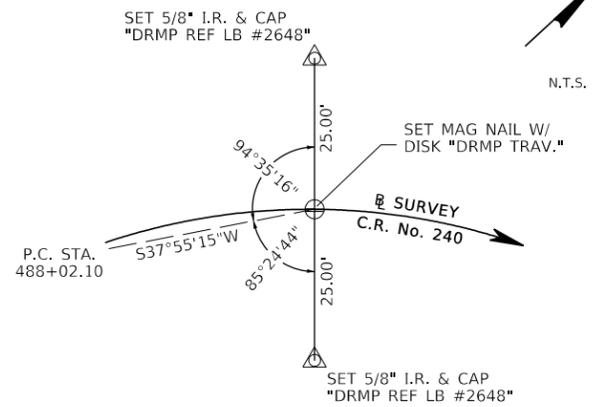
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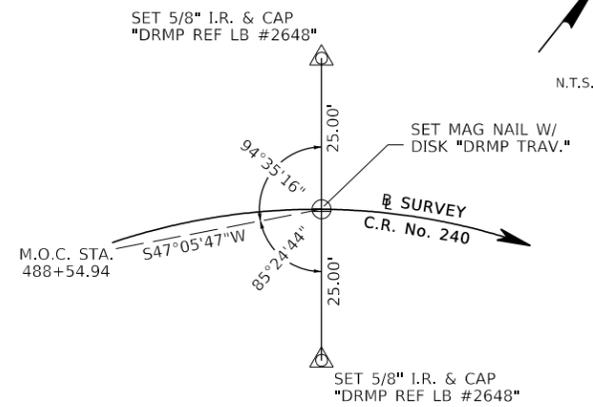
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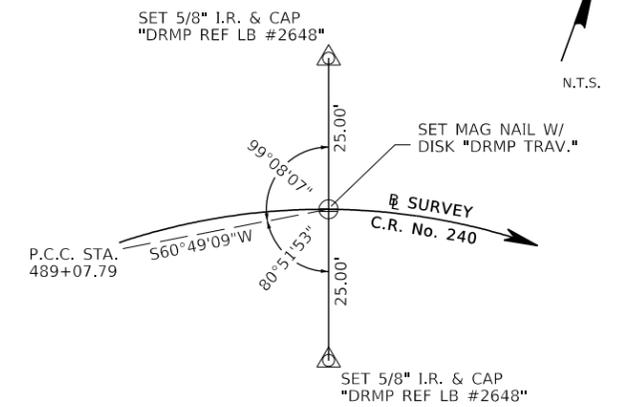
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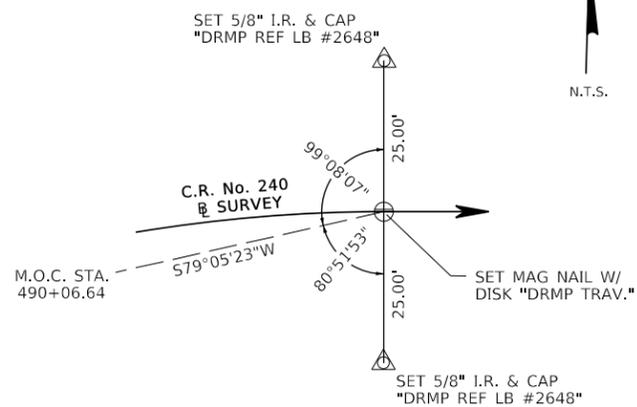
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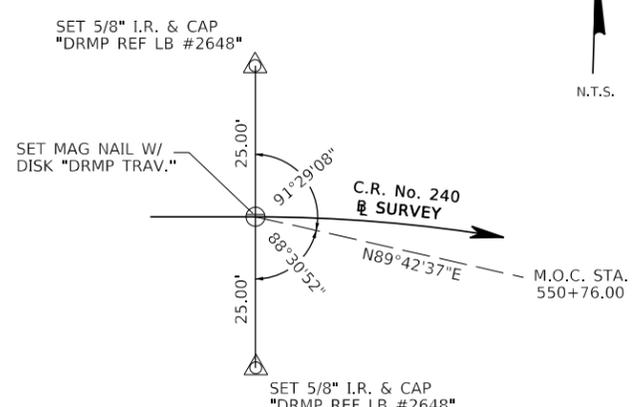
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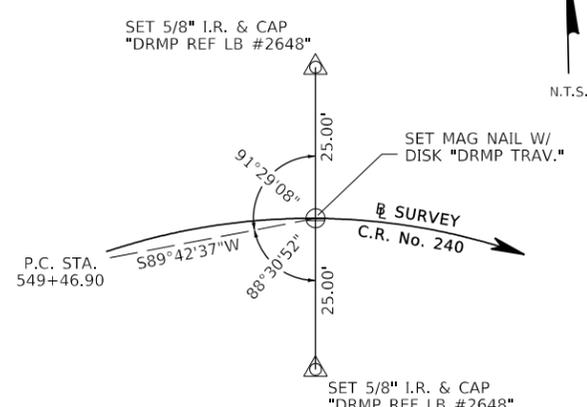
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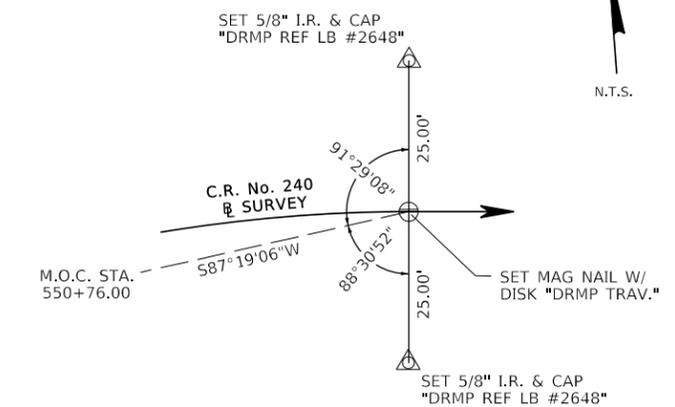
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P.C. STA. 549+46.90



M.O.C. STA. 550+76.00



P.T. STA. 552+05.10

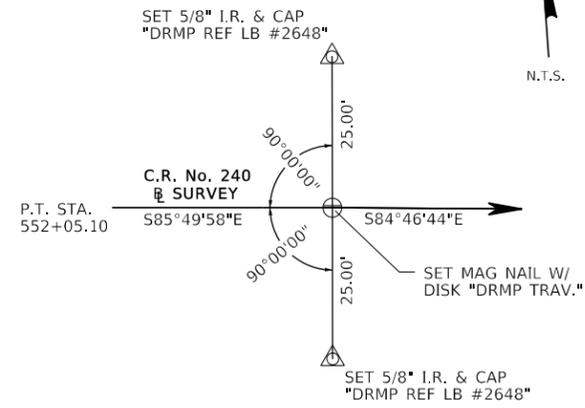
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES A. HOBSON, P.E.  
P.E. LICENSE NO: 92434  
STV INCORPORATED  
5200 BELFORT ROAD, SUITE 400  
JACKSONVILLE, FL 32256

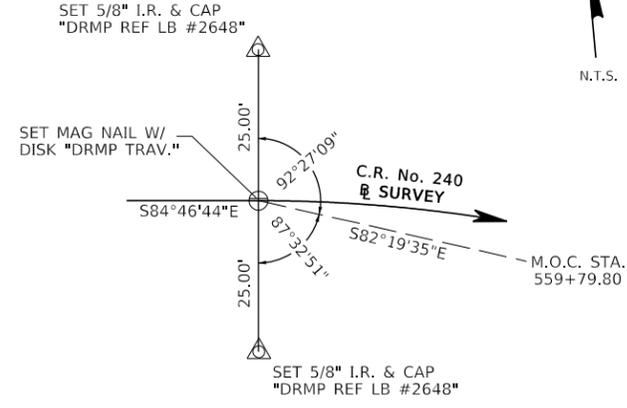
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 240	COLUMBIA	447473-1-58-01

**PROJECT CONTROL**

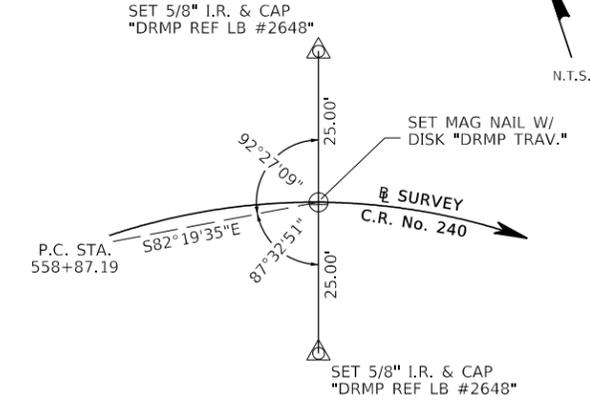
SHEET NO.  
9



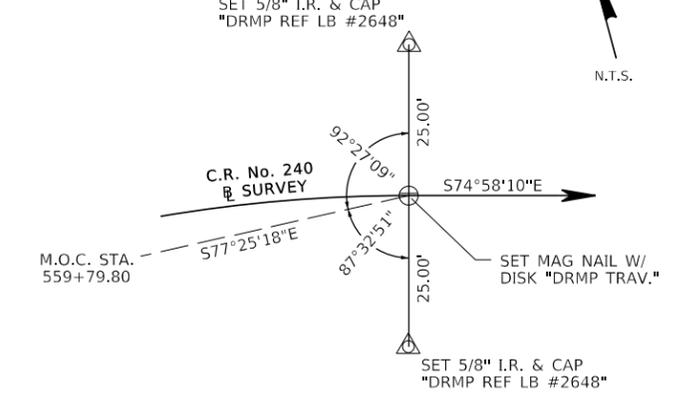
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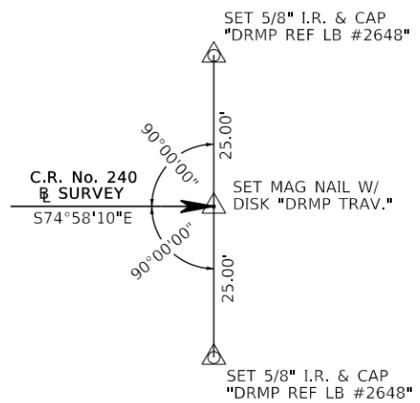
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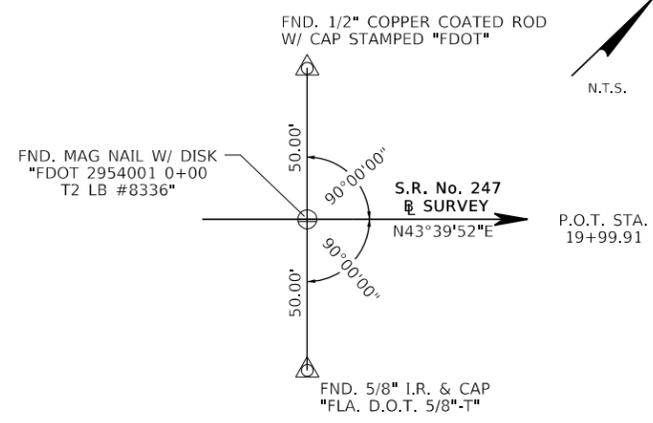
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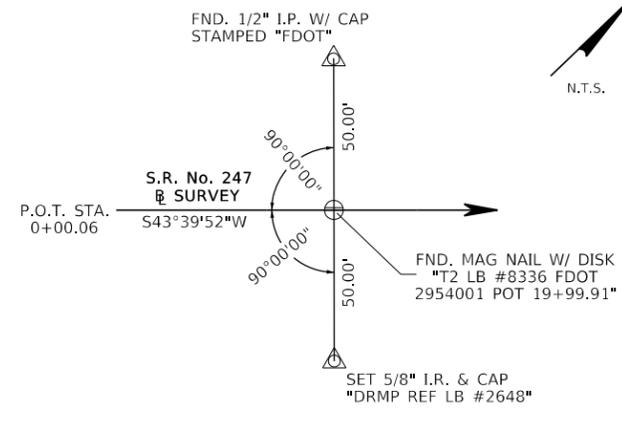
P.T. STA. 560+72.42



P.O.T. STA. 566+87.83



P.O.T. STA. 0+00.06  
 SURVEY S.R. No. 247



P.O.T. STA. 19+99.91  
 SURVEY S.R. No. 247

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  <b>10</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 240	COLUMBIA	447473-1-58-01	

**PROJECT CONTROL**

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:  
 Thomas Tracz, P.S.M.  
 P.S.M. No: LS6309  
 DRMP  
 8001 Belfort Parkway, Suite 200, Jacksonville, FL 32256
3. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
4. UTILITY/AGENCY OWNERS:
 

COMPANY	CONTACT	TELEPHONE NUMBERS
CLAY ELECTRIC	CRAIG WACHA	386-961-0106
AT&T	DINO FARRUGGIO	561-683-2729
5. ALL EXISTING UTILITIES ON SITE ARE TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED IN THE PLANS.

SR 247 TRAFFIC DATA

CURRENT YEAR = 2022      AADT = 3900  
 POSTED SPEED      = 45 MPH  
 DESIGN SPEED      = 45 MPH

CR 240 TRAFFIC DATA

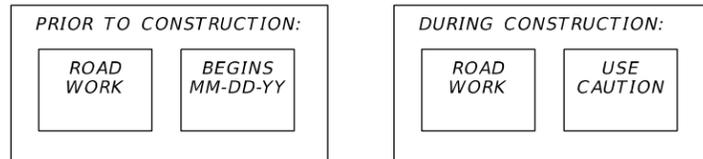
CURRENT YEAR = 2022      AADT = 2400  
 POSTED SPEED      = 35 - 45 MPH  
 DESIGN SPEED      = 35 - 45 MPH

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		11
					CR 240	COLUMBIA	447473-1-58-01		

**TRAFFIC CONTROL PLAN GENERAL NOTES**

1. TTCP DESIGN SPEED = 45 MPH FOR SR 247 & 35 - 45 MPH FOR CR 240
2. MAINTAIN EXISTING POSTED SPEED
3. ALL TEMPORARY TRAFFIC CONTROL IS TO BE IMPLEMENTED IN ACCORDANCE WITH FDOT STANDARD PLAN INDEX 102-600 SERIES
4. NO LANE CLOSURES ARE ALLOWED BETWEEN 6 AM AND 8 PM.
5. CONTRACT COLUMBIA COUNTY TRAFFIC OPERATIONS AT (386)-984-5940 PRIOR TO BEGINNING CONSTRUCTION
6. PLACE (4) PCMS ON THE PROJECT FOR 14 DAYS PRIOR TO BEGINNING CONSTRUCTION AND FOR THE DURATION OF THE PROJECT WORK. PLACE THE PCMS AT THE FOLLOWING LOCATIONS:
  - NORTH AND SOUTH OF THE PROJECT LIMITS ON SR 247
  - WEST OF CARPENTER ROAD ON CR 240 (FOR EB TRAFFIC)
  - WEST OF I-75 ON CR 240 (FOR WB TRAFFIC)

PCMS MESSAGES:



**PHASING NOTES:**

1. USING FDOT STANDARD INDEX 102-600 AND 102-602 INSTALL AND/OR REMOVE SIGNS AS SHOWN WITH THE SIGNING & PAVEMENT MARKING PLANS.
2. IMPLEMENT INDEX 102-602 IN ACCORDANCE WITH 102-600 ON ANY INTERSECTING ROADS WHEN SIGNANGE IS TO BE PLACED AT AN INTERSECTION WITH CR 240.
3. IMPLEMENT INDEX 102-603 FOR PLACEMENT OF PAVEMENT MARKINGS AND RAISED RUMBLE STRIPS WITHIN THE TRAVEL WAY ON CR 240.
4. IMPLEMENT INDEX 102-604 IN ACCORDANCE WITH 102-600 TO INSTALL PAVEMENT MARKINGS AND PERFORM SIGNAL WORK AT INTERSECTIONS.

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TEMP. TRAFFIC CONTROL GENERAL NOTES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		12
						CR 240	COLUMBIA		447473-1-58-01

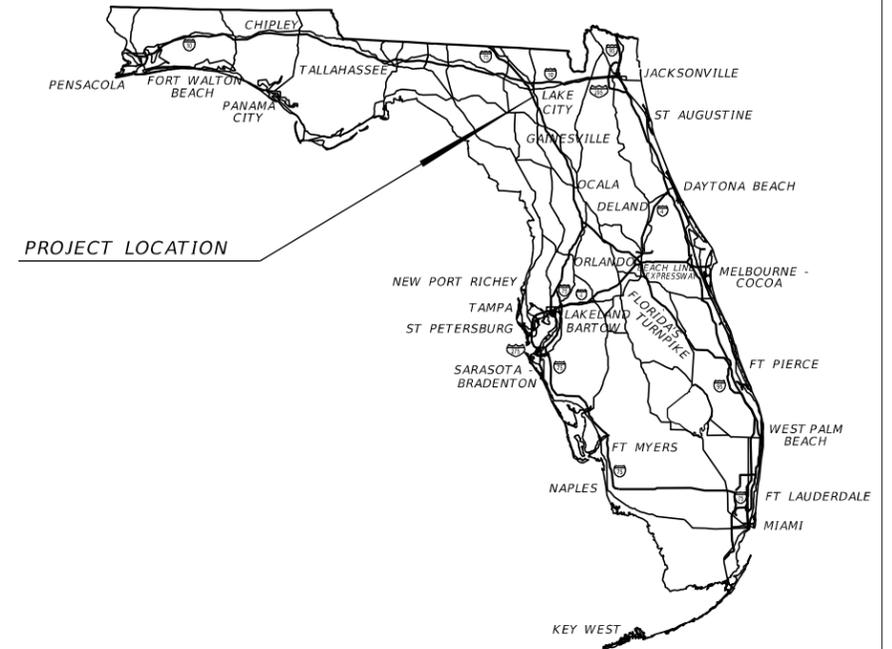
*STATE OF FLORIDA*  
*DEPARTMENT OF TRANSPORTATION*

*SIGNING AND PAVEMENT MARKING PLANS*

*INDEX OF SIGNING AND PAVEMENT MARKING PLANS*

<i>SHEET NO.</i>	<i>SHEET DESCRIPTION</i>
<i>S-1</i>	<i>KEY SHEET</i>
<i>S-2</i>	<i>SIGNATURE SHEET</i>
<i>S-3</i>	<i>SIGNING &amp; PAVEMENT MARKING GENERAL NOTES</i>
<i>S-4</i>	<i>SIGNING &amp; PAVEMENT MARKING PROJECT LAYOUT</i>
<i>S-5 - S-18</i>	<i>SIGNING &amp; PAVEMENT MARKING PLANS</i>

**FINANCIAL PROJECT ID 447473-1-58-01**  
**(FEDERAL FUNDS)**  
**COLUMBIA COUNTY**  
**COUNTY ROAD NO. 240**  
**FROM SR 247 TO CR 131**

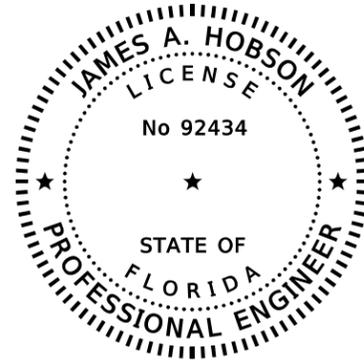


**SIGNING AND PAVEMENT MARKING PLANS**  
**ENGINEER OF RECORD:**

*JAMES A. HOBSON, P.E. NO.: 92434*  
*STV INCORPORATED*  
*5200 BELFORT ROAD, SUITE 400*  
*JACKSONVILLE, FLORIDA 32256*  
*904-383-3926*  
*CONTRACT NO.: CA450*  
*VENDOR NO.: F131968759-001*

**COLUMBIA COUNTY PROJECT MANAGER:**  
*CHAD WILLIAMS, P.E.*

<i>CONSTRUCTION CONTRACT NO.</i>	<i>FISCAL YEAR</i>	<i>SHEET NO.</i>
<i>TBD</i>	<i>24</i>	<i>S-1</i>



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

James A Hobson 2024.02.07  
15:21:02 -05'00'

ON THE DATE ADJACENT TO THE SEAL.  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED.  
THE SIGNATURE MUST BE VERIFIED  
IN THE ELECTRONIC DOCUMENTS.

STV, INC.  
5200 BELFORT ROAD, SUITE 400  
JACKSONVILLE, FL 32256  
JAMES A. HOBSON, P.E. NO. 92434

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE  
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	SIGNING & PAVEMENT MARKING GENERAL NOTES
S-4	SIGNING & PAVEMENT MARKING PROJECT LAYOUT
S-5 - S-18	SIGNING & PAVEMENT MARKING PLANS

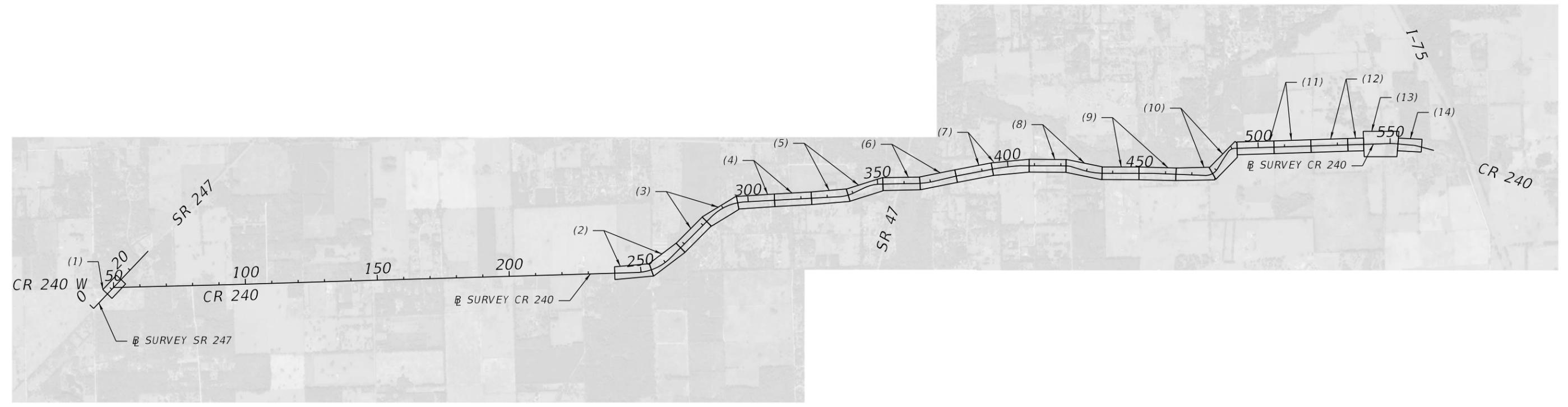
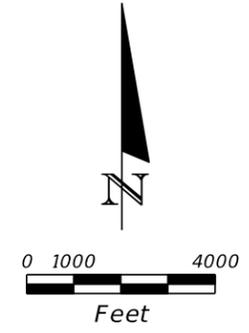
REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SINGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-2
					CR 240	COLUMBIA	447473-1-58-01		

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:  
 Thomas Tracz, P.S.M.  
 P.S.M. No: LS6309  
 DRMP  
 8001 Belfort Parkway, Suite 200, Jacksonville, FL 32256
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4. UTILITY/AGENCY OWNERS:
 

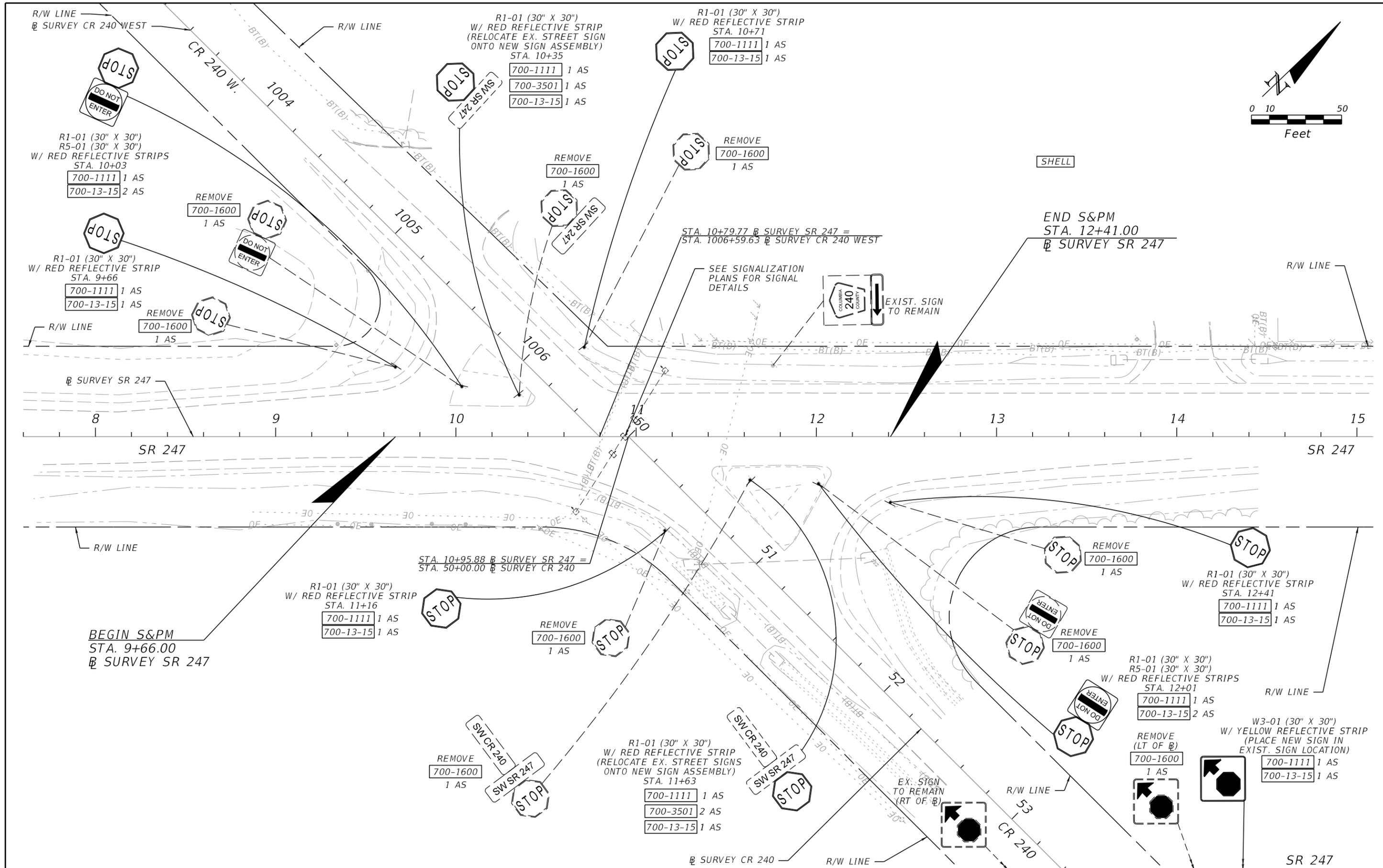
COMPANY	CONTACT	TELEPHONE NUMBERS
CLAY ELECTRIC	CRAIG WACHA	386-961-0106
AT&T	DINO FARRUGGIO	561-683-2729
5. ALL EXISTING UTILITIES ON SITE ARE TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED IN THE PLANS.
6. ALL EXISTING SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE DIRECTED IN THE PLANS.
7. EXISTING SIGN ASSEMBLIES TO BE REMOVED SHALL BE PLACED IN AREAS APPROVED BY THE ENGINEER FOR PICKUP BY COLUMBIA COUNTY. CONTACT JOSEPH CRACKEL (386) 984-5940 48 HOURS IN ADVANCE FOR PICKUP. ANY SIGNS NOT TAKEN BY COLUMBIA COUNTY SHALL BE DISPOSED OF BY THE CONTRACTOR.
8. MAINTAIN EXISTING STREET NAME SIGNS FOR 911 PURPOSES. COST FOR ALL RELOCATIONS DURING MAINTENANCE OF TRAFFIC TO BE INCLUDED UNDER RELATED PAY ITEM(S).
9. RELOCATE EXISTING STREET NAME SIGNS ONTO PROPOSED STOP SIGNS AT EACH INTERSECTION. ADJUST COLUMN SIZE AND LENGTH FOR EACH SIGN ASSEMBLY IN ACCORANCE WITH THE STANDARD PLANS. COST TO BE INCLUDED UNDER RELATED PAY ITEM(S).

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVT MARKING</b>  <b>GENERAL NOTES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-3



REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAV'T MARKING PROJECT LAYOUT</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-4
					CR 240	COLUMBIA	447473-1-58-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

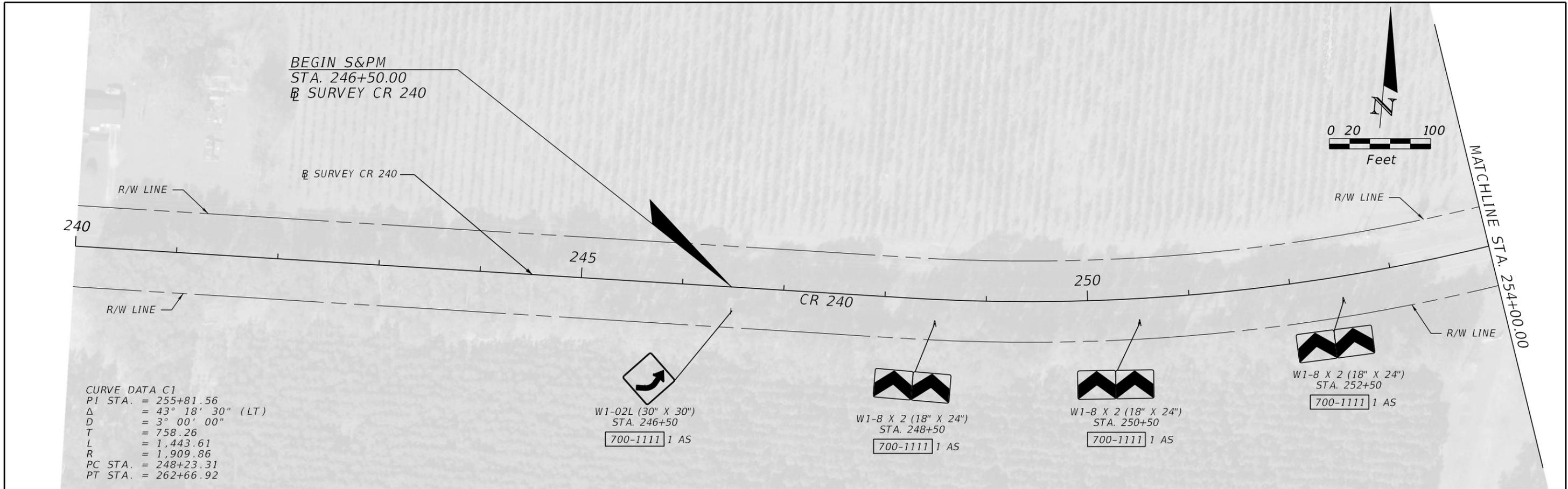
JAMES A. HOBSON, P.E.  
P.E. LICENSE NO: 92434  
STV INCORPORATED  
5200 BELFORT ROAD, SUITE 400  
JACKSONVILLE, FL 32256

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 240	COLUMBIA	447473-1-58-01

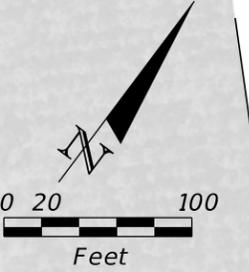
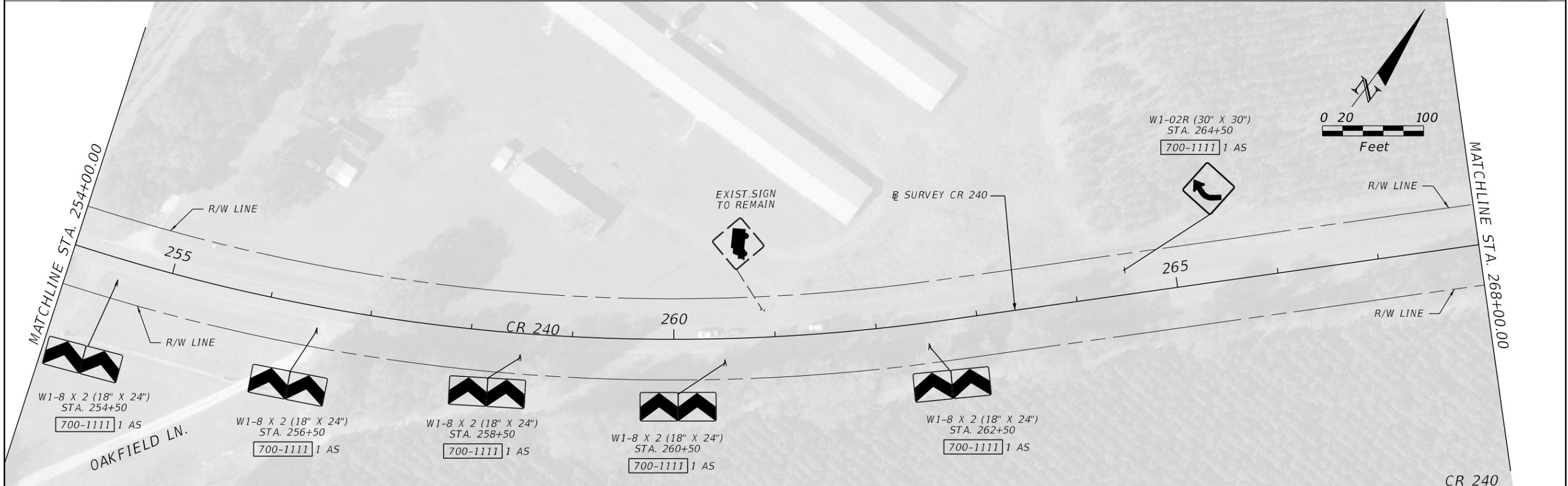
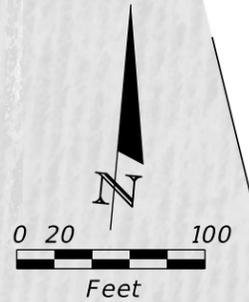
**SIGNING & PAVEMENT  
MARKING PLAN (1)**

SHEET NO.  
S-5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

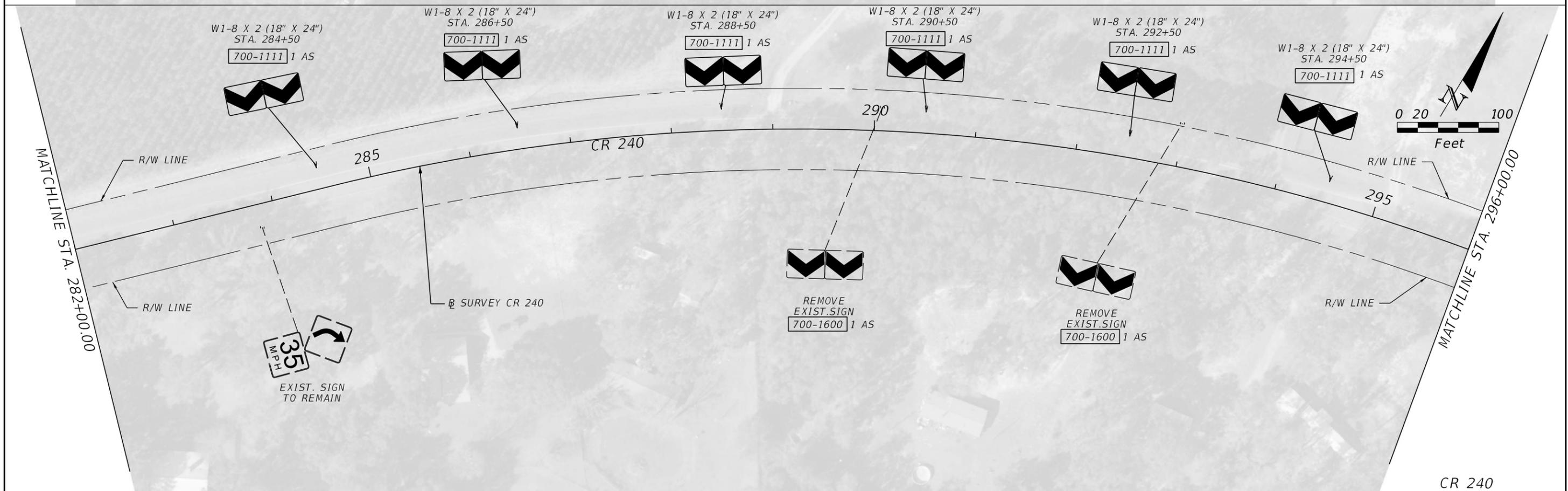
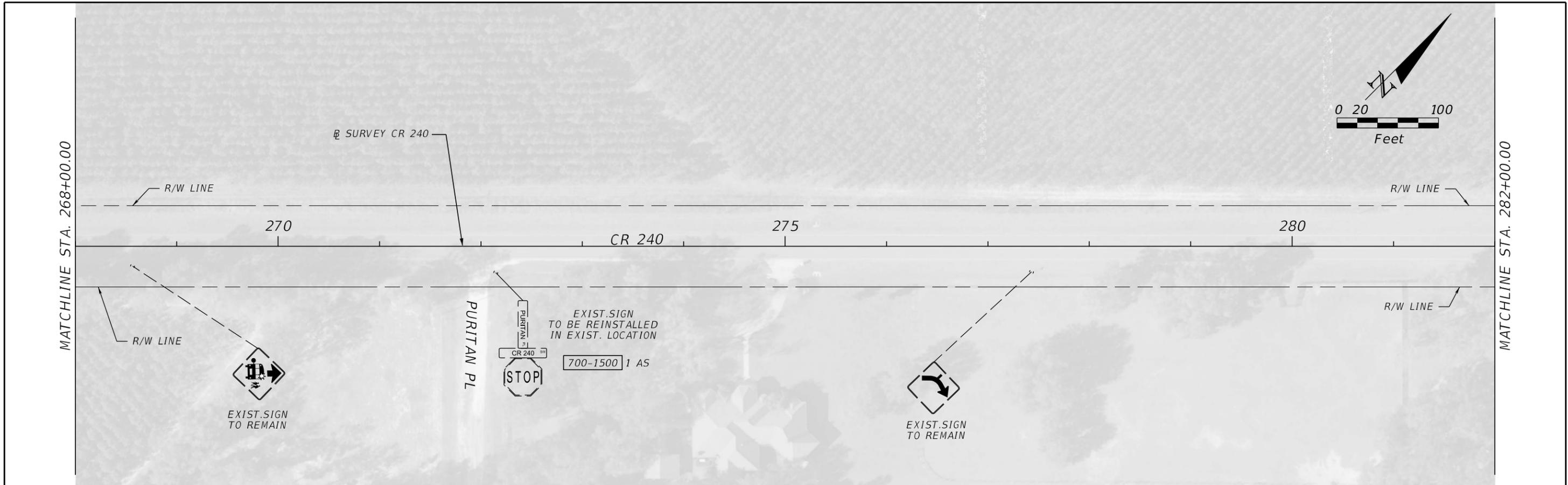


CURVE DATA C1  
 PI STA. = 255+81.56  
 $\Delta$  = 43° 18' 30" (LT)  
 D = 3° 00' 00"  
 T = 758.26  
 L = 1,443.61  
 R = 1,909.86  
 PC STA. = 248+23.31  
 PT STA. = 262+66.92



REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLANS (2)</b>	SHEET NO. S-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 240	COLUMBIA	447473-1-58-01		

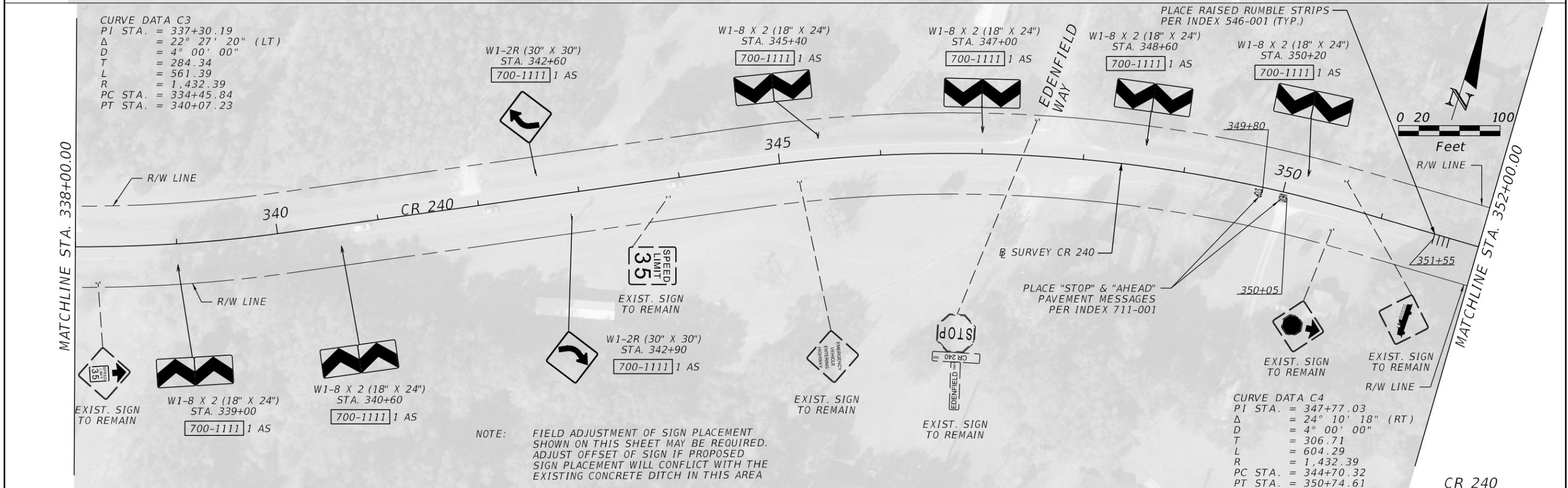
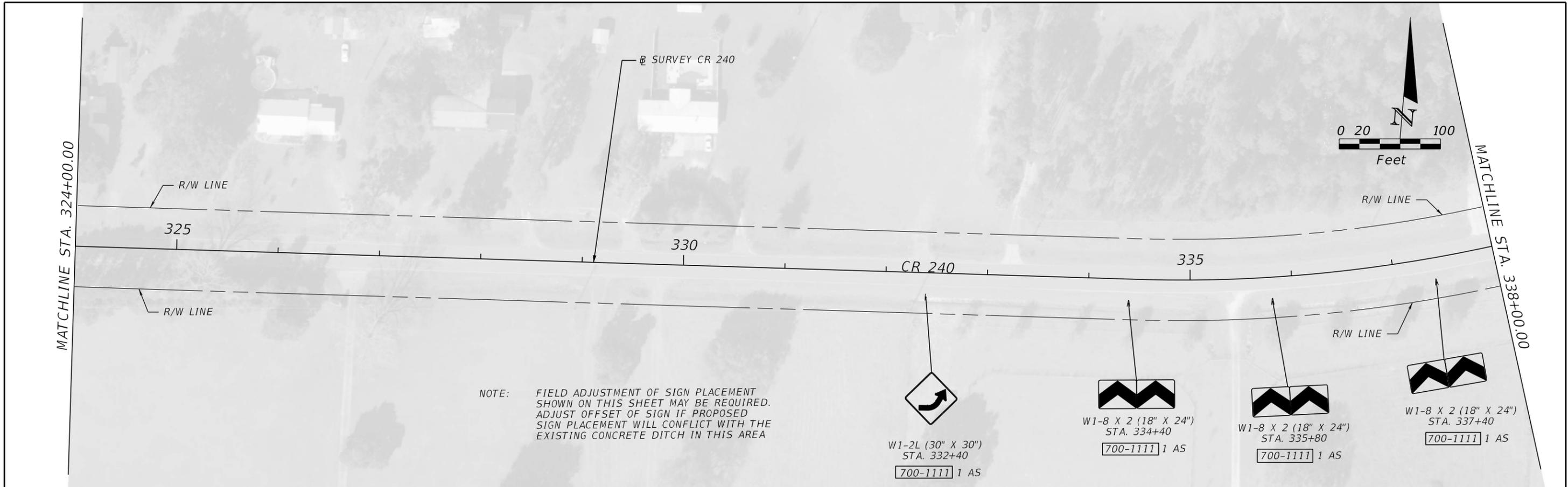
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



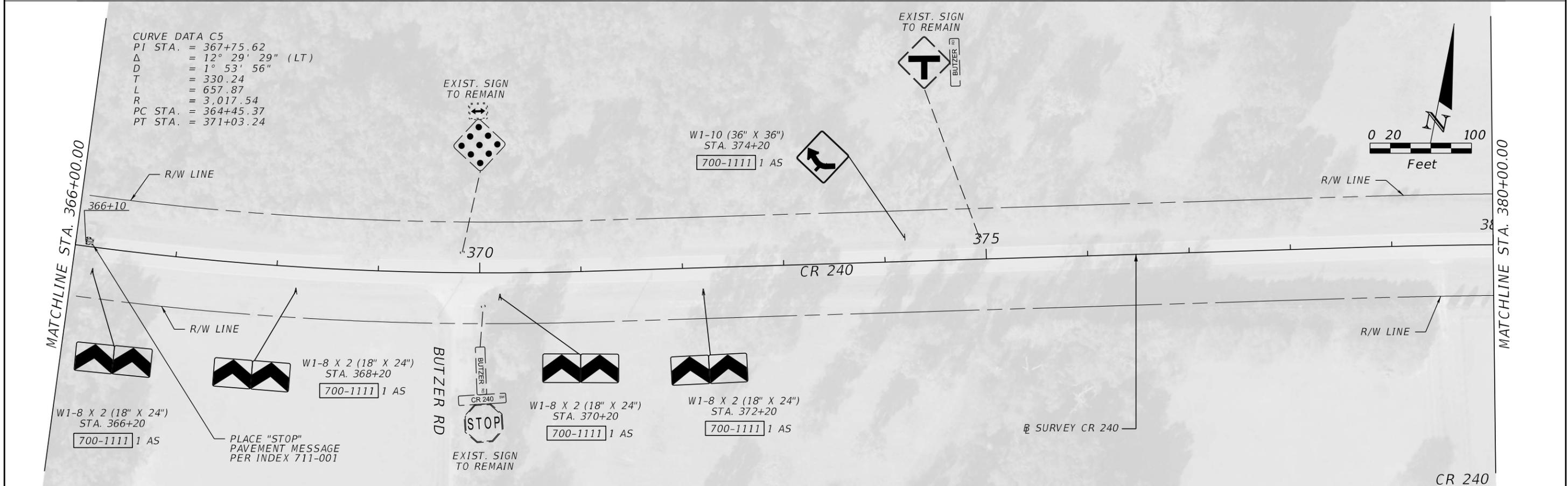
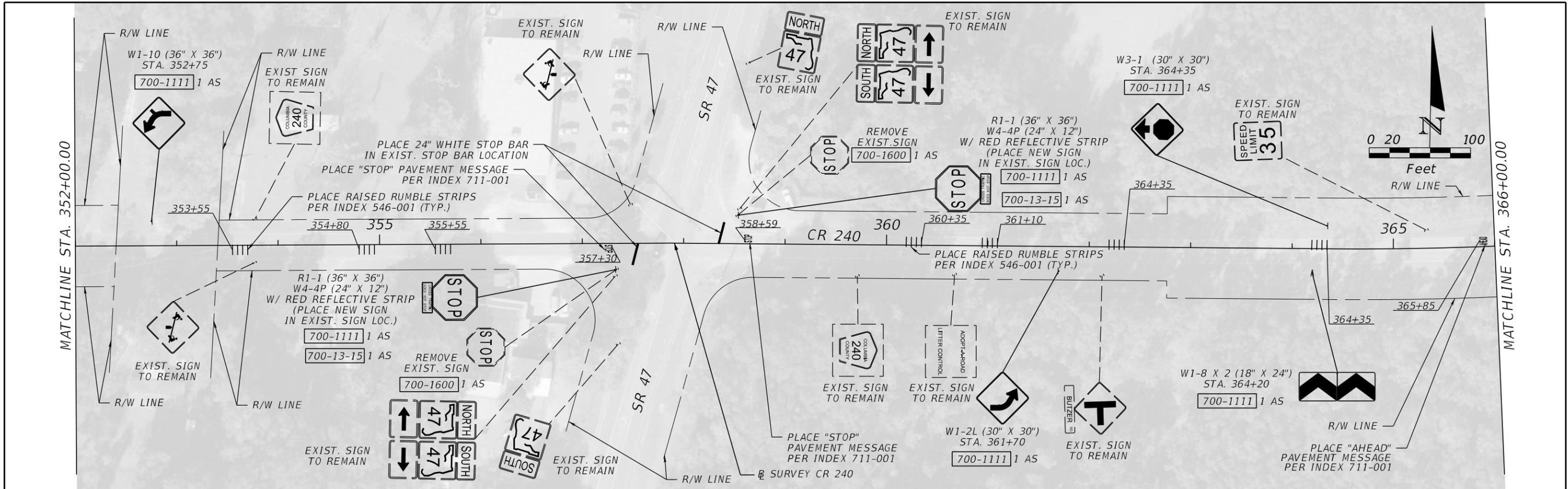
REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD , SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLANS (3)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-7
					CR 240	COLUMBIA	447473-1-58-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLANS (5)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 240	COLUMBIA	447473-1-58-01		S-9

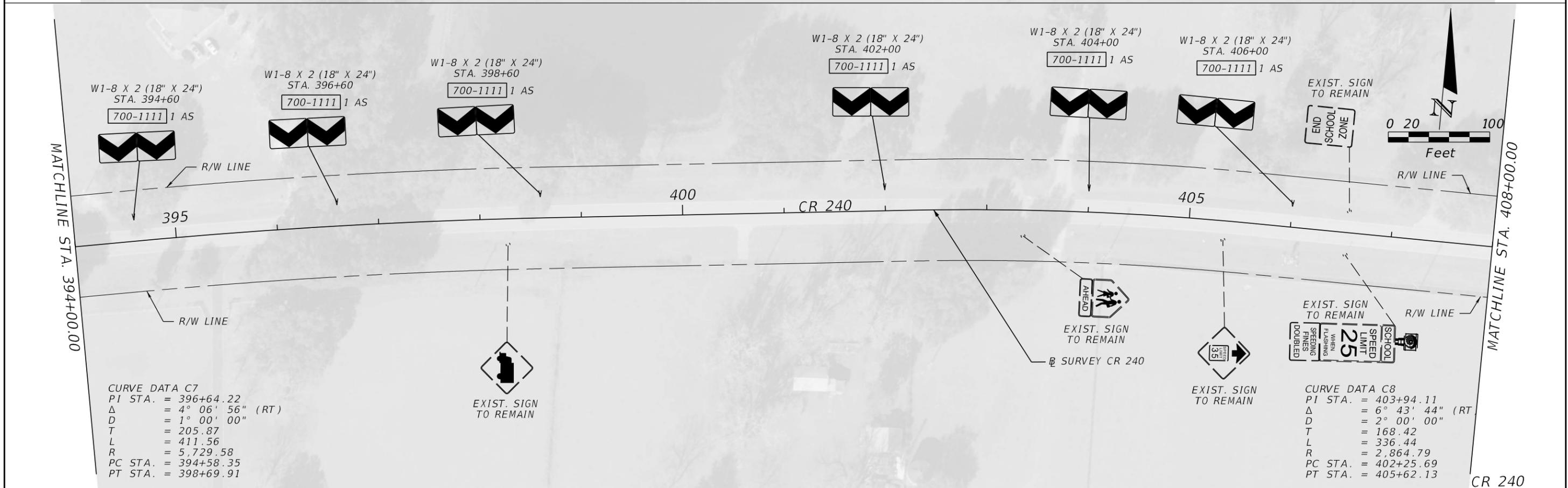
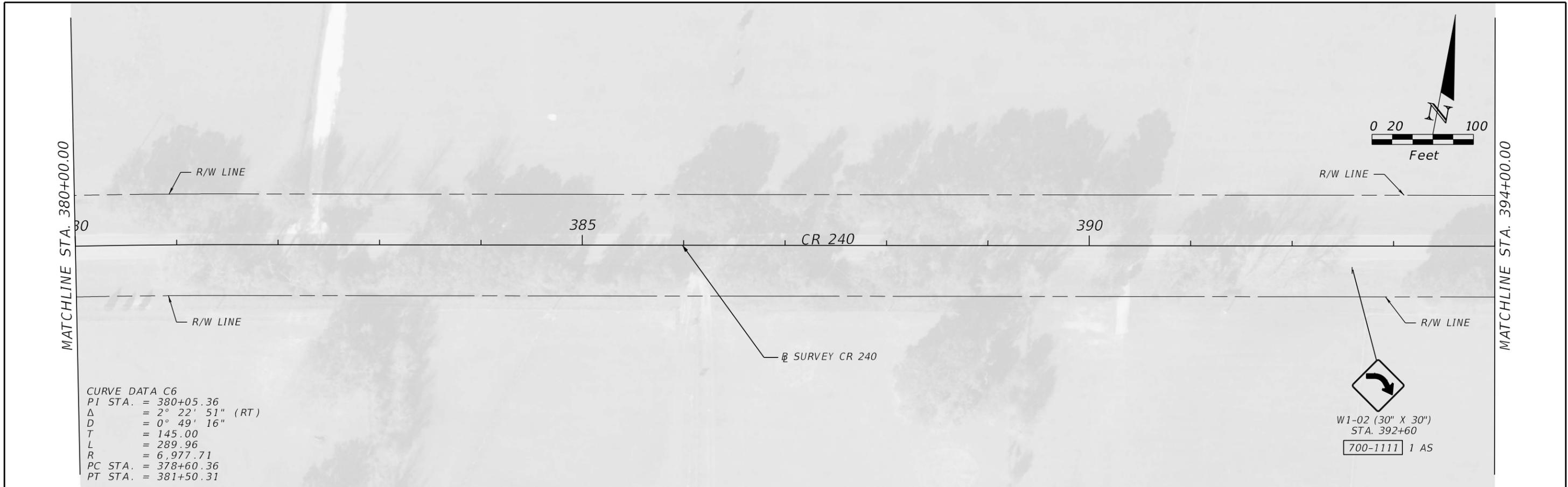


CURVE DATA C5  
 PI STA. = 367+75.62  
 $\Delta$  = 12° 29' 29" (LT)  
 D = 1° 53' 56"  
 T = 330.24  
 L = 657.87  
 R = 3,017.54  
 PC STA. = 364+45.37  
 PT STA. = 371+03.24

REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. S-10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 240	COLUMBIA	447473-1-58-01	

**SIGNING & PAVEMENT MARKING PLANS (6)**

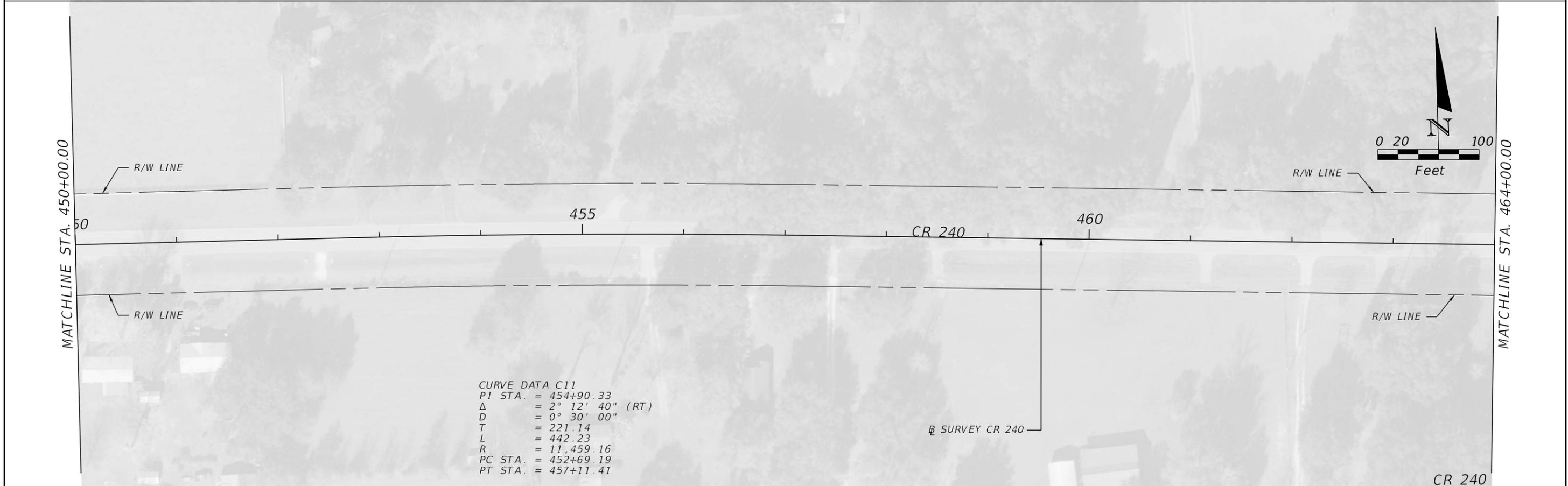
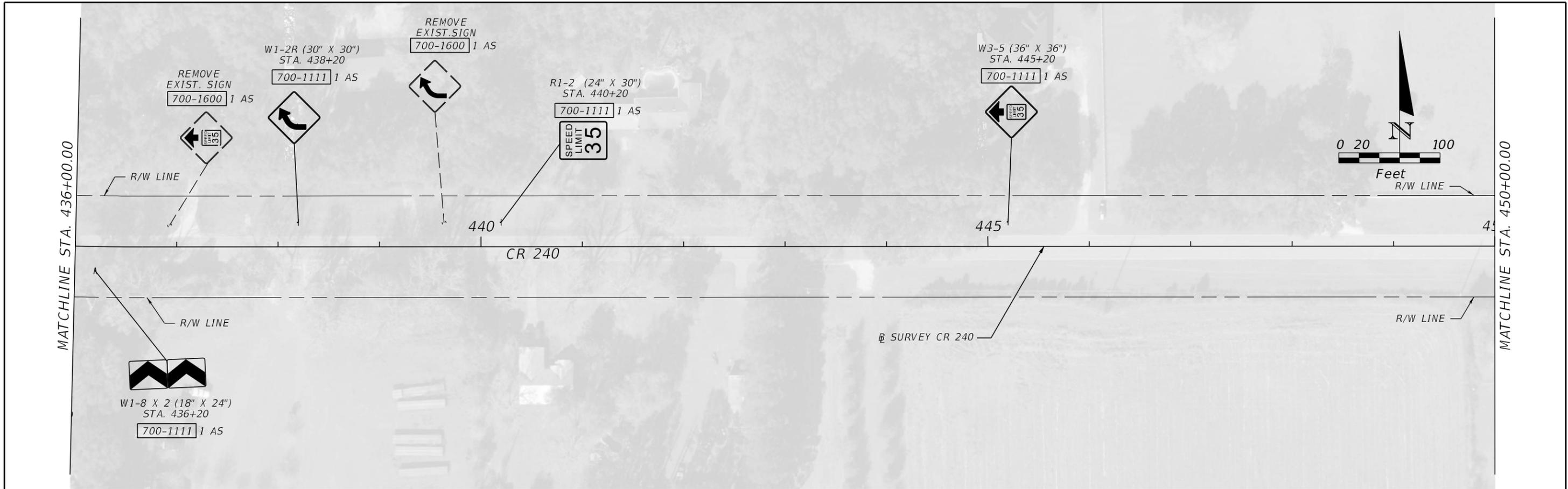
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLANS (7)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 240	COLUMBIA	447473-1-58-01		S-11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





CURVE DATA C11  
 PI STA. = 454+90.33  
 $\Delta$  = 2° 12' 40" (RT)  
 D = 0° 30' 00"  
 T = 221.14  
 L = 442.23  
 R = 11,459.16  
 PC STA. = 452+69.19  
 PT STA. = 457+11.41

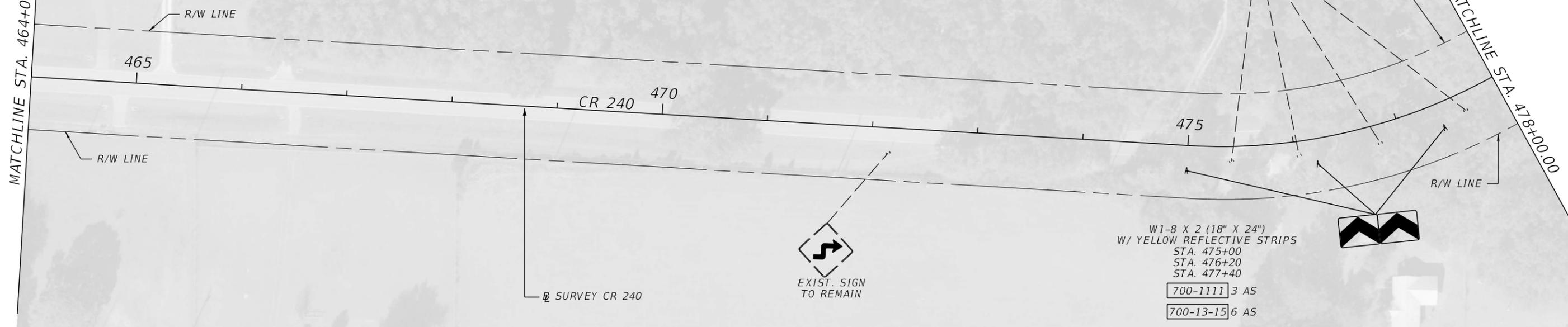
REVISIONS				JAMES A. HOBSON, P.E. P.E. LICENSE NO: 92434 STV INCORPORATED 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLANS (9)</b>	SHEET NO.  S-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				CR 240	COLUMBIA	447473-1-58-01			

CURVE DATA C12  
 PI STA. = 478+15.34  
 $\Delta$  = 61° 10' 19" (LT)  
 D = 10° 45' 28"  
 T = 314.80  
 L = 568.63  
 R = 532.60  
 PC STA. = 475+00.54  
 PT STA. = 480+69.17



MATCHLINE STA. 464+00.00

MATCHLINE STA. 478+00.00



EXIST. SIGN TO REMAIN  
 W1-2R (30" X 30")  
 STA. 483+00  
 700-1111 1 AS

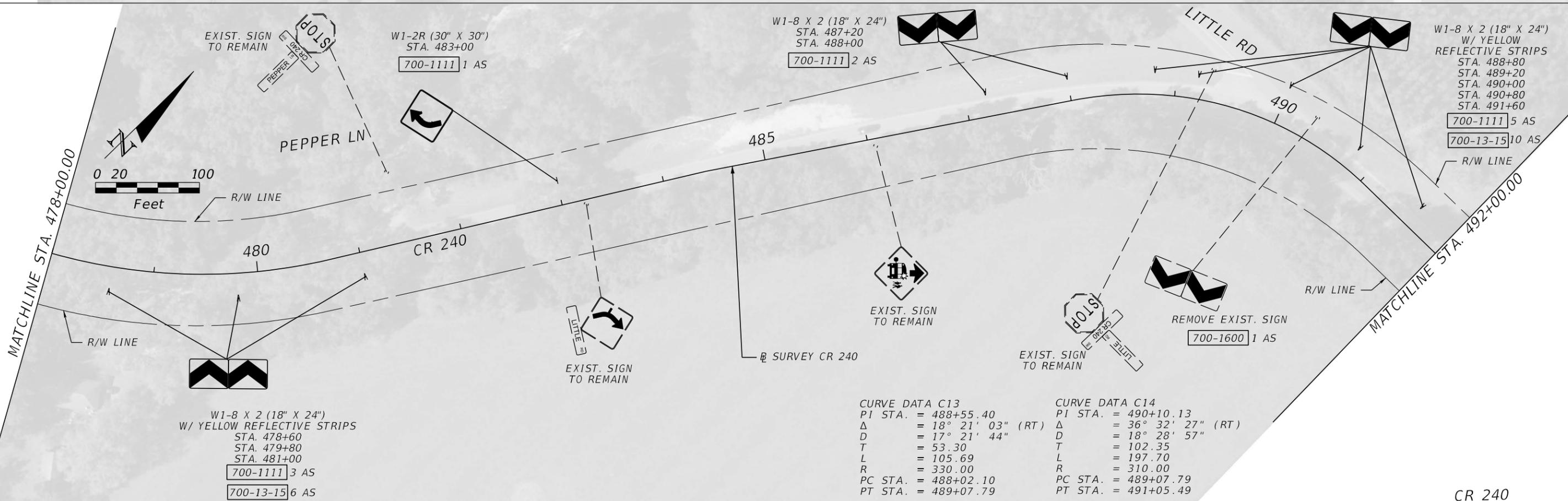
W1-8 X 2 (18" X 24")  
 STA. 487+20  
 STA. 488+00  
 700-1111 2 AS

W1-8 X 2 (18" X 24")  
 W/ YELLOW REFLECTIVE STRIPS  
 STA. 488+80  
 STA. 489+20  
 STA. 490+00  
 STA. 490+80  
 STA. 491+60  
 700-1111 5 AS  
 700-13-15 10 AS



MATCHLINE STA. 478+00.00

MATCHLINE STA. 492+00.00



W1-8 X 2 (18" X 24")  
 W/ YELLOW REFLECTIVE STRIPS  
 STA. 478+60  
 STA. 479+80  
 STA. 481+00  
 700-1111 3 AS  
 700-13-15 6 AS

CURVE DATA C13  
 PI STA. = 488+55.40  
 $\Delta$  = 18° 21' 03" (RT)  
 D = 17° 21' 44"  
 T = 53.30  
 L = 105.69  
 R = 330.00  
 PC STA. = 488+02.10  
 PT STA. = 489+07.79

CURVE DATA C14  
 PI STA. = 490+10.13  
 $\Delta$  = 36° 32' 27" (RT)  
 D = 18° 28' 57"  
 T = 102.35  
 L = 197.70  
 R = 310.00  
 PC STA. = 489+07.79  
 PT STA. = 491+05.49

CR 240

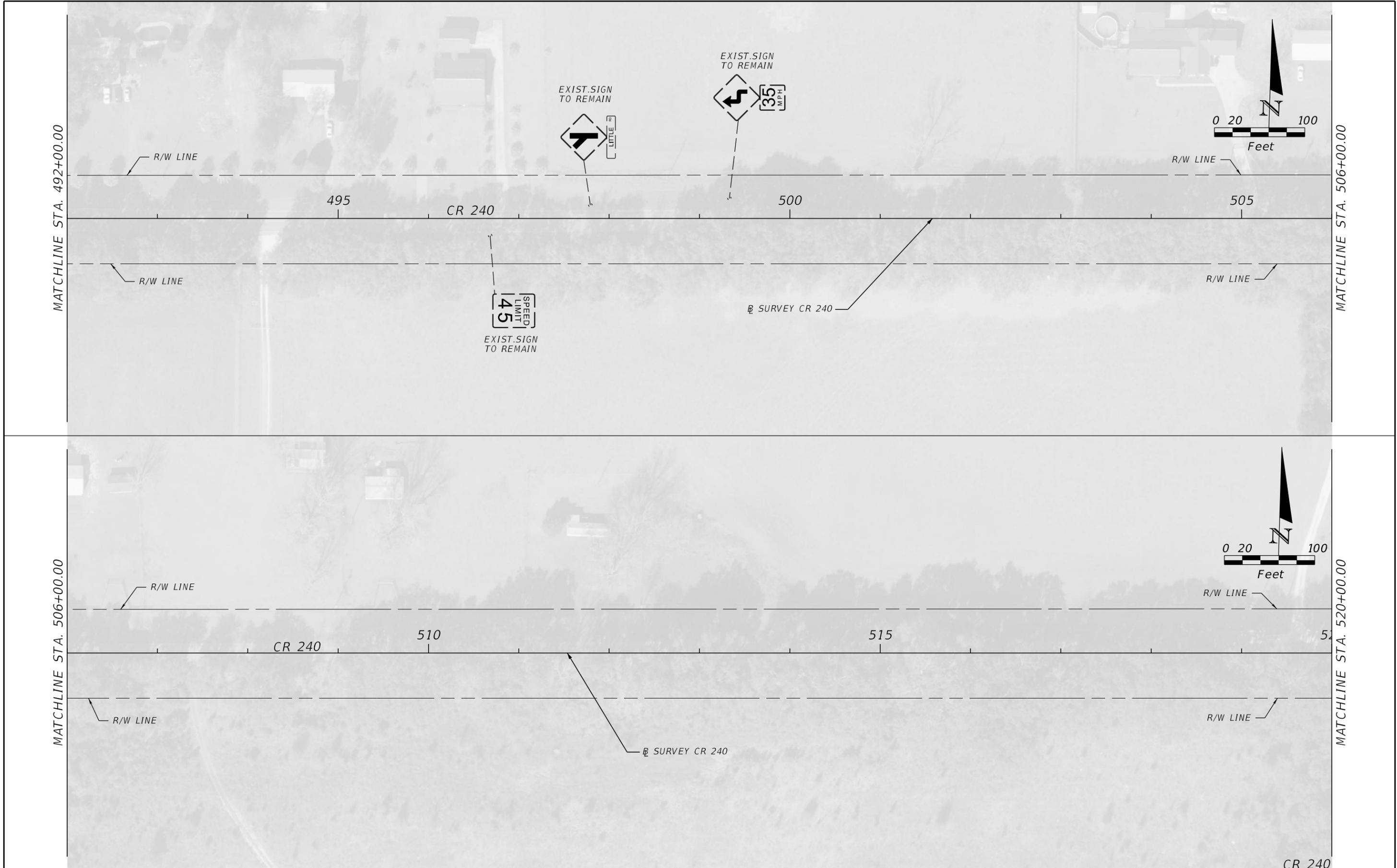
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES A. HOBSON, P.E.  
 P.E. LICENSE NO: 92434  
 STV INCORPORATED  
 5200 BELFORT ROAD, SUITE 400  
 JACKSONVILLE, FL 32256

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 240	COLUMBIA	447473-1-58-01

**SIGNING & PAVEMENT  
MARKING PLANS (10)**

SHEET NO.  
S-14



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

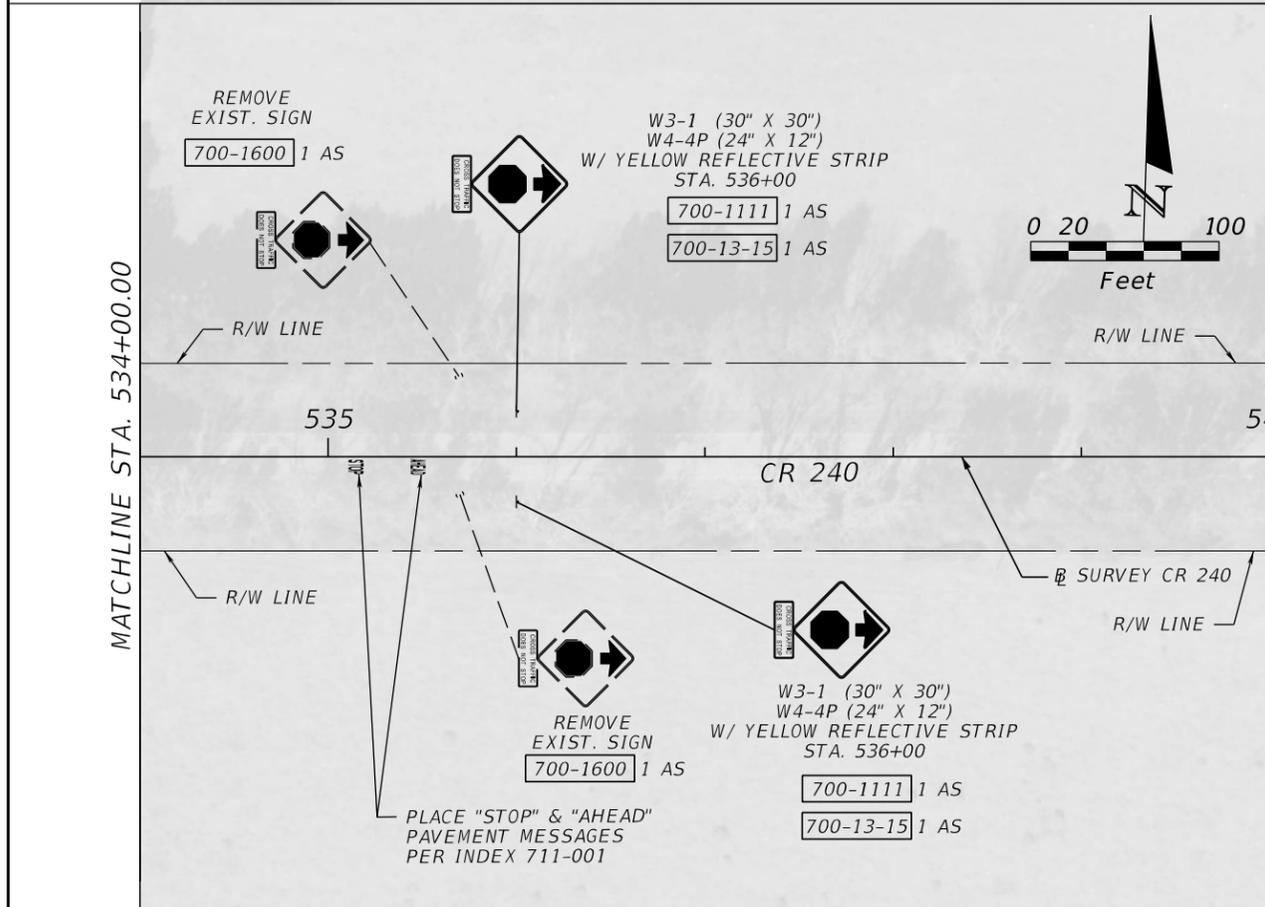
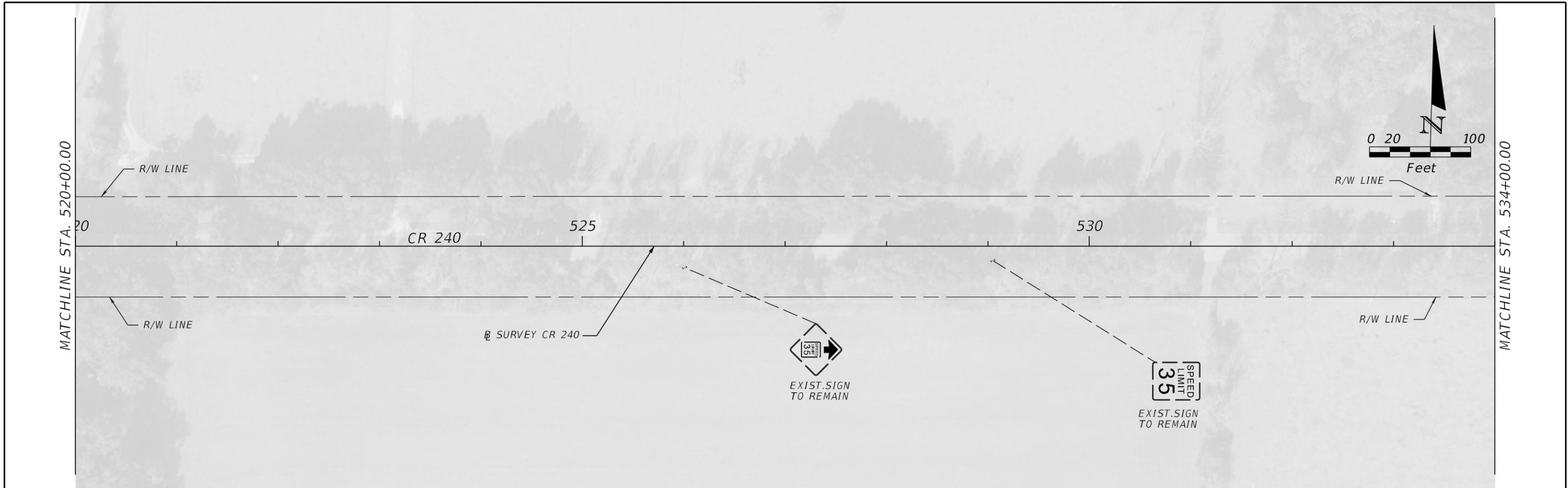
JAMES A. HOBSON, P.E.  
P.E. LICENSE NO: 92434  
STV INCORPORATED  
5200 BELFORT ROAD , SUITE 400  
JACKSONVILLE, FL 32256

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 240	COLUMBIA	447473-1-58-01

**SIGNING & PAVEMENT  
MARKING PLANS (11)**

SHEET NO.  
S-15

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES A. HOBSON, P.E.  
P.E. LICENSE NO: 92434  
STV INCORPORATED  
5200 BELFORT ROAD , SUITE 400  
JACKSONVILLE, FL 32256

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 240	COLUMBIA	447473-1-58-01

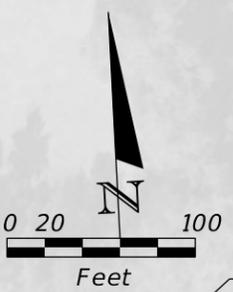
**SIGNING & PAVEMENT  
MARKING PLANS (12)**

SHEET  
NO.  
**S-16**

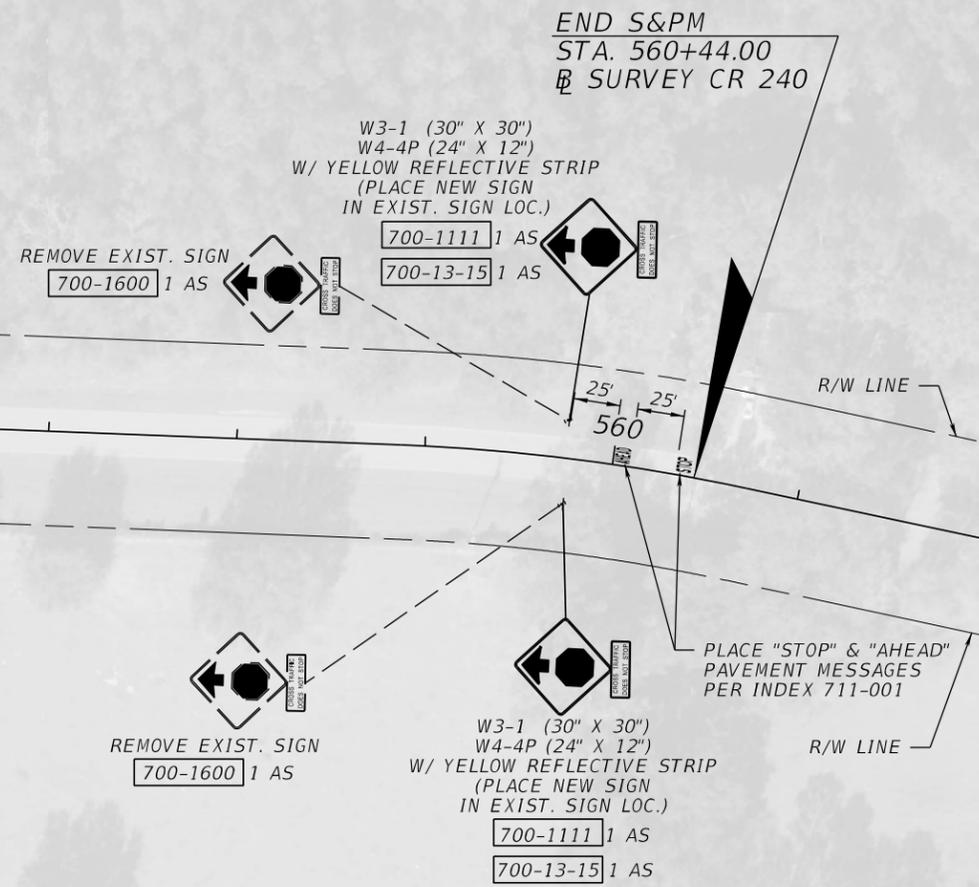
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MATCHLINE STA. 553+00.00



CURVE DATA C16  
 PI STA. = 559+80.03  
 $\Delta$  = 9° 48' 34" (RT)  
 D = 5° 17' 46"  
 T = 92.84  
 L = 185.22  
 R = 1,081.87  
 PC STA. = 558+87.19  
 PT STA. = 560+72.42



CR 240

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES A. HOBSON, P.E.  
 P.E. LICENSE NO: 92434  
 STV INCORPORATED  
 5200 BELFORT ROAD , SUITE 400  
 JACKSONVILLE, FL 32256

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 240	COLUMBIA	447473-1-58-01

**SIGNING & PAVEMENT  
 MARKING PLANS (14)**

SHEET NO.  
 S-18

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**CONTRACT PLANS COMPONENTS**

ROADWAY  
SIGNING & PAVEMENT MARKING  
SIGNALIZATION

*STATE OF FLORIDA*  
**DEPARTMENT OF TRANSPORTATION**

**SIGNALIZATION PLANS**

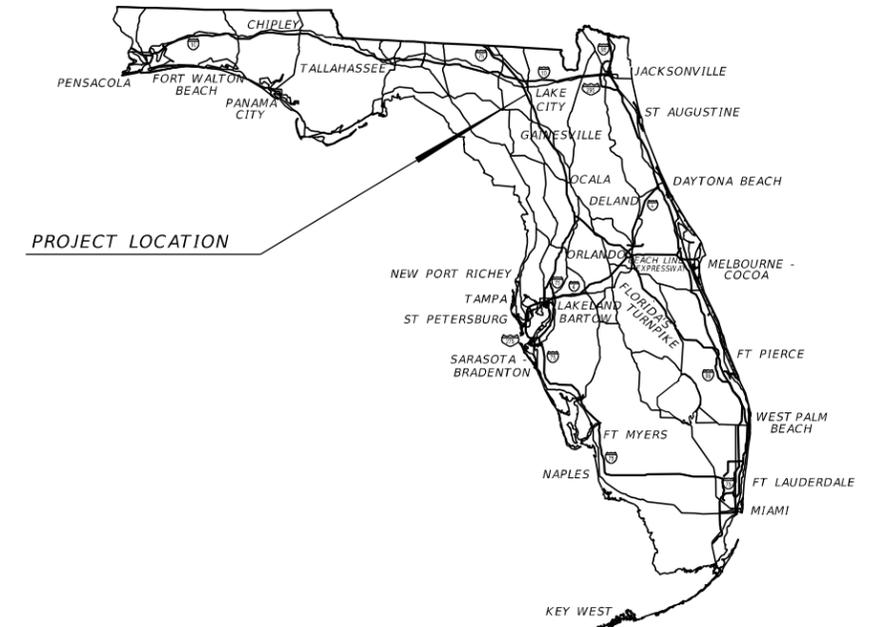
**FINANCIAL PROJECT ID 447473-1-58-01**

**(FEDERAL FUNDS)**

**COLUMBIA COUNTY**

**COUNTY ROAD NO. 240**

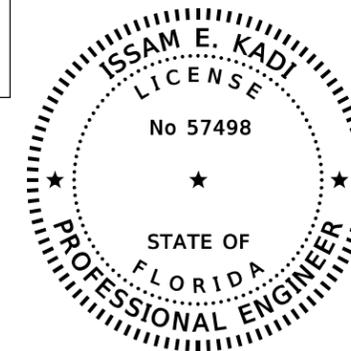
**FROM SR 247 TO CR 131**



**INDEX OF SIGNALIZATION PLANS**

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	GENERAL NOTES
T-3 - T-5	SIGNALIZATION PLAN

<b>PROJECT LOCATION URL:</b>	<a href="https://tinyurl.com/22hsnaen">https://tinyurl.com/22hsnaen</a>
<b>PROJECT LIMITS:</b>	SR 247: STA. 9+66.47 - STA. 12+41.08 CR 240: STA. 246+50.50 - STA. 560+44.00
<b>EXCEPTIONS:</b>	NONE
<b>BRIDGE LIMITS:</b>	NONE
<b>RAILROAD CROSSING:</b>	NONE



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

**Issam Kadi** 2024.01.10  
11:32:10 -05'00'

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.

**SIGNALIZATION PLANS**  
**ENGINEER OF RECORD:**

ISSAM E. KADI, P.E.  
P.E. LICENSE NUMBER 57498  
PETERS AND YAFEE, INC.  
9822 TAPESTRY PARK CIRCLE, SUITE 205  
JACKSONVILLE, FL 32246  
(904) 265-0751  
CONTRACT NO.: CA450  
VENDOR NO.: F263166179-001

**COLUMBIA COUNTY PROJECT MANAGER:**

CHAD WILLIAMS, P.E.

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY 2023-2024 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: N/A

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, FY 2023-2024 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	24	T-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES:

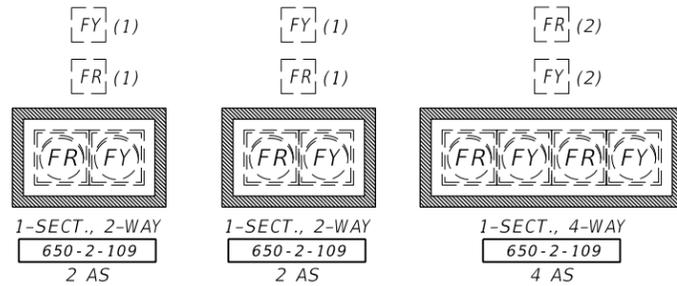
1. NOTIFY THE COLUMBIA COUNTY TRAFFIC OPERATIONS DEPARTMENT AT (386) 984-5940 48 HOURS IN ADVANCE OF BEGINNING SIGNAL WORK TO OBSERVE INSTALLATION IF DESIRED.
2. FIFTEEN MINUTES PRIOR TO INITIATING MOT FOR A LANE CLOSURE, CONTACT THE DISTRICT TWO RTMC AT (904) 903-2000 TO PROVIDE INFORMATION ON THE ROADWAY, DIRECTION OF TRAVEL, AND WHICH LANE(S) WILL BE CLOSED. ONCE THE WORK IS COMPLETE AND LANES ARE REOPENED, CONTACT THE DISTRICT TWO RTMC WITHIN THIRTY MINUTES TO NOTIFY THEM THAT THE CLOSURES HAVE BEEN REMOVED.

PAY ITEM NOTE:

634-4-152: INCLUDES THE COST TO FURNISH AND INSTALL NEW MESSENGER WIRE ONLY; EXISTING CATENARY WIRE TO REMAIN. INCLUDES THE COST TO REATTACH EXISTING SIGNAL HEADS AND SIGN TO NEW MESSENGER WIRE. INCLUDES THE COST TO REMOVE AND DISPOSE OF EXISTING MESSENGER WIRE.

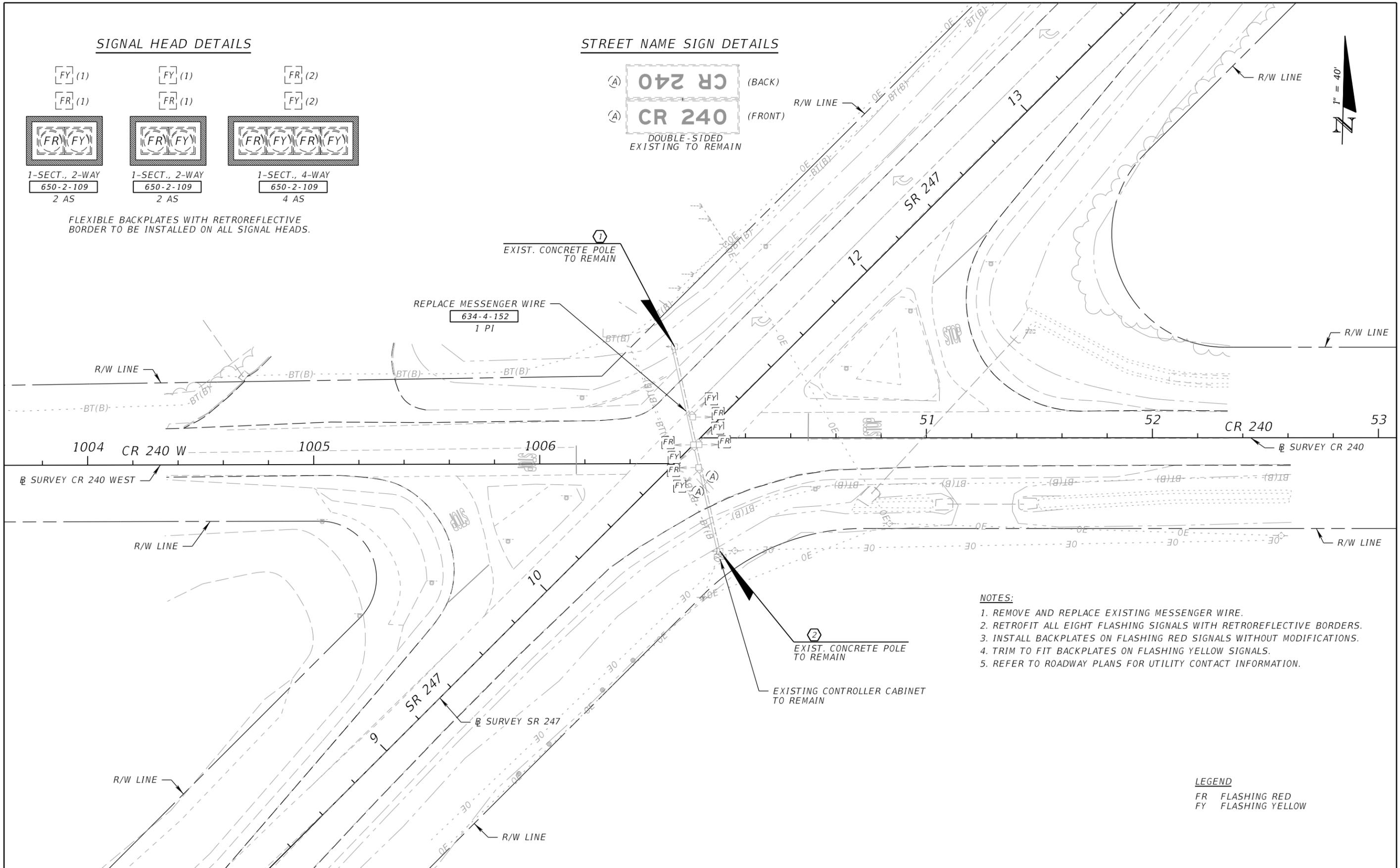
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>GENERAL NOTES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ISSAM E. KADI, P.E. LICENSE NUMBER 57498 PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-2
								CR 240		COLUMBIA

**SIGNAL HEAD DETAILS**



FLEXIBLE BACKPLATES WITH RETROREFLECTIVE BORDER TO BE INSTALLED ON ALL SIGNAL HEADS.

**STREET NAME SIGN DETAILS**



**NOTES:**

1. REMOVE AND REPLACE EXISTING MESSENGER WIRE.
2. RETROFIT ALL EIGHT FLASHING SIGNALS WITH RETROREFLECTIVE BORDERS.
3. INSTALL BACKPLATES ON FLASHING RED SIGNALS WITHOUT MODIFICATIONS.
4. TRIM TO FIT BACKPLATES ON FLASHING YELLOW SIGNALS.
5. REFER TO ROADWAY PLANS FOR UTILITY CONTACT INFORMATION.

**LEGEND**

FR FLASHING RED  
FY FLASHING YELLOW

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  T-3
DATE	DESCRIPTION	DATE	DESCRIPTION	ISSAM E. KADI, P.E. LICENSE NUMBER 57498 PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						CR 240	COLUMBIA	447473-1-58-01	

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**SIGNAL HEAD DETAILS**



FLEXIBLE BACKPLATES WITH RETROREFLECTIVE BORDER TO BE INSTALLED ON ALL SIGNAL HEADS.

**STREET NAME SIGN DETAILS**



**NOTE:**  
1. REFER TO ROADWAY PLANS FOR UTILITY CONTACT INFORMATION.

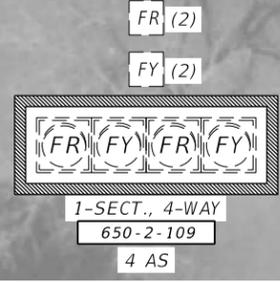
**LEGEND**

FR	FLASHING RED
FY	FLASHING YELLOW

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  T-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ISSAM E. KADI, P.E. LICENSE NUMBER 57498 PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						CR 240	COLUMBIA	447473-1-58-01	

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**SIGNAL HEAD DETAILS**



FLEXIBLE BACKPLATES WITH RETROREFLECTIVE BORDER TO BE INSTALLED ON ALL SIGNAL HEADS.



**NOTES:**

1. RETROFIT ALL FOUR FLASHING SIGNALS WITH RETROREFLECTIVE BORDERS.
2. INSTALL BACKPLATES ON FLASHING RED SIGNALS WITHOUT MODIFICATIONS.
3. TRIM TO FIT BACKPLATES ON FLASHING YELLOW SIGNALS.
4. REFER TO ROADWAY PLANS FOR UTILITY CONTACT INFORMATION.

**LEGEND**

- FR FLASHING RED
- FY FLASHING YELLOW

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ISSAM E. KADI, P.E. LICENSE NUMBER 57498 PETERS AND YAFFEE, INC. 9822 TAPESTRY PARK CIRCLE, SUITE 205 JACKSONVILLE, FL 32246		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CR 240	COLUMBIA	447473-1-58-01		T-5