



ALACHUA COUNTY

ROAD AND BRIDGE CONSTRUCTION AGREEMENT FOR INVITATION TO BID NO. 23-933

LAP PROJECT NO. 439499-1-58-01

PROJECT NO. 9177912

AGREEMENT NO. 13453

**SW 170TH STREET (CR241) WIDEN & RESURFACE – FROM LEVY COUNTY LINE TO
SOUTH OF ARCHER - LAP**

CONSTRUCTION AGREEMENT NO. 13453 BETWEEN ALACHUA COUNTY AND WATSON CONSTRUCTION COMPANY, LLC FOR INVITATION TO BID NO. 23-933 – PROJECT NO. 9177912 – FOR SW 170TH STREET (CR241) WIDEN & RESURFACE – FROM LEVY COUNTY LINE TO SOUTH OF ARCHER - LAP

THIS AGREEMENT made and entered into by and between Watson Construction Company, LLC, a Florida limited liability corporation, whose principal business address is 940 NW 247th Dr. , Newberry, FL 32669, (hereinafter referred to as “Contractor”), and Alachua County, charter county and political subdivision of the State of Florida, by and through its Board of County Commissioners, (hereinafter referred to as “County”) (collectively, the County and Contractor are hereinafter referred to as the “Parties”).

WITNESSETH:

WHEREAS, the County issued Invitation to Bid No. 23-933 seeking the bids from road construction contractors to furnish all labor, materials, equipment and apparatus for the construction of milling and resurfacing the existing roadway, widening, paving existing driveways and turn-outs, replacing damaged side drains and cross drains, installing appropriate end treatments, and updating signing and pavement markings, *in Alachua County, Florida*; and

WHEREAS, after evaluating and considering all timely responses to Invitation to Bid No. 23-933, the County identified the Contractor as the lowest price, responsive, responsible bidder; and

WHEREAS, the County desires to contract with the Contractor to provide the work described in Invitation to Bid No. 23-933 and the Contractor desires to perform such work for the County in accordance with the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged by the Parties, the Parties hereby agree as follows:

1 **THE WORK.** That the Contractor shall furnish all labor, material, equipment, apparatus and services covered by **Exhibit 1: Non-Technical Specifications** attached hereto and incorporated by reference, **Exhibit 2: Technical Specifications** attached hereto and incorporated by reference, and **Exhibit 13: Alachua County Public Works Contract Plans, Financial Project ID 439499-1-58-01 (Federal Funds), Alachua County, SW 170th Street from Levy County to South of Archer**, Final Plans dated September 5 (the “Plans”) for *Invitation to Bid No. 23-933, Project No: 9177912, “SW 170th Street (CR241) Widen & Resurface – From Levy County Line to South of Archer - LAP”* attached hereto and incorporated by reference, hereinafter collectively referred to as “Contract Documents and Specifications”, which shall include all incidental and necessary work thereto (the “Work”). All Work shall be performed and completed in accordance with the Contract Documents and Specifications. The Contract Documents and Specifications are made part of this Agreement as set forth herein. The Contractor acknowledges that it has received the Contract Documents and Specifications.

2 **CONTRACT PRICE.**

2.1 The awarded Agreement consists of the Contract Amount of Three Million, Four Hundred Eighty-Five Thousand, Five Hundred Seventy-Six Dollars and Fifty Cents (\$3,485,576.50) plus a Contingency of One Hundred Seventy-Four Thousand, Two Hundred Seventy-Eight Dollars and Eighty-Three Cents (\$174,278.83).

2.2 The Work includes both Lump Sum items and Unit Price items. For performing the Work, the Contractor shall be paid a sum that SHALL NOT EXCEED Three Million, Four Hundred Eighty-

Five Thousand, Five Hundred Seventy-Six Dollars and Fifty Cents (\$3,485,576.50) (the “Contract Amount”), unless a Change Order or Amendment is issued in accordance this Agreement. Invoices and payments shall be allocated as provided in the Schedule of Values, attached hereto and incorporated by reference as **Exhibit 8**. The Contractor shall invoice the County at the prices set forth in **Exhibit 8**, and the County shall pay the Contractor, only for the actual quantities of Work performed or materials furnished in accordance with this Agreement. The Parties agree that the Estimated Quantities set forth in **Exhibit 8** may be increased or decreased as provided in this Agreement without, in any way, changing or invalidating the any of the Unit or Lump Sum prices set forth in **Exhibit 8**.

- 2.3. The County shall establish a contingency fund in an amount that SHALL NOT EXCEED One Hundred Seventy-Four Thousand, Two Hundred Seventy-Eight Dollars and Eighty-Three Cents (\$174,278.83) (hereinafter, the “Contingency”).
- 2.4. Contingency funds shall be used to cover costs that may result from incomplete design, increases to the Estimated Quantities, and unanticipated costs that arise during construction that are not identified by the Construction Documents and Specifications. Contractor shall not proceed with any portion of the Work which it intends to charge against the Contingency without first informing the County that it intends to request Contingency funds to perform that portion of the Work and obtaining County’s express written authorization to proceed prior to commencing that portion of the Work.
- 2.5 The Contractor acknowledges and agrees that any Work which is to be charged against the Contingency that does not receive such prior written approval from the County shall be deemed to be part of Contractors Work compensated within the Contract Amount and not chargeable against the Contingency. The Owner reserves the right, at its sole discretion, to withhold its consent on Contingency expenditures. Further, any Contingency expenditure becomes part of the Contract Documents and is incorporated by reference herein. County approved, but unused Contingency remaining at the end of the job will be credited from the Contract Amount. Construction Manager has no entitlement to any portion of any unused Contingency.
- 2.6 County received a LAP Agreement under the Local Agency Program Agreement Number G1L27 (the “Grant”) administered by the State of Florida, Department of Transportation (the “FDOT”), a copy of which is attached hereto as **Exhibit 12** (hereinafter, the “Grant Award Agreement”) and incorporated by reference into this Agreement; and the Parties agree to the following:
- 2.7 Contractor agrees to be bound by the terms of the Grant Award Agreement, all applicable state and federal laws and regulations, and shall hold the FDOT and the County harmless against all claims of whatever nature arising out of the Contractor’s performance of the Work, to the extent allowed and required by law; and
- 2.8 The purpose of the Grant is for the construction and oversight of construction of widening and resurfacing SW 170th Street (CR 241) from the Levy County line to South of Archer; and,
- 2.9 County intends to use the funding available under the Grant for the construction and oversight of construction of widening and resurfacing SW 170th Street (CR 241) from the Levy County line to South of Archer as more particularly described in the Agreement and the Grant; and
- 2.10 Parties acknowledge and agree that the Grant constitutes the sole and exclusive source of funding for the Technical Specifications to be performed under this Agreement; and
- 2.11 The Grant requires that all construction work **must achieve Final Completion by no later than March 30, 2025**; and
- 2.12 Contractor warrants and represents that it shall achieve Final Completion of all Work under this Agreement by no later than **March 30, 2025**, and the Contractor further represents and warrants that it assumes and accepts ALL RISKS associated with its ability to achieve Final Completion by **March 30, 2025**, including but not limited to foreseeable and unforeseeable events regardless of whether they are within or outside of the control of one or more of the Parties; and
- 2.13 In the event the Contractor does not achieve Final Completion of the Work by **March 30, 2025**,

the County will be damaged in that it will not be eligible to receive funding under the Grant and, in turn, the Contractor shall not be entitled to receive any payment whatsoever for performing the Work.

3 **GENERAL CONDITIONS**

- 3.1 That it is agreed by both Parties hereto that progress payments and final payment for Work performed will be made in accordance with the provisions as stipulated in the NTP and the Scope of Work/Technical Specification attached hereto and incorporated by reference as Exhibit 2. In case of conflict in payment terms, the terms in the NTP shall prevail.
- 3.2 It is agreed by both Parties hereto that five percent (5%) of the amount earned through each progress payment shall be withheld by the County. The retainage shall be paid to the Contractor pursuant to Section 3.3.
- 3.3 Within thirty (30) days of Substantial Completion of the Work as defined herein, or if not defined upon reaching beneficial occupancy or use, Contractor and County will develop a list (the "List") of items required to achieve final completion of the Work. The List shall include the estimated cost of completion of each item on the List. Contractor will provide a first draft of the List within five (5) days of notice of Substantial Completion. The County will notify Contractor of acceptance or of any changes requested within ten (10) days of receipt of the draft List. The County shall deliver the final List to the Contractor no later than five (5) days after it has been developed as set forth above. The failure to include on the List any corrective work or pending items not yet completed does not alter, waive or release Contractor of its responsibility to complete such corrective work, pending items, or any other Work pursuant to the Agreement. Within twenty (20) business days after the list is created, the County shall pay the Contractor the remaining contract balance that includes all retainage previously withheld by the County less an amount equal to one hundred fifty percent (150%) of the estimated cost to complete the items on the list. Upon completion of all items on the List, Contractor may apply for Final Payment for all remaining retainage withheld by the County. If a good faith dispute exists as to whether one or more items identified on the List have been completed pursuant to this Agreement, the County may continue to withhold an amount equal to one hundred and fifty percent (150%) of the total cost to complete such items until Contractor has rendered complete, satisfactory and acceptable to the County such items. All items that require correction under the Agreement and that are identified after the preparation and delivery of the List remain the obligation of Contractor. This section is intended to comply with the provisions of Section 218.735, Florida Statutes; in the event of any conflict, Florida law will prevail over this section.
- 3.4 If the County fails to develop the list in the time specified, the Contractor may request payment for all retainage held by the County, less any amounts withheld for incomplete or uncorrected Work. If the Contractor fails to cooperate with the County in developing The List, or obligations under The List, the County shall notify the Contractor in writing of its failure to cooperate in developing The List and the County shall not be obligated to pay the retainage.
- 3.5 The County shall not be obligated to make payment to the Contractor for amounts that are the subject of, or release retainage related to, a good faith dispute or a claim brought pursuant to §255.05, Florida Statutes.
- 3.6 Once all items on The List have been completed, the Contractor may request the remaining retainage from the County. In cases of a dispute as to completion of an item on the List, the County may withhold an amount not to exceed 150% of the total cost to complete disputed items.
- 3.7 The FHWA-1273 Electronic version, dated October 23, 2023, is posted on FDOT'S website at the following URL address <http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Files/FHWA1273.pdf>. The Contractor shall obtain this information and comply with all requirements posted on this website up through five calendar days before the opening of bids. The Contractor shall comply with the

provisions contained in FHWA-1273. If FDOT's website cannot be accessed, contact the FDOT's Specifications Office Web Coordinator at (850) 414-4101. The FHWA 1273 must be included verbatim in the final executed contract for all federally funded construction agreements and all subcontractor agreements. FHWA 1273 is hereby incorporated in this Agreement as **Exhibit 9**.

- 3.8 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 Wage Rate Decision Number FL20230157, as modified up through ten days prior to the opening of bids. Obtain the applicable General Decision(s) (Wage Tables) through the FDOT's Office of Construction website and ensure that employees receive the minimum compensation applicable. Review the General Decisions for all classifications necessary to complete the project. Request additional classifications through the Engineer's office when needed. For guidance on the requirements for the payment of wages and benefits and the submittal of certified payrolls, and for general guidance and examples of multiple wage rates when assigned to a Contract, refer to the FDOT's Office of Construction website. Questions regarding wage rates and the applicability of wage tables should be submitted to the County Engineer or his representative. Contact the FDOT's Prevailing Wage Rate Coordinator at (850) 414-4688 if FDOT's website cannot be accessed or if there are questions. FL20230157 is hereby incorporated in this Agreement as **Exhibit 10**.
- 3.9 Title VI Non-Discrimination Assurance – DOT 1050.2A, Appendices A and E are hereby incorporated in this Agreement as **Exhibit 11**.
- 3.10 The Contractor shall comply with all laws, ordinances, regulations and building code requirements applicable to the Work contained in this Agreement. The Contractors shall 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 Contractor will in no way relieve it of responsibility. The Contractor shall 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.

4 **CONTRACT TIME AND DAMAGES**

- 4.1 It is agreed by both Parties that **TIME IS OF THE ESSENCE** for the completion of the Work. The Contract Time shall begin as set forth within the issuance of a Notice to Proceed to the Contractor by the County. Contract Time for Substantial Completion is 120 Working Days, as defined in Contract Documents and Specifications, from the Contractor's receipt of the Notice to Proceed. Contract Time for Final Completion is 25 working days from the date the County delivers the final List to the Contractor as provided in section 3.3, above, unless extended in accordance with §218.735(7)(c), Florida Statutes.
- 4.2 Inasmuch as failure to complete the Work within the time herein fixed will result in substantial injury to the County and whereas damages arising from such failure cannot be calculated with any degree of certainty, it is hereby agreed that if such Work has not reached Substantial Completion as herein defined or within such further time, if any, as shall be allowed for such performance of Substantial Completion in accordance with the provisions of this Agreement, the Contractor shall pay the County as liquidated damages and not as a penalty the sum of One Thousand, Two Hundred Forty-One Dollars and Zero Cents (\$1,241.00) per day for each and every working day after the date fixed for Substantial Completion.
- 4.3 Inasmuch as failure to complete the Work within the time herein fixed will result in substantial injury to the County and whereas damages arising from such failure cannot be calculated with any degree of certainty, it is hereby agreed that if such Work has not reached Final Completion as herein defined or within such further time, if any, as shall be allowed for such performance of Final Completion in accordance with the provisions of this Agreement, the Contractor shall pay the

County as liquidated damages and not as a penalty the sum of One Thousand, Two Hundred Forty-One Dollars and Zero Cents (\$1,241.00) per day for each and every working day after the date fixed for Final Completion.

5 **PERFORMANCE AND PAYMENT BONDS**

5.1 Within ten (10) business days after signature of this Agreement by the Parties, Contractor shall provide Owner with Payment and Performance Bonds, in the forms prescribed as **Exhibits 3 & 4**, in the amount of 100% of the total sum of the Contract Amount, the costs of which are to be paid by the Contractor.

5.2 If the surety for any bond furnished by the 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 minimum requirements noted above and County's approval.

5.3 In accordance with the requirements of §255.05(1)(a), Florida Statutes, the Contractor shall record a copy of the Performance and Payment Bonds in the Public Records of Alachua County, Florida, prior to performing any Work under this Agreement. The Contractor shall deliver a certified copy of the recorded Performance and Payment Bonds to the County at least five (5) days prior to performing any Work under this Agreement. The Contractor shall not perform any Work under this Agreement prior to recording said bonds. The timely delivery of the certified copy of the recorded Performance and Payment Bonds is a condition precedent to County's obligation to make any payments to the Contractor hereunder.

6 **NOTICES** - Except as otherwise provided in this Agreement any notice of default or termination from either party to the other party must be in writing and sent by certified mail, return receipt requested, or by personal delivery with receipt. All notices shall be deemed delivered two (2) business days after mailing, unless deliver is by personal delivery in which case delivery shall be deemed to occur upon actual receipt by the other party. For purposes of all notices, Contractor's and County representative are:

County:

Alachua County Public Works
5620 NW 120th Lane
Gainesville, FL 32653
Attn: Public Works Director
tstrom@alachuacounty.us

Contractor:

Watson Construction Company, LLC
940 NW 247th Dr.
Newberry, FL 32669
jwalsh@watsonconstruct.com

A copy of any notice, request or approval to the County must also be sent to:

J.K. "Jess" Irby, Esq.
Clerk of the Court
12 SE 1st Street
Gainesville, FL 32601
Attn: Finance and Accounting

dmw@alachuaclerk.org

And

Procurement Office
12 SE 1st Street, 3rd Floor
Gainesville, Florida 32601
Attn: Contracts
acpur@alachuacounty.us

7. **RELEASE OF CLAIMS.** It is agreed that when all Work contemplated by this Agreement has reached Final Completion and has been inspected and approved by the County, or the County's authorized representatives, the Contractor shall furnish to the County the Contractor's Final Affidavit in the form attached hereto as **Exhibit 5**, or other such release as provided for in §255.05, Florida Statutes, and agreed to by the County. Submission of the Contractor's invoice for final payment shall further constitute the Contractor's representation to the County that all obligations of the Contractor to others, including but not limited to its consultants, subcontractors, and suppliers, incurred in connection with the Work, have been paid in full and Contractor shall include executed and notarized Waivers of Right to Claim against the Payment Bond, in the form attached hereto as **Exhibit 6**, from all persons defined in §713.01, Florida Statutes, who furnished labor, services, or materials for the prosecution of the Work provided for in this Agreement, unless the Contractor provides the County with a written consent from the surety regarding the Work or the payment in question.
8. **GOVERNING ORDER OF DOCUMENTS**
- 8.1 In cases of discrepancy, the governing order of the documents is as follows:
- 8.1.1 Amendments and Change orders;
 - 8.1.2 This Agreement;
 - 8.1.3 Technical Specifications, *Special Conditions*, for Invitation to Bid No. 23-933 (**Exhibit 2**);
 - 8.1.4 Non-Technical Specifications, *General Conditions*, for Invitation to Bid No. 23-933 (**Exhibit 1**);
 - 8.1.5 Plans for Invitation to Bid No. 23-933 (**Exhibit 12**);
 - 8.1.6 Contractor's Bid Submittal.
9. **INDEMNIFICATION**
- 9.1. To the maximum extent permitted by Florida law, but subject to the monetary limitation that the extent of the Contractor's indemnification obligation shall not exceed One Million Dollars and Zero Cents (\$1,000,000.00), the Contractor agrees to indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Contractor and other persons employed or utilized by the Contractor in the performance of the Agreement. Contractor agrees that indemnification of the County shall extend to any and all work performed by the Contractor, its subcontractors, employees, agents, servants or assigns.
- 9.2. The Contractor obligation to indemnify 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.
- 9.3. 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 Agreement between the County and the Contractor. Nothing contained in this paragraph is intended to nor shall it constitute a waiver of the State of Florida and the Agency's sovereign immunity.

- 9.4. 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/Professional or any Subcontractor under workers' compensation acts, disability benefit acts or employee benefit acts.
- 9.5. Nothing contained in this paragraph is intended to nor shall it constitute a waiver of the State of Florida and the County's sovereign immunity or the provisions or limits of liability of §768.28, Florida Statutes.

10. **PUBLIC RECORDS** In accordance with §119.0701, Florida Statutes, Contractor, *when acting on behalf of the County*, shall, as required by Florida law:

- 10.1. Keep and maintain public records required by the County to perform the Services.
- 10.2. 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 Florida law or as otherwise provided by law.
- 10.3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the term of this Agreement and following completion of the Agreement if Contractor does not transfer the records to the County.
- 10.4. Upon completion of the Agreement, transfer, at no cost, to the County all public records in possession of Contractor or keep and maintain public records required by the County to perform the Services. If Contractor transfers all public records to the County upon completion of the Agreement, Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If Contractor keeps and maintains public records upon completion of the Agreement, Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the County's information technology systems.

IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE COUNTY'S PUBLIC RECORDS CUSTODIAN AT publicrecordsrequest@alachuacounty.us OR (352) 264-6906 OR 12 SE 1ST STREET, GAINESVILLE, FL 32601.

- 10.5. If Contractor fails to comply with this section, Contractor will be deemed in default under this Agreement. The County may enforce as set forth in §119.0701, Florida Statutes. Contractor who fails to provide the public records in response to a request within a reasonable time may be subject to penalties imposed under §119.10, Florida Statute, and costs of enforcement, including fees, under §119.0701 and §119.12, Florida Statutes.
- 10.6. Contractor will take reasonable measures to protect, secure and maintain any data held by Contractor in an electronic form that is or contains exempt, confidential, personal information or protected information, as defined by Florida or federal law, related to or in connection with performance of the Services. If Contractor suspects or becomes aware of a security breach or

unauthorized access to such data by a third party, Contractor shall immediately notify the County in writing and will work, at Contractor's expense, to prevent or stop the data breach

- 11 **INSURANCE** Throughout the term of this Agreement, the Contractor shall provide insurance of the types and in the amounts set forth in **Exhibit 7**. The Contractor shall also require any subcontractors to provide insurance as set forth in **Exhibit 7**. A current copy of the Contractor Certificate of Insurance showing coverage of the types and in the amounts required is attached hereto as **Exhibit 7-A**.
- 12 **SEVERABILITY AND AMBIGUITY** It is understood and agreed by the Parties to this Agreement that if any of the provisions of the Agreement shall contravene or be invalid under the laws of the State of Florida, such contravention or invalidity shall not invalidate the entire Agreement, but it shall be construed as if not containing the particular provision or provisions held to be invalid, and the rights and obligations of the Parties shall be construed and enforced accordingly. In the event an ambiguity or question of intent or interpretation arises, this Agreement shall be construed as if jointly drafted by the Parties and no presumption, inference, or burden of proof shall arise favoring or disfavoring a Party by virtue or authorship of any or all of the Agreement's provisions. Each Party represents and agrees that it has had the opportunity to seek the advice of appropriate professions, including legal professionals, in the review and execution of this Agreement.
- 13 **AMENDMENT** This Agreement may be amended by mutual written agreement of the Parties hereto. Further, this Agreement, including without limitation all changes in the maximum indebtedness, scope of services, time of completion, and other material terms and conditions, may be changed only by such written amendment.
- 14 **INDEPENDENT CONTRACTOR** In the performance of this Agreement, the Contractor will be acting in the capacity of an independent Contractor, and not as an agent, employee, partner, joint venture, or associate of the County. The Contractor shall be solely responsible for the means, methods and techniques, sequences and procedures utilized by the Contractor in the full performance of this Agreement. Neither Contractor nor anyone employed by Contractor shall represent, act, purport to act, or to be deemed to be the agent, representative, employee or servant of the County.
- 15 **CHOICE OF LAW** The laws of the State of Florida shall govern this Agreement and the duties and obligations stated within this Agreement. Sole and exclusive venue for all actions arising under this Agreement shall be in Alachua County, Florida.
- 16 **COMPLETE AGREEMENT** This Agreement contains the sole and entire agreement between the County and the Contractor and supersedes any other written or oral agreements between them not incorporated herein.
- 17 **NON-WAIVER** The failure of any party to exercise any right in this Agreement will not waive such right in the event of any further default or non-compliance.
- 18 **SUCCESSORS AND ASSIGNS** The Contractor shall not assign its rights hereunder, excepting its right to payment, nor shall it delegate any of its duties hereunder without the written consent of the County. Subject to the provisions of the preceding sentence, each party hereto binds itself, its successors, assigns and legal representatives to the other and to the successors, assigns and legal representatives of such other party. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the County, nor shall it be construed as giving any right or benefit hereunder to anyone other than the County or the Contractor.
- 19 **NO THIRD-PARTY BENEFICIARIES** Nothing contained herein shall create any relationship, contractual or otherwise, with, or any rights in favor of, any third party.
- 20 **MODIFICATIONS** 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.

21 **WAIVERS OF CLAIMS AND CONTINUING OBLIGATIONS**

21.1 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 Alachua County Public Works 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. The acceptance of Final Payment shall constitute a waiver of all claims by the Contractor against the County, other than those previously made in writing and still unsettled.

22 **DEFAULT AND TERMINATION**

22.1 The failure of the Contractor to comply with any provision of this Agreement will place the Contractor in default. Prior to terminating the Agreement, the County will notify the Contractor in writing. This notification will make specific reference to the provision which gave rise to the default. The County will give the Contractor seven (7) days to cure the default or develop a plan and timeline acceptable to the County to cure the default. The County Engineer is authorized to provide written notice of default on behalf of the County, and if the default situation is not corrected within the allotted time, the Department is authorized to provide final termination notice on behalf of the County to the Contractor.

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

22.3 If funds to finance this Agreement become unavailable, the County may terminate the Agreement with no less than twenty-four hours' notice in writing to the Contractor. The County will be the final authority as to the availability of funds. The County will pay the Contractor for all Work completed prior to any notice of termination.

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

23 **COUNTY'S RIGHT TO TERMINATE**

23.1 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 County 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 Agreement 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.

- 23.2 Where the Agreement has 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.
- 23.3 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.

24 **WORKPLACE VIOLENCE**

24.1 Employees of the Contractor 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 Contractor's employee.

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

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

25 **DUTIES AND OBLIGATIONS** The rights and remedies available hereunder, and, in particular without limitation, the warranties, guarantees and obligations imposed upon the Contractor by Agreement No. 13453 and the rights and remedies available to the County thereunder, shall be in addition to and not a limitation of any otherwise imposed or available law, by special guarantee or other provisions of the Contract Documents and Specifications.

26 **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.

27 **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.

28 **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. The Contractor shall commit no public nuisance.

29 **ELECTRONIC SIGNATURES** The Parties agree that an electronic version of this Agreement shall have the same legal effect and enforceability as a paper version. The Parties further agree that this Agreement, regardless of whether in electronic or paper form, may be executed by use of electronic signatures. Electronic signatures shall have the same legal effect and enforceability as manually written signatures. The County shall determine the means and methods by which electronic signatures may be used to execute this Agreement and shall provide the Contractor with instructions on how to use said method. Delivery of this Agreement or any other document contemplated hereby bearing an manually written or electronic signature by facsimile transmission (whether directly from one facsimile device to another by means of a dial-up connection or whether mediated by the worldwide web), by electronic mail in "portable document format" (".pdf") form, or by any other electronic means intended to preserve the original graphic and pictorial appearance of a document, will have the same effect as physical delivery of the paper document bearing an original or electronic signature.

- 30 **E-VERIFY**. Pursuant to F.S. sec. 448.095, Contractor shall register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the Contractor during the term of the Agreement. Contractor shall require any subcontractors performing work or providing Services under this Agreement to register and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the subcontractor during the term of this Agreement, and otherwise comply with Florida law. The E-Verify system is located at <https://www.uscis.gov/E-Verify>. Failure to comply with this section is grounds for termination and the contractor (a) may not be awarded a contract with the County for at least 1 year after the date on which the contract was terminated and (b) is liable for any additional costs incurred by the County as a result of termination of this Agreement.

THE REMAINDER OF THIS PAGE IS LEFT INTENTIONALLY BLANK

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed for the uses and purposes therein expressed on the day and year first above-written.

ALACHUA COUNTY, FLORIDA

By: _____

Mary C. Alford, Chair

Board of County Commissioners

Date: _____

ATTEST

APPROVED AS TO FORM

J.K. "Jess" Irby, Esq., Clerk
(SEAL)

Alachua County Attorney's Office

CONTRACTOR

DocuSigned by:
Douglas Dabney
By: _____
435C778D89B34FD...

Print: Douglas Dabney

Title: Managing Partner

Date: 6/24/2024

IF THE CONTRACTOR IS NOT A NATURAL PERSON, PLEASE PROVIDE A CERTIFICATE OF INCUMBENCY AND AUTHORITY, OR A CORPORATE RESOLUTION, LISTING THOSE AUTHORIZED TO EXECUTE AGREEMENTS ON BEHALF OF YOUR ORGANIZATION. IF ARE A NATURAL PERSON, THEN YOUR SIGNATURE MUST BE NOTARIZED.

EXHIBIT 1: NON-TECHNICAL SPECIFICATIONS

**Non-Technical Specifications
(General Terms & Conditions)**

**SW 170th Street (CR 241) Widen & Resurface
From Levy County Line to South of Archer
Project No. 9177912 (LAP 439499-1-58-01)**

1.0 DEFINITIONS

These definitions apply to this exhibit and any subsequent exhibits. Where the following terms or their pronouns occur herein, the intent and meaning shall be as follows:

- 1.1 **AGREEMENT:** The written document between the County and the Contractor covering the Work to be performed, including the Contractor's Bid and the Bonds.
- 1.2 **BONDS:** Bid, Performance and Payment Bonds and other instruments of security, furnished by the Contractor and his surety in accordance with the Contract Documents.
- 1.3 **CHANGE ORDER:** A written order to the Contractor, signed by the Board of County Commissioners or County Manager, authorizing an addition, deletion, or revision in the Work, or an adjustment in the Contract Price or the Contract Time, issued after execution of the Agreement.
- 1.4 **CONTINGENCY AMOUNT:** The total monies established to efficiently and timely address any unknown or unanticipated conditions and pay factor adjustments. Contractor has no entitlement to any contingency amount without written notice from the County.
- 1.5 **CONTRACT:** The written agreement incorporating the bid submitted by the bidder and which is approved by the Board, or its designee, along with all documents covering the Work to be performed.
- 1.6 **CONTRACT PRICE:** The total monies payable to the Contractor plus the established contingency amount under the provisions of the Contract Documents.
- 1.7 **CONTRACT DOCUMENTS:** The Agreement, Specifications, Drawings, Addenda whether issued prior to the opening of bids or execution of the Contract and Modifications.
- 1.8 **CONTRACT TIME:** The number of days stated in the Agreement for the completion of the Work.
- 1.9 **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.
- 1.10 **COUNTY:** Alachua County, Florida, through the Board of County Commissioners, or its authorized legal representative.
- 1.11 **COUNTY ENGINEER:** The Alachua County Engineer, acting directly or through duly authorized representatives; such representatives acting within the scope of the duties and authority assigned to them.
- 1.12 **DIRECTOR:** The Department Director, or his authorized representative, 5620 NW 120 Lane, Gainesville, Florida 32653, acting for the County.
- 1.13 **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 Director and are referred to in the Contract Documents.
- 1.14 **FIELD CHANGE ORDER:** A written order to the Contractor signed by the Public Works Director or designee for modifications to the work that do not increase the Contract Price, that do not increase Contract Time and that do not increase the size (project limits), function (project type) or intended use of the work.
- 1.15 **PROJECT REPRESENTATIVE:** The authorized representative of the Director who is assigned to the project or any parts thereof.
- 1.16 **RESPONSIBLE AGENT:** The duly authorized representative of the Alachua County Board of County Commissioners or the Contractor during the contract period.
- 1.17 **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.
- 1.18 **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.

- 1.19 SUBCONTRACTORS: Any person, firm or corporation, other than the Contractor, supplying labor, equipment or material for work at the site of the project.
- 1.20 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.

2.0 STARTING THE WORK

2.1 **Schedule**

Within ten (10) days after execution of the Agreement, the Contractor will submit to the County Engineer 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.

2.2 **Pre-Construction Conference**

Before starting Work, a conference will be held to review the above schedules and submittal package (See 2.5 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 the County Engineer, and/or his Project Representative, and the Contractor and utility company representatives.

2.3 **Notice to Proceed**

Upon execution and delivery of the Agreement, the County 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 thirty (30) days after the date of execution and delivery of the Agreement. No work shall be done prior to receipt of the Notice to Proceed.

2.4 **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.

2.5 **Submittals**

The Contractor's submittal package for the Pre-Construction meeting shall include: the Surveyor's License Confirmation on a form provided by the County, Maintenance of Traffic Plan, Erosion & Sedimentation Control Plan, and Stormwater Pollution Prevention Plan to be approved by the County prior to any construction activities along with any other requirements or permits as outlined in this document. All submittals must be approved by the County prior to implementation.

3.0 INTENT OF CONTRACT DOCUMENTS

- 3.1 It is the intent of the Specifications and Drawings to describe a complete project to be constructed in accordance with the Contract Documents.
- 3.2 The Contract Documents comprise the entire Agreement between the County and the Contractor. They may be amended only by approval of a Change Order or Field Change Order or Contract Amendment.

4.0 OWNERSHIP AND COPIES OF DOCUMENTS; RECORD DOCUMENTS

- 4.1 All Specifications, Drawings and copies thereof furnished by Alachua County shall remain the property of Alachua 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.
- 4.2 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.

- 4.3 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 Director and/or his Project Representatives.

5.0 WORK BY OTHERS

- 5.1 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.
- 5.2 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 County 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.
- 5.3 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 County Engineer.
- 5.4 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 **Exhibit 1, Non-Technical Specifications**, Paragraphs 15-17.

6.0 RESPONSIBLE AGENT

- 6.1 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.
- 6.2 The County 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.
- 6.3 A letter when addressed and sent by certified list mail to either part, at its business herein, will constitute notice required in this contract.

7.0 ACCIDENT PREVENTION

- 7.1 Precaution shall be exercised at all times for the protection of employees, other persons and property.
- 7.2 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.

8.0 SUBCONTRACTS

- 8.1 The Contractor will not employ any Subcontractor (whether initially or as a substitute) against whom the County or the County 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 County Engineer, prior to written concurrence by the County Engineer.
- 8.2 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 County Engineer or any obligation on the part of the County or the County 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.
- 8.3 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.
- 8.4 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.

9.0 PHYSICAL AND SUBSURFACE CONDITIONS

- 9.1 The County 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 County Engineer in writing of any subsurface or latent physical conditions at the site differing materially from those indicated in the Contract Documents. The County Engineer will promptly investigate those conditions and determine if further surveys or subsurface tests are necessary. Promptly thereafter, the County Engineer will obtain the necessary additional surveys and tests and furnish copies to the Contractor. If the County 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 COUNTY ENGINEER'S STATUS DURING CONSTRUCTION

- 10.1 The County Engineer shall be the County's representative during the construction period. All instructions of the County to the Contractor shall be issued through the County Engineer.
- 10.2 The County 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 County 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 12. He will also have authority to require special inspection or testing of the Work as provided in **Exhibit 1, Non-Technical Specifications**, Paragraph 14.3, whether or not the Work is fabricated, installed or completed.
- 10.4 Neither the County Engineer's authority to act under this **Exhibit 1, Non-Technical Specifications**, Paragraph 10 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 County Engineer to the Contractor and Subcontractor, any of their agents or employees or any other person performing any of the Work.

11.0 COUNTY ENGINEER'S INTERPRETATIONS AND DECISIONS

- 11.1 The County 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 16.
- 11.2 The County 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 County 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 County Engineer timely notice of readiness, therefore. The Contractor will furnish the County 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 to be inspected, tested or approved is covered up without written approval or consent of the County Engineer, it must, if directed by the County 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 19.

- 12.3 Neither observations by the County 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 County 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 County Engineer. The superintendent shall not be replaced without the consent of the County 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 a form provided by the County. He will at all times maintain good discipline and order among his employees at the site.
- 13.4 The County 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 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 County 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 County Engineer, it must, if requested by the County Engineer, be uncovered for his observation and replaced at the Contractor's expense.
- 14.3 If any Work has been covered which the County Engineer has not specifically requested to observe prior to its being covered, or if the County 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 16 and 17.

15.0 CHANGES IN THE CONTRACT WORK

- 15.1 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 Price, addition of Pay Items, or an extension or shortening of the Contract Time, an equitable adjustment will be made as provided in **Exhibit 1, Non-Technical Specifications**, Paragraphs 16 and 17.
- 15.2 The Public Works 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 16.
- 15.3 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.
- 15.4 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.

16.0 CHANGE OF CONTRACT PRICE

- 16.1 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. The Contract Price constitutes the total compensation payable to the Contractor for performing the Work plus any applicable Contingency authorized in accordance with this Agreement.
- 16.2 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 County Engineer within ten (10) days of the occurrence of the event giving rise to the claim. The claim shall then be delivered to the County Engineer in writing within fifteen (15) days after the elimination of the event giving rise to the claim. Change orders and field change orders will be approved by the following procedure:
- 16.2.1 The Public Works Director or his designee may approve Field Change Orders that, either cumulatively or individually, increase the Contract Price up to the total amount of the Contingency, provided that such Field Change Orders do not extend contract time or does not expand the size, function or intended use of the project contained in the Contract Documents.
- 16.2.2 The County Manager may approve Change Orders that, either cumulatively or individually, increase the Contract Price up to the total amount of the Contingency;

or Change Orders that, either cumulatively or individually, increase the Contract Price by ten percent of the original Contract Price or \$100,000, whichever is less, provided that such Change Orders do not expand the size, function or intended use of the project contained in the Contract Documents.

- 16.2.3 The Board of County Commissioners has the sole authority to approve Change Orders that increase the Contract Price by more than ten percent of the original Contract Price or \$100,000 or Change Orders that expand the size function or intended use of the project contained in the contract documents.
- 16.3 The value of any Work covered by a Change Order or Field Change Order, for any claim for an increase in the Contract Price, shall be determined in the following ways:
 - 16.3.1 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.
 - 16.3.2 Mutual acceptance of a lump sum or unit price.
 - 16.3.3 Cost and a mutually acceptable fixed amount for overhead and profit.
 - 16.3.4 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:
 - 16.3.4.1 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
 - 16.3.4.2 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 17.4.4.1, the Contractor will submit in a form prescribed by the Director an itemized cost breakdown together with supporting data
- 16.4 Pay factor adjustments shall be adjusted in accordance with details outlined in **Exhibit 2, Technical Specifications**.

17.0 CHANGE OF THE CONTRACT TIME

- 17.1 The Contract Time may be changed solely in a 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 County Engineer within ten (10) days of the occurrence of the event giving rise to the claim. The claim shall then be delivered to the County Engineer in writing within fifteen (15) days after the elimination of the event giving rise to the claim. The County Manager may approve any 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.
- 17.2 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 17.1. Such delays shall only include, acts of neglect by any separate contractor employed by the County, fires, floods, labor disputes, epidemics, abnormal weather conditions, acts of God or other delays at the sole discretion of the County.

17.3 All time limits stated in the Contract Documents are of essence in the Agreement. The provisions of this **Exhibit 1, Non-Technical Specifications**, Paragraph 17 shall not exclude recovery for damages (including compensation for additional professional services) for delay by either party.

18.0 NEGLECTED WORK

18.1 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 County 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.

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

19.1 The Contractor warrants and guarantees to the County and the County 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.

19.2 If required by either the Director or the County 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 County Engineer, either correct any defective Work, whether or not fabricated, installed or completed, or, if the Work has been rejected by the County 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 County 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.

19.3 (reserved).

19.4 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 County Engineer with the appropriate reductions submitted in the application for final payment. In the event the appropriate reduction cannot be negotiated, the provisions of **Exhibit 1, Non-Technical Specifications**, Paragraph 16.3.4 shall prevail.

20.0 APPLICATIONS FOR PROGRESS PAYMENTS

20.1 Not more than once a month, the Contractor shall submit to the County 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 County 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.

- 20.2 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.
- 20.3 The County 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 pay the Contractor the amount approved by the County Engineer in accordance with Florida's Prompt Payment Act.

21.0 APPROVAL OF PAYMENTS

- 21.1 The County Engineer's approval of any payment requested in an application for payment shall constitute a representation by him to the County, based on the County 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 County 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.
- 21.2 The County 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 **Exhibit 1, Non-Technical Specifications**, Paragraph 22.3, have been fulfilled.
- 21.3 The County 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:

- 21.3.1 The Work is defective.
- 21.3.2 Claims have been filed, or there is reasonable evidence indicating the probable filing thereof.
- 21.3.3 The Contract Price has been reduced.
- 21.3.4 The County has been required to correct defective Work or complete the Work in accordance with **Exhibit 1, Non-Technical Specifications**, Paragraph 18, or
- 21.3.5 Unsatisfactory prosecution of the Work, including failure to clean up as required by **Exhibit 1, Non-Technical Specifications**, Paragraph 23.

22.0 FINAL PAYMENT

- 22.1 Upon notification from the Contractor that the project is complete, the County 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.
- 22.2 After the Contractor has completed any such corrections to the satisfaction of the County 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 forms provided by the County. Nothing in this section waives the rights of the Contractor under Section 255.05(11) F.S. The County Engineer will execute a Certificate of Completion and recommend final payment.
- 22.3 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 County 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 for payment. The Clerk of the Court will pay the Contractor the amount approved by the County Engineer in accordance with Florida's Prompt Payment Act.
- 22.4 If after substantial completion of the Work, final completion thereof is materially delayed through no fault of the Contractor, and the County Engineer so confirms, the County shall, upon certification by the County 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, 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 County 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.

23.0 CLEANING UP

- 23.1 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.

24.0 COUNTY'S RIGHT TO STOP OR SUSPEND WORK

- 24.1 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.
- 24.2 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 Price or an extension of the Contract Time directly attributable to any suspension provided he makes a claim therefore as provided in **Exhibit 1, Non-Technical Specifications**, Paragraphs 16 and 17.

EXHIBIT 2: TECHNICAL SPECIFICATIONS

PART 1

Technical Specifications

**SW 170th Street (CR 241) Widen & Resurface
From Levy County Line to South of Archer
Project No. 9177912 (LAP 439499-1-58-01)**

E-01 GENERAL

All described in these specifications supplement the work detailed in the construction drawings for County Project 917-7912 titled *SW 170th Street Widen & Resurface* and contained in Exhibit 3, prepared by DRMP. In the event any work conflicts with the aforementioned construction drawings and these Technical Specifications, the provision herein shall prevail.

All work shall be performed in accordance with the design plans and the FDOT Standard Specifications for Road and Bridge Construction, July 2019 edition, except as provided for in these "Technical Specifications." 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 Alachua County, Florida, or its duly authorized representative.

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

E-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 2019 edition, the Florida Greenbook, 2016 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 Standard Plans for Roadway and Bridge Construction, 2019-2020 edition.

References to Article Numbers, hereinafter, apply to the FDOT Standard Specifications for Road and Bridge Construction, July 2019 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), 2009 edition

E-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, July 2019 edition and the current edition of Supplemental Specifications thereto, except as modified and supplemented hereinafter or in the "Exhibit 2 – Part 2". The specifications outlined in "Exhibit 2 – Part 2" shall be interpreted as additions to the FDOT Standard Specification unless otherwise noted. References to Section numbers hereinafter apply to the FDOT Standard Specifications. In the event that any information contained hereinafter or in the "Technical Specifications" section conflict with the FDOT Standard Specifications, the provisions contained herein shall prevail.

E-04 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 by a Land Surveyor, or by someone under the responsible charge of a Land Surveyor, who is registered in the State of Florida. Layout work may be completed by a party other than a registered Land Surveyor with approval from the County Engineer. Work completed via layout not performed by a registered

Land Surveyor shall be verified by an “as-built” survey completed by a Land Surveyor, or by someone under responsible charge of a Land Surveyor, who is registered in the State of Florida. “As-built” work found to be out of compliance with the construction plans or specifications shall be removed and reconstructed at the Contractor’s expense. 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.

E-05 DISCREPANCIES

In cases of discrepancy in the general conditions or technical specifications, the governing order of documents is as follows:

1. Bid addendums.
2. Exhibit 2 – Part 2 – Supplemental Specifications LAP Division 1 Specifications
3. Exhibit 2 – Part 1
4. Exhibit 1
5. Instruction to Bidders
6. Exhibit 2 – Part 2 – Divisions I and II
7. FDOT Standard Specifications

E-06 CONFLICT OF INTEREST

Neither the Contractor nor 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:

"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.

E-07 INSPECTOR GENERAL

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

EXHIBIT 2 – Part 2

August 01, 2023

PREPARED BY: Luis Maldonado, Don Padgett, Gerry Mulvey

SPECIFICATIONS PACKAGE
FINANCIAL PROJECT ID(S).439499-1-58-01
FEDERAL FUNDS
DISTRICT TWO
ALACHUA COUNTY

The applicable Articles and Subarticles of the General Requirements & Covenants division (Division I) of the July 2019 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 Luis E. Maldonado 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.

	Luis	Digitally signed by Luis Maldonado
	Maldonado	Date: 2024.03.07 12:02:29 -05'00'
Date:	<u>March 7, 2024</u>	
State of Florida,		
Professional Engineer, License No.:	<u>Luis E. Maldonado, PE, 45306</u>	
Firm/Agency Name:	<u>DRMP</u>	
Firm/Agency Address:	<u>1625 Summit Lake Drive, Suite 200</u>	
City, State, Zip Code:	<u>Tallahassee, FL 32317</u>	
Page(s):	<u>1-76</u>	

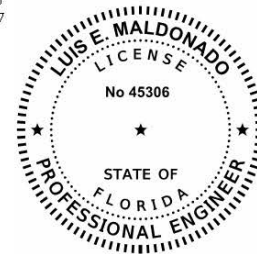


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LAP DIVISION 1 SPECIFICATIONS.

(REV 4-11-23) (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)

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FROM SECTION 1 – DEFINITIONS AND TERMS:

Department Name: Alachua County

Engineer: County Engineer

Contractor’s Engineer of Record.

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

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

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

Specialty Engineer.

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

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

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

FROM SECTION 4 (ALTERATION OF WORK).

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

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

The term "significant change" applies only when:

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

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

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

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

Notwithstanding that the Contractor shall have no formal right whatsoever to any extra compensation or time extension deemed due by the Contractor for any cause unless and until the Contractor follows the procedures set forth in 5-12.2 for preservation, presentation and resolution of the claim, the Contractor may at any time, after having otherwise timely submitted a notice of intent to claim or preliminary time extension request pursuant to 5-12.2 and 8-7.3.2, submit to the Department a request for equitable adjustment of compensation or time or other dispute resolution proposal. The Contractor shall in any request for equitable adjustment of compensation, time, or other dispute resolution proposal certify under oath and in writing, in accordance with the formalities required by Florida law, that the request is made in good faith, that any supportive data submitted is accurate and complete to the Contractor's best knowledge and belief, and that the amount of the request accurately reflects what the Contractor in good faith believes to be the Department's responsibility. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor. Any such certified statements of entitlement and costs shall be subject to the audit provisions set forth in 5-12.14. While the submittal or review of a duly certified request for equitable adjustment shall neither create, modify, nor activate any legal rights or obligations as to the Contractor or the

Department, the Department will review the content of any duly certified request for equitable adjustment or other dispute resolution proposal, with any further action or inaction by the Department thereafter being in its sole discretion. Any request for equitable adjustment that fails to fully comply with the certification requirements will not be reviewed by the Department.

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

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

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

Payment for burden shall be limited solely to the following:

Table 4-1	
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 = Monthly Rate/176
x Adjustment Factors x 100%.
- b. Allowable Hourly Operating Cost = Hourly Operating
Cost x 100%.
- c. Allowable Rate Per Hour = Allowable Hourly
Equipment Rate + Allowable Hourly Operating Cost.
- d. Standby Rate = Allowable Hourly Equipment
Rate x 50%.

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

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

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

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

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

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

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

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

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

Where A = Original Contract Amount

B = Original Contract Time

C = 8%

D = Average Overhead Per Day

Cumulative Calendar Days is defined as the combined total number of calendar days granted as time extensions due to either extra work, excluding overruns to existing contract items, that extend the duration of the project or delay of a controlling work item caused solely by the Department, or the combined total number of calendar days for which

a claim of entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined to be in favor of the Contractor.

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

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

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

$$Ds = \frac{As \times C}{B}$$

Subcontract amounts(s)*

Where As = Original Contract Amount minus Original

B = Original Contract Time

C = 8%

Ds = 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

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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

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the other party in writing of the specific differing conditions before the Contractor disturbs the conditions or performs the affected work.

Upon receipt of written notification of differing site conditions from the Contractor, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly. The Engineer will notify the Contractor whether or not an adjustment of the Contract is warranted.

The Engineer will not allow a Contract adjustment for a differing site condition unless the Contractor has submitted the required written notice.

The Engineer will not allow a Contract adjustment under this clause for any effects caused to any other Department or non-Department projects on which the Contractor may be working.

4-3.8 Changes Affecting Utilities: The Contractor shall be responsible for identifying and assessing any potential impacts to a utility that may be caused by the changes proposed by the Contractor, and the Contractor shall at the time of making the request for a change notify the Department in writing of any such potential impacts to utilities.

Department approval of a Contractor proposed change does not relieve the Contractor of sole responsibility for all utility impacts, costs, delays or damages, whether direct or indirect, resulting from Contractor initiated changes in the design or construction activities from those in the original Contract Specifications, Design Plans (including Traffic Control Plans) or other Contract Documents and which effect a change in utility work different from that shown in the Utility Plans, joint project agreements or utility relocation schedules.

4-3.9 Cost Savings Initiative Proposal:

4-3.9.1 Intent and Objective:

1. This Subarticle applies to any cost reduction proposal (hereinafter referred to as a Proposal) that the Contractor initiates and develops for the purpose of refining the Contract to increase cost effectiveness or significantly improve the quality of the end result. A mandatory Cost Savings Initiative Workshop will be held prior to Contract Time beginning for the Contractor and Department to discuss potential Proposals. This mandatory workshop can only be eliminated if agreed to in writing by both the Contractor and Department. This Subarticle does not, however, apply to any such proposal unless the Contractor identifies it at the time of its submission to the Department as a proposal submitted pursuant to this Subarticle.

2. The Department will consider Proposals that would result in net savings to the Department by providing a decrease in the cost of the Contract. Proposals must result in savings without impairing essential functions and characteristics such as safety, service, life, reliability, economy of operation, ease of maintenance, aesthetics and necessary standard design features. The Department will not recognize the Contractor's correction of plan errors that result in a cost reduction, as a Proposal. Deletions of work, approved by the Engineer which are not directly associated with or integral to a Proposal will be handled as full credit to the Department for the work deleted.

3. The Department shall have the right to reject, at its discretion, any Proposal submitted that proposes a change in the design of the pavement system or that would require additional right-of-way. Pending the Department's execution of a formal supplemental agreement implementing an approved Proposal, the Contractor shall remain obligated to perform

the work in accordance with the terms of the existing Contract. The Department may grant time extensions to allow for the time required to develop and review a Proposal.

4. For potential Proposals not discussed at the Cost Savings Initiative Workshop, a mandatory concept meeting will be held for the Contractor and Department to discuss the potential Proposal prior to development of the Proposal. This mandatory meeting can only be eliminated if agreed to in writing by both the Contractor and Department.

4-3.9.2 Subcontractors: The Department encourages the Contractor to include the provisions of this Subarticle in Contracts with subcontractors and to encourage submission of Proposals from subcontractors. However, it is not mandatory to submit Proposals to the Department or to accept or transmit subcontractor proposed Proposals to the Department.

4-3.9.3 Data Requirements: As a minimum, submit the following information with each Proposal:

1. a description of the difference between the existing Contract requirement, including any time extension request, and the proposed change, and the comparative advantages and disadvantages.

2. separate detailed cost estimates for both the existing Contract requirement and the proposed change. Break down the cost estimates by pay item numbers indicating quantity increases or decreases and deleted pay items. Identify additional proposed work not covered by pay items within the Contract, by using pay item numbers in the Basis of Estimates Manual. In preparing the estimates, include overhead, profit, and bond within pay items in the Contract. Separate pay item(s) for the cost of overhead, profit, and bond will not be allowed.

3. an itemization of the changes, deletions or additions to plan details, plan sheets, Standard Plans and Specifications that are required to implement the Proposal if the Department adopts it. Submit preliminary plan drawings sufficient to describe the proposed changes.

4. engineering or other analysis in sufficient detail to identify and describe specific features of the Contract that must be changed if the Department accepts the Proposal with a proposal as to how these changes can be accomplished and an assessment of their effect on other project elements. The Department may require that engineering analyses be performed by a prequalified consultant in the applicable class of work. Support all design changes that result from the Proposal with drawings and computations signed and sealed by the Contractor's Engineer of Record. Written documentation or drawings will be submitted clearly delineating the responsibility of the Contractor's Engineer of Record.

5. the date by which the Department must approve the Proposal to obtain the total estimated cost reduction during the remainder of the Contract, noting any effect on the Contract completion time or delivery schedule.

6. a revised project schedule that would be followed upon approval of the Proposal. This schedule would include submittal dates and review time for the Department and Peer reviews.

4-3.9.4 Processing Procedures: Submit Proposals to the Engineer or his duly authorized representative. The Department will process Proposals expeditiously; however, the Department is not liable for any delay in acting upon a Proposal submitted pursuant to this Subarticle. The Contractor may withdraw, in whole or in part, a Proposal not accepted by the Department within the period specified in the Proposal. The Department is not liable for any

Proposal development cost in the case where the Department rejects or the Contractor withdraws a Proposal.

The Engineer is the sole judge of the acceptability of a Proposal and of the estimated net savings in construction costs from the adoption of all or any part of such proposal. In determining the estimated net savings, the Department reserves the right to disregard the Contract bid prices if, in the judgment of the Engineer, such prices do not represent a fair measure of the value of work to be performed or to be deleted.

Prior to approval, the Engineer may modify a Proposal, with the concurrence of the Contractor, to make it acceptable. If any modification increases or decreases the net savings resulting from the Proposal, the Department will determine the Contractor's fair share upon the basis of the Proposal as modified and upon the final quantities. The Department will compute the net savings by subtracting the revised total cost of all bid items affected by the Proposal from the total cost of the same bid items as represented in the original Contract.

Prior to approval of the Proposal that initiates the supplemental agreement, submit acceptable Contract-quality plan sheets revised to show all details consistent with the Proposal design.

4-3.9.5 Computations for Change in Contract Cost of Performance: If the Proposal is adopted, the Contractor's share of the net savings as defined hereinafter represents full compensation to the Contractor for the Proposal.

The Department will not include its costs to process and implement a Proposal in the estimate. However, the Department reserves the right, where it deems such action appropriate, to require the Contractor to pay the Department's cost of investigating and implementing a Proposal as a condition of considering such proposal. When the Department imposes such a condition, the Contractor shall accept this condition in writing, authorizing the Department to deduct amounts payable to the Department from any monies due or that may become due to the Contractor under the Contract.

4-3.9.6 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges: A Proposal that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge Plans relating to the Proposal shall undergo an independent peer review conducted by a single independent engineering firm referred to for the purposes of this article as the Independent Review Engineer who is not the originator of the Proposal design, and is pre-qualified by the Department in accordance with Rule 14-75, Florida Administrative Code. The independent peer review is intended to be a comprehensive, thorough verification of the original work, giving assurance that the design is in compliance with all Department requirements. The Independent Review Engineer's comments, along with the resolution of each comment, shall be submitted to the Department. The Independent Review Engineer shall sign and seal the submittal cover letter stating that all comments have been adequately addressed and the design is in compliance with the Department requirements. If there are any unresolved comments the Independent Review Engineer shall specifically list all unresolved issues in the signed and sealed cover letter.

The Contractor shall designate a primary engineer responsible for the Proposal design and as such will be designated as the Contractor's Engineer of Record for the Proposal design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for design of the entire structure.

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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

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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,

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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:

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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.

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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

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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 Section 70914 of Public Law No. 117-58, §§ 70901-52, also known as the Infrastructure Investment and Jobs Act (IIJA), Public Law 117-58, which includes the Build America, Buy America Act (BABA). Domestic compliance for all affected products will be listed on the APL.

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 FDOT'S website at the following URL address <https://www.fhwa.dot.gov/programadmin/contracts/1273/1273.pdf> 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=e27ba3f2_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

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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
FL20230157	alachua	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
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

Estimated Contract Amount	Trainees Required
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

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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.

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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

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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

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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.

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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) (7-22)**

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

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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.

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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 ± 0.2 foot in depth and ± 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

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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

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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 3-½ 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.

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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.

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 ≤ 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:

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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

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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.

120-8.1.2 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps, wellpoints and header pipe and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, perforated pipe drains, sumps, and siphons.

120-8.1.3 Backfill Materials: Backfill to the original ground surface or subgrade surface of openings made for structures, with a sufficient allowance for settlement. The Engineer may require that the material used for this backfill be obtained from a source entirely apart from the structure.

Do not allow heavy construction equipment to cross over culvert or storm sewer pipes until placing and compacting backfill material to the finished earthwork grade or to an elevation at least 4 feet above the crown of the pipe.

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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.

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

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Engineer verifies layer and density requirements. Meet the requirements of the density Acceptance Criteria.

120-8.2.2 Box Culverts: For box culverts over which pavement is to be constructed, compact around the structure to an elevation not less than 12 inches above the top of the structure, using rapid-striking mechanical tampers.

120-8.2.3 Other Limited Areas: Compact in other limited areas using mechanical tampers or approved hand tampers, until the cover over the structure is at least 12 inches thick. When hand tampers are used, deposit the materials in layers not more than 4 inches thick using hand tampers suitable for this purpose with a face area of not more than 100 in². Take special precautions to prevent any wedging action against the masonry, and step or terrace the slope bounding the excavation for abutments and wingwalls if required by the Engineer.

120-8.2.4 Culverts and Piers: Backfill around culverts and piers on both sides simultaneously to approximately the same elevation.

120-8.2.5 Compaction Under Wet Conditions: Where wet conditions do not permit the use of mechanical tampers, compact using hand tampers. Use only A-3 material for the hand tamped portions of the backfill. When the backfill has reached an elevation and condition such as to make the use of the mechanical tampers practical, perform mechanical tamping in such manner and to such extent as to transfer the compaction force into the sections previously tamped by hand.

120-8.3 Additional Requirements for Pipe 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.

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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

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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.

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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.

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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.

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**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.

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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.

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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 ± 0.2 foot in depth and ± 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

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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.

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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.

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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.

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 ≤ 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.

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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.

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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

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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.

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 in². Take special precautions to prevent any wedging action against the masonry, and step or terrace the slope bounding the excavation for abutments and wingwalls if required by the Engineer.

120-8.2.4 Culverts and Piers: Backfill around culverts and piers on both sides simultaneously to approximately the same elevation.

120-8.2.5 Compaction Under Wet Conditions: Where wet conditions do not permit the use of mechanical tampers, compact using hand tampers. Use only A-3 material for the hand tamped portions of the backfill. When the backfill has reached an elevation and

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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.

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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.

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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:

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- 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

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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) (7-22)

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.

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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 ⁽¹⁾	A	<0.3
2	Structural Mixes: Types SP-9.5 or SP-12.5 ⁽¹⁾ Friction Mixes: Types FC-9.5 or FC-12.5 ⁽¹⁾	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-1 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_{mm} = Maximum specific gravity from the mix design

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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:

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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

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

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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 Gyrotory Compaction: Compact the design mixture in accordance with AASHTO T 312, with the following exception: use the number of gyrations at N_{design} as defined in Standard Specification Table 334-4. Measure the inside diameter of gyrotory 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. $N_{initial}$ and $N_{maximum}$ 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_{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_{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.

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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.

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 ⁽¹⁾	65

⁽¹⁾ 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.

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Table 334-4	
Mix Temperature Master Range Tolerance	
Location	Acceptable Temperature Tolerance
Plant	Mixing Temperature ± 30 F
Roadway (mix in truck)	Compaction Temperature $\pm 30^{\circ}$ F

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.

Table 300-2 Tack Coat Application Rates		
Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd ²) ¹
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.

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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

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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

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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.

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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 ($P_{.8}$ and $P_{.200}$) and asphalt binder content (P_b). 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 (Gmm) from the approved mix design. If the Contractor or Engineer suspects that the mix design Gmm is no longer representative of the asphalt mixture being produced, then a new Gmm 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 \pm 0.55
Passing No. 8 Sieve (percent)	Target \pm 6.00
Passing No. 200 Sieve (percent)	Target \pm 1.50
Roadway Density (daily average)	Minimum 91.5% of Gmm
Roadway Density (any single core)	Minimum 88.0 % of Gmm

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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_s and P_{200}) and asphalt binder content (P_b). 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.

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LAP1200000(Class D Projects)

**344 CONCRETE FOR LOCAL AGENCY PROGRAM (LAP) (CLASS - D).
(REV 6-9-2021) (FA 7-2-21) (1-22)**

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 II, Type IP, Type IS, Type II, Type II (MH) or Type III cement in all classes of concrete. Use Type II or Type II (MH) for all mass concrete elements.

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LAP1200000(Class D Projects)

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.

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FPID(S): 439499-1-58-01

LAP1200000(Class D Projects)

Table 344-1 Master Proportion Table ⁽⁷⁾				
Class of Concrete	28-day Specified Minimum Compressive Strength (f_c') (psi)	Maximum Water to Cementitious Materials Ratio (pounds per pounds)	Minimum Total Cementitious Materials Content (lb/yd ³)	Target Slump Value (inches) ⁽³⁾
Category 1				
Class NS	2,500	N/A	N/A	N/A
Category 3				
I ⁽¹⁾	3,000	0.53	470	3 ⁽²⁾
I (Pavement)	3,000	0.50	470	1.5 or 3 ⁽⁵⁾
II ⁽¹⁾	3,400	0.53	470	3 ⁽²⁾
II (Bridge Deck)	4,500	0.44	600 ⁽⁸⁾	3 ⁽²⁾
III ⁽⁴⁾	5,000	0.44	600 ⁽⁸⁾	3 ⁽²⁾
III (Seal)	3,000	0.53	600 ⁽⁸⁾	8
IV	5,500	0.41 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
IV (Drilled Shaft)	4,000	0.41	600 ⁽⁸⁾	8.5
V (Special)	6,000	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
V	6,500	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
VI	8,500	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
VII	10,000	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾

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/yd³ and 510 lb/yd³, 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

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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.

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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.

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344-6 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in 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.

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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 II, Type IP, Type IS, Type II, Type II (MH) or Type III cement in all classes of concrete. Use Type IL or Type II (MII) 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.

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Table 344-1 Master Proportion Table ⁽⁷⁾				
Class of Concrete	28-day Specified Minimum Compressive Strength (f_c') (psi)	Maximum Water to Cementitious Materials Ratio (pounds per pounds)	Minimum Total Cementitious Materials Content (lb/yd ³)	Target Slump Value (inches) ⁽³⁾
Category 1				
Class NS	2,500	N/A	N/A	N/A
Category 3				
I ⁽¹⁾	3,000	0.53	470	3 ⁽²⁾
I (Pavement)	3,000	0.50	470	1.5 or 3 ⁽⁵⁾
II ⁽¹⁾	3,400	0.53	470	3 ⁽²⁾
II (Bridge Deck)	4,500	0.44	600 ⁽⁸⁾	3 ⁽²⁾
III ⁽⁴⁾	5,000	0.44	600 ⁽⁸⁾	3 ⁽²⁾
III (Seal)	3,000	0.53	600 ⁽⁸⁾	8
IV	5,500	0.41 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
IV (Drilled Shaft)	4,000	0.41	600 ⁽⁸⁾	8.5
V (Special)	6,000	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
V	6,500	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
VI	8,500	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾
VII	10,000	0.37 ⁽⁶⁾	600 ⁽⁸⁾	3 ⁽²⁾

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/yd³ and 510 lb/yd³, 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

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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.

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FPID(S): 439499-1-58-01

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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.

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FPID(S): 439499-1-58-01

LAP1200000(Class D Projects)

344-6 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in this Section.

**SCOPE OF WORK – INTENT OF CONTRACT.
(REV 10-25-21) (FA 1-26-22) (FY 2023-24)**

ARTICLE 4-1 is expanded by the following:

The Improvements under this Contract consist of The Improvements under this Contract consist of milling, resurfacing, and widening of travel lanes along SW 170th Street from 9 feet to 11 feet and installing 4 foot wide paved shoulders for each approach from NE 100th Street (Levy County Line) to south of Archer. The summary of pay items for this project is listed in the Plans..

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**THIS COMPLETES
THIS
SPECIFICATIONS
PACKAGE**

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FPID(S): 439499-1-58-01

EXHIBIT 3: PAYMENT BOND FORM

CONTRACTOR (PRINCIPAL)

COMPANY (LEGAL NAME):
PRINCIPAL BUSINESS ADDRESS (No PO Box):
TELEPHONE NUMBER:

SURETY

COMPANY (LEGAL NAME):
PRINCIPAL BUSINESS ADDRESS (No PO Box):
TELEPHONE NUMBER:

OWNER (OBLIGEE)

NAME: Alachua County Board of County Commissioners
PRINCIPAL BUSINESS ADDRESS: 12 S.E. First Street, Gainesville, Florida 32601
TELEPHONE NUMBER: 352-374-5204

CONTRACT DETAILS

CONTRACT NO.:
DATE EXECUTED:
AMOUNT:
GENERAL DESCRIPTION:
STREET ADDRESS OF PROJECT:
PO NO., RFP, OR INVITATION TO BID NO.:

BOND

BOND NUMBER:
DATE:
AMOUNT:

KNOW ALL MEN BY THESE PRESENTS:

That Principal, hereinafter called Contractor, and Surety, as identified above, are bound to Alachua County, Florida, as Obligee, and hereinafter called the County, in the amount identified above, for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

This payment bond is executed pursuant to §255.05, Florida Statutes, and claimants must comply with the notice and time limitations of §255.05(2) and §255.05(10), Florida Statutes.

WHEREAS, Contractor has by written Contract entered into a Contract, identified above, with Alachua 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 §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 notice and time limitations of §255.05(2) and §255.05(10). 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 _____

Sworn to (or affirmed) and subscribed before me by means of physical presence or online
notarization, this day of _____, 20____, by _____.

Signature of Notary Public

Printed Name of Notary Public

Personally Known OR Produced Identification

Type of Identification Produced: _____

SURETY

SIGNATURE: _____

SEAL

PRINTED NAME AND TITLE: ATTORNEY IN FACT

EXHIBIT 4: PERFORMANCE BOND FORM

CONTRACTOR (PRINCIPAL)

COMPANY (LEGAL NAME):
PRINCIPAL BUSINESS ADDRESS (No PO Box):
TELEPHONE NUMBER:

SURETY

COMPANY (LEGAL NAME):
PRINCIPAL BUSINESS ADDRESS (No PO Box):
TELEPHONE NUMBER:

OWNER (OBLIGEE)

NAME: Alachua County Board of County Commissioners
PRINCIPAL BUSINESS ADDRESS: 12 S.E. First Street, Gainesville, Florida 32601
TELEPHONE NUMBER: 352-374-5204

CONTRACT DETAILS

CONTRACT NO.:
DATE EXECUTED:
AMOUNT:
GENERAL DESCRIPTION:
STREET ADDRESS OF PROJECT:
PO NO., RFP, OR INVITATION TO BID NO.:

BOND

BOND NUMBER:
DATE:
AMOUNT:

KNOW ALL MEN BY THESE PRESENTS:

That Principal, hereinafter called Contractor, and Surety, as identified above, are bound to Alachua County, Florida, as Obligee, and hereinafter called the County, in the amount identified above, for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written Contract entered into a Contract, identified above, with County, which Contract Documents are by reference made a 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:

1. performs the Contract between Contractor and County, at the times and in the manner prescribed in the Contract; and
2. pays County all losses, damages, including liquidated damages and damages caused by delay, expenses, costs and attorney's fees including appellate proceedings, that County sustains as a result of default by Contractor under the Contract; 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 AND EFFECT.

Whenever Contractor shall be, and is declared by County to be, in default under the Contract, and County having performed County's obligations there under, the Surety may promptly remedy the default, or shall promptly:

1. complete the Contract in accordance with its terms and conditions; or
 2. obtain a bid or bids for completing the Contract in accordance with its terms and conditions,
- and upon determination by Surety of the lowest responsible bidder, or, if County elects, upon determination by County and Surety jointly of the lowest responsible bidder, arrange for a Contract between such Bidder and County, and make available as Work progresses sufficient funds, paid to County, to pay the cost of completion and other costs and damages for which the Surety may be liable hereunder.

No right of action shall accrue on this bond to or for the use of any person of corporation other than County named herein.

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 any way 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 instrument shall be construed in all respects as a common law bond. It is expressly understood that the time provisions and statute of limitations under §255.05, Florida Statutes, shall not apply to this bond.

In no event will the Surety be liable in the aggregate to Obligee for more than the penal sum of this Performance Bond regardless of the number of suits that may be filed by Obligee.

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 _____

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this day of _____, 20____, by _____.

Signature of Notary Public

Printed Name of Notary Public

Personally Known OR Produced Identification
Type of Identification Produced: _____

SURETY

SIGNATURE: _____

SEAL

PRINTED NAME AND TITLE:

EXHIBIT 5: CONTRACTOR’S FINAL PAYMENT AFFIDAVIT FORM

STATE OF FLORIDA
COUNTY OF _____

Before me, the undersigned authority, personally appeared _____, who after being duly sworn, deposes and says:

(1) He or she is the (title) _____, of _____, which does business in the State of Florida, hereinafter referred to as the “Contractor.”

(2) Contractor, pursuant to that certain Contract No. 13453 (“Contract”) with Alachua County, a charter county and political subdivision of the State of Florida, hereinafter referred to as the “Owner,” has furnished or caused to be furnished labor, materials, and services for *Invitation to Bid No. 23-933; Project No. 9177912, SW 170th Street (CR241) Widen & Resurface – From Levy County Line to South of Archer - LAP, Contract No. 13453*, as more particularly set forth in said Contract.

(3) This affidavit is executed by the Contractor in accordance with §713.06 of the Florida Statutes for the purposes of obtaining final payment from the Owner in the amount of \$ _____.

(4) Contractor certifies, represents and warrants that it has paid all persons defined in §713.01, Florida Statutes, who furnished labor, services, or materials for the prosecution of the Work provided for in the Contract (“Claimants”), all amounts owed them from any previous payments received by Contractor from the Owner and has not withheld any such amounts.

(5) Contractor certifies, represents and warrants that all Work to be performed under the Contract has been fully completed, and all Claimants have been paid in full.

(6) In accordance with the Contract Documents and in consideration of \$ _____ paid, Contractor releases and waives for itself and all Claimants, including their successors and assigns, all claims demands, damages, costs and expenses, whether in contract or in tort, against Owner relating in any way to the performance of the Contract.

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

(8) Contractor agrees to indemnify, defend and save harmless Owner from all demands or suits, actions, claims of liens or other charges filed or asserted against Owner arising out of the performance by Contractor of the Work covered by the Contract.

Contractor:

By: _____

Title: _____

Date: _____

Witnesses

STATE OF _____

[Corporate Seal]

EXHIBIT 6: FINAL PAYMENT BOND WAIVER FORM

WAIVER OF RIGHT TO CLAIM AGAINST THE PAYMENT BOND (FINAL PAYMENT)

OWNER: Alachua County, a charter county and political subdivision of the State of Florida

CONTRACTOR: Watson Construction Company, LLC

PROJECT: Contract No. 13453 (“Contract”) for labor, materials, and services for *Invitation to Bid No. 23-933; Project No. 9177912, SW 170th Street (CR241) Widen & Resurface – From Levy County Line to South of Archer - LAP, Contract No. 13453.*

The undersigned Claimant, for itself and its successors and assigns, and in consideration of the final payment made in the amount of \$ _____, hereby waives and releases its right to claim against the payment bond, and further waives, releases and discharges the Owner and Contractor from any and all claims, demands, obligations, damages, actions, and causes of action, direct or indirect, in law or in equity, for labor, services or materials furnished through _____ (insert date) to _____, on the job of **Alachua County**, a charter county and political subdivision of the State of Florida, for improvements associated with the above referenced Project.

DATED ON _____.

Claimant: _____

By: _____

(Name)

Title: _____

(Print Title)

STATE OF _____

COUNTY OF _____

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this day of _____, 20____, by _____.

e of Notary Public Signatur

Printed Name of Notary Public

Personally Known OR Produced Identification

Type of Identification Produced: _____

EXHIBIT 7: INSURANCE

**TYPE “A” INSURANCE REQUIREMENTS
“ARTISAN CONTRACTORS / SERVICE CONTACTS”**

The Contractor shall procure and maintain for the duration of this contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by the contractor/vendor, his agents, representatives, employees or subcontractors.

COMMERCIAL GENERAL LIABILITY

Coverage must be afforded under a per occurrence form policy for limits not less than \$1,000,000 General Aggregate, \$1,000,000 Products / Completed Operations Aggregate, \$1,000,000 Personal and Advertising Injury Liability, \$1,000,000 each Occurrence, \$50,000 Fire Damage Liability and \$5,000 Medical Expense.

AUTOMOBILE LIABILITY

Coverage must be afforded including coverage for all Owned vehicles, Hired and Non-Owned vehicles for Bodily Injury and Property Damage of not less than \$1,000,000 combined single limit each accident.

WORKERS COMPENSATION AND EMPLOYER’S LIABILITY

Coverage to apply for all employees at STATUTORY Limits in compliance with applicable state and federal laws; if any operations are to be undertaken on or about navigable waters, coverage must be included for the USA Longshoremen & Harbor Workers Act.

Employer’s Liability limits for not less than \$100,000 each accident; \$500,000 disease policy limit and \$100,000 disease each employee must be included.

BUILDER’S RISK / INSTALLATION FLOATERS (when applicable)

When this Agreement includes the construction of and/or the addition to a permanent structure or building; including the installation of machinery and/or equipment, the following insurance coverage must be afforded:

Coverage Form: Completed Value, All Risk in an amount equal to 100% of the value upon completion or value of equipment to be installed.

When applicable: Waiver of Occupancy Clause or Cessation of Insurance clause. Flood Insurance as available under the National Flood Insurance Program.

EMPLOYEE FIDELITY COVERAGE (only applicable to vendors whose employees handle funds)

Employee Dishonesty coverage must be afforded for not less than \$500,000 Blanket all employees ISO Form

OTHER INSURANCE PROVISIONS

The policies are to contain, or be endorsed to contain, the following provisions:

I Commercial General Liability and Automobile Liability Coverages

a. The Alachua County Board of County Commissioners, its officials, employees and volunteers are to be covered as an Additional Insured as respects: Liability arising out of activities performed by or on behalf of the Contractor/Vendor; to include Products and/or Completed Operations of the Contractor/Vendor; Automobiles owned, leased, hired or borrowed by the Contractor.

b. The Contractor’s insurance coverage shall be considered primary insurance as respects the County, its officials, employees and volunteers. Any insurance or self-insurance maintained by the County, its officials, employees or volunteers shall be excess of Contractor/Vendor’s insurance and shall be non-contributory.

II All Coverages

The Contractor/Vendor shall provide a Certificate of Insurance to the County with a thirty (30) day notice of cancellation. The certificate shall indicate if cover is provided under a “claims made” or “per occurrence” form. If any cover is provided under claims made from the certificate will show a retroactive date, which should be the same date of the contract (original if contract is renewed) or prior.

SUBCONTRACTORS

The Contractor/Vendor shall be responsible for all subcontractors working on their behalf as a condition of this Contract. All subcontractors of the Contractor/Vendor shall be subject to the same coverage requirements stated herein.

CERTIFICATE HOLDER: Alachua County Board of County Commissioners

MAIL, EMAIL or FAX CERTIFICATES

EXHIBIT 7-A: CERTIFICATE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/2/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER McGriff-Williams Insurance 3501-A W. University Ave Gainesville FL 32607		CONTACT NAME: PHONE (A/C, No, Ext): 352-371-7977 FAX (A/C, No): 352-505-2069 E-MAIL ADDRESS: karen@mcgriffwilliams.com	
INSURED Watson Construction Company LLC 940 NW 247th Dr Newberry FL 32669-2545		WATSCON-01 INSURER(S) AFFORDING COVERAGE INSURER A: Bitco National Insurance Company NAIC # 20109 INSURER B: Bitco General Insurance Company 20095 INSURER C: Zenith Insurance Company 13269 INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: 1516767048 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	Y	CLP 3 738 749	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPIOP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	CAP 3 738 752	1/1/2024	1/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	Y	CUP 3 738 751	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below:	Y/N Y	Z133881308	1/1/2024	1/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Inland Marine		CLP 3 726 460	2/20/2023	2/20/2024	Rented/Leased Equip \$500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Blanket Waiver of Subrogation on the Worker's Compensation - If required by written contract.
 The Alachua County Board of County Commissioners, its officials, employees and volunteers are to be covered as an Additional Insured as respects: Liability arising out of activities performed by or on behalf of the Contractor/Vendor; to include Products and/or Completed Operations of the Contractor/Vendor; Automobiles owned, leased, hired or borrowed by the Contractor.

CERTIFICATE HOLDER Alachua County Board of County Commissioners 5620 NW 120th Lane Gainesville FL 32653	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--

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EXHIBIT 8: BID SCHEDULE/ SCHEDULE OF VALUES



Alachua County, Florida

Procurement

Theodore "TJ" White, Jr. CPPB, Procurement Manager
County Administration Building, Gainesville, FL 32601

RESPONSE DOCUMENT REPORT

ITB No. ITB 23-933-LC

Widen and Resurface SW 170th Street (CR 241) From Levy County Line to South of Archer - Project #9177912 - LAP

RESPONSE DEADLINE: November 15, 2023 at 2:00 pm

Report Generated: Tuesday, March 5, 2024

Watson Construction Company LLC Response

CONTACT INFORMATION

Company:

Watson Construction Company LLC

Email:

jwalsh@watsonconstruct.com

Contact:

Joni Durden

Address:

940 NW 247th Drive
Newberry, FL 32669

Phone:

N/A

Website:

N/A

Submission Date:

Nov 15, 2023 9:54 AM

PRICE TABLES

SW 170TH STREET - STA 10+24 TO STA 146+30 - (LAP 439499-1-58-01)

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
100 I	MOBILIZATION	1	LS	\$315,221.00	\$315,221.00
102 I	MAINTENANCE OF TRAFFIC	1	LS	\$121,360.00	\$121,360.00
104 I	ARTIFICIAL COVERINGS/ROLLED EROSION CONTROL PRODUCTS	775	SY	\$10.00	\$7,750.00
104 10 3	SEDIMENT BARRIER	4,322	LF	\$2.50	\$10,805.00
104 18	INLET PROTECTION SYSTEM	1	EA	\$500.00	\$500.00
110 1 1	CLEARING & GRUBBING	1	LS	\$56,000.00	\$56,000.00
110 7 1	MAILBOX, F&I SINGLE	5	EA	\$350.00	\$1,750.00
120 1	REGULAR EXCAVATION	4,544	CY	\$31.25	\$142,000.00
120 4	SUBSOIL EXCAVATION	2,523	CY	\$49.88	\$125,847.24
120 6	EMBANKMENT	5,799	CY	\$33.26	\$192,874.74
160 4	TYPE B STABILIZATION	30,412	SY	\$11.15	\$339,093.80
285 704	OPTIONAL BASE, BASE GROUP 4	13,029	SY	\$18.64	\$242,860.56
285 706	OPTIONAL BASE, BASE GROUP 6	7,346	SY	\$18.64	\$136,929.44
286 1	TURNOUT CONSTRUCTION / DRIVEWAY BASE - OPTIONAL MATERIAL	876	SY	\$22.50	\$19,710.00
327 70 8	MILLING EXIST ASP PAVT, 2.5" AVG DEPTH	27,200	SY	\$5.20	\$141,440.00
334 1 52	SUPERPAVE ASPHALTIC CONCRETE, TYPE SP, PG 76 22	2,766.9	TN	\$189.00	\$522,944.10
337 7 80	ASPHALTIC CONCRETE FRICTION COURSE, TYPE FC-9.5, PG 76 22	2,555.4	TN	\$195.00	\$498,303.00
400 1 2	CONCRETE CLASS 1, ENDWALLS	13.4	CY	\$2,588.00	\$34,679.20

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
425 1521	INLETS, DT BOT, TYPE C, <10	1	EA	\$4,431.00	\$4,431.00
430 174 218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18" SD	317	LF	\$184.32	\$58,429.44
430 175 118	PIPE CULVERT, OPT MATL, ROUND, 18" S/CD	178	LF	\$108.55	\$19,321.90
430 175 124	PIPE CULVERT, OPT MATL, ROUND, 24" S/CD	48	LF	\$851.00	\$40,848.00
430 984 125	MITERED END SECT, OPTIONAL RD, 18" SD	1	EA	\$2,385.00	\$2,385.00
430 984 625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH., 18" SD	16	EA	\$2,526.00	\$40,416.00
570 1 2	PERFORMANCE TURF, 500	77,526	SY	\$3.88	\$300,800.88
700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	14	EA	\$437.00	\$6,118.00
700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	1	EA	\$635.00	\$635.00
700 1 50	SINGLE POST SIGN, RELOCATE	2	AS	\$287.50	\$575.00
700 1 60	SINGLE POST SIGN, REMOVE	11	AS	\$53.00	\$583.00
705 10 1	OBJECT MARKER, TYPE 1	6	EA	\$287.50	\$1,725.00
705 10 2	OBJECT MARKER, TYPE 2	6	EA	\$207.00	\$1,242.00
710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	1	LS	\$23,657.00	\$23,657.00
711 11 125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	57	LF	\$11.04	\$629.28
711 16 101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	5.1	GM	\$8,744.00	\$44,594.40
711 16 201	THERMOPLASTIC, STD-OTH, YELLOW, SOLID, 6"	0.88	GM	\$8,744.00	\$7,694.72
711 16 231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6", 10-30 SKIP	2.45	GM	\$8,744.00	\$21,422.80
TOTAL					\$3,485,576.50

EXHIBIT 9: FHWA-1273

FHWA-1273 – Revised October 23, 2023

**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.* (i) 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. 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, 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 reprourement 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.a. 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/WHDLegacyFiles/Awh347.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 journeymen 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 journeymen 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 (V, 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.

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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 contractor). "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.

EXHIBIT 10: WAGE RATE DECISION NUMBER FL157

3/6/23, 10:16 AM

SAM.gov

"General Decision Number: FL20230157 01/06/2023

Superseded General Decision Number: FL20220157

State: Florida

Construction Type: Highway

County: Alachua County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

<p>If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:</p>	<p>. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.</p>
<p>If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:</p>	<p>. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.</p>

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number Publication Date
 0 01/06/2023

SUFL2013-018 08/19/2013

<https://sam.gov/wage-determination/FL20230157/0>

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	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 13.81 **	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 13.96 **	0.00
ELECTRICIAN.....	\$ 22.11	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Striping Machine)....	\$ 12.68 **	0.32
HIGHWAY/PARKING LOT STRIPING: Painter.....	\$ 12.13 **	0.00
IRONWORKER, ORNAMENTAL.....	\$ 13.48 **	0.00
IRONWORKER, REINFORCING.....	\$ 15.82 **	0.00
IRONWORKER, STRUCTURAL.....	\$ 17.50	0.00
LABORER (Traffic Control Specialist).....	\$ 10.73 **	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 13.11 **	0.00
LABORER: Common or General.....	\$ 8.94 **	0.00
LABORER: Grade Checker.....	\$ 13.52 **	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.81 **	0.00
LABORER: Pipelayer.....	\$ 14.34 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 12.63 **	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 12.70 **	0.00
OPERATOR: Broom/Sweeper.....	\$ 11.38 **	0.00
OPERATOR: Bulldozer.....	\$ 15.74 **	0.00
OPERATOR: Concrete Finishing Machine.....	\$ 15.44 **	0.00
OPERATOR: Crane.....	\$ 20.38	0.00
OPERATOR: Curb Machine.....	\$ 19.33	0.00
OPERATOR: Drill.....	\$ 14.71 **	0.00
OPERATOR: Forklift.....	\$ 11.68 **	0.00
OPERATOR: Gradall.....	\$ 14.71 **	0.00
OPERATOR: Grader/Blade.....	\$ 18.89	0.00
OPERATOR: Loader.....	\$ 13.03 **	0.00
OPERATOR: Mechanic.....	\$ 16.68	0.00

<https://sam.gov/wage-determination/FL20230157/0>

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OPERATOR: Milling Machine.....	\$ 14.76 **	0.00
OPERATOR: Oiler.....	\$ 14.92 **	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 14.35 **	0.00
OPERATOR: Piledriver.....	\$ 17.23	0.00
OPERATOR: Post Driver (Guardrail/Fences).....	\$ 20.22	0.00
OPERATOR: Roller.....	\$ 11.80 **	0.00
OPERATOR: Scraper.....	\$ 12.01 **	0.00
OPERATOR: Screed.....	\$ 13.76 **	0.00
OPERATOR: Trencher.....	\$ 19.99	0.00
PAINTER: Spray.....	\$ 19.57	0.00
TRAFFIC CONTROL: Flagger.....	\$ 12.02 **	0.00
TRUCK DRIVER: Dump Truck.....	\$ 11.55 **	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.28 **	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 15.64 **	0.00
TRUCK DRIVER: Slurry Truck.....	\$ 11.96 **	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.42 **	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$16.20) or 13658 (\$12.15). Please see the Note at the top of the wage determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

<https://sam.gov/wage-determination/FL20230157/0>

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union

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average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

<https://sam.gov/wage-determination/FL20230157/0>

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4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISIO"

<https://sam.gov/wage-determination/FL20230157/0>

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EXHIBIT 11: TITLE VI ASSURANCE – DOT 1050.2A, APPENDICES A and E

APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, **Federal Highway Administration**, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor’s obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the **Federal Highway Administration** to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the **Federal Highway Administration**, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor’s noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the **Federal Highway Administration** may determine to be appropriate, including, but not limited to:
 - a. withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the **Federal Highway Administration** may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

EXHIBIT 12: LAP AGREEMENT

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

525-010-32
PROGRAM MANAGEMENT
03/22

Page **1** of **2**

SUPPLEMENTAL NO. <u>3</u>	FEDERAL ID NO. (FAIN) <u>D219 076 B</u>
CONTRACT NO. <u>G1L27</u>	FEDERAL AWARD DATE <u>04/15/2020</u>
FPN <u>439499-1-58-01</u>	RECIPIENT UNIQUE ENTITY ID SAM NO. <u>H6MEAENCCBM1</u>

Recipient, Alachua County, desires to supplement the original Agreement entered into and executed on April 21, 2020 as identified above. All provisions in the original Agreement and supplements, if any, remain in effect except as expressly modified by this supplement.

The changes to the Agreement and supplements, if any, are described as follows:

PROJECT DESCRIPTION

Name SW 170th St/CR241 from Levy C/L to S of Archer - Widen/Resurface Length 2.600 miles
Termini SW 170th St/CR241 from Levy C/L to S of Archer

Description of Work:
Widen/Resurface exist lanes on SW 170th St/CR241 from Levy C/L to S of Archer in Alachua County

Reason for Supplement and supporting engineering and/or cost analysis:

Time Extension:

The current expiration date of the construction LAP agreement is September 30, 2024. Alachua County is requesting to extend the Agreement until March 30, 2025 (Attachment A). The extension is requested to allow for the completion of Construction and the submittal of closing documentation.

The dates on Exhibit A are amended as follows:
f) Construction to be completed by March 30, 2025

All other terms and conditions of the original Contract shall remain unchanged and in full force and effect.

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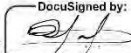
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

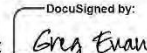
525-010-32
PROGRAM MANAGEMENT
08/19

IN WITNESS WHEREOF, the parties have executed this Agreement on the date last ascribed herein.

RECIPIENT ALACHUA COUNTY

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

DocuSigned by:

By: _____
Name: Ramon D. Gavarrete, P.E.
Title: Public Works Director/County Engineer

DocuSigned by:

By: _____
Name: Greg Evans
Title: District Two Secretary
Date: 06/20/2024 | 9:51 AM EDT

Legal Review:

DocuSigned by:


0D4237CB170D4C2

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Alachua County Public Works Department

Attachment A

June 18, 2024

Cassandra Lamey
District Local Programs Administrator
Program Management
1109 South Marion Ave.
Lake City, FL 32025-5874 MS-2014

RE: SW 170th Street (CR 241) from the Levy County line to South of Archer
Contract No. G1L27
FPN 439499-1- 58-01 & 439499-1-68-01

Dear Mrs. Lamey:

Per the terms of the Local Program Agency Agreement, Section 3, executed on April 21, 2020; Alachua County respectfully requests to extend Exhibit A (Project Description and Responsibilities) Construction Complete date by six months to have the funds expended by March 31, 2025.

Due to a change in federal requirements and the age of the plans and specifications package, it became necessary for the engineer of record to update those and other documents. This process wasn't completed until May 28, 2024. The County is ready to award this contract at our next Board meeting. However, the current contract time would have the project reaching completion after the expiration of the current agreement. This extension will allow the County to complete the project prior to expiration of the agreement. The current agreement will expire on September 30, 2024. We are therefore requesting an extension of six months, or to March 31, 2025, to complete the project and associated close out documentation.

If you have any additional questions, please feel free to contact our office.

Sincerely,

James Flegert, PE
Contracts & Design Manager

Public Works
Ramon D. Gavarrete, P.E.
Public Works Director /
County Engineer
rgavarrete@alachuacounty.us
Tel. (352) 374-5245
Fax: (352) 337-6243

Public Works
Brian C. Kauffman, P.E.
Public Works Assistant Director
bkauffman@alachuacounty.us
Tel. (352) 548-1306
Fax: (352) 337-6243

Road & Bridge
Donald E. Clifton
Road Superintendent
dclifton@alachuacounty.us
Tel. (352) 374-5245
Cell: (352) 213-4832

Fleet Management
Gerald D. Bailey
Fleet Manager
gbailey@alachuacounty.us
Tel. (386) 462-1975
Fax: (386) 418-0331

Administration
Kenneth Fair, CPA, CGFO
Sr. Administrative Support Manager
kfair@alachuacounty.us
Tel. (352) 374-5245
Fax: (352) 337-6244

5620 NW 120th Lane ■ Gainesville, Florida 32653
Tel: (352) 374-5245
<http://www.alachuacounty.us>

If you have a disability and need an accommodation in order to participate in a County program, service or public meeting, please contact the Equal Opportunity Office at 352-374-5275 at least 2 business days prior to the event. TDD users, please call 711 (Florida Relay Service).

RESOLUTION 17-107.

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA, AUTHORIZING THE COUNTY TO ENTER INTO LOCAL AGENCY PROGRAM AGREEMENT WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FOR THE FOLLOWING FOUR PROJECTS: CONSTRUCTION OF SIDEWALKS ON SW 170TH STREET FROM SOUTH OF SW 147TH PLACE TO SW 128TH PLACE, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 329 (MAIN ST) AT WILLISTON ROAD, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 235 AT NW 94TH AVE AND DESIGN AND CONSTRUCTION OF RESURFACING AND WIDENING OF SW 170TH ST FROM LEVY COUNTY TO SOUTH OF ARCHER; AUTHORIZING THE CHAIR TO EXECUTE THE FOUR LOCAL AGENCY PROGRAM AGREEMENTS; AUTHORIZING BUDGET TO ACCOUNT FOR THE AGREEMENTS; AUTHORIZING THE COUNTY MANAGER, PUBLIC WORKS DIRECTOR OR COUNTY ENGINEER TO EXECUTE ANY FUTURE AGREEMENTS OR SUPPLEMENTAL AGREEMENTS RELATED TO THESE PROJECTS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the State of Florida Department of Transportation (FDOT) and the County desire to facilitate design and construction of a sidewalk on SW 170th St, design and construction of safety modifications to CR 235 at NW 94th Ave and CR 329 (Main Street) at Williston Rd and design, widen & resurface SW 170th St, collective referred to as "four projects," in Alachua County, FL; and

WHEREAS, FDOT has requested the County to execute and deliver a Local Agency Program (LAP) Agreements for the four projects; and

WHEREAS, FDOT will require the execution of additional LAP Agreements or Supplemental Agreements to, authorize additional phases, increase funding or extending contract time; and

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA;

DocuSign Envelope ID: C52C56FA-8285-48A2-90BB-56AD2B4B1F2F

1. The Board hereby agrees to enter in the FDOT LAP Agreement for the four projects.
2. The Board authorizes the Chair to execute the FDOT LAP Agreements for the four projects.
3. The Board authorizes the County Manager, Public Works Director or County Engineer to execute any subsequent LAP Agreements or Supplemental Agreements with FDOT for increases funds, extends time or provides funding for additional phases of work for the four projects.
4. A certified copy of this Resolution will be forwarded to FDOT with the executed agreement.
5. This resolution shall take effect immediately upon its adoption.

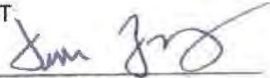
DULY ADOPTED in regular session, this 14th day of September, A.D., 2017

SEAL

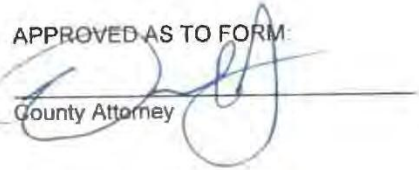
**BOARD OF COUNTY COMMISSIONERS
ALACHUA COUNTY, FLORIDA**

By: 
Ken Cornell, Chair

ATTEST


Jesse K. Irby, II, Clerk

APPROVED AS TO FORM:


County Attorney

DocuSign Envelope ID: DFB171AB-AC72-4096-BA3B-1A1242F69A90

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

525-010-32
PROGRAM MANAGEMENT
03/22

Page 1 of 2

SUPPLEMENTAL NO.
2

FEDERAL ID NO. (FAIN)
D219 076 B

CONTRACT NO.
G1L27

FEDERAL AWARD DATE
04/15/2020

FPN
439499-1-58-01

RECIPIENT UNIQUE ENTITY ID SAM NO.
H6MEAENCCBM1

Recipient, Alachua County, desires to supplement the original Agreement entered into and executed on April 21, 2020 as identified above. All provisions in the original Agreement and supplements, if any, remain in effect except as expressly modified by this supplement.

The changes to the Agreement and supplements, if any, are described as follows:

PROJECT DESCRIPTION

Name SW 170th St/CR241 from Levy C/L to S of Archer - Widen/Resurface Length 2.600 miles

Termini SW 170th St/CR241 from Levy C/L to S of Archer

Description of Work:

Widen/Resurface exist lanes on SW 170th St/CR241 from Levy C/L to S of Archer in Alachua County

Reason for Supplement and supporting engineering and/or cost analysis:

1) **Time Extension:**

The current expiration date of the construction LAP agreement is September 30, 2023. Alachua County is requesting to extend the Agreement until September 30, 2024 (Attachment A). The extension is requested to allow for the completion of Construction and the submittal of closing documentation.

The dates on Exhibit A are amended as follows:

- f) Construction to be completed by September 30, 2024.

All other terms and conditions of the original Contract shall remain unchanged and in full force and effect.

DocuSign Envelope ID: DFB171AB-AC72-4096-BA3B-1A1242F69A90

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

525-010-32
PROGRAM MANAGEMENT
08/19

Page 2 of 2

IN WITNESS WHEREOF, the parties have executed this Agreement on the date last ascribed herein.

RECIPIENT ALACHUA COUNTY

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

DocuSigned by:
Ramon Gavarrete
By: _____
Name: Ramon D. Gavarrete, P.E.
Title: Public Works Director

DocuSigned by:
Greg Evans
By: _____
Name: Greg Evans
Title: District Secretary
Date: 09/07/2023 | 7:04 AM EDT

Legal Review:

DocuSigned by:
Angela Hensel

0D4237CB170D4C2

RESOLUTION 17-107.

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA, AUTHORIZING THE COUNTY TO ENTER INTO LOCAL AGENCY PROGRAM AGREEMENT WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FOR THE FOLLOWING FOUR PROJECTS: CONSTRUCTION OF SIDEWALKS ON SW 170TH STREET FROM SOUTH OF SW 147TH PLACE TO SW 128TH PLACE, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 329 (MAIN ST) AT WILLISTON ROAD, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 235 AT NW 94TH AVE AND DESIGN AND CONSTRUCTION OF RESURFACING AND WIDENING OF SW 170TH ST FROM LEVY COUNTY TO SOUTH OF ARCHER; AUTHORIZING THE CHAIR TO EXECUTE THE FOUR LOCAL AGENCY PROGRAM AGREEMENTS; AUTHORIZING BUDGET TO ACCOUNT FOR THE AGREEMENTS; AUTHORIZING THE COUNTY MANAGER, PUBLIC WORKS DIRECTOR OR COUNTY ENGINEER TO EXECUTE ANY FUTURE AGREEMENTS OR SUPPLEMENTAL AGREEMENTS RELATED TO THESE PROJECTS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the State of Florida Department of Transportation (FDOT) and the County desire to facilitate design and construction of a sidewalk on SW 170th St, design and construction of safety modifications to CR 235 at NW 94th Ave and CR 329 (Main Street) at Williston Rd and design, widen & resurface SW 170th St, collective referred to as "four projects," in Alachua County, FL; and

WHEREAS, FDOT has requested the County to execute and deliver a Local Agency Program (LAP) Agreements for the four projects; and

WHEREAS, FDOT will require the execution of additional LAP Agreements or Supplemental Agreements to, authorize additional phases, increase funding or extending contract time; and

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA;

DocuSign Envelope ID: DFB171AB-AC72-4096-BA3B-1A1242F69A90



Alachua County Public Works Department

Attachment A

Public Works
Ramon D. Gavarrete, P.E.
Public Works Director
rgavarrete@alachuacounty.us
Tel: (352) 374-5245
Fax: (352) 337-6243

Public Works
Brian C. Kauffman
Public Works Assistant Director
bkauffman@alachuacounty.us
Tel: (352) 548-1306
Fax: (352) 337-6243

Road & Bridge
Donald E. Clifton
Road Superintendent
dclifton@alachuacounty.us
Tel: (352) 374-5245
Cell: (352) 213-4832

Fleet Management
Gerald D. Bailey
Fleet Manager
gbailey@alachuacounty.us
Tel: (386) 462-1975
Fax: (386) 418-0331

Critical Facilities
Gerald D. Bailey
Acting Critical Facilities Manager
criticalfacilities@alachuacounty.us
Tel: (352) 491-4513
Fax: (352) 337-6243

Administration
Kenneth Fair, CPA, CGFO
Sr. Administrative Support Manager
kfair@alachuacounty.us
Tel: (352) 374-5245
Fax: (352) 337-6244

August 28, 2023

Cassandra Lamey
District Local Programs Administrator
Program Management
1109 South Marion Ave.
Lake City, FL 32025-5874 MS-2014

RE: SW 170th Street (CR 241) from the Levy County line to South of Archer
Contract No. G1L27
FPN 439499-1- 58-01 & 439499-1-68-01

Dear Mrs. Lamey:

Per the terms of the Local Program Agency Agreement, Section 3, executed on April 21, 2020, Alachua County respectfully requests to extend Exhibit A (Project Description and Responsibilities) Construction Complete date by one year to have the funds expended by September 30, 2024.

Alachua County Public Works was unable to have a bid package ready to advertise until December 2022. Due to a change in federal requirements and the age of the plans and specifications package, it became necessary for the engineer of record to update those and other documents. This process is still underway, and the County anticipates authorization to advertise within the next month. This extension would allow the County to complete the project within the next year which should be adequate if the project can be advertised in October. The current agreement will expire on September 30, 2023. We are therefore requesting an extension of one year, or to September 30, 2024, to complete the project and associated close out documentation.

If you have any additional questions, please feel free to contact our office.

Sincerely,

James Flegert, PE
Contracts & Design Manager

5620 NW 120th Lane ■ Gainesville, Florida 32653
Tel: (352) 374-5245
<http://www.alachuacounty.us>

If you have a disability and need an accommodation in order to participate in a County program, service or public meeting, please contact the Equal Opportunity Office at 352-374-5275 at least 2 business days prior to the event. TDD users, please call 711 (Florida Relay Service).

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

525-010-32
PROGRAM MANAGEMENT
03/22

Page 1 of 2

SUPPLEMENTAL NO.
1

FEDERAL ID NO. (FAIN)
D219 076 B

CONTRACT NO.
G1L27

FEDERAL AWARD DATE

FPN
439499-1-58-01 & 68-01

RECIPIENT UNIQUE ENTITY ID SAM NO.
H6MEAENCCBM1

Recipient, Alachua County, desires to supplement the original Agreement entered into and executed on April 21, 2020 as identified above. All provisions in the original Agreement and supplements, if any, remain in effect except as expressly modified by this supplement.

The changes to the Agreement and supplements, if any, are described as follows:

PROJECT DESCRIPTION

Name SW 170th St/CR241 from Levy C/L to S of Archer - Widen/Resurface Length 2.600 miles

Termini SW 170th St/CR241 from Levy C/L to S of Archer

Description of Work:

Widen/Resurface exist lanes on SW 170th St/CR241 from Levy C/L to S of Archer in Alachua County

Reason for Supplement and supporting engineering and/or cost analysis:

1) Time Extension:

The current expiration date of the construction LAP agreement is September 30, 2022. Alachua County is requesting to extend the Agreement until September 30, 2023 (Attachment A). The extension is requested to allow for the completion of Construction and the submittal of closing documentation.

The dates on Exhibit A are amended as follows:

- f) Construction to be completed by September 30, 2023.

All other terms and conditions of the original Contract shall remain unchanged and in full force and effect.

DocuSign Envelope ID: BDACBC58-D4C8-42E0-9E14-DE119F6EDDC9

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

525-010-32
PROGRAM MANAGEMENT
08/19

IN WITNESS WHEREOF, the parties have executed this Agreement on the date last ascribed herein.

RECIPIENT ALACHUA COUNTY

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

DocuSigned by:
Ramon Gavarrete
By: _____
B236E9F43D844D1
Name: Ramon D. Gavarrete, P.E.
Title: Public Works Director

DocuSigned by:
Greg Evans
By: _____
8A93B7203EC34A
Name: Greg Evans
Title: District Secretary
Date: 9/12/2022 | 9:58 AM EDT

Legal Review:

DocuSigned by:
Angela Hensel

0D4237CB170D4C2

DocuSign Envelope ID: BDAC8C58-D4C8-42E0-9E14-DE119F6EDDC9



Alachua County Public Works Department

Public Works
Ramon D. Gavarrete, P.E.
Public Works Director
rgavarrete@alachuacounty.us
Tel: (352) 374-5245
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Critical Facilities
Gerald D. Bailey
Acting Critical Facilities Manager
criticalfacilities@alachuacounty.us
Tel: (352) 491-4513
Fax: (352) 337-6243

Administration
Kenneth Fair, CPA, CGFO
Sr. Administrative Support Manager
kfair@alachuacounty.us
Tel: (352) 374-5245
Fax: (352) 337-6244

July 31, 2022

Cassandra Lamey
District Local Programs Administrator
Program Management
1109 South Marion Ave.
Lake City, FL 32025-5874 MS-2014

RE: SW 170th Street (CR 241) from the Levy County line to South of Archer
Contract No. G1L27
FPN 439499-1- 58-01 & 439499-1-68-01

Dear Mrs. Lamey:

Per the terms of the Local Program Agency Agreement, Section 3, executed on April 21, 2020; Alachua County respectfully requests to extend Exhibit A (Project Description and Responsibilities) Construction Complete date by one year to have the funds expended by September 30, 2023.

Alachua County Public Works received an authorization to advertise and notice to proceed with construction for this project on April 21, 2020. The project has not been out to bid yet. During the preparation of bid documents and review of the final estimate, it was determined that there were insufficient funds available to complete the entirety of the project. Efforts were made to secure supplemental funding from both local and FDOT sources. These attempts were not successful. This meant that the scope of the project needed to be reduced and bid documents necessarily revised. Revisions were made in the County funded portions of the project so that grant funded portions of the project remained intact. These changes are complete, and the project will again be ready to advertise this fall. The current agreement will expire on September 30, 2022. We are therefore requesting an extension of one year, or to September 30, 2023, to complete the project and associated close out documentation.

If you have any additional questions, please feel free to contact our office.

Sincerely,

James Flegert

James Flegert, PE
Contracts & Design Manager

5620 NW 120th Lane ■ Gainesville, Florida 32653
Tel: (352) 374-5245
<http://www.alachuacounty.us>

If you have a disability and need an accommodation in order to participate in a County program, service or public meeting, please contact the Equal Opportunity Office at 352-374-5275 at least 2 business days prior to the event. TDD users, please call 711 (Florida Relay Service).

RESOLUTION 17-107,

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA, AUTHORIZING THE COUNTY TO ENTER INTO LOCAL AGENCY PROGRAM AGREEMENT WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FOR THE FOLLOWING FOUR PROJECTS: CONSTRUCTION OF SIDEWALKS ON SW 170TH STREET FROM SOUTH OF SW 147TH PLACE TO SW 128TH PLACE, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 329 (MAIN ST) AT WILLISTON ROAD, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 235 AT NW 94TH AVE AND DESIGN AND CONSTRUCTION OF RESURFACING AND WIDENING OF SW 170TH ST FROM LEVY COUNTY TO SOUTH OF ARCHER; AUTHORIZING THE CHAIR TO EXECUTE THE FOUR LOCAL AGENCY PROGRAM AGREEMENTS; AUTHORIZING BUDGET TO ACCOUNT FOR THE AGREEMENTS; AUTHORIZING THE COUNTY MANAGER, PUBLIC WORKS DIRECTOR OR COUNTY ENGINEER TO EXECUTE ANY FUTURE AGREEMENTS OR SUPPLEMENTAL AGREEMENTS RELATED TO THESE PROJECTS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the State of Florida Department of Transportation (FDOT) and the County desire to facilitate design and construction of a sidewalk on SW 170th St, design and construction of safety modifications to CR 235 at NW 94th Ave and CR 329 (Main Street) at Williston Rd and design, widen & resurface SW 170th St, collective referred to as "four projects," in Alachua County, FL; and

WHEREAS, FDOT has requested the County to execute and deliver a Local Agency Program (LAP) Agreements for the four projects; and

WHEREAS, FDOT will require the execution of additional LAP Agreements or Supplemental Agreements to, authorize additional phases, increase funding or extending contract time; and

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA;

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM AGREEMENT

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PROGRAM MANAGEMENT
OGC/OOC-12/18
Page 1 of 16

FPN: <u>439499-1-58-01</u>	FPN: <u>439499-1-68-01</u>	FPN: _____
Federal No (FAIN): <u>D219-076-B</u>	Federal No (FAIN): <u>D219-076-B</u>	Federal No (FAIN): _____
Federal Award Date: _____	Federal Award Date: _____	Federal Award Date: _____
Fund: <u>ACSS</u>	Fund: <u>ACSS</u>	Fund: _____
Org Code: <u>55024010206</u>	Org Code: <u>55024010206</u>	Org Code: _____
FLAIR Approp: _____	FLAIR Approp: _____	FLAIR Approp: _____
FLAIR Obj: _____	FLAIR Obj: _____	FLAIR Obj: _____
County No: <u>Alachua</u>	Contract No: <u>G1L27</u>	
Recipient Vendor No: <u>F596000501 002</u>	Recipient DUNS No: <u>010508711</u>	
Catalog of Federal Domestic Assistance (CFDA): <u>20.205 Highway Planning and Construction</u>		

THIS LOCAL AGENCY PROGRAM AGREEMENT ("Agreement"), is entered into on 4/21/2020 11:43 AM EDT by and between the State of Florida Department of Transportation, an agency of the State of Florida ("Department"), and Alachua County ("Recipient").
(This date to be entered by DOT only)

NOW, THEREFORE, in consideration of the mutual benefits to be derived from joint participation on the Project, the Parties agree to the following:

1. **Authority:** The Department is authorized to enter into this Agreement pursuant to Section 339.12, Florida Statutes. The Recipient by Resolution or other form of official authorization, a copy of which is attached as **Exhibit "D"** and made a part of this Agreement, has authorized its officers to execute this Agreement on its behalf.
2. **Purpose of Agreement:** The purpose of this Agreement is to provide for the Department's participation in construction and oversight of widening and resurfacing SW 170th Street (CR 241) from the Levy County line to South of Archer, as further described in **Exhibit "A"**, Project Description and Responsibilities attached to and incorporated in this Agreement ("Project"), to provide Department financial assistance to the Recipient; state the terms and conditions upon which Department funds will be provided; and to set forth the manner in which the Project will be undertaken and completed.
3. **Term of Agreement:** The Recipient agrees to complete the Project on or before 9/30/2022. If the Recipient does not complete the Project within this time period, this Agreement will expire on the last day of the scheduled completion as provided in this paragraph unless an extension of the time period is requested by the Recipient and granted in writing by the Department prior to the expiration of this Agreement. Expiration of this Agreement will be considered termination of the Project. The cost of any work performed after the term of this Agreement will not be reimbursed by the Department.
4. **Project Cost:**
 - a. The estimated cost of the Project is \$ 3,916,910.00. This amount is based upon the Schedule of Financial Assistance in **Exhibit "B"**, attached to and incorporated in this Agreement. **Exhibit "B"** may be modified by mutual execution of an amendment as provided for in paragraph 5.i.
 - b. The Department agrees to participate in the Project cost up to the maximum amount of \$3,916,910.00 and as more fully described in **Exhibit "B"**. This amount includes Federal-aid funds which are limited to the actual amount of Federal-aid participation. The Department's participation may be increased or reduced upon determination of the actual bid amounts of the Project by the mutual execution of an amendment. The Recipient agrees to bear all expenses in excess of the total cost of the Project and any deficits incurred in connection with the completion of the Project.
 - c. Project costs eligible for Department participation will be allowed only from the date of this Agreement. It is understood that Department participation in eligible Project costs is subject to:

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM AGREEMENT

525-010-40
PROGRAM MANAGEMENT
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Page 2 of 15

- i. Legislative approval of the Department's appropriation request in the work program year that the Project is scheduled to be committed;
- ii. Availability of funds as stated in paragraphs 5.l. and 5.m. of this Agreement;
- iii. Approval of all plans, specifications, contracts or other obligating documents and all other terms of this Agreement; and
- iv. Department approval of the Project scope and budget at the time appropriation authority becomes available.

5. Requisitions and Payments

- a. The Recipient shall provide quantifiable, measurable, and verifiable units of deliverables. Each deliverable must specify the required minimum level of service to be performed and the criteria for evaluating successful completion. The Project and the quantifiable, measurable, and verifiable units of deliverables are described more fully in **Exhibit "A"**.
- b. Invoices shall be submitted by the Recipient in detail sufficient for a proper pre-audit and post-audit based on the quantifiable, measurable and verifiable units of deliverables as established in **Exhibit "A"**. Deliverables must be received and accepted in writing by the Department's Project Manager prior to payments. Requests for reimbursement by the Recipient shall include an invoice, progress report and supporting documentation for the period of services being billed that are acceptable to the Department. The Recipient shall use the format for the invoice and progress report that is approved by the Department.
- c. The Recipient shall charge to the Project account all eligible costs of the Project except costs agreed to be borne by the Recipient or its contractors and subcontractors. Costs in excess of the programmed funding or attributable to actions which have not received the required approval of the Department shall not be considered eligible costs. All costs charged to the Project, including any approved services contributed by the Recipient or others, shall be supported by properly executed payrolls, time records, invoices, contracts or vouchers evidencing in proper detail the nature and propriety of the charges.
- d. Supporting documentation must establish that the deliverables were received and accepted in writing by the Recipient and must also establish that the required minimum level of service to be performed based on the criteria for evaluating successful completion as specified in **Exhibit "A"** was met. All costs invoiced shall be supported by properly executed payrolls, time records, invoices, contracts or vouchers evidencing in proper detail the nature and propriety of charges as described in **Exhibit "F"**, Contract Payment Requirements.
- e. Bills for travel expenses specifically authorized in this Agreement shall be submitted on the Department's Contractor Travel Form No. 300-000-06 and will be paid in accordance with Section 112.061, Florida Statutes and the most current version of the Disbursement Handbook for Employees and Managers.
- f. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the Chief Financial Officer of the State of Florida under Chapters 215 and 216, Florida Statutes or the Department's Comptroller under Section 334.044(29), Florida Statutes.
 - If this box is selected, advance payment is authorized for this Agreement and **Exhibit "H"**, Alternative Advance Payment Financial Provisions is attached and incorporated into this Agreement.

If the Department determines that the performance of the Recipient is unsatisfactory, the Department shall notify the Recipient of the deficiency to be corrected, which correction shall be made within a time-frame to be specified by the Department. The Recipient shall, within thirty (30) days after notice from the Department, provide the Department with a corrective action plan describing how the Recipient will address all issues of contract non-performance, unacceptable performance, failure to meet the minimum performance levels, deliverable deficiencies, or contract non-compliance. If the corrective action plan is unacceptable to the

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM AGREEMENT

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Page 3 of 16

Department, the Recipient will not be reimbursed to the extent of the non-performance. The Recipient will not be reimbursed until the Recipient resolves the deficiency. If the deficiency is subsequently resolved, the Recipient may bill the Department for the unpaid reimbursement request(s) during the next billing period. If the Recipient is unable to resolve the deficiency, the funds shall be forfeited at the end of the Agreement's term.

- g. Agencies providing goods and services to the Department should be aware of the following time frames. Inspection and approval of goods or services shall take no longer than 20 days from the Department's receipt of the invoice. The Department has 20 days to deliver a request for payment (voucher) to the Department of Financial Services. The 20 days are measured from the latter of the date the invoice is received or the goods or services are received, inspected, and approved.

If a payment is not available within 40 days, a separate interest penalty at a rate as established pursuant to *Section 55.03(1), F.S.*, will be due and payable, in addition to the invoice amount, to the Recipient. Interest penalties of less than one (1) dollar will not be enforced unless the Recipient requests payment. Invoices that have to be returned to an Recipient because of Recipient preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for Agencies who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516.

- h. The Recipient shall maintain an accounting system or separate accounts to ensure funds and projects are tracked separately. Records of costs incurred under the terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for five years after final payment is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred include the Recipient's general accounting records and the project records, together with supporting documents and records, of the contractor and all subcontractors performing work on the project, and all other records of the Contractor and subcontractors considered necessary by the Department for a proper audit of costs.
- i. Prior to the execution of this Agreement, a Project schedule of funding shall be prepared by the Recipient and approved by the Department. The Recipient shall maintain said schedule of funding, carry out the Project, and shall incur obligations against and make disbursements of Project funds only in conformity with the latest approved schedule of funding for the Project. The schedule of funding may be revised by execution of a Local Agency Program ("LAP") Supplemental Agreement between the Department and the Recipient. The Recipient acknowledges and agrees that funding for this project may be reduced upon determination of the Recipient's contract award amount.
- j. If, after Project completion, any claim is made by the Department resulting from an audit or for work or services performed pursuant to this Agreement, the Department may offset such amount from payments due for work or services done under any agreement which it has with the Recipient owing such amount if, upon demand, payment of the amount is not made within 60 days to the Department. Offsetting any amount pursuant to this paragraph shall not be considered a breach of contract by the Department.
- k. The Recipient must submit the final invoice on the Project to the Department within 120 days after the completion of the Project. Invoices submitted after the 120-day time period may not be paid.
- l. The Department's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. If the Department's funding for this Project is in multiple fiscal years, funds approval from the Department's Comptroller must be received each fiscal year prior to costs being incurred. See **Exhibit "B"** for funding levels by fiscal year. Project costs utilizing these fiscal year funds are not eligible for reimbursement if incurred prior to funds approval being received. The Department will notify the Recipient, in writing, when funds are available.
- m. In the event this Agreement is in excess of \$25,000 and has a term for a period of more than one year, the provisions of Section 339.135(6)(a), Florida Statutes, are hereby incorporated:

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM AGREEMENT

525-010-40
PROGRAM MANAGEMENT
OGC000C- 12/18
Page 4 of 18

"The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the comptroller of the Department that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding 1 year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years, and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of \$25,000 and which have a term for a period of more than 1 year."

6. Department Payment Obligations:

Subject to other provisions of this Agreement, the Department will honor requests for reimbursement to the Recipient pursuant to this Agreement. However, notwithstanding any other provision of this Agreement, the Department may elect by notice in writing not to make a payment if:

- a. The Recipient shall have made misrepresentation of a material nature in its application, or any supplement or amendment to its application, or with respect to any document or data furnished with its application or pursuant to this Agreement;
- b. There is any pending litigation with respect to the performance by the Recipient of any of its duties or obligations which may jeopardize or adversely affect the Project, the Agreement or payments to the Project;
- c. The Recipient shall have taken any action pertaining to the Project which, under this Agreement, requires the approval of the Department or has made a related expenditure or incurred related obligations without having been advised by the Department that same are approved;
- d. There has been any violation of the conflict of interest provisions contained in paragraph 14.f.; or
- e. The Recipient has been determined by the Department to be in default under any of the provisions of the Agreement.

The Department may suspend or terminate payment for that portion of the Project which the Federal Highway Administration ("FHWA"), or the Department acting in lieu of FHWA, may designate as ineligible for Federal-aid.

In determining the amount of the payment, the Department will exclude all Project costs incurred by the Recipient prior to the Department's issuance of a Notice to Proceed ("NTP"), costs incurred after the expiration of the Agreement, costs which are not provided for in the latest approved schedule of funding in Exhibit "B" for the Project, costs agreed to be borne by the Recipient or its contractors and subcontractors for not meeting the Project commencement and final invoice time lines, and costs attributable to goods or services received under a contract or other arrangements which have not been approved in writing by the Department.

7. General Requirements:

The Recipient shall complete the Project with all practical dispatch, in a sound, economical, and efficient manner, and in accordance with the provisions in this Agreement, and all applicable laws. The Project will be performed in accordance with all applicable Department procedures, guidelines, manuals, standards, and directives as described in the Department's Local Agency Program Manual (FDOT Topic No. 525-010-300), which by this reference is made a part of this Agreement. Time is of the essence as to each and every obligation under this Agreement.

- a. A full time employee of the Recipient, qualified to ensure that the work being pursued is complete, accurate, and consistent with the terms, conditions, and specifications of this Agreement shall be in responsible charge of the Project, which employee should be able to perform the following duties and functions:
 - i. Administers inherently governmental project activities, including those dealing with cost, time,

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- adherence to contract requirements, construction quality and scope of Federal-aid projects;
- ii. Maintains familiarity of day to day Project operations, including Project safety issues;
 - iii. Makes or participates in decisions about changed conditions or scope changes that require change orders or supplemental agreements;
 - iv. Visits and reviews the Project on a frequency that is commensurate with the magnitude and complexity of the Project;
 - v. Reviews financial processes, transactions and documentation to ensure that safeguards are in place to minimize fraud, waste, and abuse;
 - vi. Directs Project staff, agency or consultant, to carry out Project administration and contract oversight, including proper documentation;
 - vii. Is aware of the qualifications, assignments and on-the-job performance of the Recipient and consultant staff at all stages of the Project.
- b. Once the Department issues the NTP for the Project, the Recipient shall be obligated to submit an invoice or other request for reimbursement to the Department no less than once every 90 days (quarterly), beginning from the day the NTP is issued. If the Recipient fails to submit quarterly invoices to the Department, and in the event the failure to timely submit invoices to the Department results in the FHWA removing any unbilled funding or the loss of state appropriation authority (which may include the loss of state and federal funds, if there are state funds programmed to the Project), then the Recipient will be solely responsible to provide all funds necessary to complete the Project and the Department will not be obligated to provide any additional funding for the Project. The Recipient waives the right to contest such removal of funds by the Department, if the removal is related to FHWA's withdrawal of funds or if the removal is related to the loss of state appropriation authority. In addition to the loss of funding for the Project, the Department will also consider the de-certification of the Recipient for future LAP Projects. No cost may be incurred under this Agreement until after the Recipient has received a written NTP from the Department. The Recipient agrees to advertise or put the Project out to bid thirty (30) days from the date the Department issues the NTP to advertise the Project. If the Recipient is not able to meet the scheduled advertisement, the Department District LAP Administrator should be notified as soon as possible.
 - c. If all funds are removed from the Project, including amounts previously billed to the Department and reimbursed to the Recipient, and the Project is off the State Highway System, then the Department will have to request repayment for the previously billed amounts from the Recipient. No state funds can be used on off-system projects, unless authorized pursuant to **Exhibit "I"**, State Funds Addendum, which will be attached to and incorporated in this Agreement in the event state funds are used on the Project.
 - d. In the event that any election, referendum, approval, permit, notice or other proceeding or authorization is required under applicable law to enable the Recipient to enter into this Agreement or to undertake the Project or to observe, assume or carry out any of the provisions of the Agreement, the Recipient will initiate and consummate, as provided by law, all actions necessary with respect to any such matters.
 - e. The Recipient shall initiate and prosecute to completion all proceedings necessary, including Federal-aid requirements, to enable the Recipient to provide the necessary funds for completion of the Project.
 - f. The Recipient shall submit to the Department such data, reports, records, contracts, and other documents relating to the Project as the Department and FHWA may require. The Recipient shall make such submissions using Department-designated information systems.
 - g. Federal-aid funds shall not participate in any cost which is not incurred in conformity with applicable federal and state laws, the regulations in 23 Code of Federal Regulations (C.F.R.) and 49 C.F.R., and policies and procedures prescribed by the Division Administrator of FHWA. Federal funds shall not be paid on account of any cost incurred prior to authorization by FHWA to the Department to proceed with the Project or part thereof involving such cost (23 C.F.R. 1.9 (a)). If FHWA or the Department determines that any amount

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claimed is not eligible, federal participation may be approved in the amount determined to be adequately supported and the Department shall notify the Recipient in writing citing the reasons why items and amounts are not eligible for federal participation. Where correctable non-compliance with provisions of law or FHWA requirements exists federal funds may be withheld until compliance is obtained. Where non-compliance is not correctable, FHWA or the Department may deny participation in parcel or Project costs in part or in total. For any amounts determined to be ineligible for federal reimbursement for which the Department has advanced payment, the Recipient shall promptly reimburse the Department for all such amounts within 90 days of written notice.

- h. For any project requiring additional right-of-way, the Recipient must submit to the Department an annual report of its real property acquisition and relocation assistance activities on the project. Activities shall be reported on a federal fiscal year basis, from October 1 through September 30. The report must be prepared using the format prescribed in 49 C.F.R. Part 24, Appendix B, and be submitted to the Department no later than October 15 of each year.

8. Audit Reports:

The administration of resources awarded through the Department to the Recipient by this Agreement may be subject to audits and/or monitoring by the Department. The following requirements do not limit the authority of the Department to conduct or arrange for the conduct of additional audits or evaluations of federal awards or limit the authority of any state agency inspector general, the State of Florida Auditor General, or any other state official. The Recipient shall comply with all audit and audit reporting requirements as specified below.

- a. In addition to reviews of audits conducted in accordance with 2 CFR Part 200, Subpart F – Audit Requirements, monitoring procedures may include, but not be limited to, on-site visits by Department staff and/or other procedures including, reviewing any required performance and financial reports, following up, ensuring corrective action, and issuing management decisions on weaknesses found through audits when those findings pertain to federal awards provided through the Department by this Agreement. By entering into this Agreement, the Recipient agrees to comply and cooperate fully with any monitoring procedures/processes deemed appropriate by the Department. The Recipient further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Department, State of Florida Chief Financial Officer ("CFO"), or State of Florida Auditor General.
- b. The Recipient, a non-federal entity as defined by 2 CFR Part 200, as a subrecipient of a federal award awarded by the Department through this Agreement is subject to the following requirements:
 - i. In the event the Recipient expends a total amount of federal awards equal to or in excess of the threshold established by 2 CFR Part 200, Subpart F – Audit Requirements, the Recipient must have a federal single or program-specific audit for such fiscal year conducted in accordance with the provisions of 2 CFR Part 200, Subpart F – Audit Requirements. Exhibit "E" to this Agreement provides the required federal award identification information needed by the Recipient to further comply with the requirements of 2 CFR Part 200, Subpart F – Audit Requirements. In determining federal awards expended in a fiscal year, the Recipient must consider all sources of federal awards based on when the activity related to the federal award occurs, including the federal award provided through the Department by this Agreement. The determination of amounts of federal awards expended should be in accordance with the guidelines established by 2 CFR Part 200, Subpart F – Audit Requirements. An audit conducted by the State of Florida Auditor General in accordance with the provisions of 2 CFR Part 200, Subpart F – Audit Requirements, will meet the requirements of this part.
 - ii. In connection with the audit requirements, the Recipient shall fulfill the requirements relative to the auditee responsibilities as provided in 2 CFR Part 200, Subpart F – Audit Requirements.

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- iii. In the event the Recipient expends less than the threshold established by 2 CFR Part 200, Subpart F – Audit Requirements, in federal awards, the Recipient is exempt from federal audit requirements for that fiscal year. However, the Recipient must provide a single audit exemption statement to the Department at FDOTSingleAudit@dot.state.fl.us no later than nine months after the end of the Recipient's audit period for each applicable audit year. In the event the Recipient expends less than the threshold established by 2 CFR Part 200, Subpart F – Audit Requirements, in federal awards in a fiscal year and elects to have an audit conducted in accordance with the provisions of 2 CFR Part 200, Subpart F – Audit Requirements, the cost of the audit must be paid from non-federal resources (*i.e.*, the cost of such an audit must be paid from the Recipient's resources obtained from other than federal entities).
- iv. The Recipient must electronically submit to the Federal Audit Clearinghouse ("FAC") at <https://harvester.census.gov/facweb/> the audit reporting package as required by 2 CFR Part 200, Subpart F – Audit Requirements, within the earlier of 30 calendar days after receipt of the auditor's report(s) or nine months after the end of the audit period. The FAC is the repository of record for audits required by 2 CFR Part 200, Subpart F – Audit Requirements, and this Agreement. However, the Department requires a copy of the audit reporting package also be submitted to FDOTSingleAudit@dot.state.fl.us within the earlier of 30 calendar days after receipt of the auditor's report(s) or nine months after the end of the audit period as required by 2 CFR Part 200, Subpart F – Audit Requirements.
- v. Within six months of acceptance of the audit report by the FAC, the Department will review the Recipient's audit reporting package, including corrective action plans and management letters, to the extent necessary to determine whether timely and appropriate action on all deficiencies has been taken pertaining to the federal award provided through the Department by this Agreement. If the Recipient fails to have an audit conducted in accordance with 2 CFR Part 200, Subpart F – Audit Requirements, the Department may impose additional conditions to remedy noncompliance. If the Department determines that noncompliance cannot be remedied by imposing additional conditions, the Department may take appropriate actions to enforce compliance, which actions may include but not be limited to the following:
 - 1. Temporarily withhold cash payments pending correction of the deficiency by the Recipient or more severe enforcement action by the Department;
 - 2. Disallow (deny both use of funds and any applicable matching credit for) all or part of the cost of the activity or action not in compliance;
 - 3. Wholly or partly suspend or terminate the federal award;
 - 4. Initiate suspension or debarment proceedings as authorized under 2 C.F.R. Part 180 and federal awarding agency regulations (or in the case of the Department, recommend such a proceeding be initiated by the federal awarding agency);
 - 5. Withhold further federal awards for the Project or program;
 - 6. Take other remedies that may be legally available.
- vi. As a condition of receiving this federal award, the Recipient shall permit the Department or its designee, the CFO, or State of Florida Auditor General access to the Recipient's records including financial statements, the independent auditor's working papers, and project records as necessary. Records related to unresolved audit findings, appeals, or litigation shall be retained until the action is complete or the dispute is resolved.
- vii. The Department's contact information for requirements under this part is as follows:

Office of Comptroller, MS 24
605 Suwannee Street
Tallahassee, Florida 32399-0450
FDOTSingleAudit@dot.state.fl.us
- c. The Recipient shall retain sufficient records demonstrating its compliance with the terms of this Agreement for a period of five years from the date the audit report is issued and shall allow the Department or its designee, the CFO, or State of Florida Auditor General access to such records upon request. The Recipient shall ensure that the audit working papers are made available to the Department or its designee, the CFO, or State of Florida Auditor General upon request for a period of five years from the date the audit report is issued, unless extended in writing by the Department.

9. Termination or Suspension of Project:

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The Department may, by written notice to the Recipient, suspend any or all of the Department's obligations under this Agreement for the Recipient's failure to comply with applicable law or the terms of this Agreement until such time as the event or condition resulting in such suspension has ceased or been corrected.

- a. If the Department intends to terminate the Agreement, the Department shall notify the Recipient of such termination in writing at least thirty (30) days prior to the termination of the Agreement, with instructions to the effective date of termination or specify the stage of work at which the Agreement is to be terminated.
- b. The Parties to this Agreement may terminate this Agreement when its continuation would not produce beneficial results commensurate with the further expenditure of funds. In this event, the Parties shall agree upon the termination conditions.
- c. If the Agreement is terminated before performance is completed, the Recipient shall be paid only for that work satisfactorily performed for which costs can be substantiated. Such payment, however, may not exceed the equivalent percentage of the Department's maximum financial assistance. If any portion of the Project is located on the Department's right-of-way, then all work in progress on the Department right-of-way will become the property of the Department and will be turned over promptly by the Recipient.
- d. In the event the Recipient fails to perform or honor the requirements and provisions of this Agreement, the Recipient shall promptly refund in full to the Department within thirty (30) days of the termination of the Agreement any funds that were determined by the Department to have been expended in violation of the Agreement.
- e. The Department reserves the right to unilaterally cancel this Agreement for failure by the Recipient to comply with the Public Records provisions of Chapter 119, Florida Statutes.

10. Contracts of the Recipient:

- a. Except as otherwise authorized in writing by the Department, the Recipient shall not execute any contract or obligate itself in any manner requiring the disbursement of Department funds, including consultant or construction contracts or amendments thereto, with any third party with respect to the Project without the written approval of the Department. Failure to obtain such approval shall be sufficient cause for nonpayment by the Department. The Department specifically reserves the right to review the qualifications of any consultant or contractor and to approve or disapprove the employment of such consultant or contractor.
- b. It is understood and agreed by the parties to this Agreement that participation by the Department in a project with the Recipient, where said project involves a consultant contract for engineering, architecture or surveying services, is contingent on the Recipient's complying in full with provisions of Section 287.055, Florida Statutes, Consultants' Competitive Negotiation Act, the federal Brooks Act, 23 C.F.R. 172, and 23 U.S.C. 112. At the discretion of the Department, the Recipient will involve the Department in the consultant selection process for all projects funded under this Agreement. In all cases, the Recipient shall certify to the Department that selection has been accomplished in compliance with the Consultants' Competitive Negotiation Act and the federal Brooks Act.
- c. The Recipient shall comply with, and require its consultants and contractors to comply with applicable federal law pertaining to the use of Federal-aid funds. The Recipient shall comply with the provisions in the FHWA-1273 form as set forth in Exhibit "G", FHWA 1273 attached to and incorporated in this Agreement. The Recipient shall include FHWA-1273 in all contracts with contractors performing work on the Project.

11. Disadvantaged Business Enterprise (DBE) Policy and Obligation:

It is the policy of the Department that DBE's, as defined in 49 C.F.R. Part 26, as amended, shall have the opportunity to participate in the performance of contracts financed in whole or in part with Department funds under this Agreement. The DBE requirements of applicable federal and state laws and regulations apply to this Agreement.

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The Recipient and its contractors agree to ensure that DBE's have the opportunity to participate in the performance of this Agreement. In this regard, all recipients and contractors shall take all necessary and reasonable steps in accordance with applicable federal and state laws and regulations to ensure that the DBE's have the opportunity to compete for and perform contracts. The Recipient and its contractors and subcontractors shall not discriminate on the basis of race, color, national origin or sex in the award and performance of contracts, entered pursuant to this Agreement.

12. Compliance with Conditions and Laws:

The Recipient shall comply and require its contractors and subcontractors to comply with all terms and conditions of this Agreement and all federal, state, and local laws and regulations applicable to this Project. Execution of this Agreement constitutes a certification that the Recipient is in compliance with, and will require its contractors and subcontractors to comply with, all requirements imposed by applicable federal, state, and local laws and regulations, including the "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transactions," in 49 C.F.R. Part 29, and 2 C.F.R. Part 200 when applicable.

13. Performance Evaluations:

Recipients are evaluated on a project-by-project basis. The evaluations provide information about oversight needs and provide input for the recertification process. Evaluations are submitted to the Recipient's person in responsible charge or designee as part of the Project closeout process. The Department provides the evaluation to the Recipient no more than 30 days after final acceptance.

- a. Each evaluation will result in one of three ratings. A rating of Unsatisfactory Performance means the Recipient failed to develop the Project in accordance with applicable federal and state regulations, standards and procedures, required excessive District involvement/oversight, or the Project was brought in-house by the Department. A rating of Satisfactory Performance means the Recipient developed the Project in accordance with applicable federal and state regulations, standards and procedures, with minimal District involvement/oversight. A rating of Above Satisfactory Performance means the Recipient developed the Project in accordance with applicable federal and state regulations, standards and procedures, and the Department did not have to exceed the minimum oversight and monitoring requirements identified for the project.
- b. The District will determine which functions can be further delegated to Recipients that continuously earn Satisfactory and Above Satisfactory evaluations.

14. Restrictions, Prohibitions, Controls, and Labor Provisions:

During the performance of this Agreement, the Recipient agrees as follows, and agrees to require its contractors and subcontractors to include in each subcontract the following provisions:

- a. The Recipient will comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964, the regulations of the U.S. Department of Transportation issued thereunder, and the assurance by the Recipient pursuant thereto. The Recipient shall include the attached Exhibit "C", Title VI Assurances in all contracts with consultants and contractors performing work on the Project that ensure compliance with Title VI of the Civil Rights Act of 1964, 49 C.F.R. Part 21, and related statutes and regulations.
- b. The Recipient will comply with all the requirements as imposed by the ADA, the regulations of the Federal Government issued thereunder, and assurance by the Recipient pursuant thereto.
- c. A person or affiliate who has been placed on the convicted vendor list following a conviction for 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, Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

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- d. In accordance with Section 287.134, Florida Statutes, an entity or affiliate who has been placed on the Discriminatory Vendor List, kept by the Florida Department of Management Services, may not submit a bid on a contract to provide goods or services to a public entity; may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids on leases of real property to a public entity; may not 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.
- e. An entity or affiliate who has had its Certificate of Qualification suspended, revoked, denied or have further been determined by the Department to be a non-responsible contractor may not submit a bid or perform work for the construction or repair of a public building or public work on a contract with the Recipient.
- f. Neither the Recipient nor any of its contractors or their subcontractors shall enter into any contract, subcontract or arrangement in connection with the Project or any property included or planned to be included in the Project in which any member, officer or employee of the Recipient or the locality during tenure or for 2 years thereafter has any interest, direct or indirect. If any such present or former member, officer or employee involuntarily acquires or had acquired prior to the beginning of tenure any such interest, and if such interest is immediately disclosed to the Recipient, the Recipient, with prior approval of the Department, may waive the prohibition contained in this paragraph provided that any such present member, officer or employee shall not participate in any action by the Recipient or the locality relating to such contract, subcontract or arrangement. The Recipient shall insert in all contracts entered into in connection with the Project or any property included or planned to be included in any Project, and shall require its contractors to insert in each of their subcontracts, the following provision:

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

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

- g. No member or delegate to the Congress of the United States shall be admitted to any share or part of this Agreement or any benefit arising therefrom.

15. Indemnification and Insurance:

- a. It is specifically agreed between the parties executing this Agreement that it is not intended by any of the provisions of any part of this 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. The Recipient guarantees the payment of all just claims for materials, supplies, tools, or labor and other just claims against the Recipient or any subcontractor, in connection with this Agreement.
- b. To the extent provided by law, Recipient shall indemnify, defend, and hold harmless the Department against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful act(s) of Recipient, 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 Recipient 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 Recipient to indemnify the Department for the negligent acts or omissions of the Department, its officers, agents, or employees, or for the acts of third parties. Nothing herein shall be construed as consent by Recipient to be sued by third parties in any manner arising out of this Agreement. This indemnification shall survive the termination of this Agreement.
- c. Recipient agrees to include the following indemnification in all contracts with contractors, subcontractors, consultants, or subconsultants (each referred to as "Entity" for the purposes of the below indemnification) who perform work in connection with this Agreement:

"To the extent provided by law, [ENTITY] shall indemnify, defend, and hold harmless the

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[RECIPIENT] 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 [ENTITY], 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 [ENTITY] 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 [ENTITY] to indemnify [RECIPIENT] for the negligent acts or omissions of [RECIPIENT], its officers, agents, or employees, or third parties. Nor shall the same be construed to constitute agreement by [ENTITY] 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."

- d. The Recipient shall, or cause its contractor or consultant to carry and keep in force, during the term of this Agreement, a general liability insurance policy or policies with a company or companies authorized to do business in Florida, affording public liability insurance with combined bodily injury limits of at least \$200,000 per person and \$300,000 each occurrence, and property damage insurance of at least \$200,000 each occurrence, for the services to be rendered in accordance with this Agreement. The Recipient shall also, or cause its contractor or consultant to carry and keep in force Workers' Compensation Insurance as required by the State of Florida under the Workers' Compensation Law. With respect to any general liability insurance policy required pursuant to this Agreement, all such policies shall be issued by companies licensed to do business in the State of Florida. The Recipient shall provide to the Department certificates showing the required coverage to be in effect with endorsements showing the Department to be an additional insured prior to commencing any work under this Agreement. Policies that include Self Insured Retention will not be accepted. The certificates and policies shall provide that in the event of any material change in or cancellation of the policies reflecting the required coverage, thirty days advance notice shall be given to the Department or as provided in accordance with Florida law.

16. Maintenance Obligations: In the event the Project includes construction then the following provisions are incorporated into this Agreement:

- a. The Recipient agrees to maintain any portion of the Project not located on the State Highway System constructed under this Agreement for its useful life. If the Recipient constructs any improvement on Department right-of-way, the Recipient

shall

shall not

maintain the improvements located on the Department right-of-way for their useful life. If the Recipient is required to maintain Project improvements located on the Department right-of-way beyond final acceptance, then Recipient shall, prior to any disbursement of the state funding provided under this Agreement, also execute a Maintenance Memorandum of Agreement in a form that is acceptable to the Department. The Recipient has agreed to the foregoing by resolution, and such resolution is attached and incorporated into this Agreement as Exhibit "D". This provision will survive termination of this Agreement.

17. Miscellaneous Provisions:

- a. The Recipient will be solely responsible for compliance with all applicable environmental regulations, for any liability arising from non-compliance with these regulations, and will reimburse the Department for any loss incurred in connection therewith. The Recipient will be responsible for securing any applicable permits. The Recipient shall include in all contracts and subcontracts for amounts in excess of \$150,000, a provision requiring compliance 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).
- b. The Department shall not be obligated or liable hereunder to any individual or entity not a party to this Agreement.

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- c. In no event shall the making by the Department of any payment to the Recipient constitute or be construed as a waiver by the Department of any breach of covenant or any default which may then exist on the part of the Recipient and the making of such payment by the Department, while any such breach or default shall exist, shall in no way impair or prejudice any right or remedy available to the Department with respect to such breach or default.
- d. If any provision of this Agreement is held invalid, the remainder of this Agreement shall not be affected. In such an instance, the remainder would then continue to conform to the terms and requirements of applicable law.
- e. By execution of the Agreement, the Recipient represents that it has not paid and, also agrees not to pay, any bonus or commission for the purpose of obtaining an approval of its application for the financing hereunder.
- f. Nothing in the Agreement shall require the Recipient to observe or enforce compliance with any provision or perform any act or do any other thing in contravention of any applicable state law. If any of the provisions of the Agreement violate any applicable state law, the Recipient will at once notify the Department in writing in order that appropriate changes and modifications may be made by the Department and the Recipient to the end that the Recipient may proceed as soon as possible with the Project.
- g. In the event that this Agreement involves constructing and equipping of facilities, the Recipient shall submit to the Department for approval all appropriate plans and specifications covering the Project. The Department will review all plans and specifications and will issue to the Recipient a written approval with any approved portions of the Project and comments or recommendations covering any remainder of the Project deemed appropriate. After resolution of these comments and recommendations to the Department's satisfaction, the Department will issue to the Recipient a written approval with said remainder of the Project. Failure to obtain this written approval shall be sufficient cause of nonpayment by the Department.
- h. Upon completion of right-of-way activities on the Project, the Recipient must certify compliance with all applicable federal and state requirements. Certification is required prior to authorization for advertisement for or solicitation of bids for construction of the Project, including if no right-of-way is required.
- i. The Recipient will certify in writing, prior to Project closeout that the Project was completed in accordance with applicable plans and specifications, is in place on the Recipient's facility, adequate title is in the Recipient's name, and the Project is accepted by the Recipient as suitable for the intended purpose.
- j. The Recipient agrees that no federally-appropriated funds have been paid, or will be paid by or on behalf of the Recipient, to any person for influencing or attempting to influence any 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. If any funds other than federally-appropriated funds have been paid by the Recipient 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 Agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. The Recipient shall require that the language of this paragraph 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. No funds received pursuant to this contract may be expended for lobbying the Legislature, the judicial branch or a state agency.
- k. The Recipient may not permit the Engineer of Record to perform Construction, Engineering and Inspection services on the Project.

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- i. The Recipient shall comply with all applicable federal guidelines, procedures, and regulations. If at any time a review conducted by Department and or FHWA reveals that the applicable federal guidelines, procedures, and regulations were not followed by the Recipient and FHWA requires reimbursement of the funds, the Recipient will be responsible for repayment to the Department of all funds awarded under the terms of this Agreement.
- m. The Recipient shall:
- i. utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by Recipient during the term of the contract; and
 - ii. expressly require any contractor and subcontractors performing work or providing services pursuant to the state 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.
- n. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute the same Agreement. A facsimile or electronic transmission of this Agreement with a signature on behalf of a party will be legal and binding on such party.
- o. The Parties agree to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes.
- p. If the Project is procured pursuant to Chapter 255 for construction services and at the time of the competitive solicitation for the Project 50 percent or more of the cost of the Project is to be paid from state-appropriated funds, then the Recipient must comply with the requirements of Section 255.0991, Florida Statutes.

18. Exhibits:

- a. Exhibits "A", "B", "C", "D", "E" and "F" are attached to and incorporated into this Agreement.
- b. If this Project includes Phase 58 (construction) activities, then Exhibit "G", FHWA FORM 1273, is attached and incorporated into this Agreement.
- c. Alternative Advance Payment Financial Provisions are used on this Project. If an Alternative Pay Method is used on this Project, then Exhibit "H", Alternative Advance Payment Financial Provisions, is attached and incorporated into this Agreement.
- d. State funds are used on this Project. If state funds are used on this Project, then Exhibit "I", State Funds Addendum, is attached and incorporated into this Agreement. Exhibit "J", State Financial Assistance (Florida Single Audit Act), is attached and incorporated into this Agreement.
- e. This Project utilizes Advance Project Reimbursement. If this Project utilizes Advance Project Reimbursement, then Exhibit "K", Advance Project Reimbursement is attached and incorporated into this Agreement.
- f. This Project includes funding for landscaping. If this Project includes funding for landscaping, then Exhibit "L", Landscape Maintenance, is attached and incorporated into this Agreement.
- g. This Project includes funding for a roadway lighting system. If the Project includes funding for roadway lighting system, Exhibit "M", Roadway Lighting Maintenance is attached and incorporated into this Agreement.
- h. This Project includes funding for traffic signals and/or traffic signal systems. If this Project includes funding for traffic signals and/or traffic signals systems, Exhibit "N", Traffic Signal Maintenance is attached and incorporated into this Agreement.
- i. A portion or all of the Project will utilize Department right-of-way and, therefore, Exhibit "O", Terms and Conditions of Construction in Department Right-of-Way, is attached and incorporated into this Agreement.

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j. The following Exhibit(s) are attached and incorporated into this Agreement: _____

k. Exhibit and Attachment List

- Exhibit A: Project Description and Responsibilities
- Exhibit B: Schedule of Financial Assistance
- Exhibit C: Title VI Assurances
- Exhibit D: Recipient Resolution
- Exhibit E: Federal Financial Assistance (Single Audit Act)
- Exhibit F: Contract Payment Requirements
- * Exhibit G: FHWA Form 1273
- * Exhibit H: Alternative Advance Payment Financial Provisions
- * Exhibit I: State Funds Addendum
- * Exhibit J: State Financial Assistance (Florida Single Audit Act)
- * Exhibit K: Advance Project Reimbursement
- * Exhibit L: Landscape Maintenance
- * Exhibit M: Roadway Lighting Maintenance
- * Exhibit N: Traffic Signal Maintenance
- * Exhibit O: Terms and Conditions of Construction in Department Right-of-Way

* Additional Exhibit(s):

* Indicates that the Exhibit is only attached and incorporated if applicable box is selected.

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IN WITNESS WHEREOF, the parties have executed this Agreement on the day and year written above.

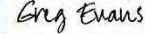
RECIPIENT Alachua County

By:


Name: Ramon D. Gavarrete, P.E.
Title: Public Works Director

STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION

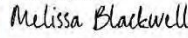
By:


Name: Greg Evans
Title: District Two Secretary

4/21/2020 | 11:43 AM

Legal Review:

DocuSigned by:


Melissa Blackwell

4/21/2020 | 11:39 AM

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EXHIBIT "A"

PROJECT DESCRIPTION AND RESPONSIBILITIES

FPN: 439499-1-58-01 & 439499-1-68-01

This exhibit forms an integral part of the Local Agency Program Agreement between the State of Florida, Department of Transportation and

Alachua County (the Recipient)

PROJECT LOCATION:

- The project is on the National Highway System.
- The project is on the State Highway System.

PROJECT LENGTH AND MILE POST LIMITS: 2.6 miles from MP 0 to 2.6

PROJECT DESCRIPTION: Widening and resurfacing of SW 170th Street (CR 241) from the Levy County line to South of Archer

SPECIAL CONSIDERATIONS BY RECIPIENT:

The Recipient is required to provide a copy of the design plans for the Department's review and approval to coordinate permitting with the Department, and notify the Department prior to commencement of any right-of-way activities.

The Recipient shall commence the project's activities subsequent to the execution of this Agreement and shall perform in accordance with the following schedule:

- a) Study to be completed by N/A.
- b) Design to be completed by N/A.
- c) Right-of-Way requirements identified and provided to the Department by N/A.
- d) Right-of-Way to be certified by N/A.
- e) Construction contract to be let by 04/30/2020.
- f) Construction to be completed by 09/30/2022.

If this schedule cannot be met, the Recipient will notify the Department in writing with a revised schedule or the project is subject to the withdrawal of funding.

SPECIAL CONSIDERATIONS BY DEPARTMENT:

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM AGREEMENT

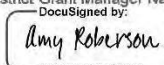
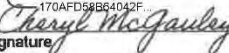
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EXHIBIT "B"
SCHEDULE OF FINANCIAL ASSISTANCE

RECIPIENT NAME & BILLING ADDRESS: Alachua County 5620 NW 120th Lane Gainesville, FL 32653-1065	FINANCIAL PROJECT NUMBER: 439498-1-58-01 & 439498-1-68-01
---	---

PHASE OF WORK By Fiscal Year	MAXIMUM PARTICIPATION			
	(1) TOTAL PROJECT FUNDS	(2) LOCAL FUNDS	(3) STATE FUNDS	(4) FEDERAL FUNDS
Design- Phase 38				
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
Total Design Cost	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Right-of-Way- Phase 48				
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
Total Right-of-Way Cost	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Construction- Phase 68				
FY: 2019-2020 (ACSS)	\$ 3,263,910.00	\$ _____	\$ _____	\$ 3,263,910.00
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
Total Construction Cost	\$ 3,263,910.00	\$ 0.00	\$ 0.00	\$ 3,263,910.00
Construction Engineering and Inspection (CEI)- Phase 68				
FY: 2019-2020 (ACSS)	\$ 653,000.00	\$ _____	\$ _____	\$ 653,000.00
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
Total CEI Cost	\$ 653,000.00	\$ 0.00	\$ 0.00	\$ 653,000.00
(Insert Phase)				
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
FY: (Insert Program Name)	\$ _____	\$ _____	\$ _____	\$ _____
Total Phase Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
TOTAL COST OF THE PROJECT	\$ 3,916,910.00	\$ 0.00	\$ 0.00	\$ 3,916,910.00

COST ANALYSIS CERTIFICATION AS REQUIRED BY SECTION 216.3475, FLORIDA STATUTES:
 I certify that the cost for each line item budget category has been evaluated and determined to be allowable, reasonable, and necessary as required by Section 216.3475, F.S. Documentation is on file evidencing the methodology used and the conclusions reached.

Cheryl McGauley
 District Grant Manager Name
 DocuSigned by:
 4/21/2020 | 12:04 PM EDT
 8/1/2019
 Signature Date

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Exhibit "C"
TITLE VI ASSURANCES

During the performance of this contract, the consultant or contractor, for itself, its assignees and successors in interest (hereinafter collectively referred to as the "contractor") agrees as follows:

- (1.) **Compliance with REGULATIONS:** The contractor shall comply with the Regulations relative to nondiscrimination in federally-assisted programs of the U.S. Department of Transportation (hereinafter, "USDOT") *Title 49, Code of Federal Regulations, Part 21*, as they may be amended from time to time, (hereinafter referred to as the *REGULATIONS*), which are herein incorporated by reference and made a part of this contract.
- (2.) **Nondiscrimination:** The Contractor, with regard to the work performed by it during the contract, shall not discriminate on the basis of race, color, national origin, or sex in the selection and retention of sub-contractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by *Section 21.5* of the *REGULATIONS*, including employment practices when the contract covers a program set forth in *Appendix B* of the *REGULATIONS*.
- (3.) **Solicitations for Sub-contractors, including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under sub-contract, including procurements of materials or leases of equipment, each potential sub-contractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the *REGULATIONS* relative to nondiscrimination on the basis of race, color, national origin, or sex.
- (4.) **Information and Reports:** The contractor shall provide all information and reports required by the *REGULATIONS* or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the *Florida Department of Transportation* or the *Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and Federal Motor Carrier Safety Administration* to be pertinent to ascertain compliance with such *REGULATIONS*, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the contractor shall so certify to the *Florida Department of Transportation, or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration* as appropriate, and shall set forth what efforts it has made to obtain the information.
- (5.) **Sanctions for Noncompliance:** In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the Florida Department of Transportation shall impose such contract sanctions as it or the *Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or*

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Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:

- a. withholding of payments to the contractor under the contract until the contractor complies, and/or
- b. cancellation, termination or suspension of the contract, in whole or in part.

(6.) **Incorporation of Provisions:** The contractor shall include the provisions of paragraphs (1) through (7) in every sub-contract, including procurements of materials and leases of equipment, unless exempt by the *REGULATIONS*, or directives issued pursuant thereto. The contractor shall take such action with respect to any sub-contract or procurement as the *Florida Department of Transportation* or the *Federal Highway Administration*, *Federal Transit Administration*, *Federal Aviation Administration*, or *Federal Motor Carrier Safety Administration* may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a sub-contractor or supplier as a result of such direction, the contractor may request the *Florida Department of Transportation* to enter into such litigation to protect the interests of the *Florida Department of Transportation*, and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

(7.) **Compliance with Nondiscrimination Statutes and Authorities:** Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

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EXHIBIT "D"

RECIPIENT RESOLUTION

The Recipient's Resolution authorizing entry into this Agreement is attached and incorporated into this Agreement.

RESOLUTION 17-107.

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA, AUTHORIZING THE COUNTY TO ENTER INTO LOCAL AGENCY PROGRAM AGREEMENT WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FOR THE FOLLOWING FOUR PROJECTS: CONSTRUCTION OF SIDEWALKS ON SW 170TH STREET FROM SOUTH OF SW 147TH PLACE TO SW 128TH PLACE, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 329 (MAIN ST) AT WILLISTON ROAD, DESIGN AND CONSTRUCTION OF SAFETY MODIFICATIONS TO CR 235 AT NW 94TH AVE AND DESIGN AND CONSTRUCTION OF RESURFACING AND WIDENING OF SW 170TH ST FROM LEVY COUNTY TO SOUTH OF ARCHER; AUTHORIZING THE CHAIR TO EXECUTE THE FOUR LOCAL AGENCY PROGRAM AGREEMENTS; AUTHORIZING BUDGET TO ACCOUNT FOR THE AGREEMENTS; AUTHORIZING THE COUNTY MANAGER, PUBLIC WORKS DIRECTOR OR COUNTY ENGINEER TO EXECUTE ANY FUTURE AGREEMENTS OR SUPPLEMENTAL AGREEMENTS RELATED TO THESE PROJECTS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the State of Florida Department of Transportation (FDOT) and the County desire to facilitate design and construction of a sidewalk on SW 170th St, design and construction of safety modifications to CR 235 at NW 94th Ave and CR 329 (Main Street) at Williston Rd and design, widen & resurface SW 170th St, collective referred to as "four projects," in Alachua County, FL; and

WHEREAS, FDOT has requested the County to execute and deliver a Local Agency Program (LAP) Agreements for the four projects; and

WHEREAS, FDOT will require the execution of additional LAP Agreements or Supplemental Agreements to, authorize additional phases, increase funding or extending contract time; and

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ALACHUA COUNTY, FLORIDA;

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1. The Board hereby agrees to enter in the FDOT LAP Agreement for the four projects.
2. The Board authorizes the Chair to execute the FDOT LAP Agreements for the four projects.
3. The Board authorizes the County Manager, Public Works Director or County Engineer to execute any subsequent LAP Agreements or Supplemental Agreements with FDOT for increases funds, extends time or provides funding for additional phases of work for the four projects.
4. A certified copy of this Resolution will be forwarded to FDOT with the executed agreement.
5. This resolution shall take effect immediately upon its adoption.

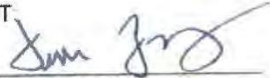
DULY ADOPTED in regular session, this 14th day of September, A.D., 2017

SEAL

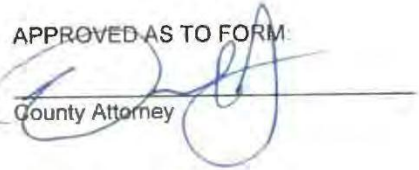
**BOARD OF COUNTY COMMISSIONERS
ALACHUA COUNTY, FLORIDA**

By: 
Ken Cornell, Chair

ATTEST


Jesse K. Irby, II, Clerk

APPROVED AS TO FORM:


County Attorney

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EXHIBIT "E"

FEDERAL FINANCIAL ASSISTANCE (SINGLE AUDIT ACT)

FEDERAL RESOURCES AWARDED PURSUANT TO THIS AGREEMENT ARE AS FOLLOWS:

CFDA No.: 20.205
CFDA Title: Highway Planning and Construction
Federal-Aid Highway Program, Federal Lands Highway Program
CFDA Program Site: <https://www.cfda.gov/>
Award Amount: \$3,916,910.00
Awarding Agency: Florida Department of Transportation
Award is for R&D: No
Indirect Cost Rate: Choose an item.

FEDERAL RESOURCES AWARDED PURSUANT TO THIS AGREEMENT ARE SUBJECT TO THE FOLLOWING:

2 CFR Part 200 – Uniform Administrative Requirements, Cost Principles & Audit Requirements for Federal Awards
<http://www.ecfr.gov/>

FEDERAL RESOURCES AWARDED PURSUANT TO THIS AGREEMENT MAY ALSO BE SUBJECT TO THE FOLLOWING:

Title 23 – Highways, United States Code
<http://uscode.house.gov/browse/prelim@title23&edition=prelim>

Title 49 – Transportation, United States Code
<http://uscode.house.gov/browse/prelim@title49&edition=prelim>

Map-21 – Moving Ahead for Progress in the 21st Century, Public Law 112-141
<http://www.gpo.gov/fdsys/pkg/PLAW-112publ141/pdf/PLAW-112publ141.pdf>

Federal Highway Administration – Florida Division
<http://www.fhwa.dot.gov/fldiv/>

Federal Funding Accountability and Transparency Act (FFATA) Sub-award Reporting System (FSRS)
<https://www.fsrs.gov/>

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EXHIBIT "F"

CONTRACT PAYMENT REQUIREMENTS

**Florida Department of Financial Services, Reference Guide for State Expenditures
 Cost Reimbursement Contracts**

Invoices for cost reimbursement contracts must be supported by an itemized listing of expenditures by category (salary, travel, expenses, etc.). Supporting documentation shall be submitted for each amount for which reimbursement is being claimed indicating that the item has been paid. Documentation for each amount for which reimbursement is being claimed must indicate that the item has been paid. Check numbers may be provided in lieu of copies of actual checks. Each piece of documentation should clearly reflect the dates of service. Only expenditures for categories in the approved agreement budget may be reimbursed. These expenditures must be allowable (pursuant to law) and directly related to the services being provided.

Listed below are types and examples of supporting documentation for cost reimbursement agreements:

(1) Salaries: A payroll register or similar documentation should be submitted. The payroll register should show gross salary charges, fringe benefits, other deductions and net pay. If an individual for whom reimbursement is being claimed is paid by the hour, a document reflecting the hours worked times the rate of pay will be acceptable.

(2) Fringe Benefits: Fringe Benefits should be supported by invoices showing the amount paid on behalf of the employee (e.g., insurance premiums paid). If the contract specifically states that fringe benefits will be based on a specified percentage rather than the actual cost of fringe benefits, then the calculation for the fringe benefits amount must be shown.

Exception: Governmental entities are not required to provide check numbers or copies of checks for fringe benefits.

(3) Travel: Reimbursement for travel must be in accordance with Section 112.061, Florida Statutes, which includes submission of the claim on the approved State travel voucher or electronic means.

(4) Other direct costs: Reimbursement will be made based on paid invoices/receipts. If nonexpendable property is purchased using State funds, the contract should include a provision for the transfer of the property to the State when services are terminated. Documentation must be provided to show compliance with Department of Management Services Rule 60A-1.017, Florida Administrative Code, regarding the requirements for contracts which include services and that provide for the contractor to purchase tangible personal property as defined in Section 273.02, Florida Statutes, for subsequent transfer to the State.

(5) In-house charges: Charges which may be of an internal nature (e.g., postage, copies, etc.) may be reimbursed on a usage log which shows the units times the rate being charged. The rates must be reasonable.

(6) Indirect costs: If the contract specifies that indirect costs will be paid based on a specified rate, then the calculation should be shown.

Contracts between state agencies, and or contracts between universities may submit alternative documentation to substantiate the reimbursement request that may be in the form of FLAIR reports or other detailed reports.

The Florida Department of Financial Services, online Reference Guide for State Expenditures can be found at this web address http://www.myfloridacfo.com/aadir/reference_guide/.

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EXHIBIT "G"

**FHWA FORM 1273
FEDERAL RESOURCES AWARDED PURSUANT TO THIS AGREEMENT ARE AS FOLLOWS:**

**LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC –
COMPLIANCE WITH FHWA 1273.**

The FHWA-1273 version dated May 1, 2012 is appended in its entirety to this Exhibit. FHWA-1273 may also be referenced on the Department's website at the following URL address:
<http://www.fhwa.dot.gov/programadmin/contracts/1273/1273.pdf>

Sub-recipients of federal grants awards for Federal-Aid Highway construction shall take responsibility to obtain this information and comply with all provisions contained in FHWA-1273.

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To: Amy.Roberson@dot.state.fl.us

**FLORIDA DEPARTMENT OF TRANSPORTATION
FUNDS APPROVAL**

G1L27
4/21/2020

CONTRACT INFORMATION

Contract:	G1L27
Contract Type:	GD - GRANT DISBURSEMENT (GRANT)
Method of Procurement:	G - GOVERNMENTAL AGENCY (287.057 F.S.)
Vendor Name:	ALACHUA COUNTY BOARD OF COUNTY
Vendor ID:	F598000501002
Beginning Date of This Agreement:	04/20/2020
Ending Date of This Agreement:	09/30/2022
Contract Total/Budgetary Ceiling:	ct = \$3,916,910.00
Description:	Construction and CEI Services for widening and resurfacing of SW 170th Street (CR 241) from Levy County Line to South of

FUNDS APPROVAL INFORMATION

FUNDS APPROVED/REVIEWED FOR ROBIN M. NAITOVE, CPA, COMPTROLLER ON 4/21/2020

Action:	Original	Original
Reviewed or Approved:	APPROVED	APPROVED
Organization Code:	55024010206	55024010206
Expansion Option:	A1	A8
Object Code:	780000	780000
Amount:	\$3,263,910.00	\$853,000.00
Financial Project:	43949915801	43949916801
Work Activity (FCT):	215	215
CFDA:	20.205	20.205
Fiscal Year:	2020	2020
Budget Entity:	55150200	55150200
Category/Category Year:	088796/20	088718/20
Amendment ID:	0001	0001
Sequence:	00	01
User Assigned ID:		
Enc Line (6s)/Status:	0001/04	0002/04

Total Amount: \$3,916,910.00

EXHIBIT 13: CONSTRUCTION PLANS

CONTRACT PLANS COMPONENTS
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	CONTRACT PLAN SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
5	MISCELLANEOUS DETAILS
6	SUMMARY OF DRAINAGE STRUCTURES
7	SUMMARY OF SOIL
8	GENERAL NOTES
9	PLAN SHEET
10 - 19	DRAINAGE STRUCTURES
20 - 21	ROADWAY SOIL SURVEY
22	ROADWAY SOIL
23	DRIVEWAY HALF SECTIONS
70 - 75	STORMWATER POLLUTION PREVENTION PLAN
76	SUMMARY OF QUANTITIES
50.1 - 50.4	

ROADWAY PLANS
ENGINEER OF RECORD:
LUIS E. MALDONADO, P.E.
LICENSE NUMBER 45306
DEMP, INC.
1625 SUMMIT LAKE DRIVE, SUITE 200
TALLAHASSEE, FL 32307
CONTRACT NO. CS89
PROJECT NO. 152748001
CERTIFICATE OF AUTHORIZATION 2648

PROJECT MANAGER:
JAMES FEGERT, P.E.

ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 439499-1-58-01
(FEDERAL FUNDS)
ALACHUA COUNTY

SW 170TH STREET FROM LEVY COUNTY TO SOUTH OF ARCHER

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2009-20 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.dot.gov/design/standplans>

APPLICABLE IRs:

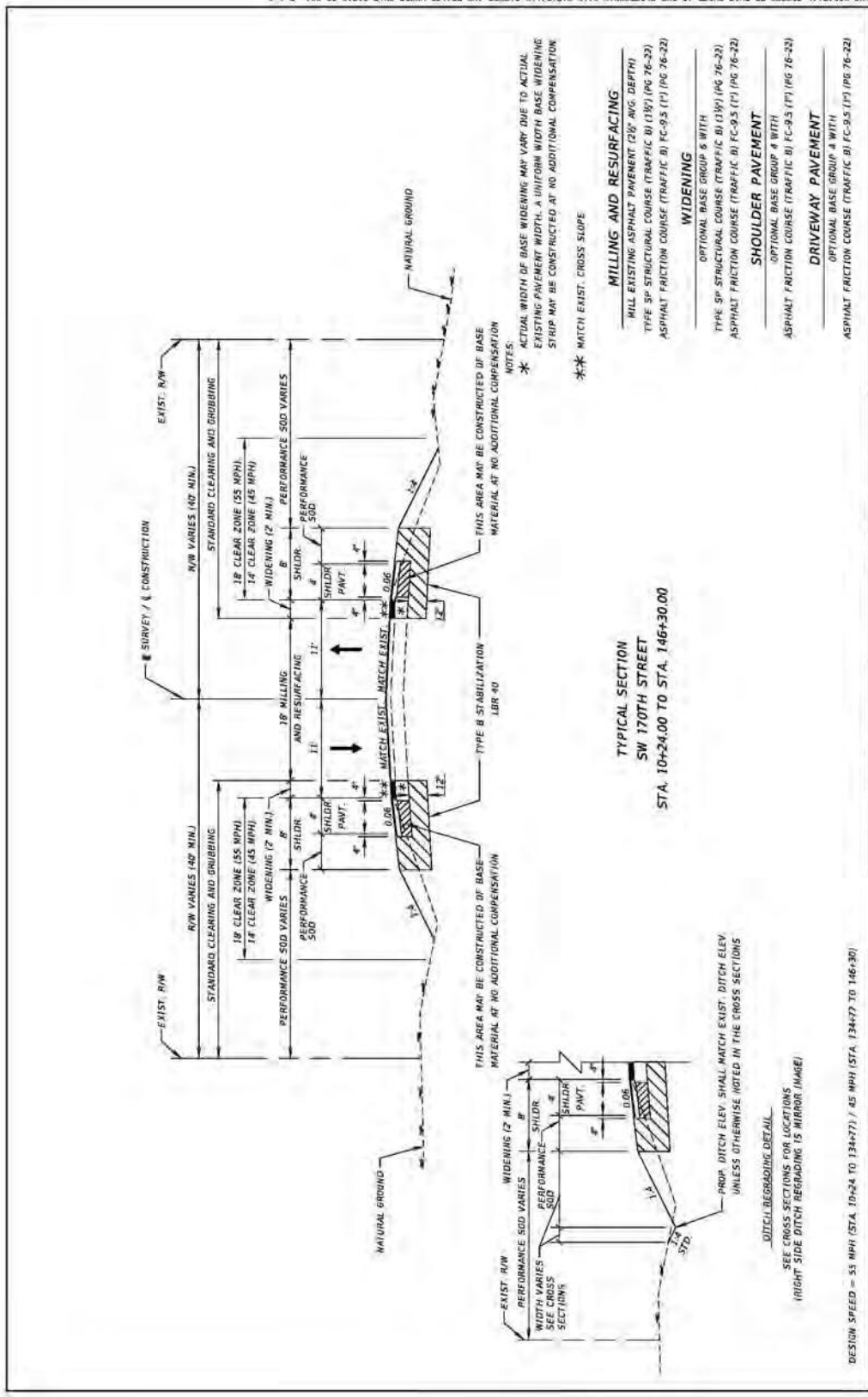
GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July 2009 Standard Specifications for Road and Bridge Construction at the following website: <http://www.dot.gov/programmanagement/implemented/specbooks>

FISCAL YEAR	SHEET NO.
24	1

SW 170TH STREET FROM LEVY COUNTY TO US 27/41			
ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
101.1	MOBILIZATION	LS	1
102.1	MAINTENANCE OF TRAFFIC	LS	1
104.1	ARTIFICIAL COVERINGS/ROLLED EROSION CONTROL PRODUCTS	SY	775
104.10.3	SEDIMENT BARRIER	LF	4,322
104.18	INLET PROTECTION SYSTEM	EA	1
110.1.1	CLEARING AND GRUBBING	AC	19.35
110.7.1	MAILBOX, F&I SINGLE	EA	5
120.1	REGULAR EXCAVATION	CY	4,344
120.4	SUBSOIL EXCAVATION	CY	2,523
120.6	EMBANKMENT	CY	5,799
160.4	TYPE B STABILIZATION	SY	30,412
285.704	OPTIONAL BASE, BASE GROUP 4	SY	13,029
285.706	OPTIONAL BASE, BASE GROUP 6	SY	7,346
286.1	TURNOUT CONSTRUCTION / DRIVEWAY BASE - OPTIONAL MATERIAL	SY	876
327.70.8	MILLING EXIST ASPHALT, 2.12" AVG DEPTH	SY	27,200
334.1.53	SUPERPAVE ASPHALTIC CONC. TRAFFIC B, PG 76-22	TN	2,766.9
337.7.80	ASPHALT CONCRETE FRICTION COURSE TRAFFIC B, FC-9.5, PG 76-22	TN	2,555.4
400.1.2	CONCRETE CLASS 1, ENDWALLS	CY	13.4
425.1521	INLETS, DT BOT, TYPE C, <10'	EA	1
430.174.218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18" SD	LF	317
430.175.118	PIPE CULVERT, OPT MTL, ROUND, 18" S/CD	LF	178
430.175.124	PIPE CULVERT, OPT MTL, ROUND, 24" S/CD	LF	48
430.984.125	MITERED END SECT, OPTIONAL RD, 18" SD	EA	1
430.984.625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	16
570.1.2	PERFORMANCE TURF, SOD	SY	77,526
700.1.11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	EA	14
700.1.12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	EA	1
700.1.50	SINGLE POST SIGN, RELOCATE	AS	2
705.1.60	SINGLE POST SIGN, REMOVE	AS	11
705.10.1	OBJECT MARKER, TYPE 1	EA	6
705.10.2	OBJECT MARKER, TYPE 2	EA	6
710.90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1
711.11.125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	57
711.16.101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	GM	5,096
711.16.201	THERMOPLASTIC, STD-OTH, YELLOW, SOLID, 6"	GM	0,878
711.16.231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6", 10-30 SKIP	GM	2,448

DRMP, INC. 1628 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 PHONE: 561-833-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. COUNTY FINANCIAL PROJECT ID CR 241/ ALACHUA 439498-1-58-01 SW 170TH SW 170TH		SHEET NO. 3
DATE DESCRIPTION REVISIONS		SUMMARY OF PAY ITEMS		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:
 * ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.
 ** MATCH EXIST. CROSS SLOPE

MILLING AND RESURFACING
 MILL EXISTING ASPHALT PAVEMENT (20" AVG DEPTH)
 TYPE SP STRUCTURAL COURSE (TRAFFIC BI) (18") (PG 76-22)
 ASPHALT FRICTION COURSE (TRAFFIC BI) FC-9.5 (1") (PG 76-22)

WIDENING
 OPTIONAL BASE GROUP 6 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC BI) (18") (PG 76-22)
 ASPHALT FRICTION COURSE (TRAFFIC BI) FC-9.5 (1") (PG 76-22)

SHOULDER PAVEMENT
 OPTIONAL BASE GROUP 4 WITH
 ASPHALT FRICTION COURSE (TRAFFIC BI) FC-9.5 (1") (PG 76-22)

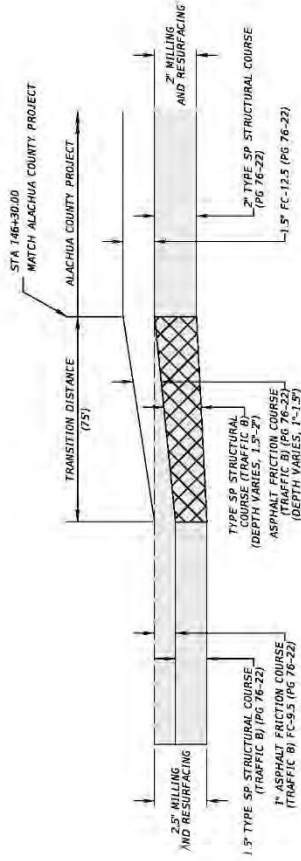
DRIVEWAY PAVEMENT
 OPTIONAL BASE GROUP 4 WITH
 ASPHALT FRICTION COURSE (TRAFFIC BI) FC-9.5 (1") (PG 76-22)

TYPICAL SECTION
 SW 170TH STREET
 STA. 10+24.00 TO STA. 146+30.00

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMP, INC. 1628 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 PHONE: 561-833-5644 FAX: 561-833-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. COUNTY FINANCIAL PROJECT ID	SW 170TH ALACHUA 439499-159-01
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DESIGN SPEED = 55 MPH (STA. 10+24 TO 134+77) / 45 MPH (STA. 134+77 TO 146+30)		TYPICAL SECTION	SHEET NO.
			4



PAVEMENT TRANSITION DETAIL
 SW 170TH STREET
 STA. 145+55.00 TO STA. 146+30.00

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS		DESCRIPTION	DATE
DATE	DESCRIPTION		

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 MUNDSVILLE, OHIO 43084 P.E. LICENSE NO. 43306 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT FINANCIAL PROJECT ID 439499-1-58-01	
ROAD NO. CR 241/ SW 170TH	COUNTY ALACHUA	FINANCIAL PROJECT ID 439499-1-58-01	

MISCELLANEOUS DETAILS

SHEET NO. 5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF DRAINAGE STRUCTURES

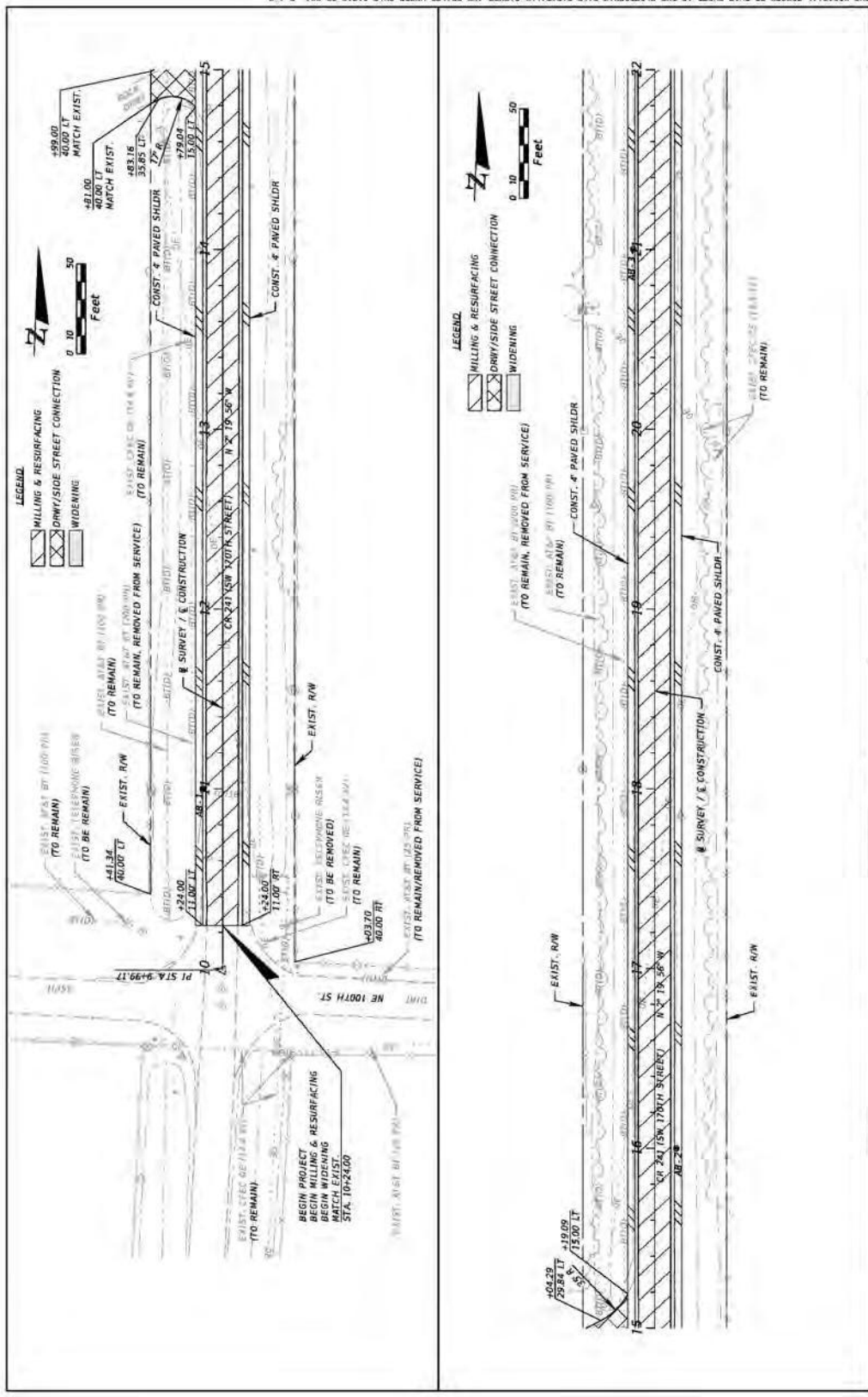
STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN PIPE		DITCH BOTTOM INLET TYPE C	SIDE DRAIN MITERED END SECTION		SODDING	ENDWALL CONC.	REMARKS
					ROUND	RCP		ROUND	CLASS I			
P. S-101	46+00.00	RT	ENDWALL, PIPE	1	18"	RCP	<10"	18"		5Y	2.24	
F. S-102	46+00.00	LT	PIPE, ENDWALL	1						3B	2.24	
F. S-103	84+99.50	LT	PIPE, ENDWALL	1		10				3B	2.24	
P. S-104	85+00.00	RT	ENDWALL, PIPE	1		11				3B	2.24	
P. S-105	114+56.00	RT	ENDWALL, PIPE	1		8				3B	2.24	
F. S-106	114+56.00	LT	PIPE, ENDWALL	1		2				3B	2.24	
P. S-107	125+66.00	RT	MES	1				1		9		
F. S-108	127+49.00	RT	DBL. PIPE	1		17.8		1		12		
SHEET TOTALS						17.8		1		249	13.4	

DATE	DESCRIPTION	REVISIONS	DATE

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 34281 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT FINANCIAL PROJECT ID 439499-1-58-01	
ROAD NO. CR 241 SW 170TH		COUNTY ALACHUA	

SUMMARY OF DRAINAGE STRUCTURES

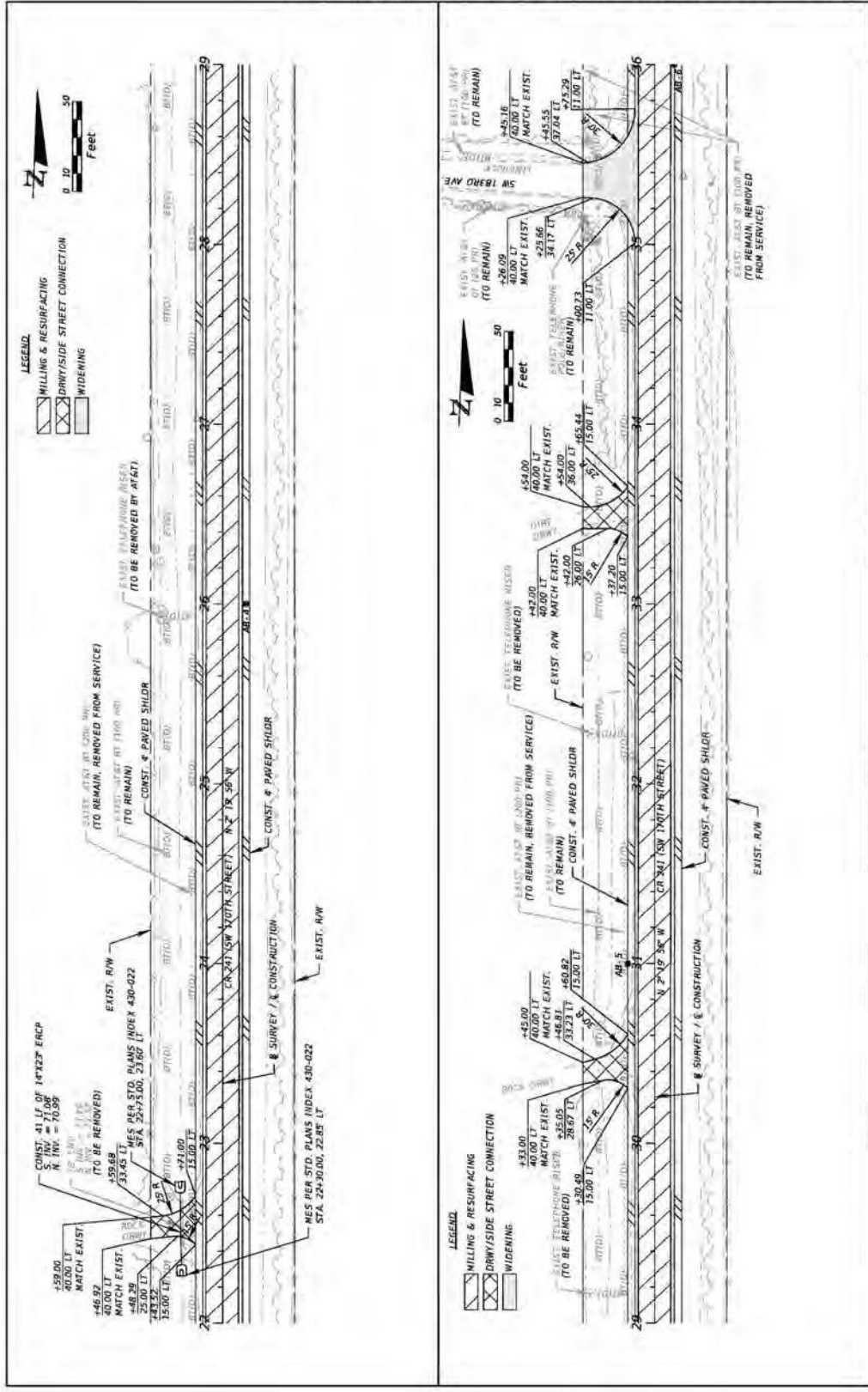
SHEET NO. 6



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 PHONE: 561-833-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	
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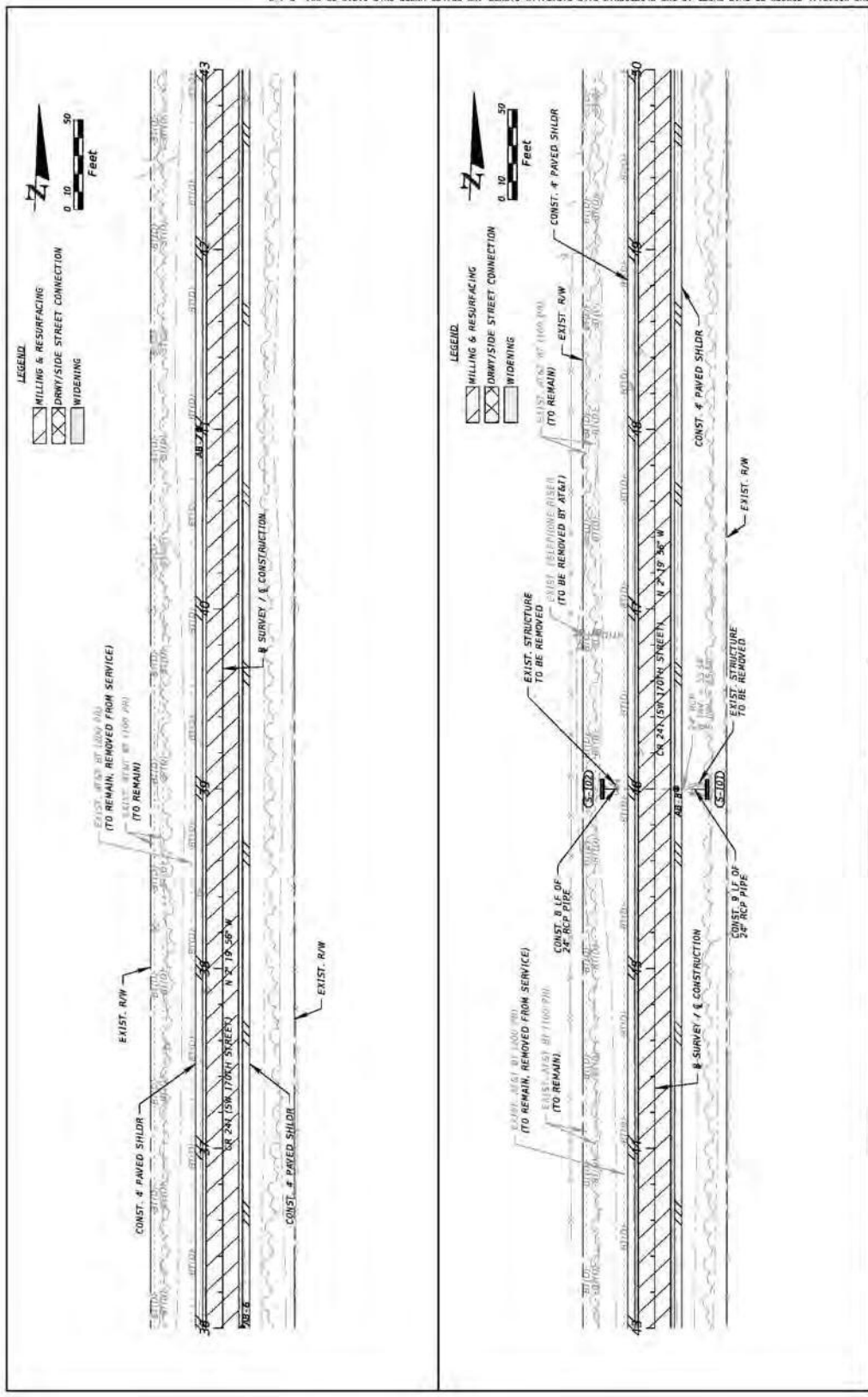
ROADWAY PLAN (1)
 SHEET NO. 10



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

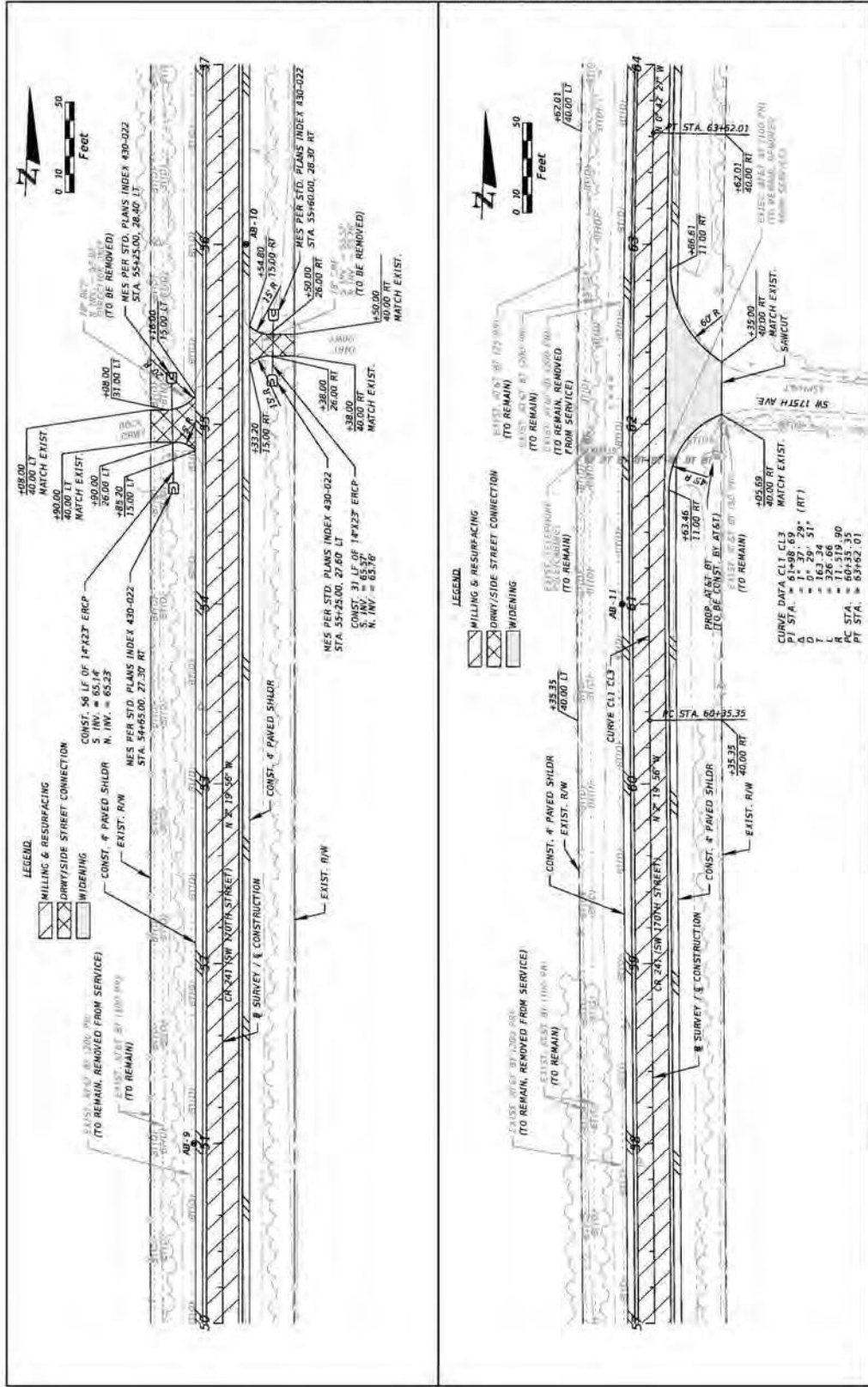
DRMP, INC. 1626 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 PHONE: 561-833-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	
1626 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 PHONE: 561-833-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	

ROADWAY PLAN (2)		SHEET NO. 11
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DATE	REVISIONS	DESCRIPTION

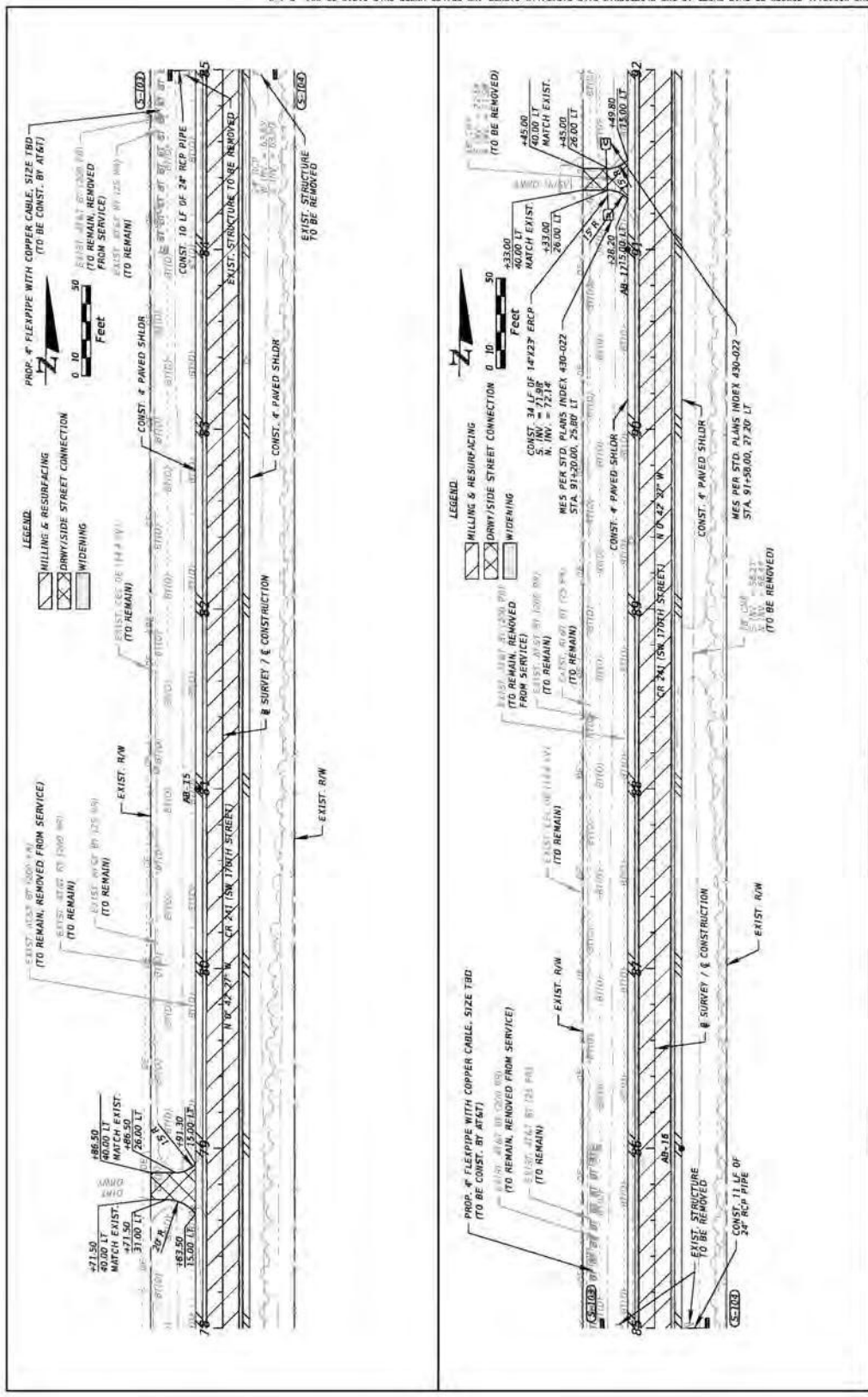
DMRP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 561-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. COUNTY FINANCIAL PROJECT ID CR 241 ALACHUA 439499-1-58-01	
123735 PM 4/21/2023		ROADWAY PLAN (3) SHEET NO. 12	



DATE	REVISIONS	DESCRIPTION

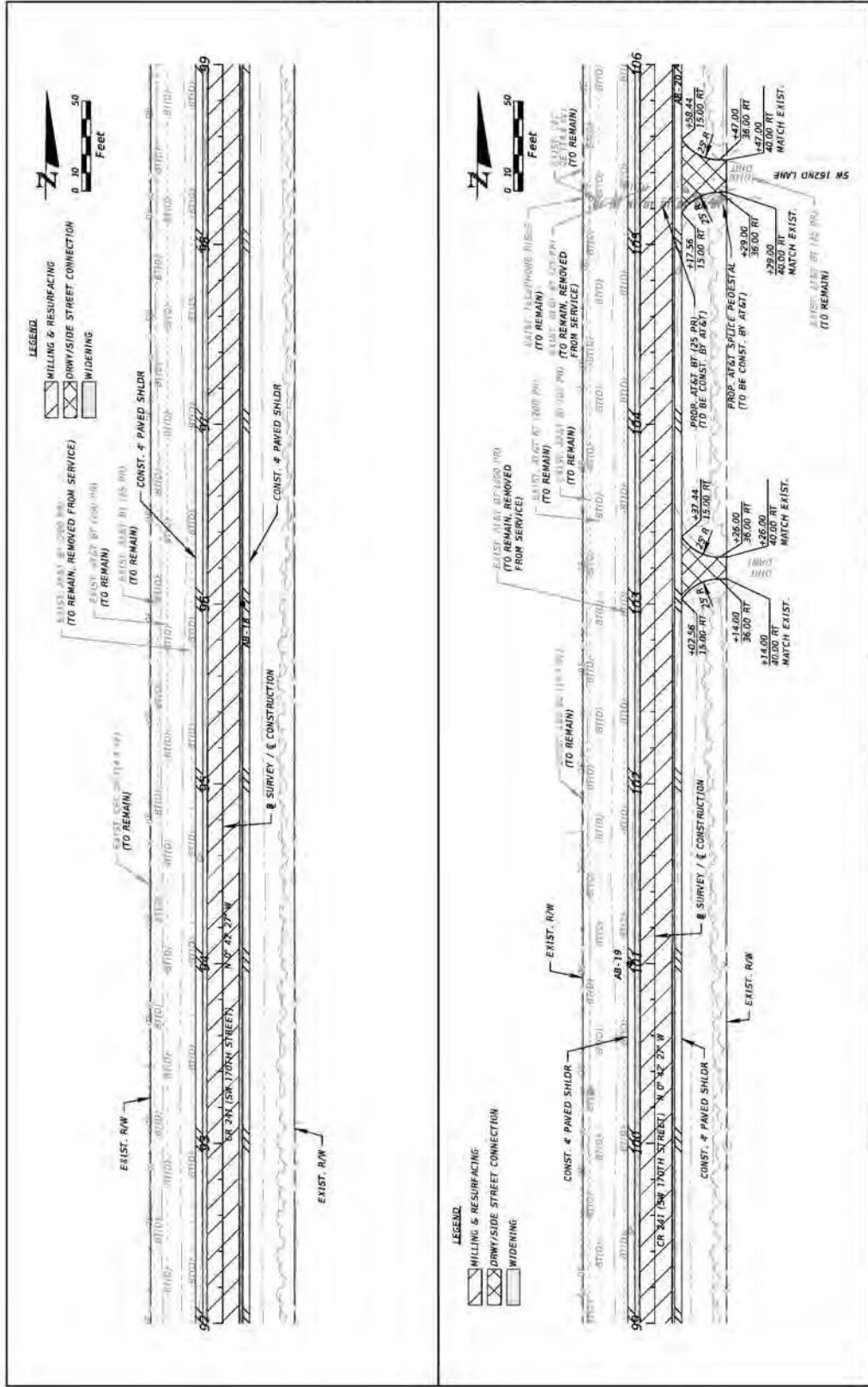
DRMP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FLORIDA 33411 LICENSE NO. 1100094 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. SW 170TH COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01
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ROADWAY PLAN (4)		SHEET NO. 13
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

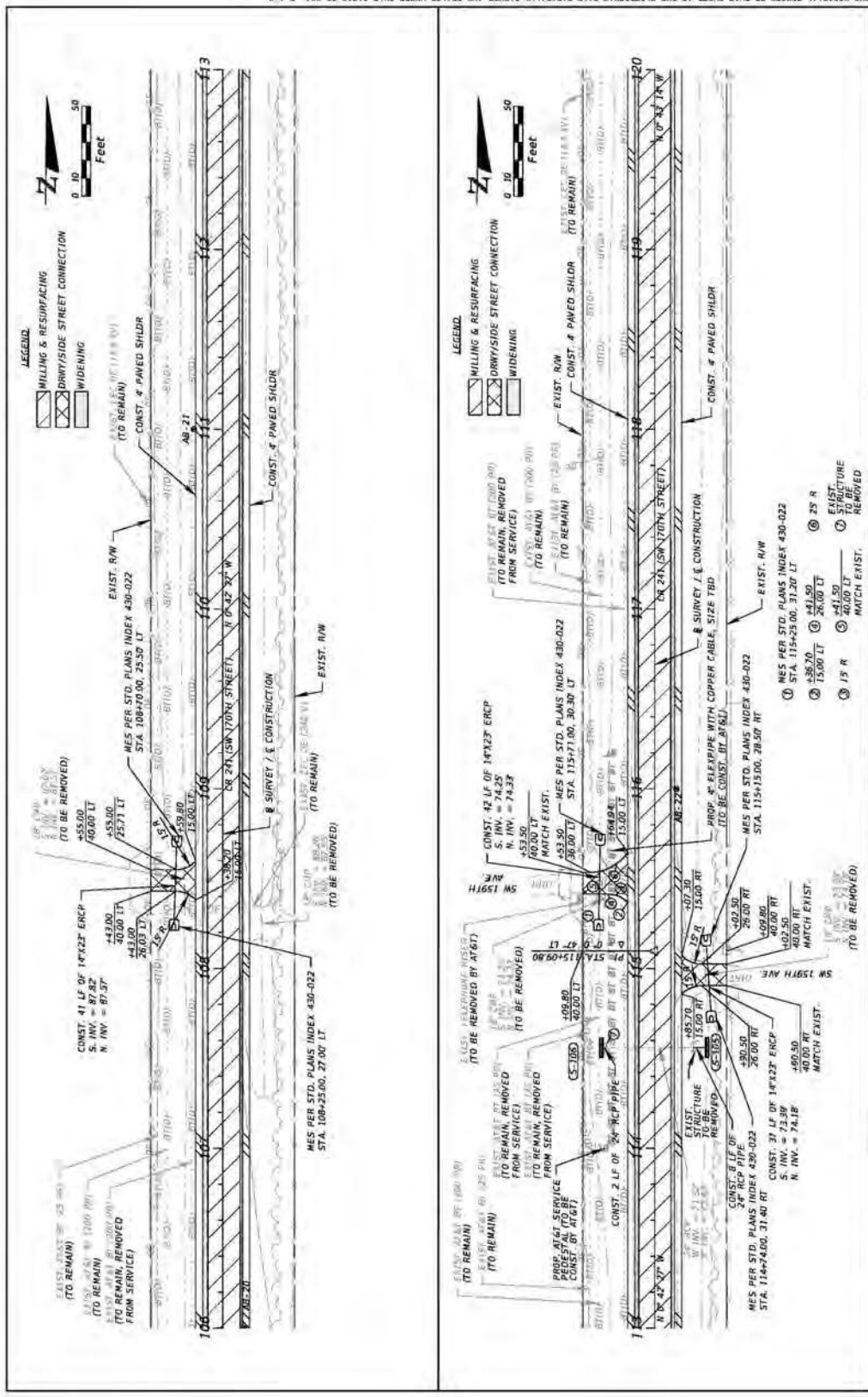
DRMP, INC. 1626 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 PHONE: 561-834-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID SW 170TH 439499-1-58-01	
SHEET NO. 15		ROADWAY PLAN (6)	



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMRP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 561-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT FINANCIAL PROJECT ID COUNTY ALACHUA 439499-1-58-01	
ROAD NO.	CR 241	SW 170TH	SW 170TH

ROADWAY PLAN (7) ROADWAY PLAN (7)	SHEET NO. 16
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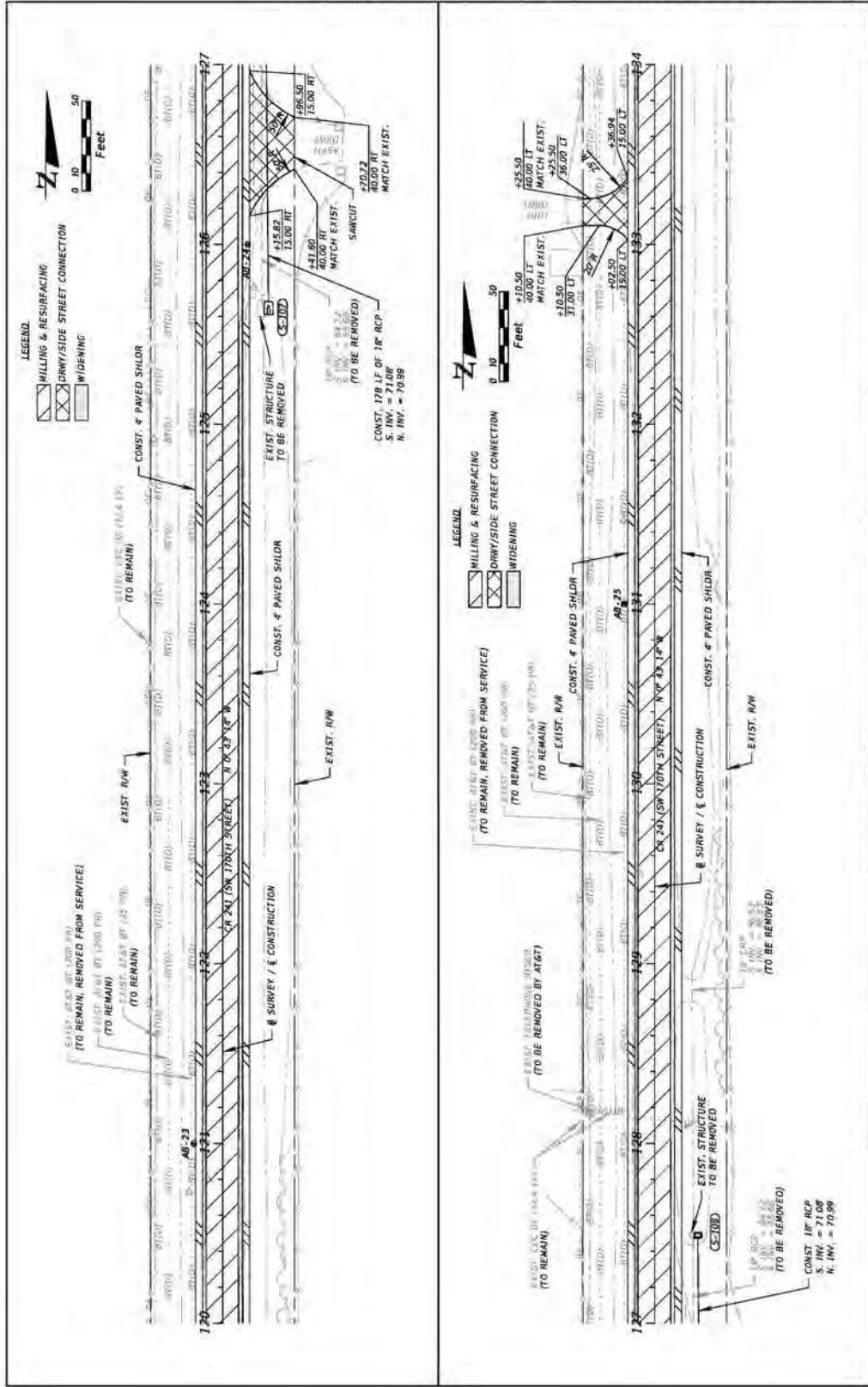


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DIMP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 561-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT COUNTY FINANCIAL PROJECT ID ROAD NO. CA 241 COUNTY ALACHUA 439499-1-58-01	
STA. 114+74.00, 31.40 RT S. INV. = 73.39 N. INV. = 74.18 CONST. 37 LF OF 14\"/>		STA. 114+23.00, 31.20 LT S. INV. = 73.50 N. INV. = 74.32 CONST. 42 LF OF 14\"/>	
STA. 108+25.00, 27.00 LT S. INV. = 87.82 N. INV. = 87.37 CONST. 41 LF OF 14\"/>		STA. 115+23.00, 31.20 LT S. INV. = 73.50 N. INV. = 74.32 CONST. 42 LF OF 14\"/>	

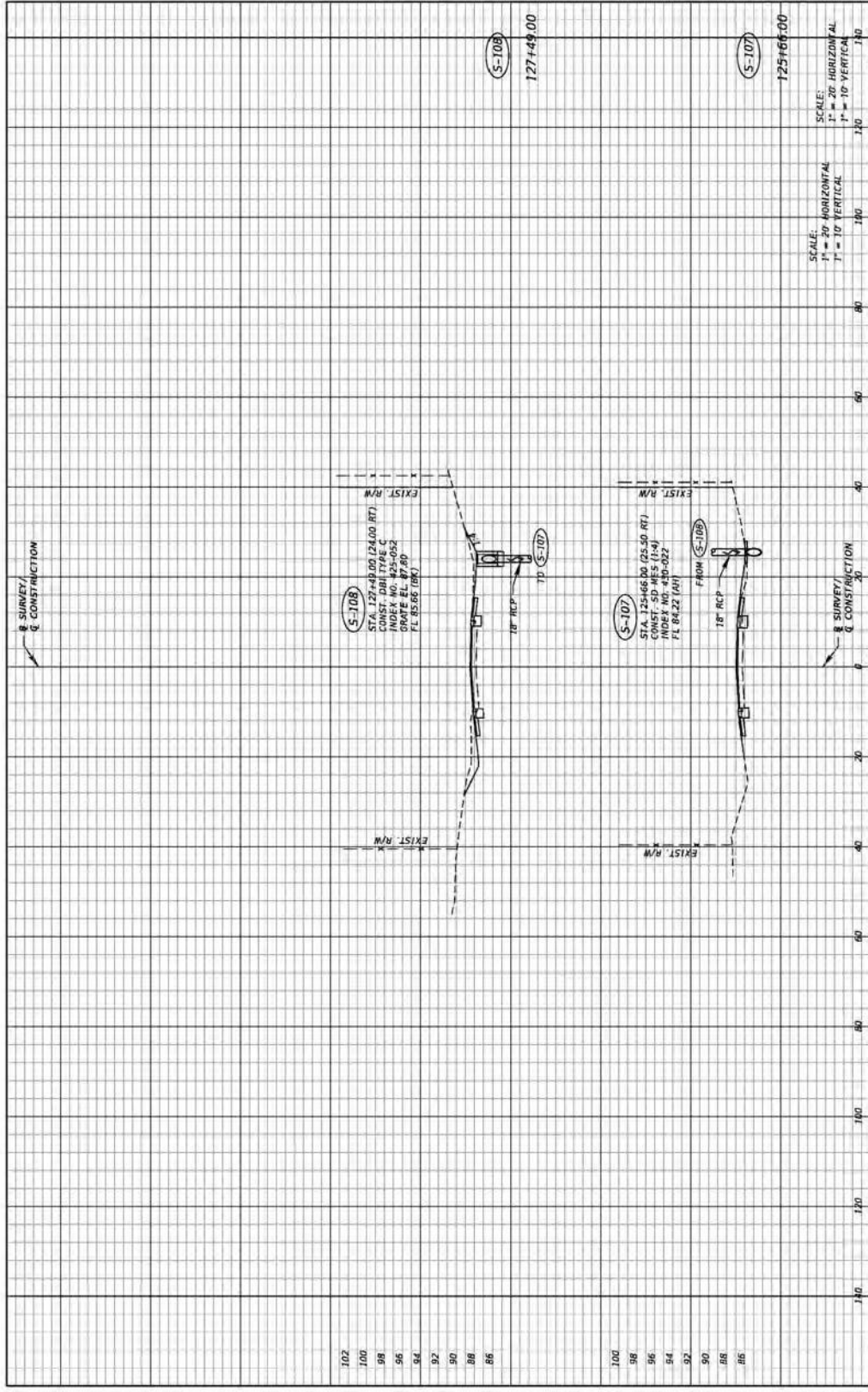
ROADWAY PLAN (8)

SHEET NO. 17



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DRMP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 561-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH ST FINANCIAL PROJECT ID 439499-1-58-01	SHEET NO. 18
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DATE	DESCRIPTION	DATE	REVISIONS
102			
100			
98			
96			
94			
92			
90			
88			
86			

DNP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33317 PHONE: 888-333-3333 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-58-01
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STA. 127+49.00 (24.00 RT) CONST. DRI TYPE C INDEX NO. 425-05-2 GORGE ELEV. 77.60 P.E. 05308 (047)	STA. 125+66.00 (25.50 RT) CONST. SD MES (11-M) INDEX NO. 430-022 P.E. 04424 (047)
---	--

SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL
--	--

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DATE OF SURVEY: OCTOBER 2006
SURVEY MADE BY: TERRACON CONSULTANTS, INC.
SUBMITTED BY: THOMAS MULLAHAN

FINANCIAL PROJECT NO.: 439499-1-58-01
CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

DISTRICT: TMD
ROAD NO.: CR 241
COUNTY: ALACHUA

SURVEY BEGINS STA. 0+24 SURVEY ENDS STA. 1+65.50
REFERENCE CENTERLINE CR 241

STATION NO.	NO. OF TESTS	X ORGANIC	MOISTURE CONTENT	SIEVE ANALYSIS RESULTS % PASS					NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	ASHTO GROUP	MATERIAL DESCRIPTION	CORROSION TEST RESULTS			
				NO. OF TESTS	40 MESH	60 MESH	100 MESH	200 MESH						NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDES ppm	SULFATES ppm
1	4	4	2-14	76-100	60-99	52-88	38-66	15-23	-	-	A-2-4	GRAY TO BROWN SILTY FINE SAND	-	-	-	-	
2	2	2	13-16	70	99	90-93	56-77	33-48	2	24-26	8-13	A-2-6	GRAY TO TAN TO ORANGE SANDY CLAY TO CLAY	-	-	-	-
3	1	1	56	100	100	97	86	80	1	103	73	A-7-5	GRAY TO BROWN SILTY FINE SAND	-	-	-	-

EMPAKMENT AND SUBGRADE MATERIAL
STRATA BOUNDARIES ARE APPROXIMATE MAKE FINAL CHECK AFTER GRADING
W = WATER TABLE ENCOUNTERED
S = SEASONAL HIGH WATER TABLE
GNE = GROUNDWATER NOT ENCOUNTERED

NOTES:

- SOIL BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY.
- SOIL ANALYSIS INCLUDES DATA FROM ROADWAY AND STORMWATER RETENTION AREAS ONLY.
- THE SYMBOL "U" REPRESENTS AN UNMEASURED PARAMETER.
- THE MATERIAL FROM STRATUM NUMBER 1 IS SELECT (MATERIAL AND SHALL BE UTILIZED IN ACCORDANCE WITH STANDARD PLANS INDEX 125-000. HOWEVER, STRATUM MATERIALS ARE LIKELY TO RETAIN EXCESS EXISTING WATER LEVEL AT THE TIME OF CONSTRUCTION.
- THE MATERIAL FROM STRATUM NUMBER 2 IS PLASTIC (MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS INDEX 125-002. IT WILL BE PLACED ABOVE THE EXISTING WATER LEVEL AT THE TIME OF CONSTRUCTION. THE MATERIAL FROM STRATUM NUMBER 3 IS HIGHLY PLASTIC (MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS INDEX 125-000.

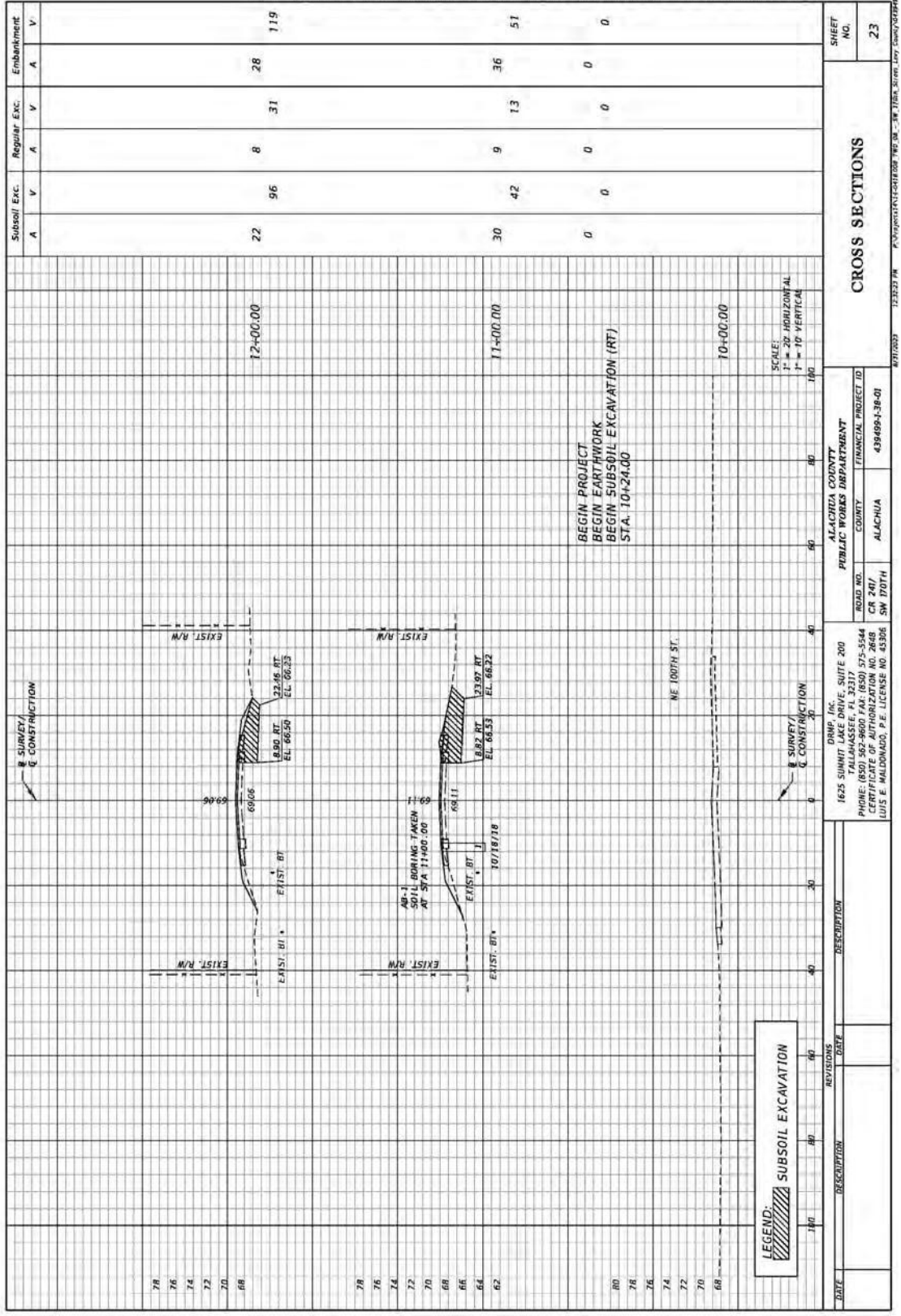
DATE	DESCRIPTION	REVISIONS	DATE

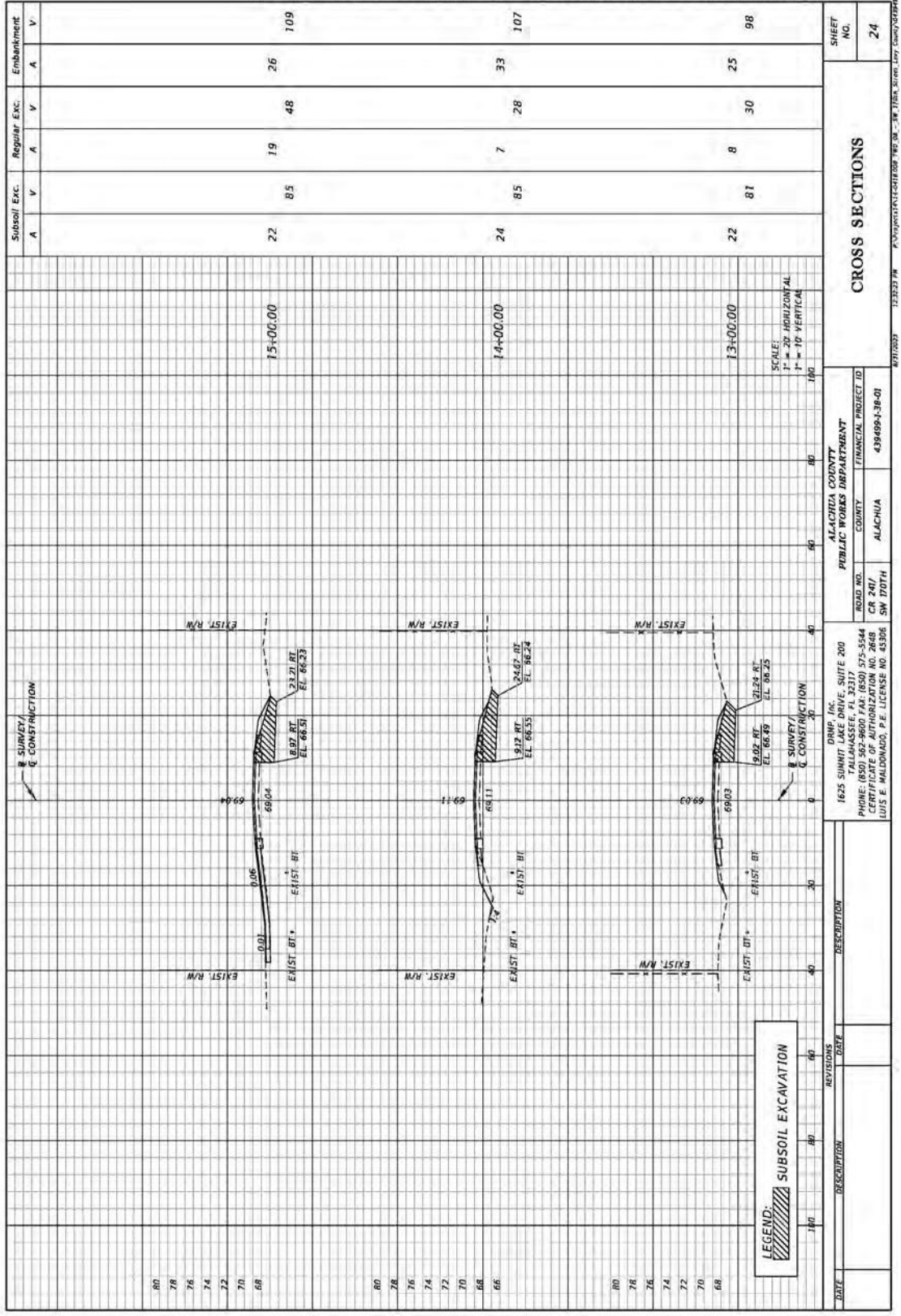
JOHN B. KIMBERLY IV, P.E. P.E. LICENSE NUMBER 49866 TERRACON CONSULTANTS, INC. 1400 SEVENHILLS FLORIDA 32321 CERTIFICATE OF AUTHORIZATION No. 8830	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	ROAD NO. CR 241 SW 170TH	ALACHUA COUNTY FINANCIAL PROJECT ID 439499-1-58-01
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ROADWAY SOIL SURVEY

SHEET NO. 22

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-29.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
22	85	19	48	26	109
24	85	7	28	33	107
22	81	8	30	25	98

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

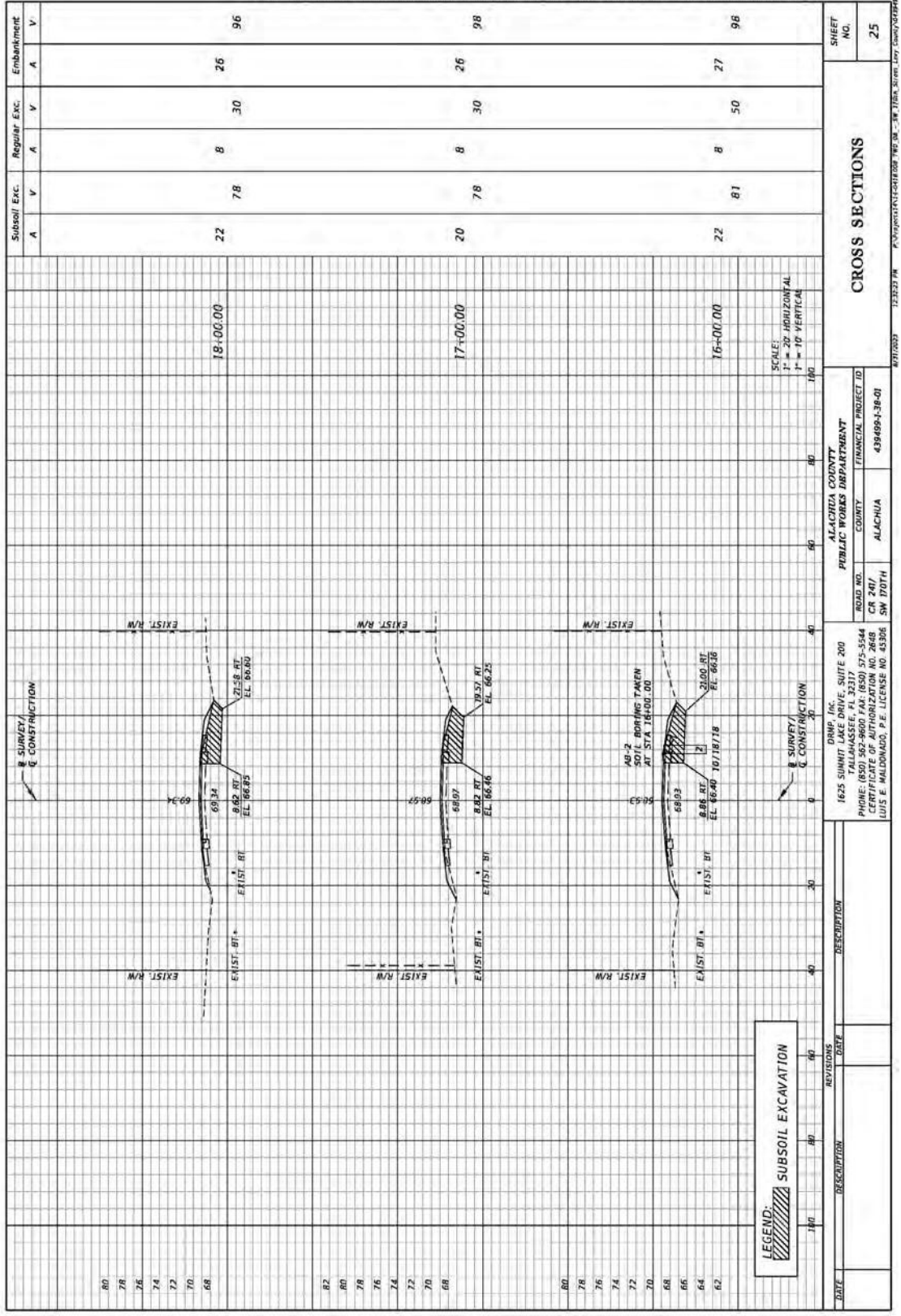
CROSS SECTIONS

ROAD NO.	ALACHUA COUNTY
CR 241	PUBLIC WORKS DEPARTMENT
SW 170TH	FINANCIAL PROJECT ID
439499-1-38-01	439499-1-38-01

DMP, INC.
1624 SUNNIT LAKE DRIVE, SUITE 200
PALM HARBOR, FL 33317
PHONE: 888-888-8888
CERTIFICATE OF AUTHORIZATION NO. 2648
LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	REVISIONS	DESCRIPTION

M7/2023 13:23:27 PM P:\Projects\161218202\161218202_161218202_Spec\161218202.dwg



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

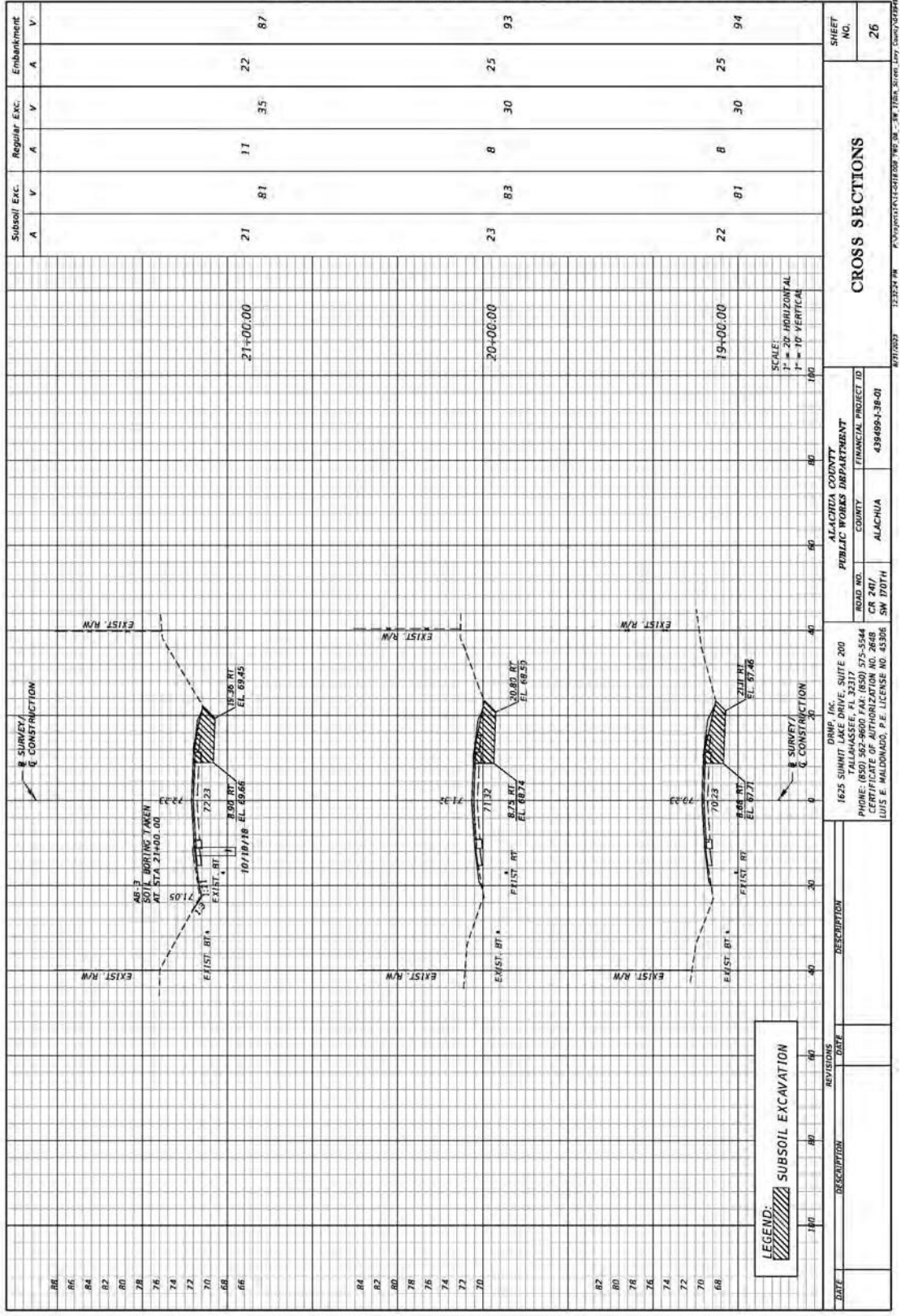
SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

ALACHUA COUNTY
 PUBLIC WORKS DEPARTMENT
 ROAD NO. CR 240
 COUNTY ALACHUA
 FINANCIAL PROJECT ID 439499-1-38-01

DMP, INC.
 1624 SUNNIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 33617
 PHONE: (813) 973-5544
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	REVISIONS	DESCRIPTION

DATE: 12/22/23
 SHEET NO. 25

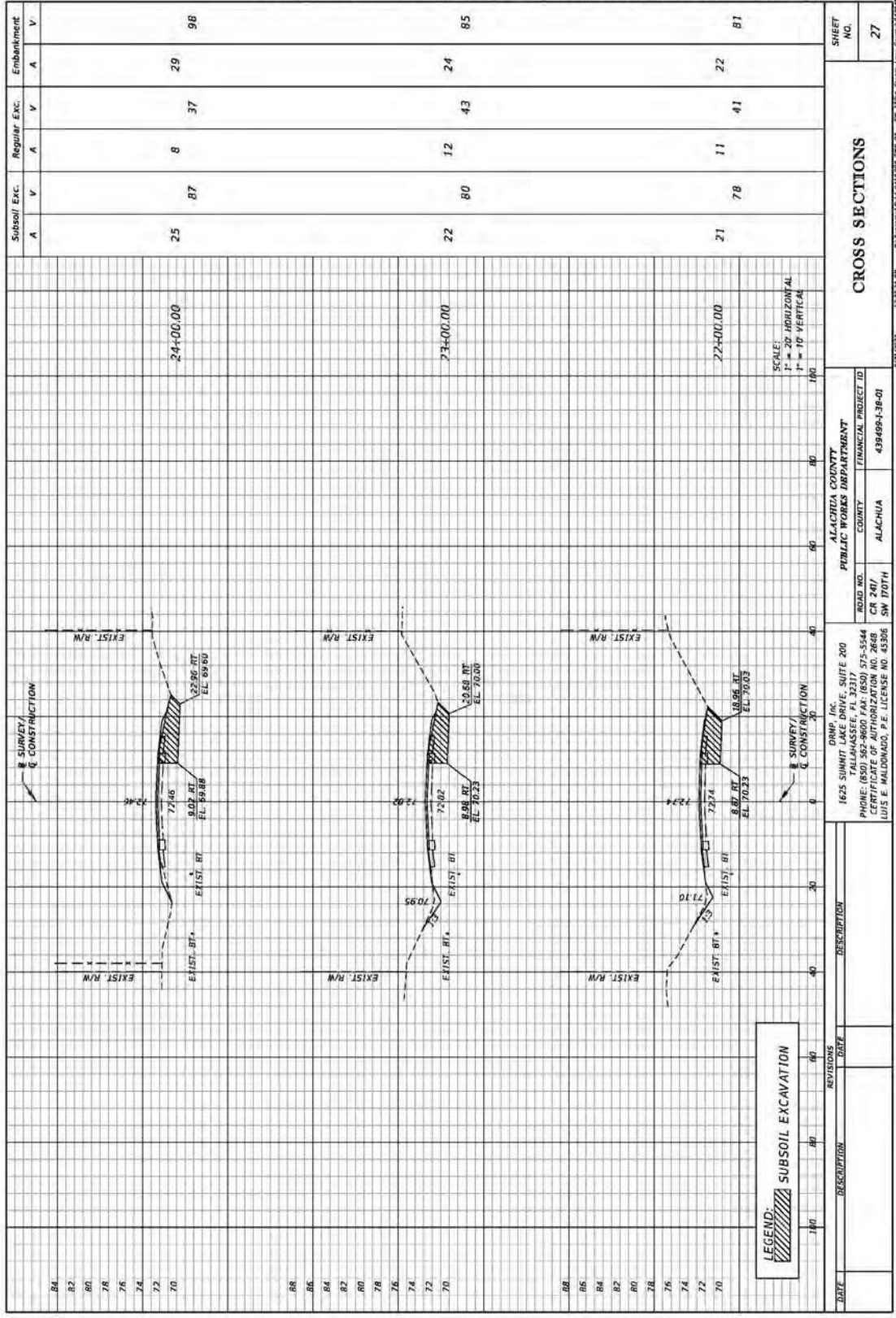


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	REVISION	DESCRIPTION

DMR, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 32137 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CA 247 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-38-01
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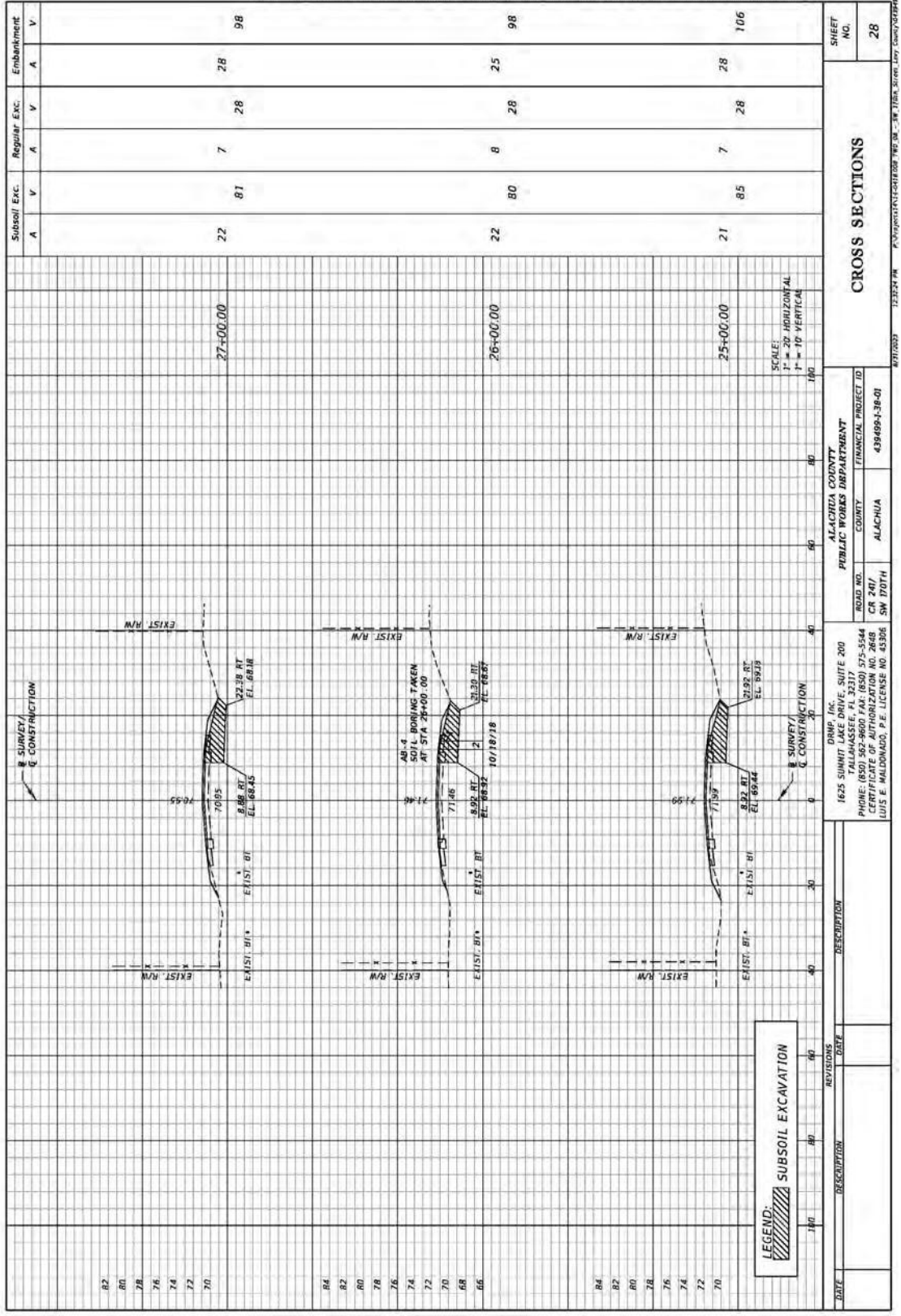
ROAD NO. CA 247 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-38-01	SHEET NO. 26
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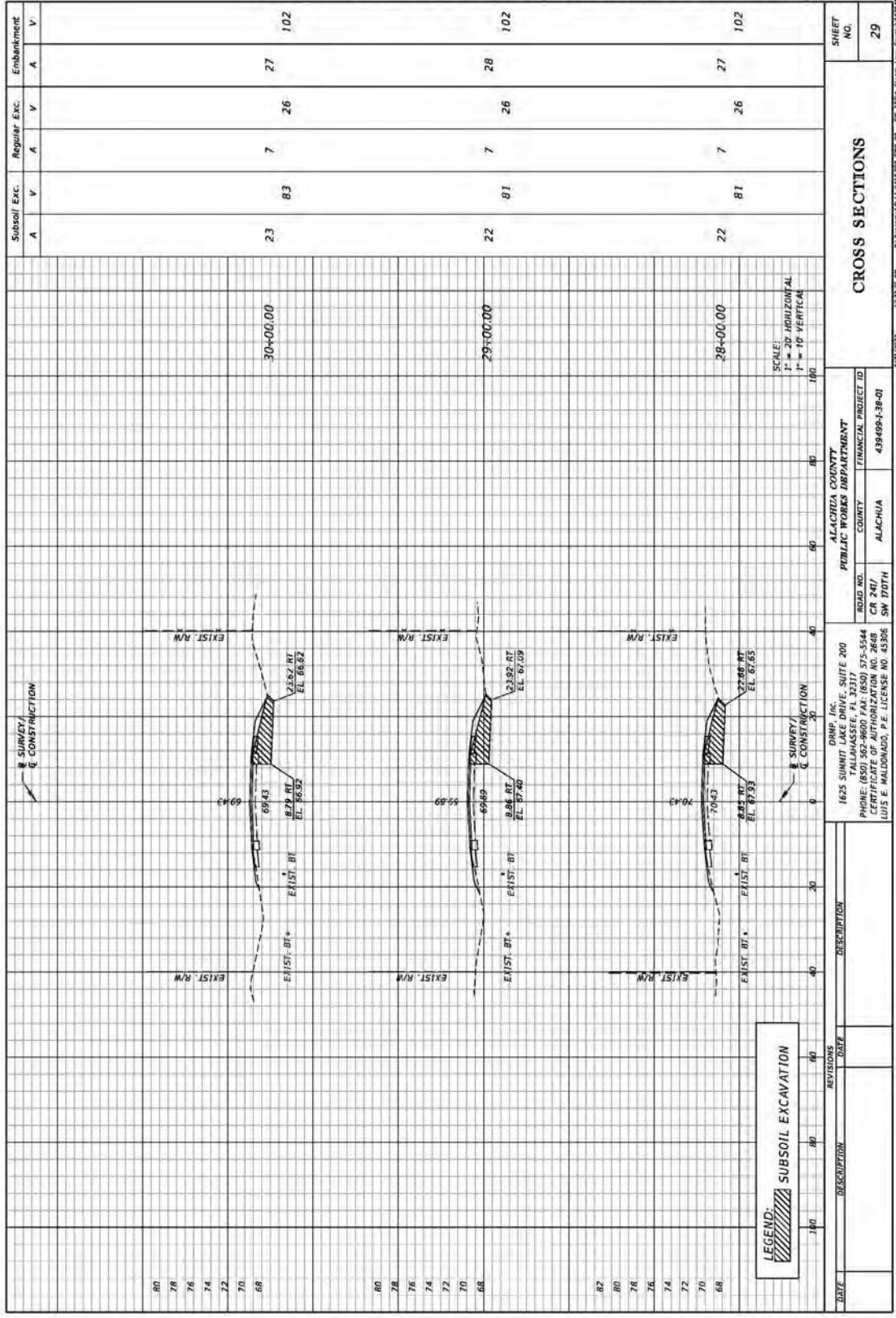


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	REVISIONS	DESCRIPTION

DNP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FLORIDA 33417 PHONE: (561) 655-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CA 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01
DATE: 07/20/23 TIME: 13:32:24 PM		SHEET NO. 27





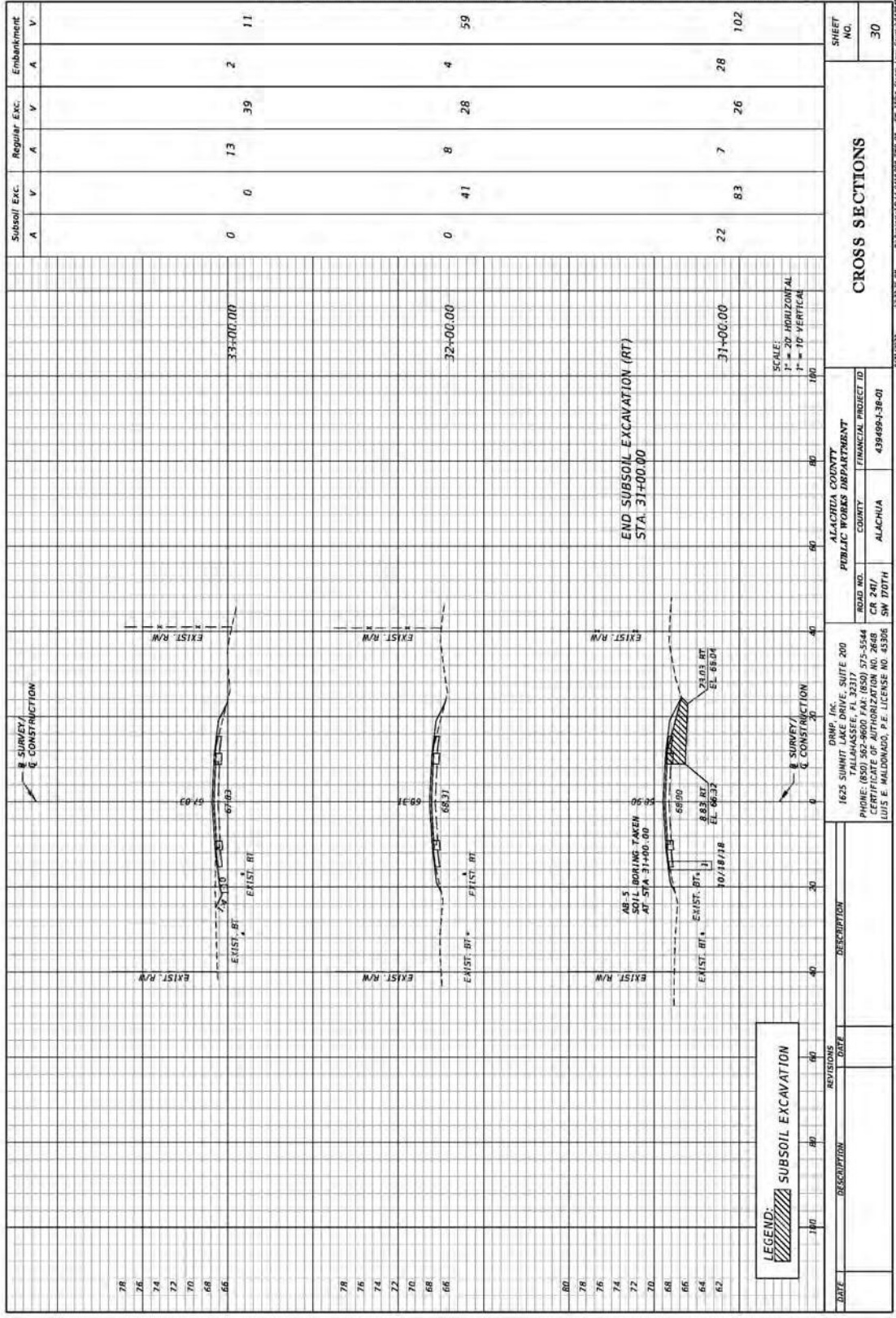
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.	Regular Exc.	Embankment
A V V A V	A V A V A V	A V A V A V
23	7	27
22	7	28
22	7	27
		102

ALACHUA COUNTY		ROAD NO.	CR 241
PUBLIC WORKS DEPARTMENT		COUNTY	ALACHUA
FINANCIAL PROJECT ID		SW 170TH	SW 170TH
		FINANCIAL PROJECT ID	439499-1-38-01

DMP, INC.		1624 SUNNIT LAKE DRIVE, SUITE 200
PUNY, FL 32317		575-5544
REGISTERED PROFESSIONAL ENGINEER		CERTIFICATE OF AUTHORIZATION NO. 2648
LUIS E. MALDONADO, P.E.		LICENSE NO. 45306

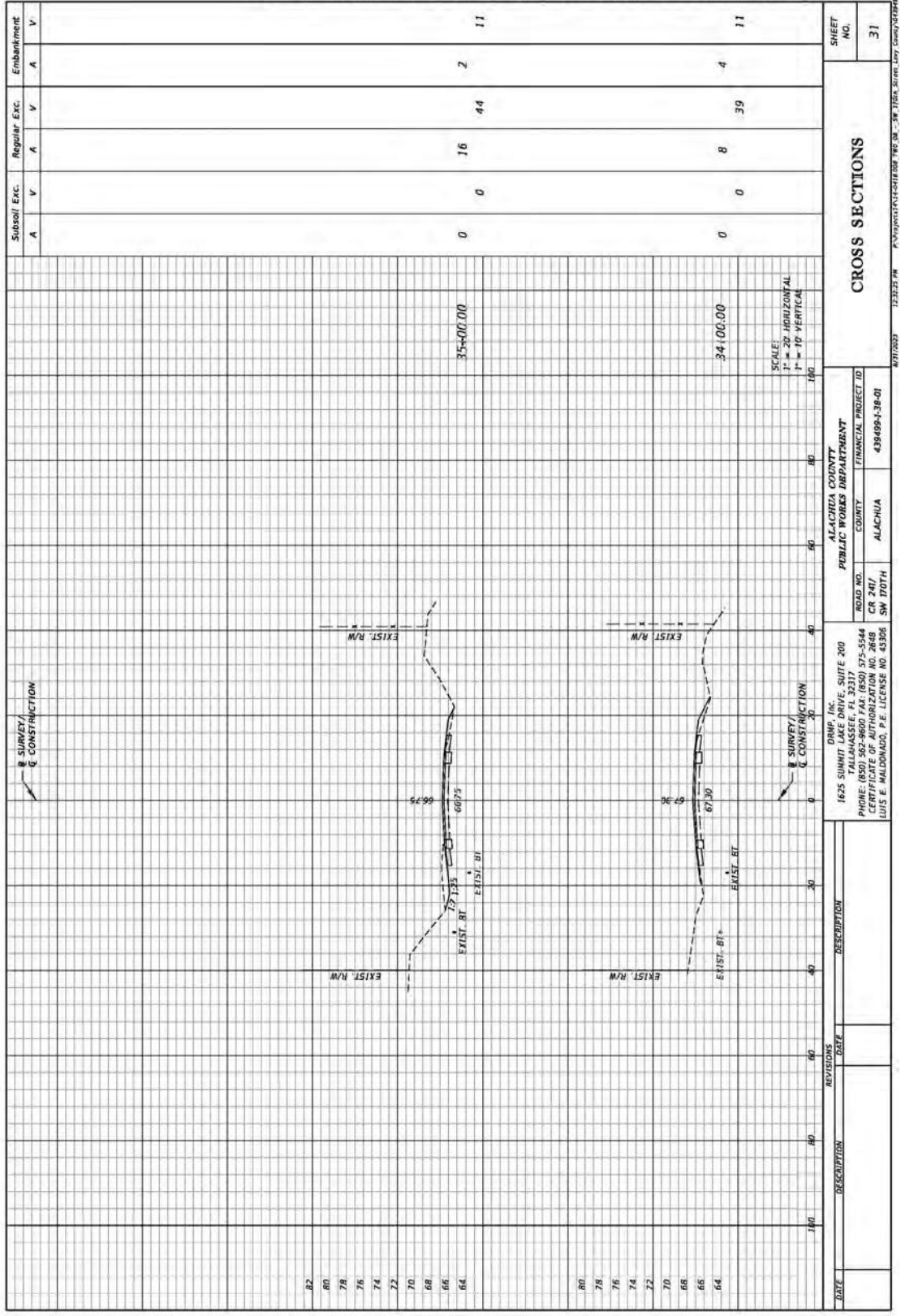
DATE	DESCRIPTION	DATE



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	REVISIONS	DESCRIPTION

DMR, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33217 PHONE: (888) 888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID SW 170TH 439499-1-38-01	SHEET NO. 30
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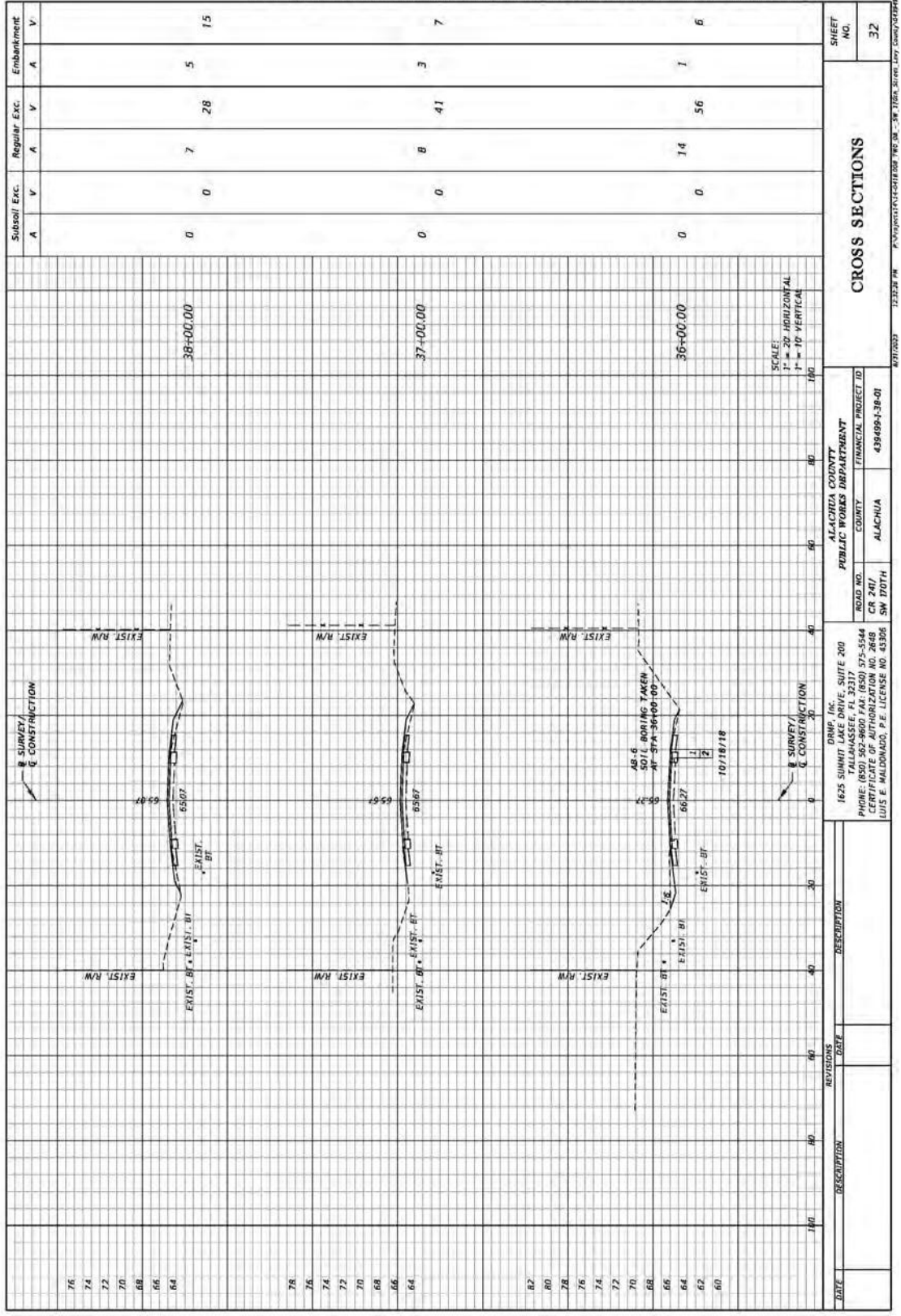
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

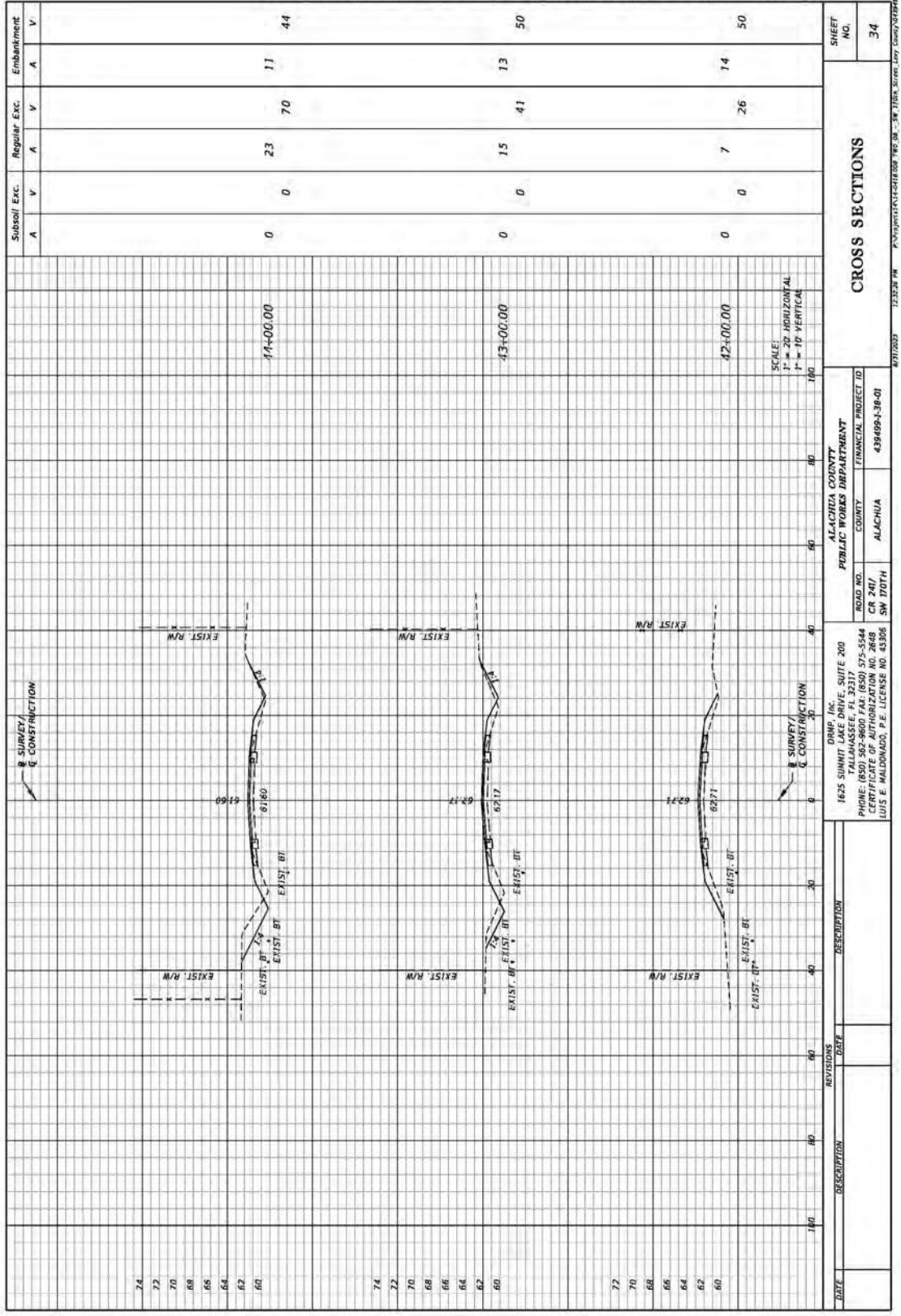
DATE	DESCRIPTION	DATE	REVISIONS

ALACHUA COUNTY PUBLIC WORKS DEPARTMENT	
ROAD NO. CR 241	FINANCIAL PROJECT ID 439499-1-38-01
COUNTY ALACHUA	
SW 170TH	

DMP, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 32117 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306	
--	--

CROSS SECTIONS	SHEET NO. 31
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-29.004, F.A.C.

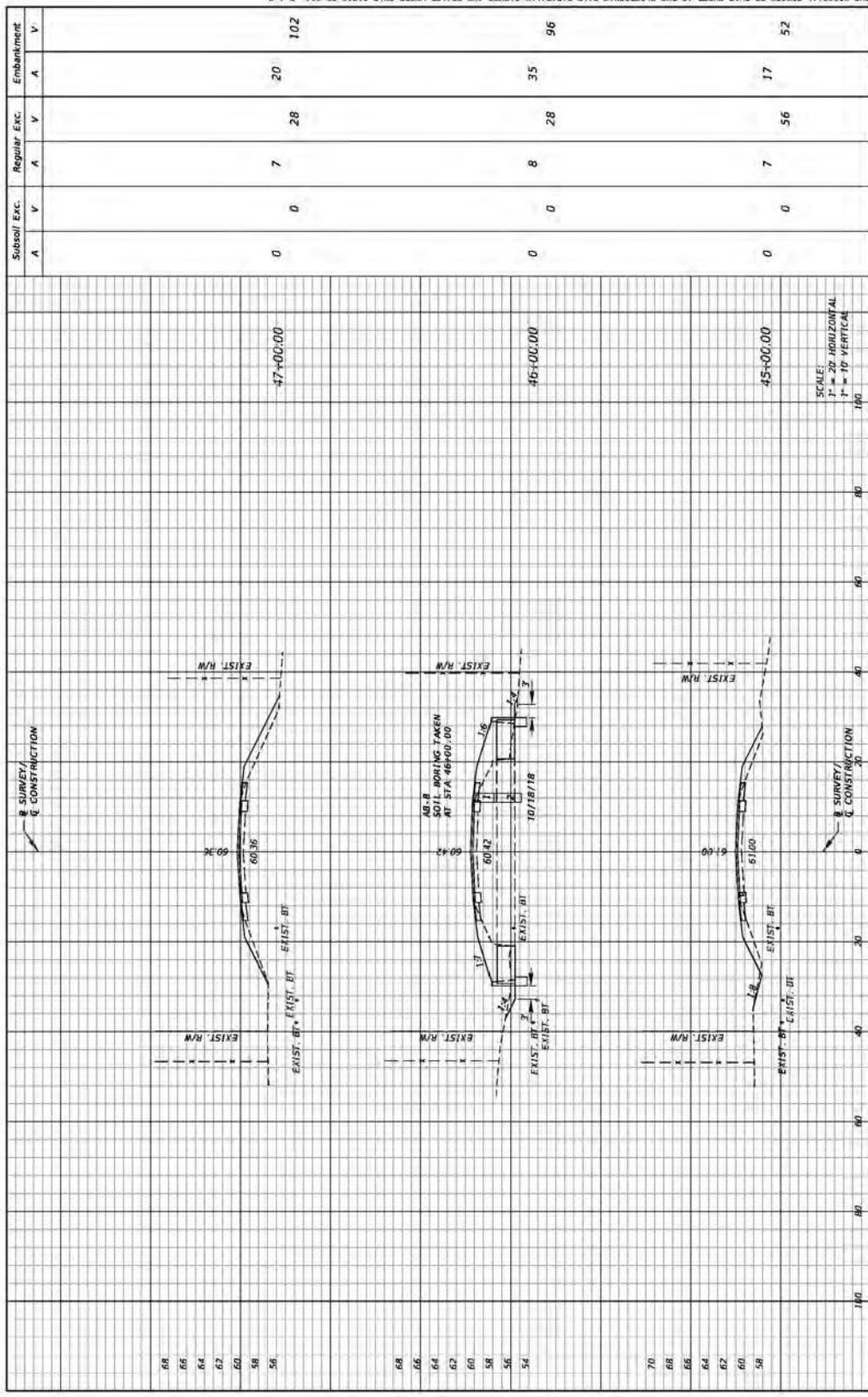
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	23	70	11	44
0	0	15	41	13	50
0	0	7	26	14	50

CROSS SECTIONS	
ALACHUA COUNTY PUBLIC WORKS DEPARTMENT	ROAD NO. CR 241
COUNTY ALACHUA	FINANCIAL PROJECT ID 439499-1-38-01
SW 170TH	SHEET NO. 34

DATE: 12/22/2011 12:32:28 PM
 PROJECT: 439499-1-38-01

DMP, INC.
 1624 SUNNIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 33217
 PHONE: 888-888-8888
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	DESCRIPTION	DATE	DESCRIPTION



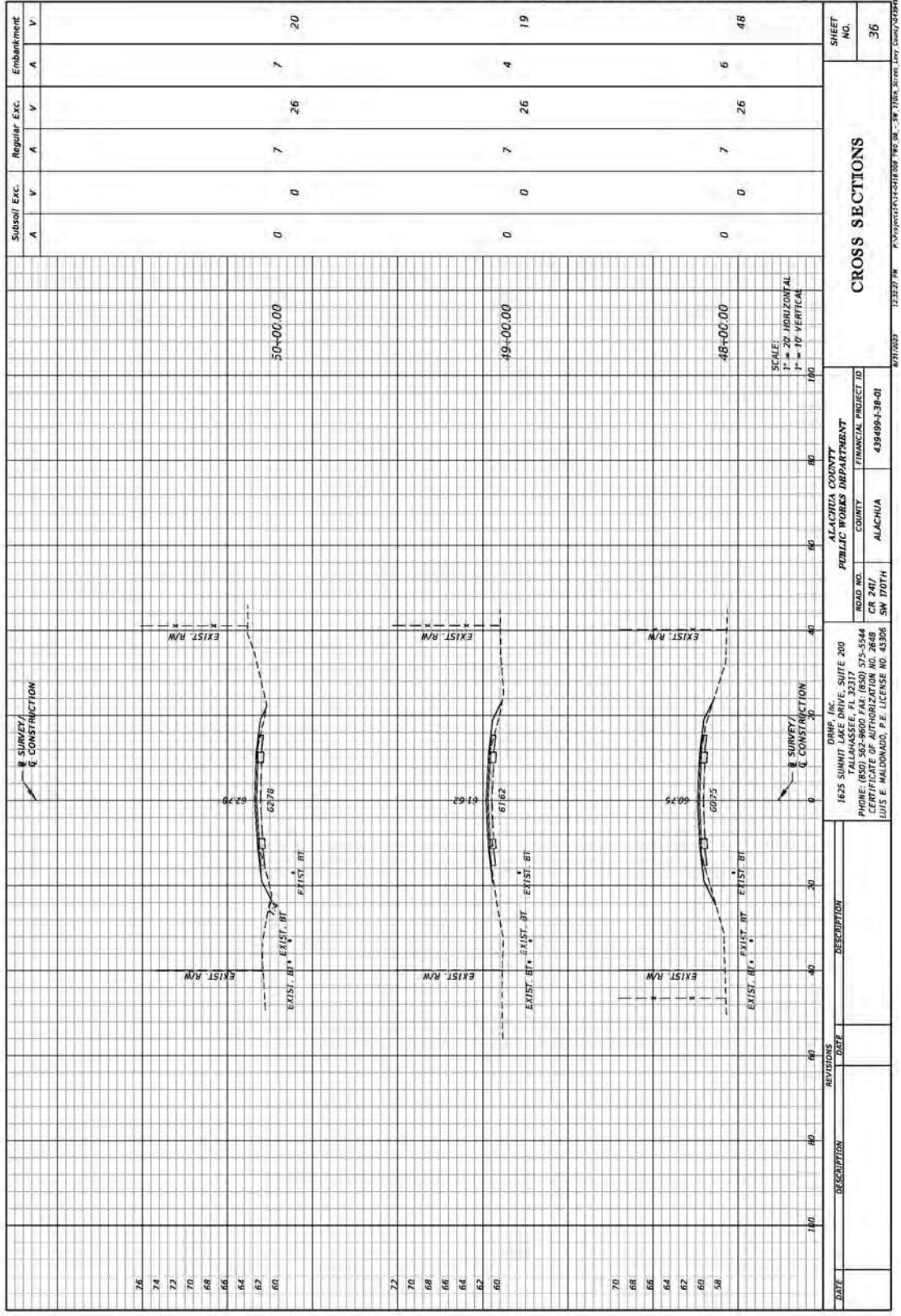
SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	7	28	20	102
0	0	8	28	35	96
0	0	7	56	17	52

DATE	DESCRIPTION	DATE	REVISIONS

DMP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33217 PHONE: (888) 343-3333 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01	SHEET NO. 35 M7/2023 133237 M P:\Projects\133237\133237.dwg
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

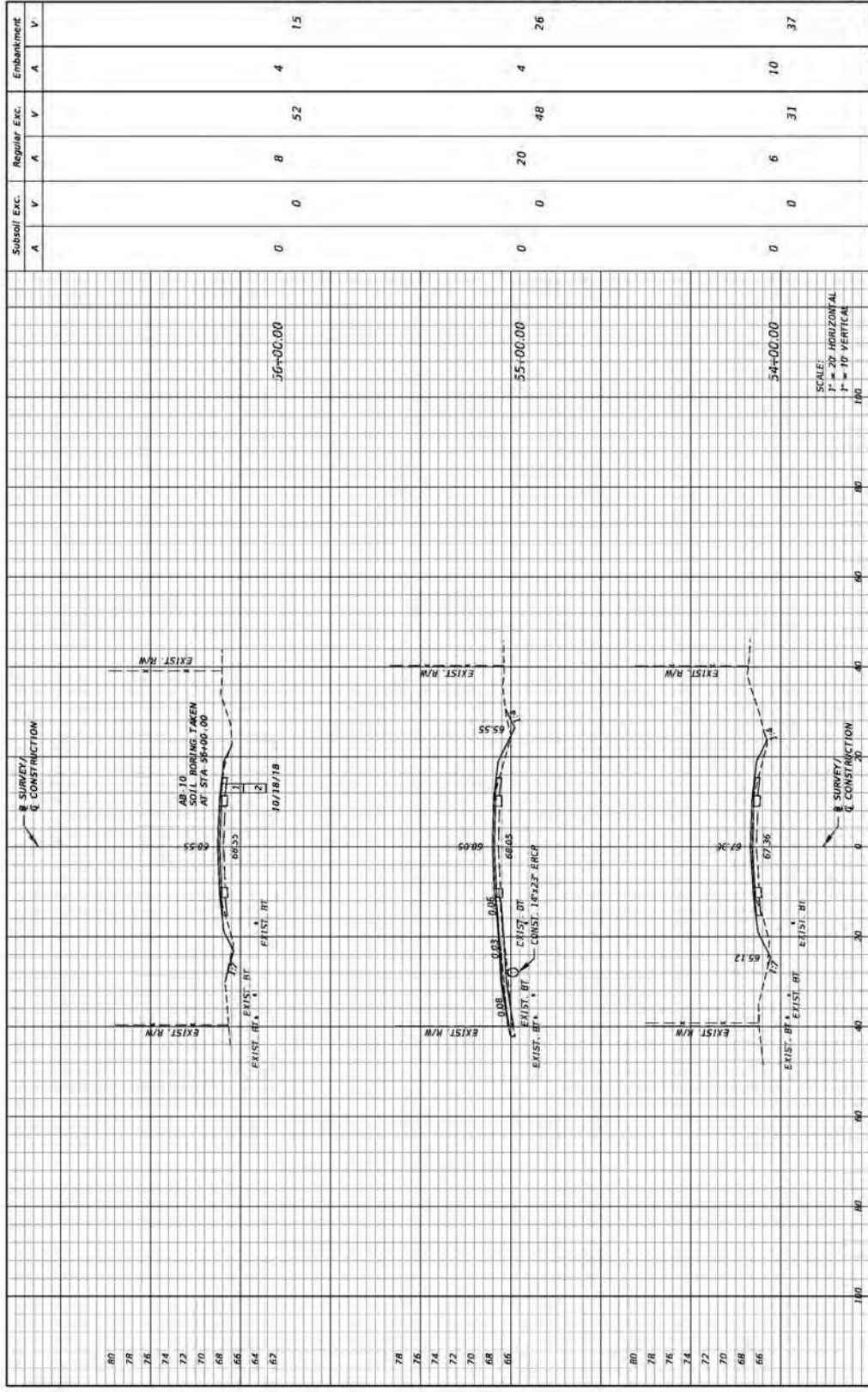


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	7	26	7	20
0	0	7	26	4	19
0	0	7	26	6	48

DATE	DESCRIPTION	DATE	REVISIONS

DMRP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33217 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-38-01	
PROJECT NO. SW 170TH SHEET NO. 36		DATE: 12/22/21	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DATE	REVISIONS	DESCRIPTION	SUBSOIL EXC.		REGULAR EXC.		EMBANKMENT	
			A	V	A	V	A	V
			0	0	8	52	4	15
			0	0	20	48	4	26
			0	0	6	31	10	37

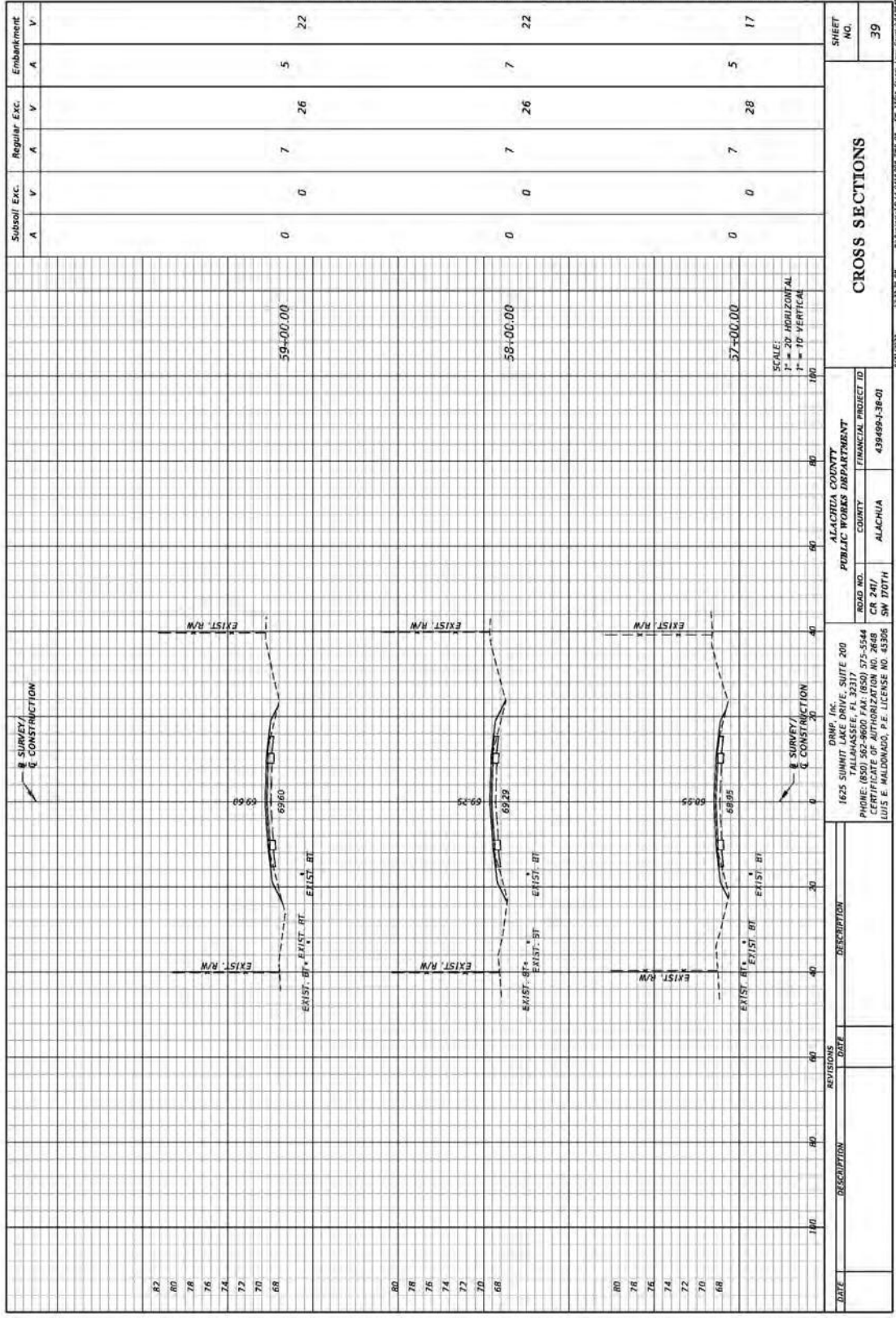
ALACHUA COUNTY PUBLIC WORKS DEPARTMENT	ALACHUA COUNTY FINANCIAL PROJECT ID 439499-1-38-01
ROAD NO. CR 241 SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
DMP, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 32317 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306	ROAD NO. CR 241 SW 170TH

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

CROSS SECTIONS

SHEET NO. 38

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61015-23.004, F.A.C.

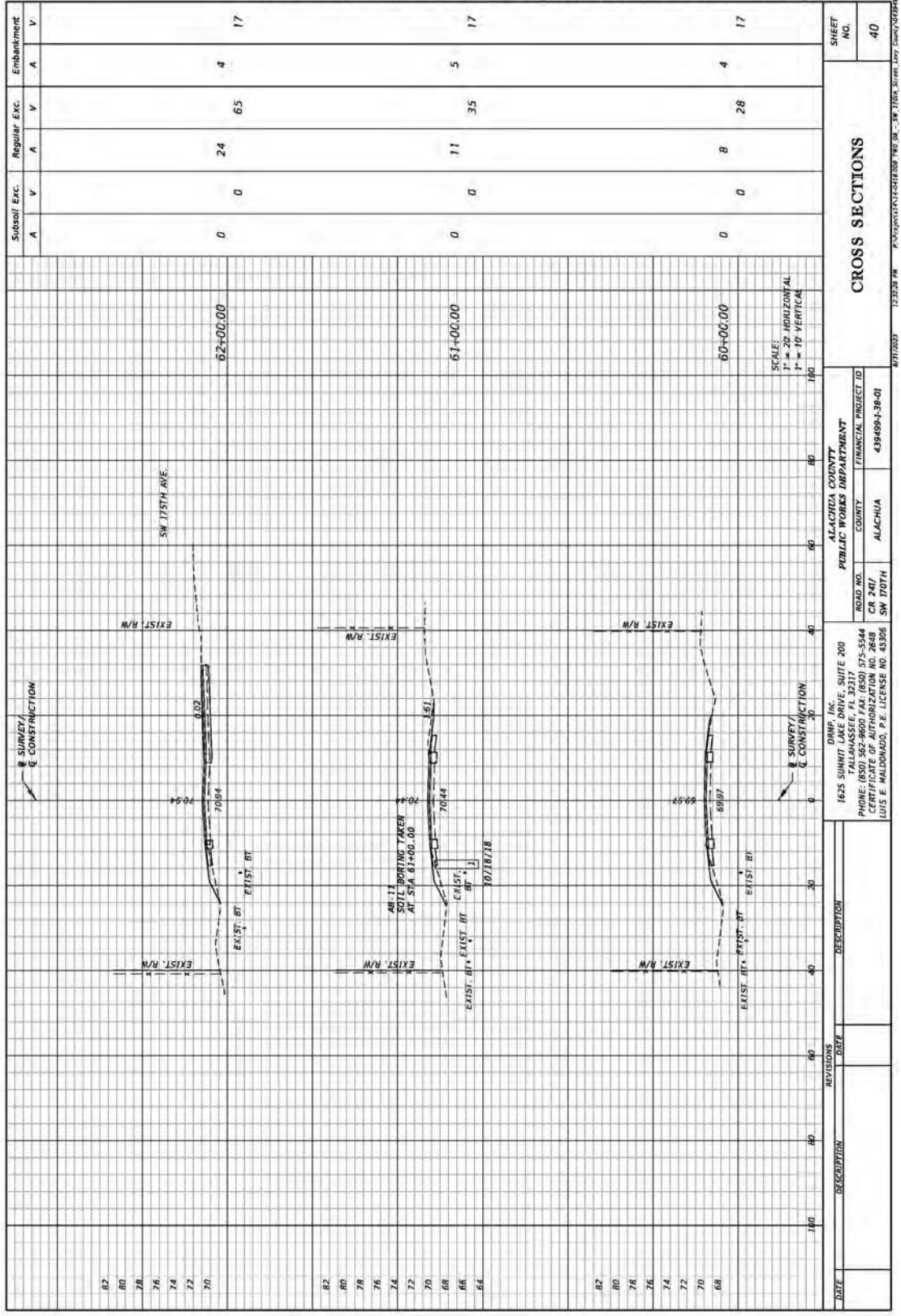


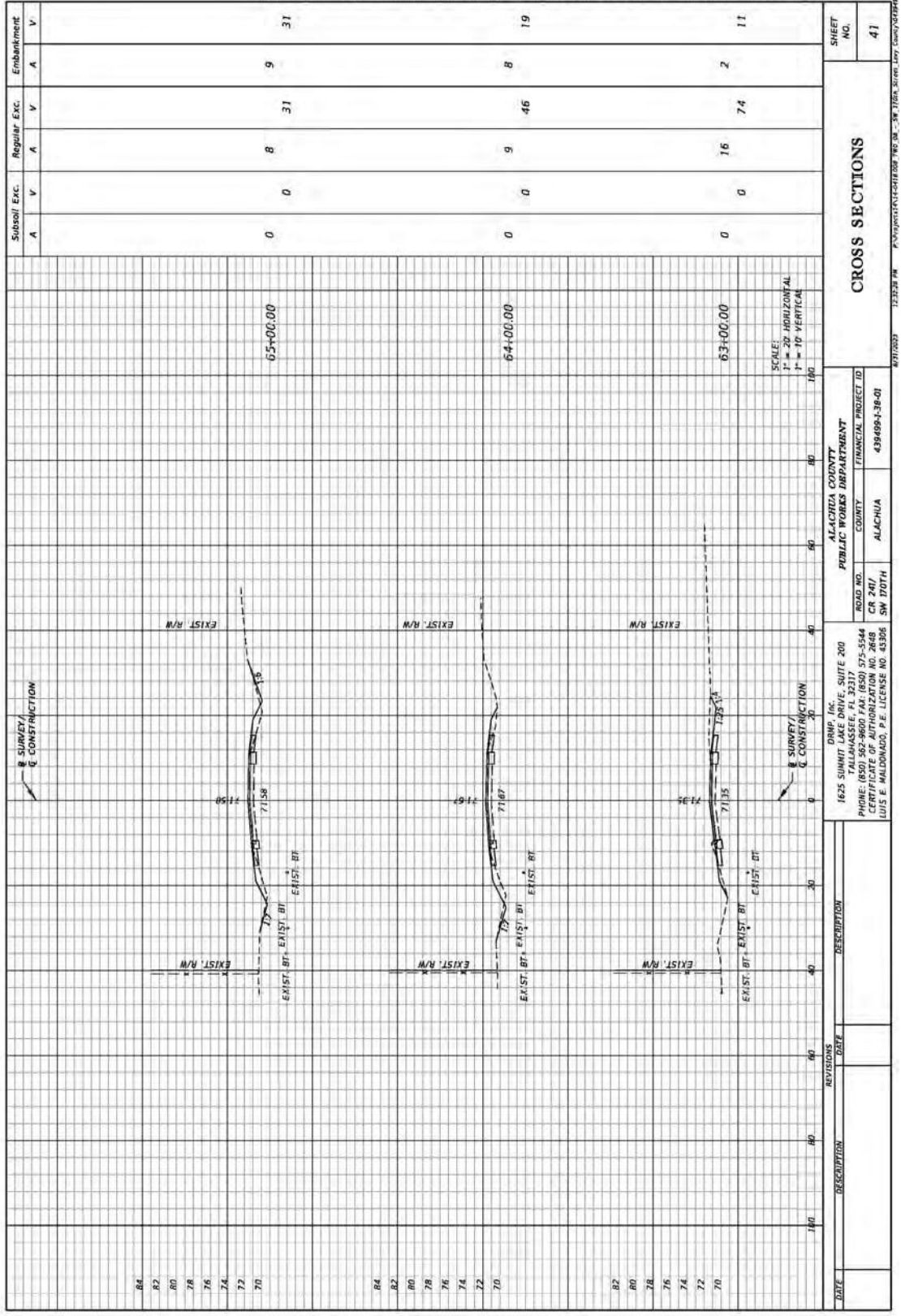
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	7	26	5	22
0	0	7	26	7	22
0	0	7	28	5	17

DATE	DESCRIPTION	REVISIONS	DATE

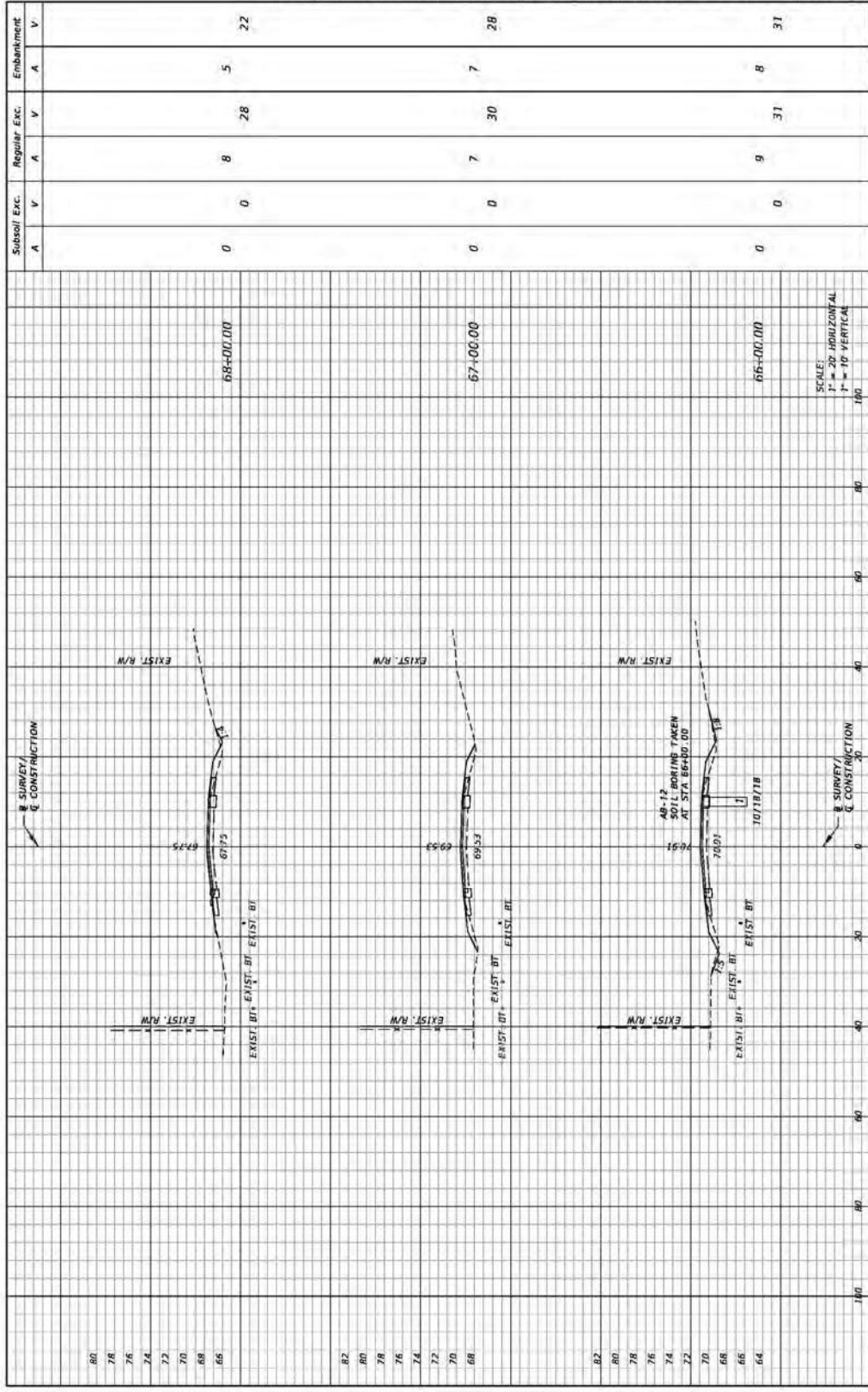
DNP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33317 PHONE: (888) 333-3333 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01	SHEET NO. 39
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THE 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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SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

DATE	REVISIONS	DESCRIPTION

DMP, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 34784 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
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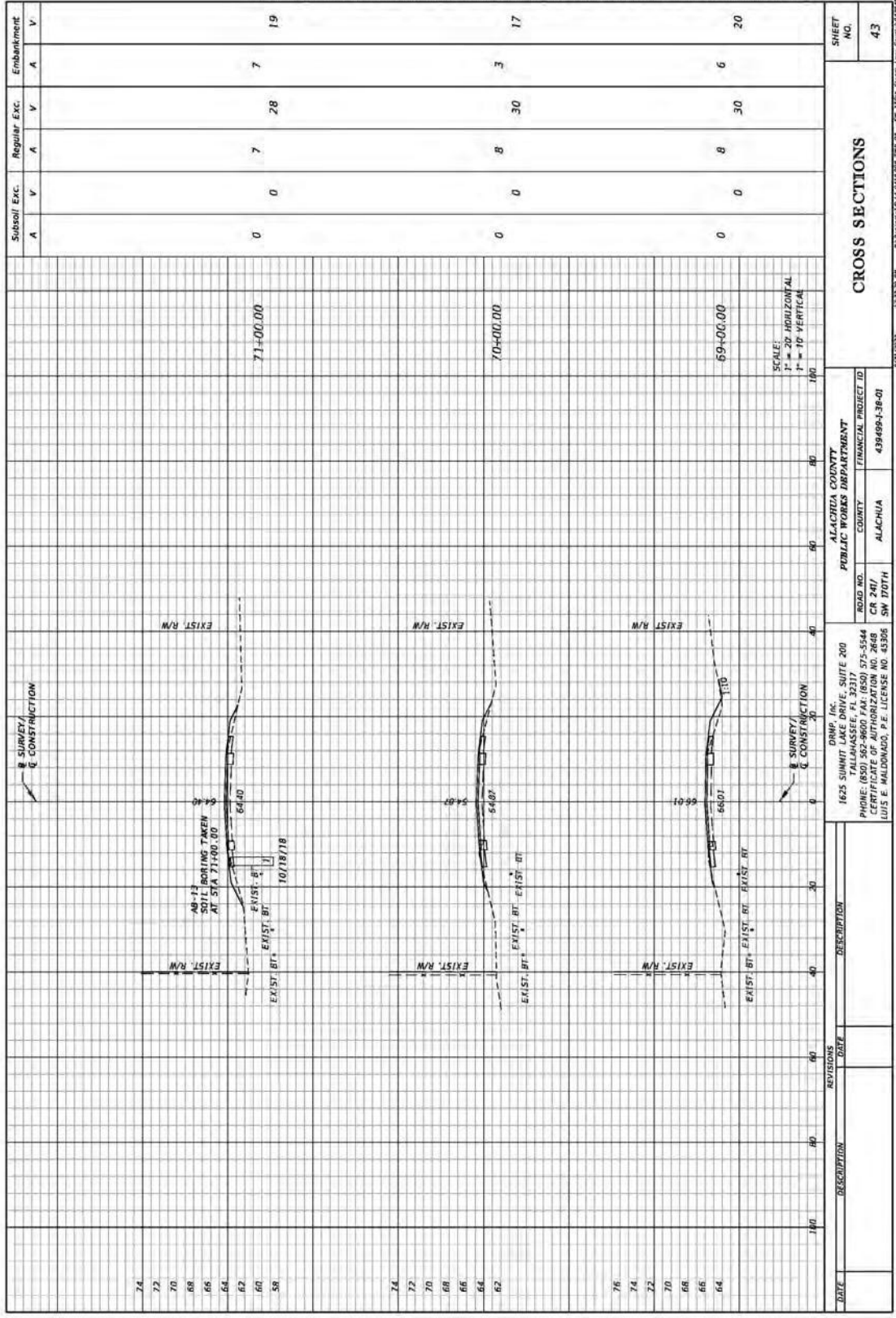
SUBSOIL EXC. A V A V A V A V A V	REGULAR EXC. A V A V A V A V A V A V	EMBANKMENT A V A V A V A V A V A V
0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7	5 5 5 5 5 5 5 5 5 5 5 5
68+00.00	67+00.00	66+00.00

CROSS SECTIONS

SHEET NO. 42

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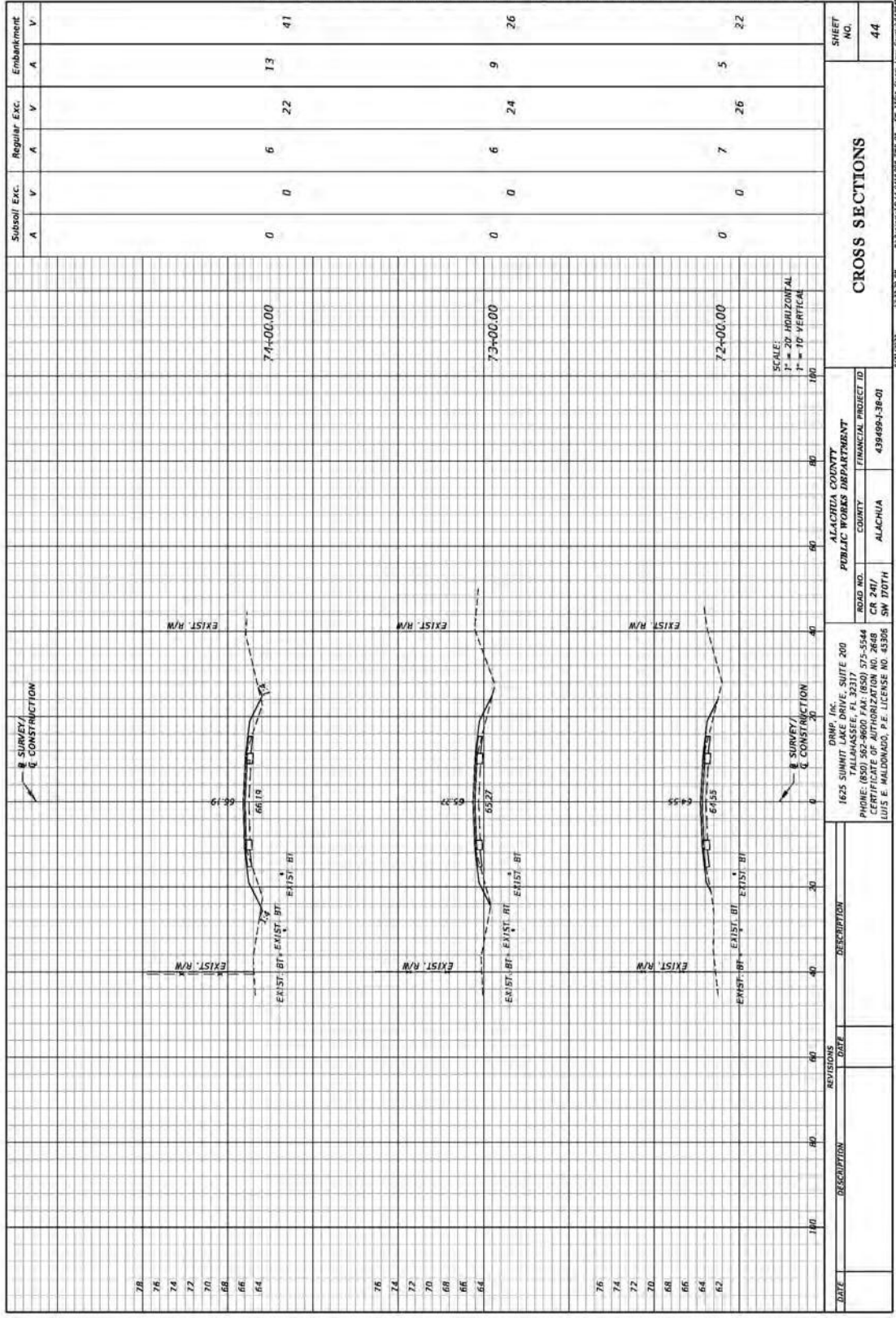
M/1/2023 13:32:29 PM P:\projects\1625SUNNITLAKE\DWG\1625SUNNITLAKE\1625SUNNITLAKE\1625SUNNITLAKE.dwg



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	REVISIONS	DESCRIPTION

DNP, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 32817 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01
DATE: 03/18/2023 TIME: 12:32:28 PM PROJECT: P:\Projects\1625 SUNNIT LAKE DRIVE SUITE 200\SW 170th Street Levy County\2023\1625 SW 170th Street Levy County\2023\1625 SW 170th Street Levy County\1625 SW 170th Street Levy County.dwg		SHEET NO. 43



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-29.004, F.A.C.

Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	6	22	13	41
0	0	6	24	9	26
0	0	7	26	5	22

CROSS SECTIONS	
ROAD NO.	CR 241
COUNTY	ALACHUA
FINANCIAL PROJECT ID	439499-1-38-01
SW 170TH	SW 170TH

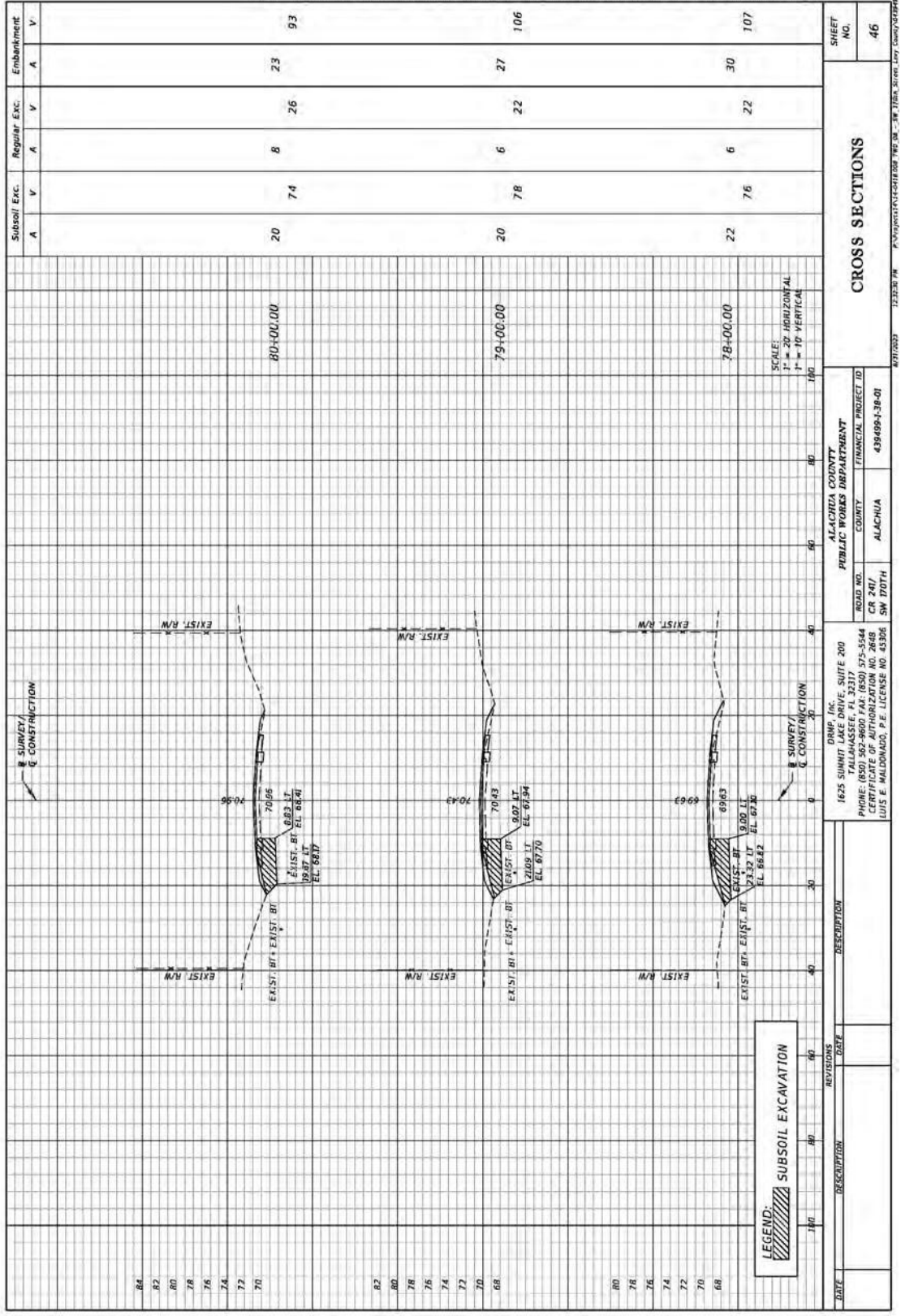
ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT
ROAD NO. CR 241
COUNTY ALACHUA
FINANCIAL PROJECT ID 439499-1-38-01
SW 170TH

DMP, Inc.
1624 SUNNIT LAKE DRIVE, SUITE 200
PALM HARBOR, FL 32177
PHONE: 888-888-8888
CERTIFICATE OF AUTHORIZATION NO. 2648
LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	DESCRIPTION	DATE	REVISIONS

78	76	74	72	70	68	66	64	62
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M7/2023 13:23:29 PM P:\Projects\1624SUNNITLAKE\1624SUNNITLAKE.dwg User: dmp\louis



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
20	74	8	26	23	93
20	78	6	22	27	106
22	76	6	22	30	107

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

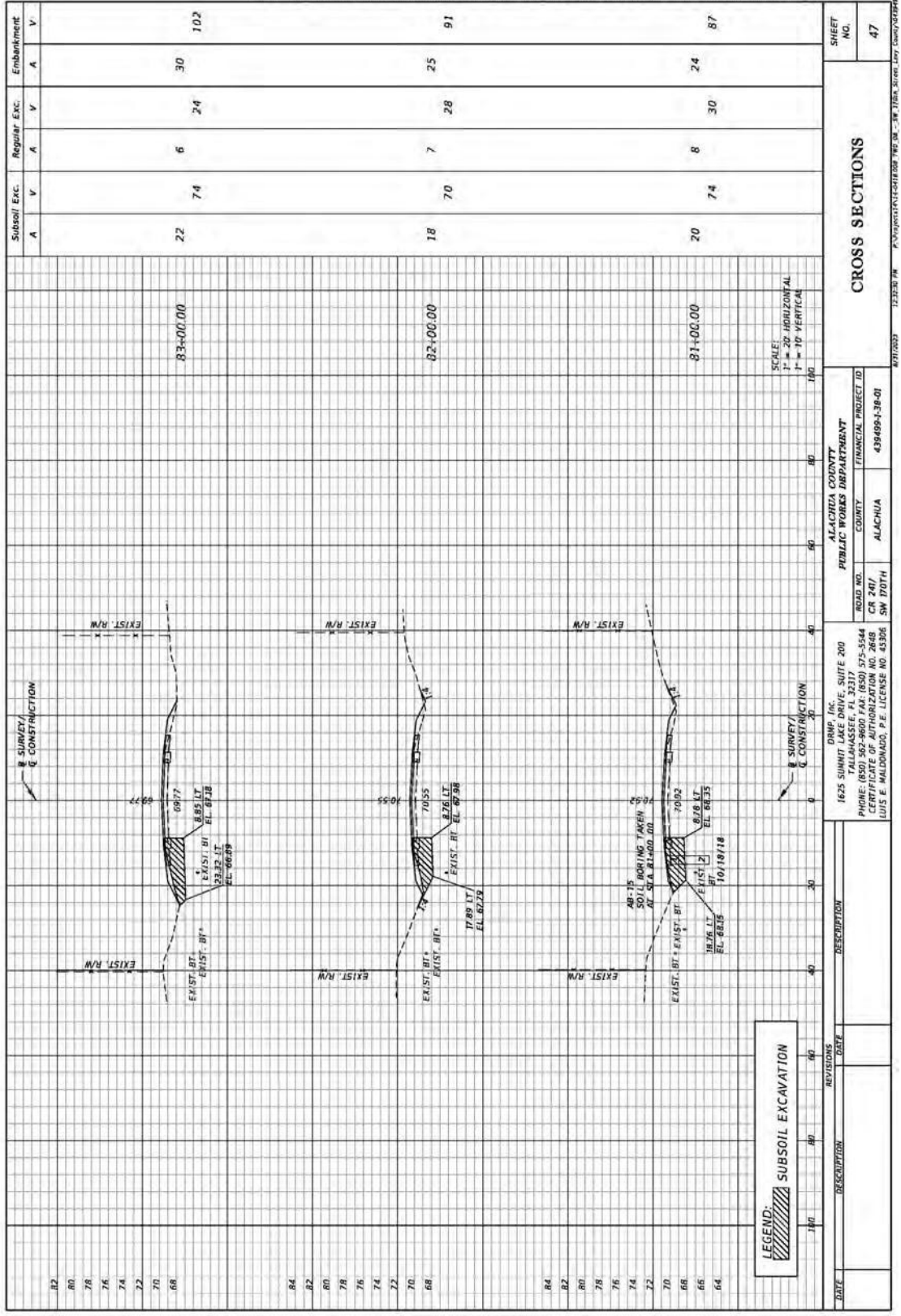
CROSS SECTIONS

ALACHUA COUNTY
 PUBLIC WORKS DEPARTMENT
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR 241 ALACHUA 439499-1-38-01
 SW 170TH
 DNP, Inc.
 1624 SUNNIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 33617
 PHONE: 888-888-8888
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	DESCRIPTION	DATE

DATE: 12/22/2023 12:32:36 PM
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 SHEET NO. 46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-29.004, F.A.C.



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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
22	74	6	24	30	102
18	70	7	28	25	91
20	74	8	30	24	87

CROSS SECTIONS	
ROAD NO.	CR 240
COUNTY	ALACHUA
FINANCIAL PROJECT ID	439499-1-38-01
FINANCIAL PROJECT ID	439499-1-38-01

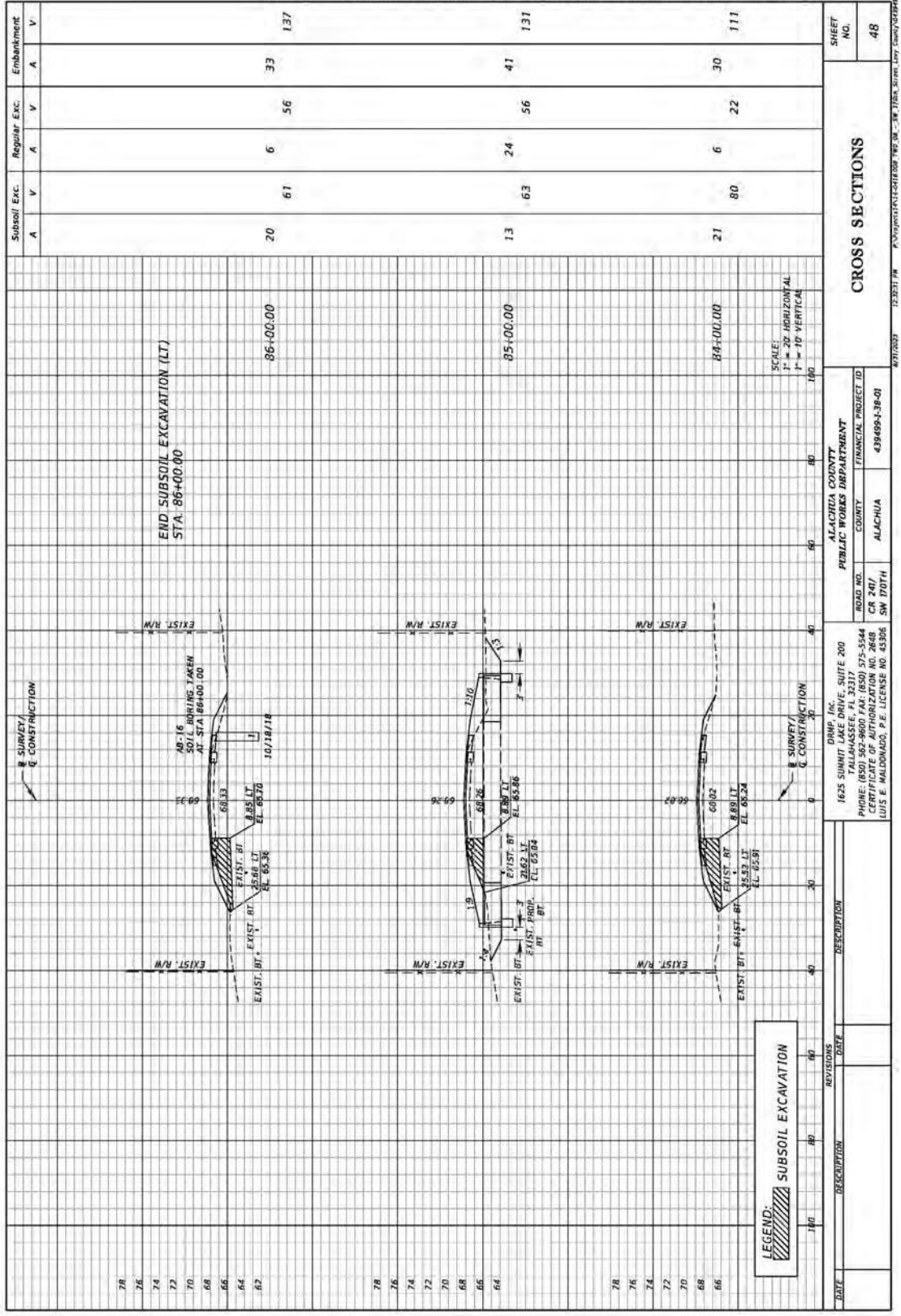
ALACHUA COUNTY
 PUBLIC WORKS DEPARTMENT
 ROAD NO. CR 240
 COUNTY ALACHUA
 FINANCIAL PROJECT ID 439499-1-38-01

DMP, INC.
 1625 SUNNIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 32117
 PHONE: 888-888-8888
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	REVISIONS	DESCRIPTION

82	80	78	76	74	72	70	68
84	82	80	78	76	74	72	70
86	84	82	80	78	76	74	72
88	86	84	82	80	78	76	74
90	88	86	84	82	80	78	76
92	90	88	86	84	82	80	78
94	92	90	88	86	84	82	80
96	94	92	90	88	86	84	82
98	96	94	92	90	88	86	84
100	98	96	94	92	90	88	86

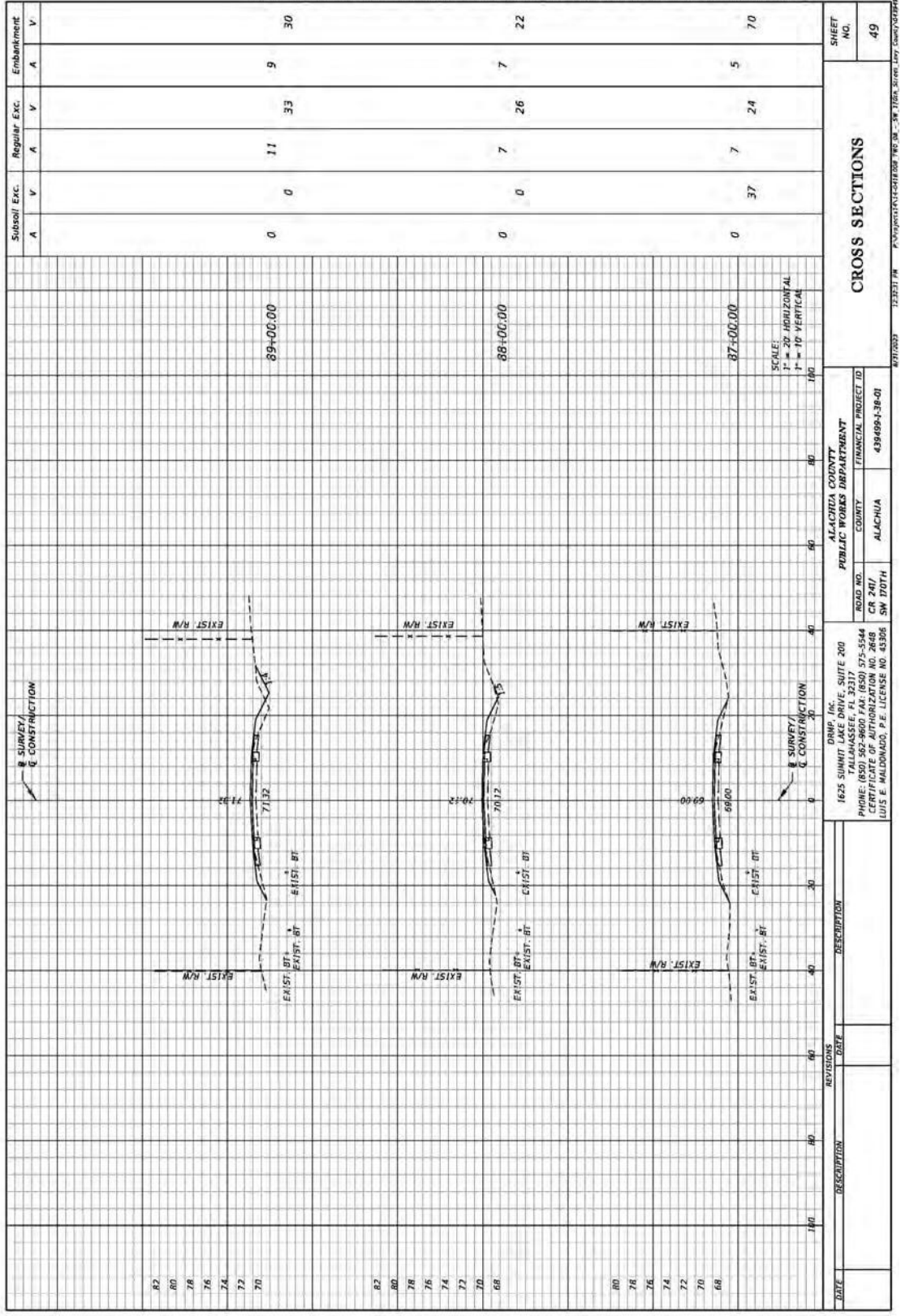
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 TIME: 12:33:30 PM

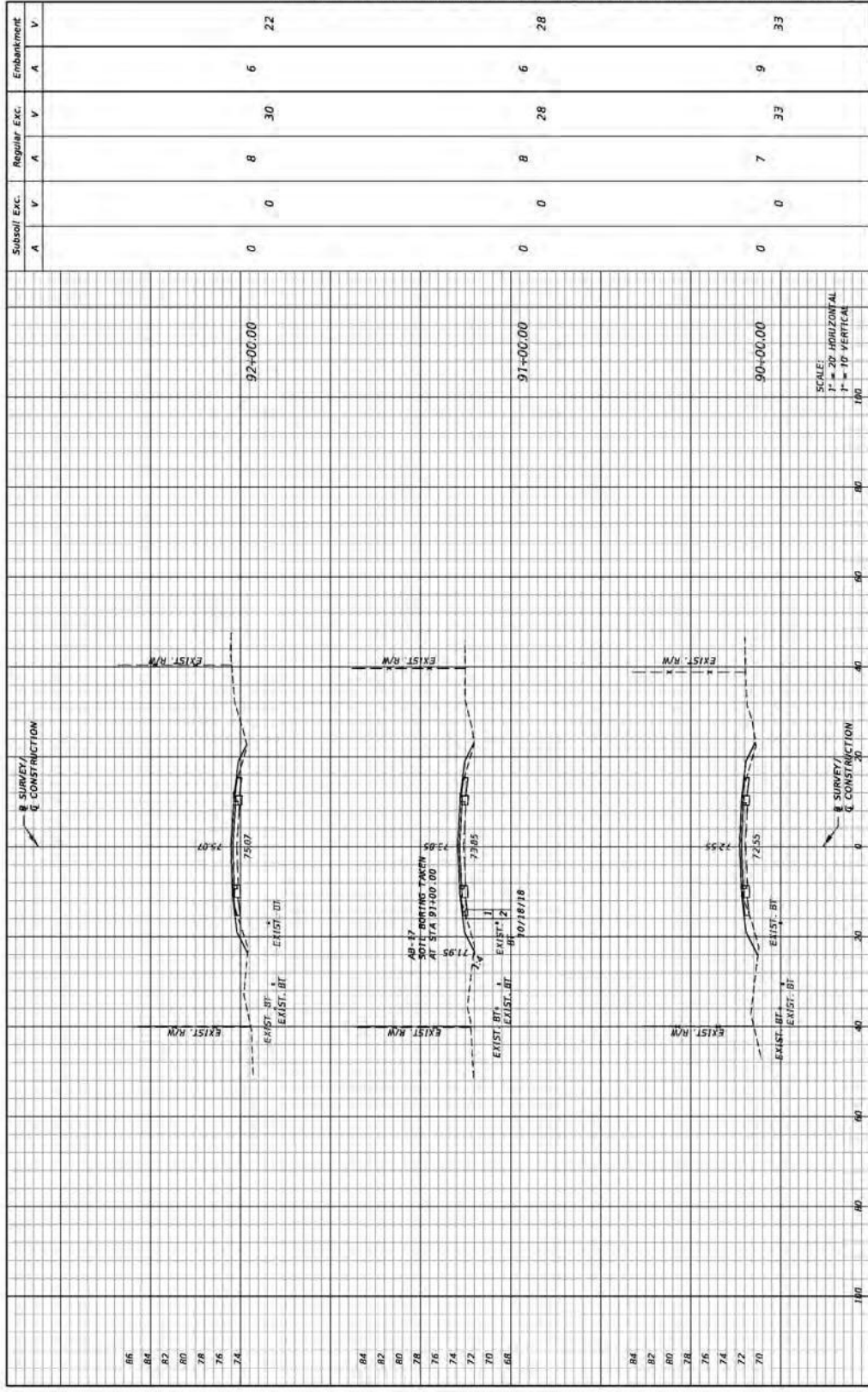


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	REVISION	DESCRIPTION

DMRP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 PHONE: 561-833-1111 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 240 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-38-01
LEGEND: SUBSOIL EXCAVATION		SHEET NO. 48





DATE	DESCRIPTION	DATE	REVISIONS

DMR, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33317 PHONE: (888) 353-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01
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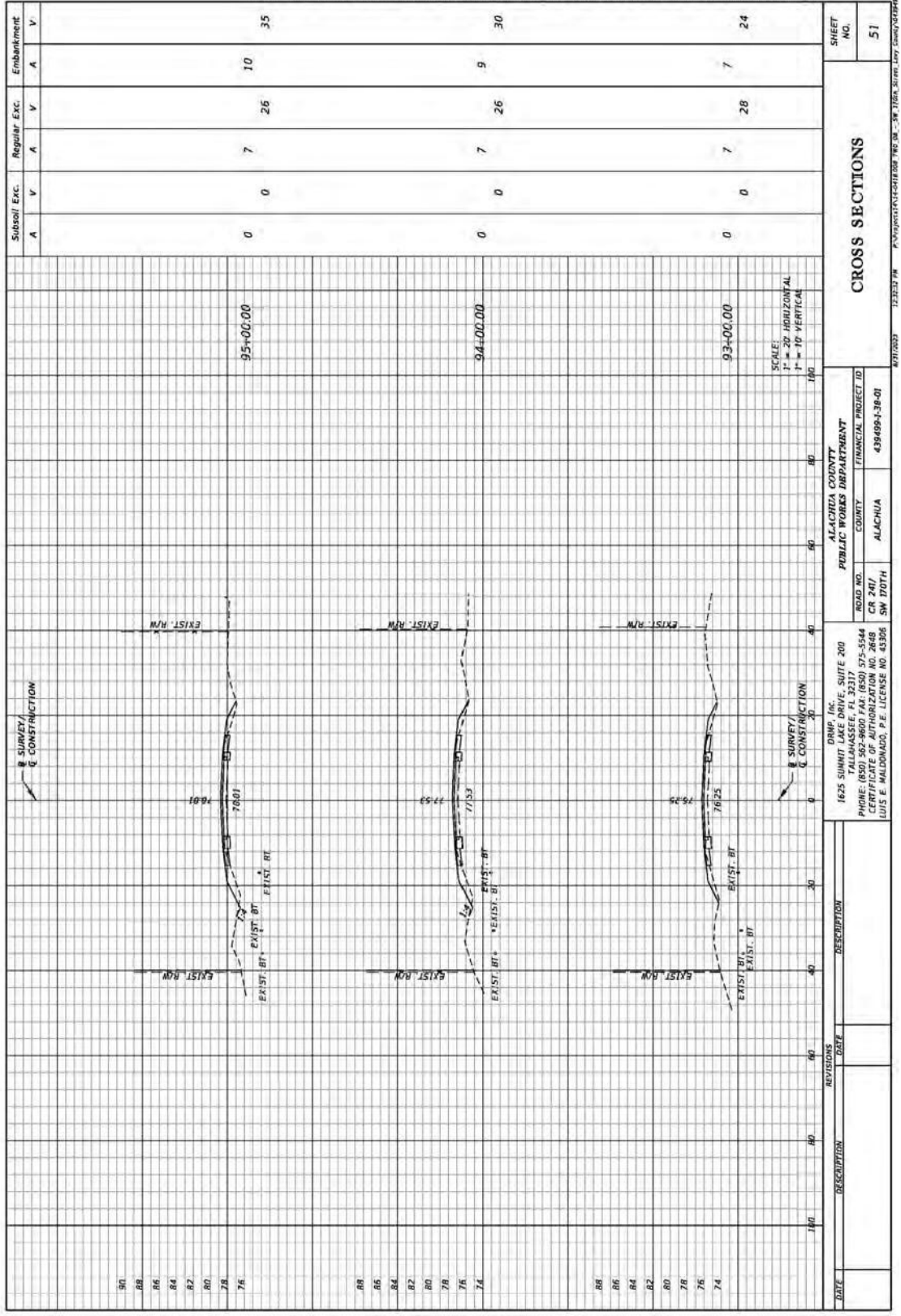
Subsoil Exc.	Regular Exc.	Embankment
A V	A V	A V
0 0	8 30	6 22
0 0	8 28	6 28
0 0	7 33	9 33

SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	
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CROSS SECTIONS	
SHEET NO.	50

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

M:\2023\123231\123231.dwg P:\Projects\123231\123231.dwg SW 170th Street Levy County 439499-1-38-01



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	7	26	10	35
0	0	7	26	9	30
0	0	7	28	7	24

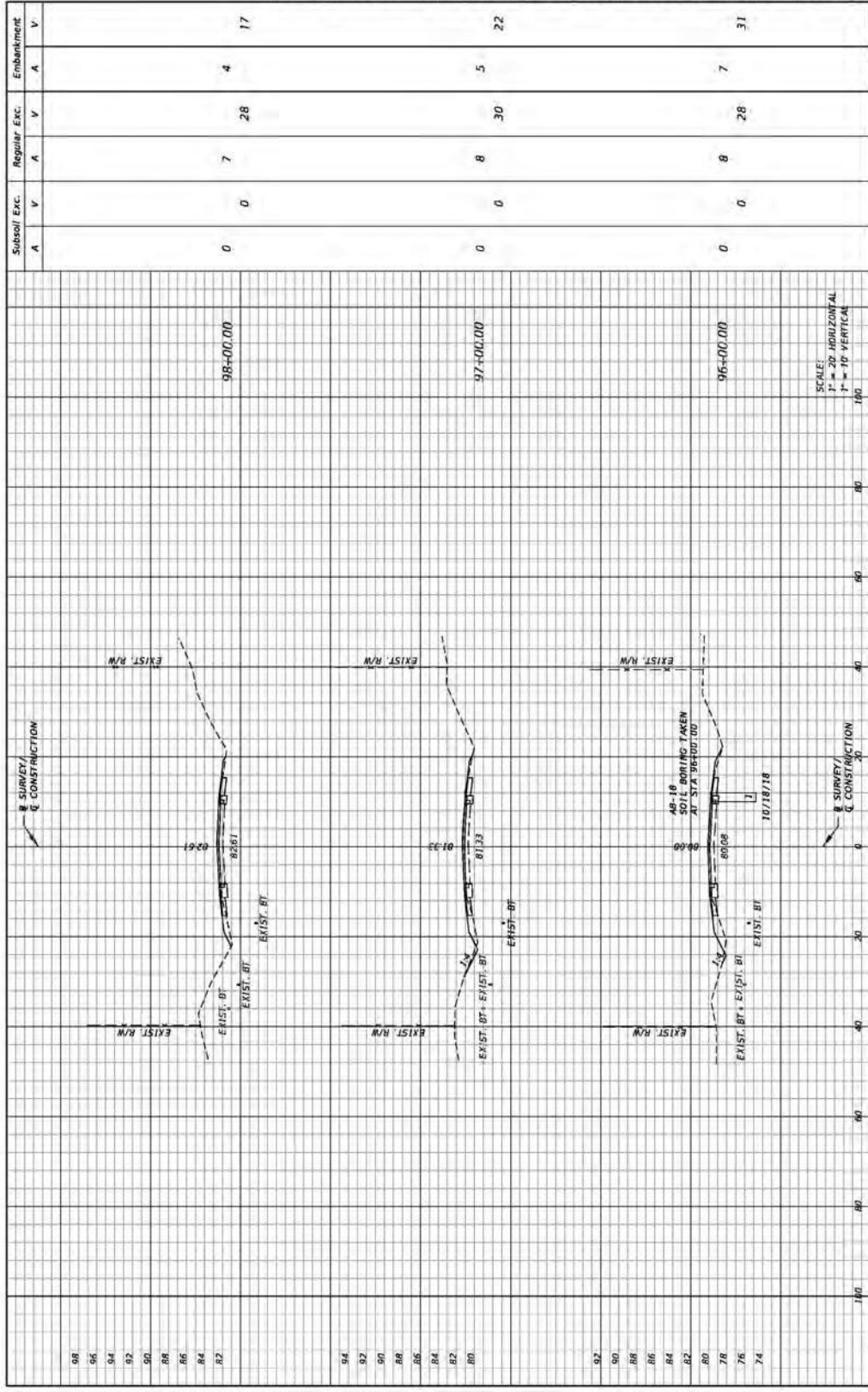
CROSS SECTIONS

ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT
ROAD NO. CR 241
COUNTY ALACHUA
FINANCIAL PROJECT ID 439499-1-38-01
SW 170TH
DNP, Inc.
1625 SUNNIT LAKE DRIVE, SUITE 200
PALM HARBOR, FL 3317
PHONE: 888-888-8888
CERTIFICATE OF AUTHORIZATION NO. 2648
LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	DESCRIPTION	DATE	REVISIONS

SHEET NO.	51
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DATE	REVISIONS	DESCRIPTION

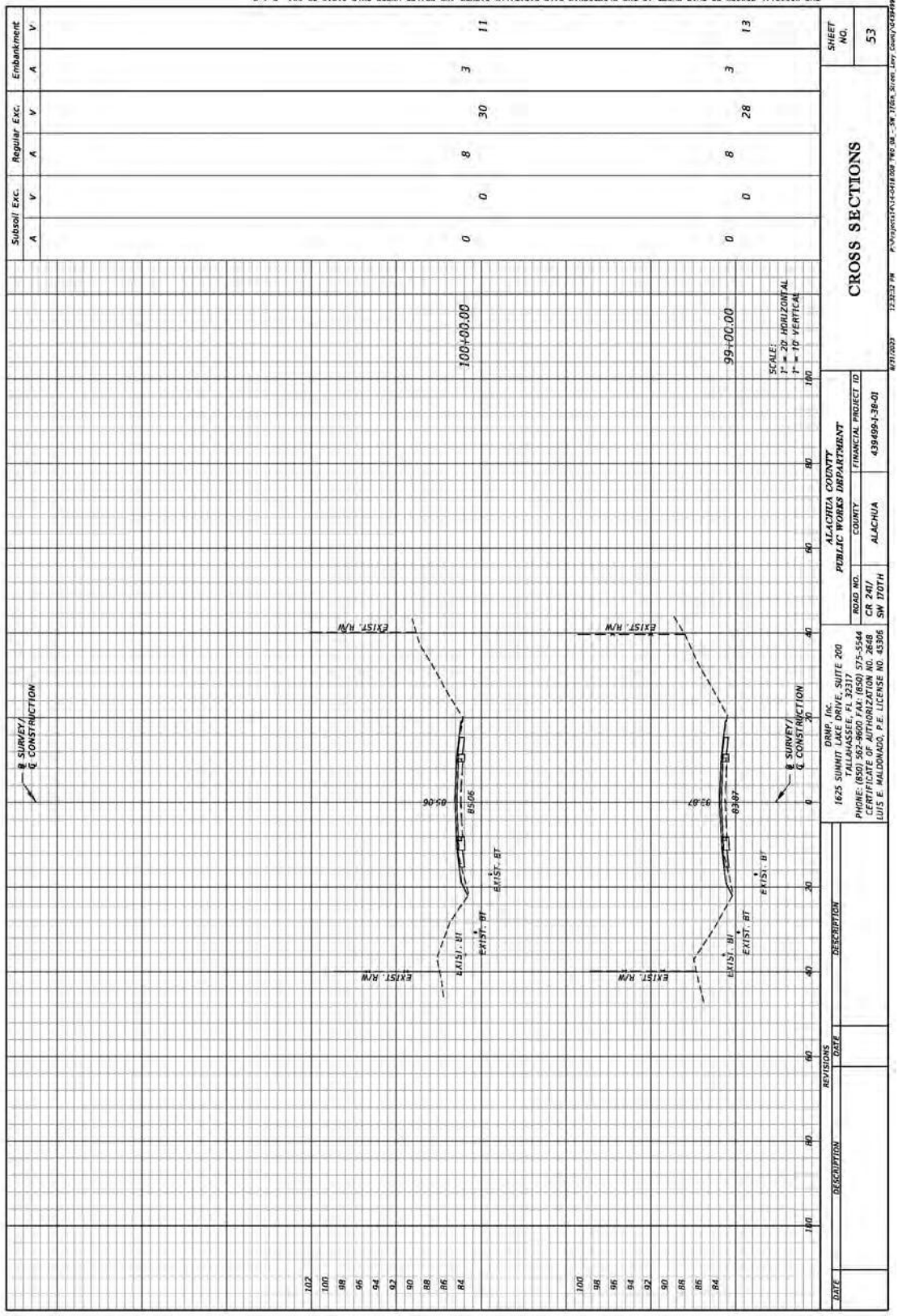
DNP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 32317 PHONE: (888) 333-3333 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH	FINANCIAL PROJECT ID 439499-1-58-01
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SUBSOIL EXC. A: 0 V: 0	REGULAR EXC. A: 7 V: 28	EMBANKMENT A: 4 V: 17
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SHEET NO. 52

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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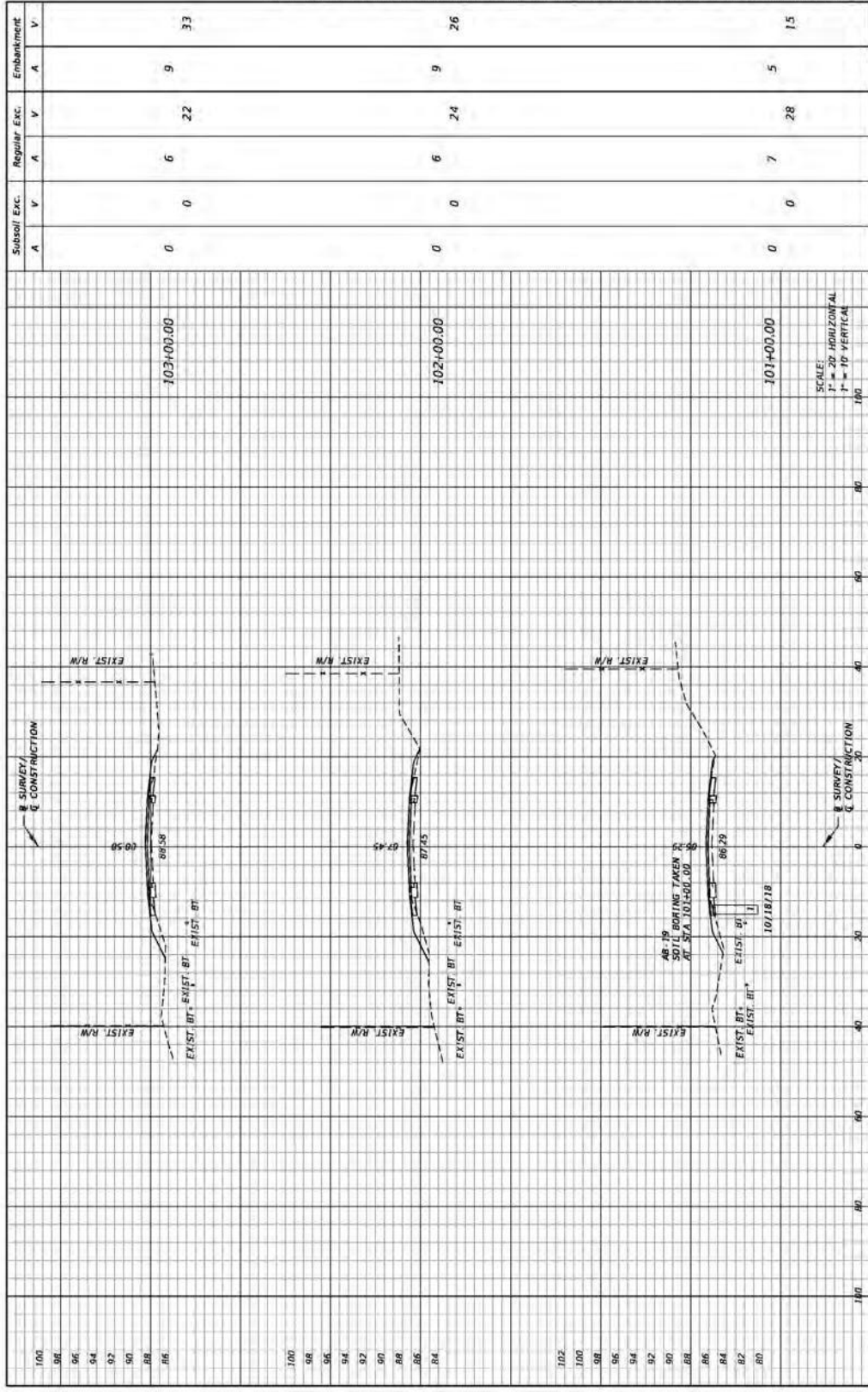
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G13-23.004, F.A.C.

Subsoil Exc.	Regular Exc.	Embankment
A	V	A
V	A	V
0	8	3
0	0	11
0	8	3
0	0	13

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMR, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33617 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
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SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	SHEET NO. 53
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DATE	DESCRIPTION	DATE	REVISIONS

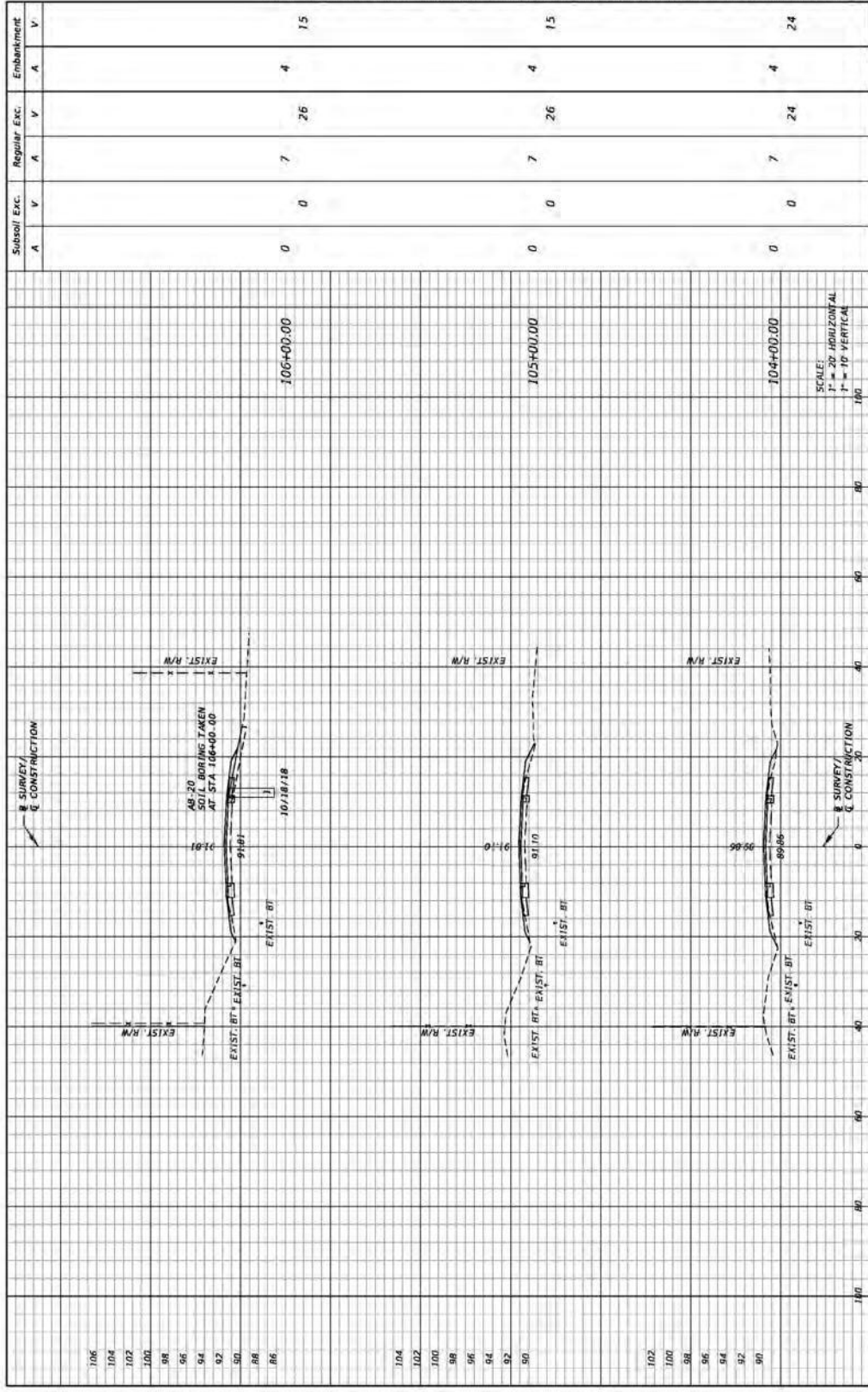
DNP, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33217 PHONE: (888) 353-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
---	---	--

SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	SUBSOIL EXC. A: 0 V: 0	REGULAR EXC. A: 6 V: 22	EMBANKMENT A: 9 V: 33
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CROSS SECTIONS	
SHEET NO.	54

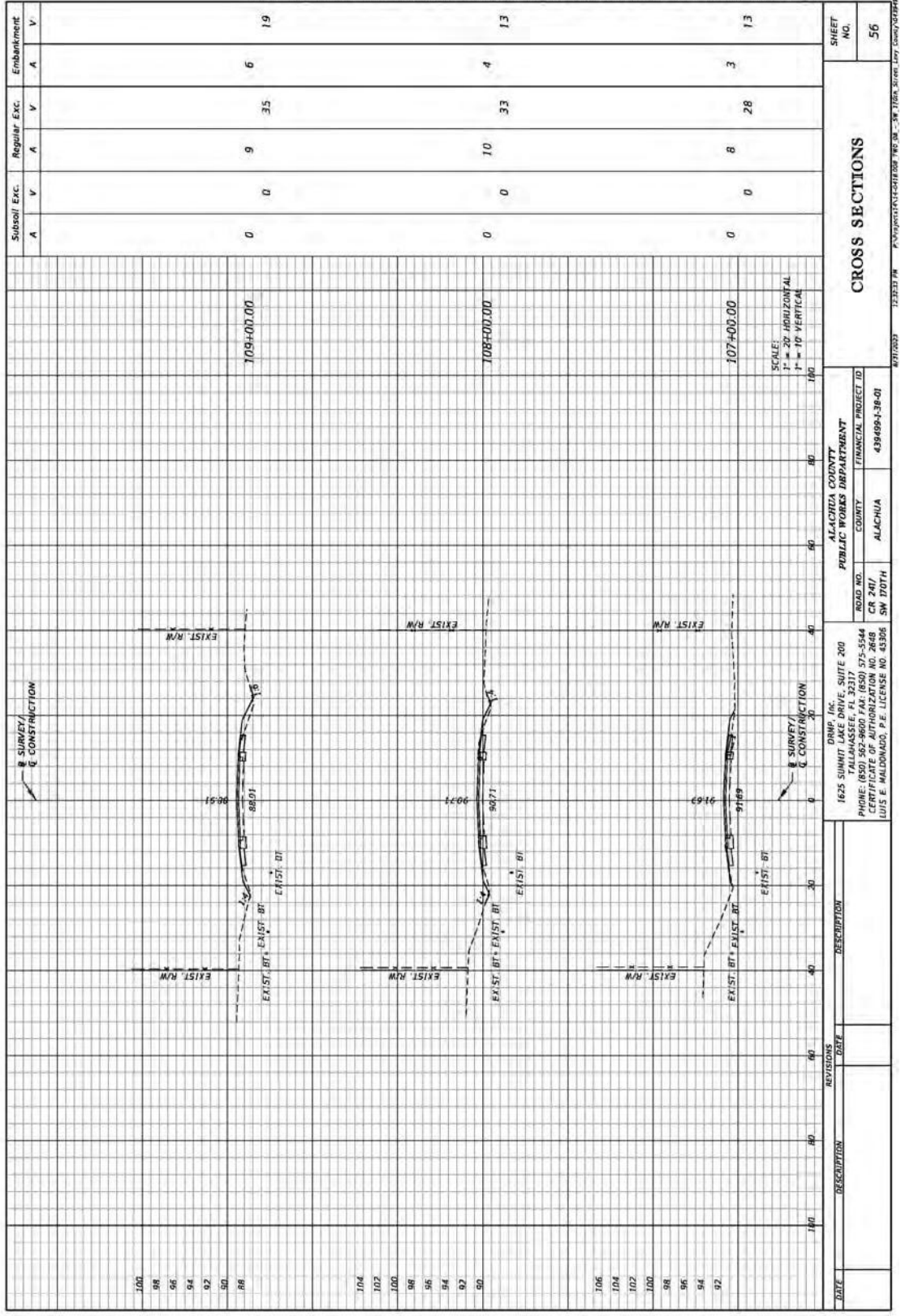
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MAY 2023 12:33:31 PM P:\Projects\1625SUNNITLAKE\200\1625_SUNNITLAKE_SW170TH_Surf\241\CR241.dwg



DATE	REVISIONS	DESCRIPTION	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
			CR 241	ALACHUA				
			1625 SUNNIT LAKE DRIVE, SUITE 200		CR 241	ALACHUA		
			DAVID R. MALDONADO, P.E.		SW 170TH			
			1625 SUNNIT LAKE DRIVE, SUITE 200		SW 170TH			
			DAVID R. MALDONADO, P.E.		SW 170TH			
			1625 SUNNIT LAKE DRIVE, SUITE 200		SW 170TH			
			DAVID R. MALDONADO, P.E.		SW 170TH			
			1625 SUNNIT LAKE DRIVE, SUITE 200		SW 170TH			
			DAVID R. MALDONADO, P.E.		SW 170TH			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



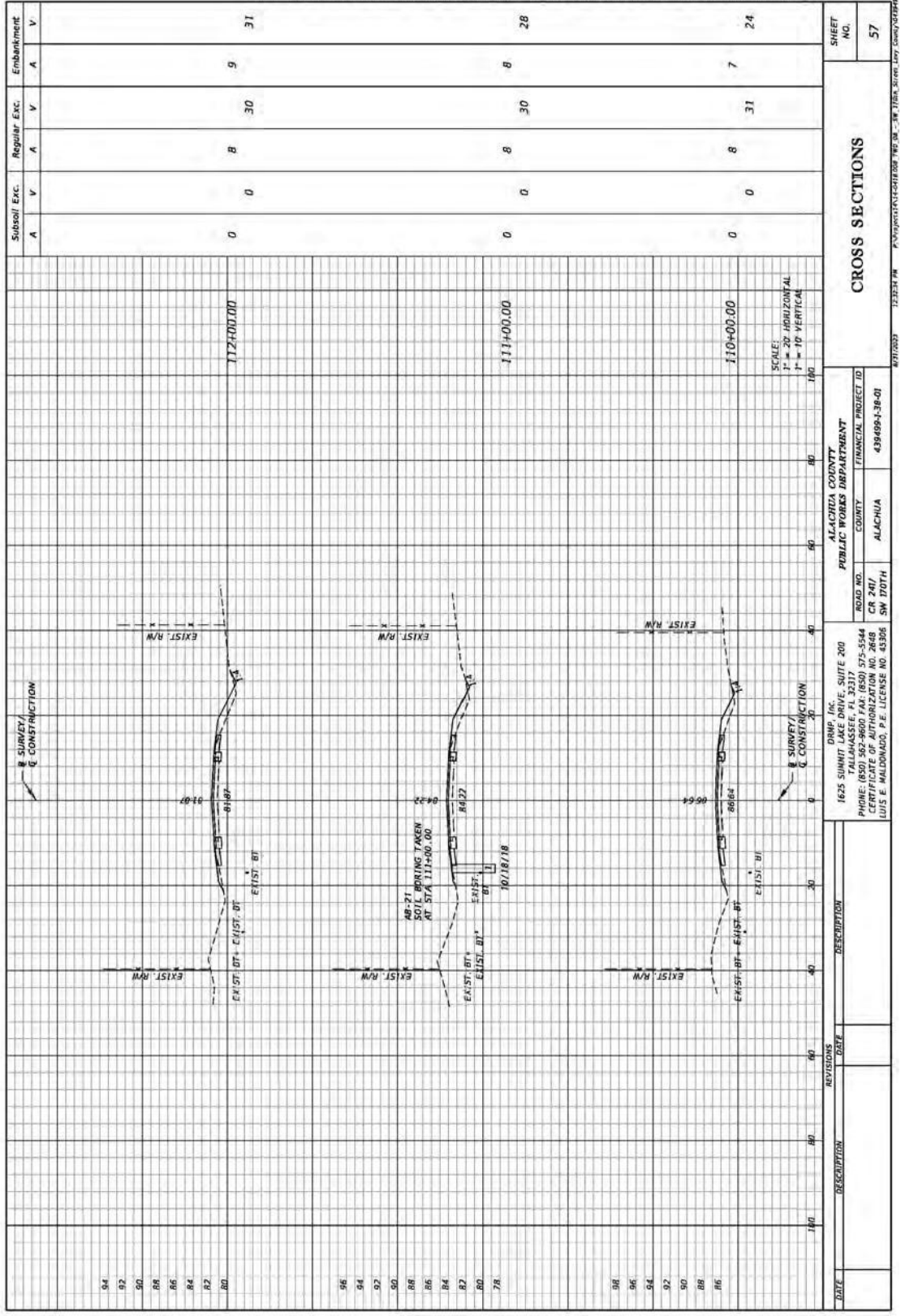
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	DESCRIPTION	DATE	REVISIONS

ALACHUA COUNTY PUBLIC WORKS DEPARTMENT	
ROAD NO. CR 241 SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
DNP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33617 PHONE: (888) 333-3333 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306	

CROSS SECTIONS

SHEET NO. 56



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

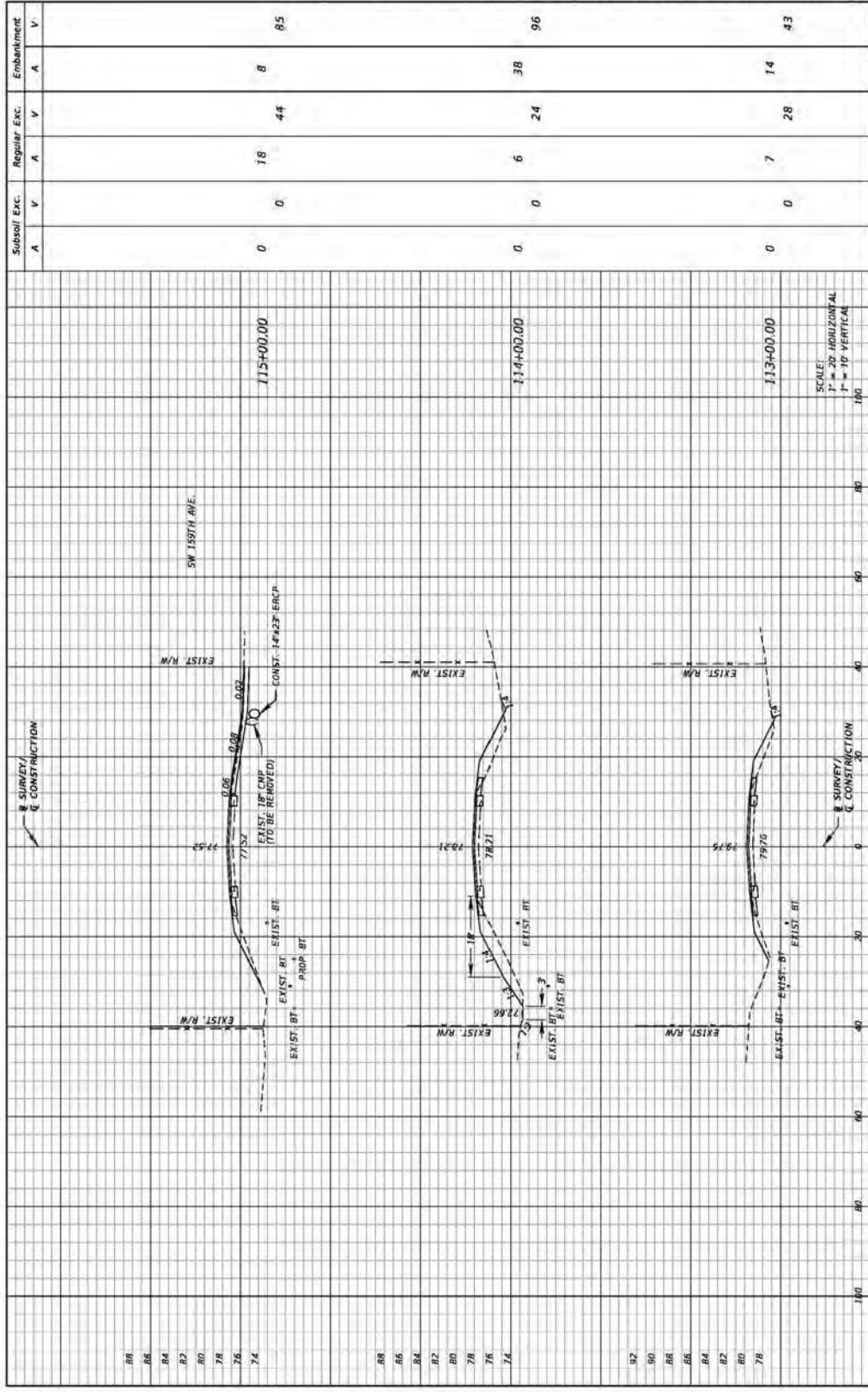
SUBSOIL EXC.		REGULAR EXC.		EMBANKMENT	
A	V	A	V	A	V
0	0	8	30	9	31
0	0	8	30	8	28
0	0	8	31	7	24

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

ALACHUA COUNTY	ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT	FINANCIAL PROJECT ID
ROAD NO. CR 241	FINANCIAL PROJECT ID 439499-1-38-01
COUNTY ALACHUA	
SW 170TH	

DMP, INC.
 1625 SUNNIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 33317
 PHONE: 888-888-8888
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE DESCRIPTION DATE REVISIONS



DATE	DESCRIPTION	DATE	REVISIONS

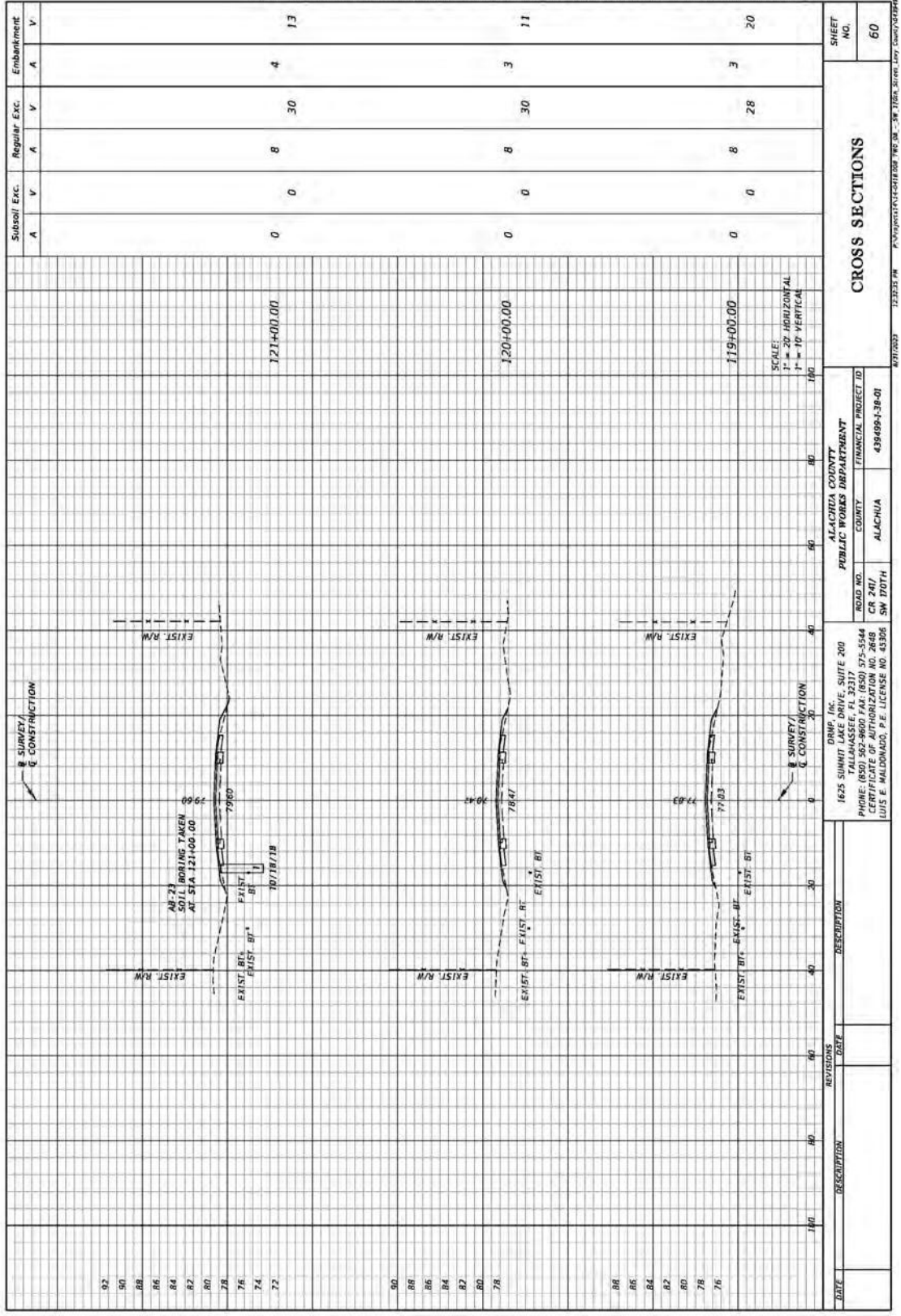
DMP, INC. 1625 SUNNIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 PHONE: 561-833-1100 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. COUNTY SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
--	---	--

SUBSOIL EXC. A V A V A V	REGULAR EXC. A V A V A V	EMBANKMENT A V A V A V
0	0	0
18	44	85
0	6	38
0	7	14
0	28	43

SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	SHEET NO. 58
--	-----------------

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE PLOTTED: 12/23/24 12:33:24 PM P:\Projects\12412202\Fig 08 - SW 170th Street Levy County\2412202\Fig 08.dwg

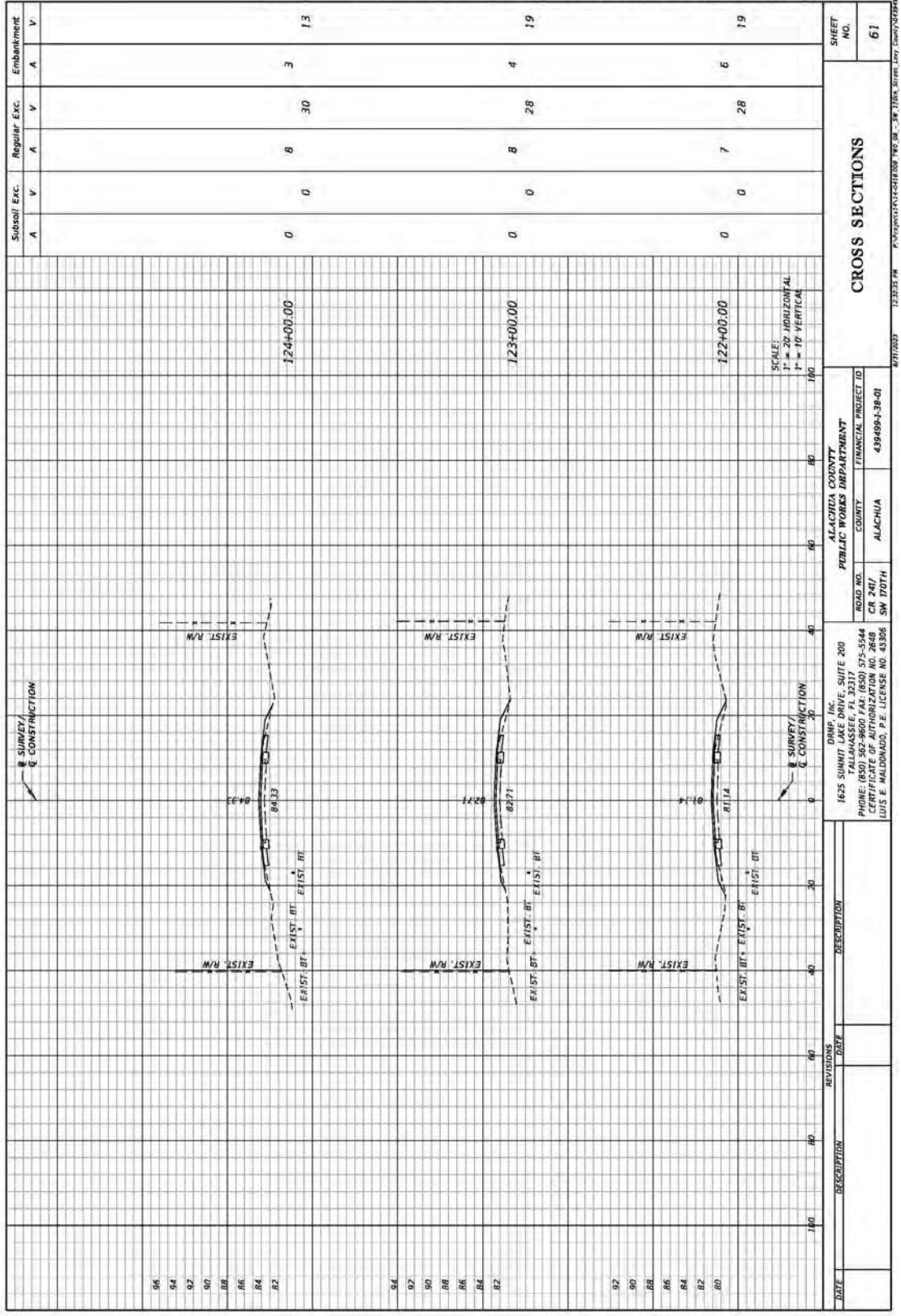


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	DESCRIPTION	DATE	REVISIONS

ALACHUA COUNTY PUBLIC WORKS DEPARTMENT	
ROAD NO. CR 241	FINANCIAL PROJECT ID 439499-1-38-01
COUNTY ALACHUA	SW 170TH

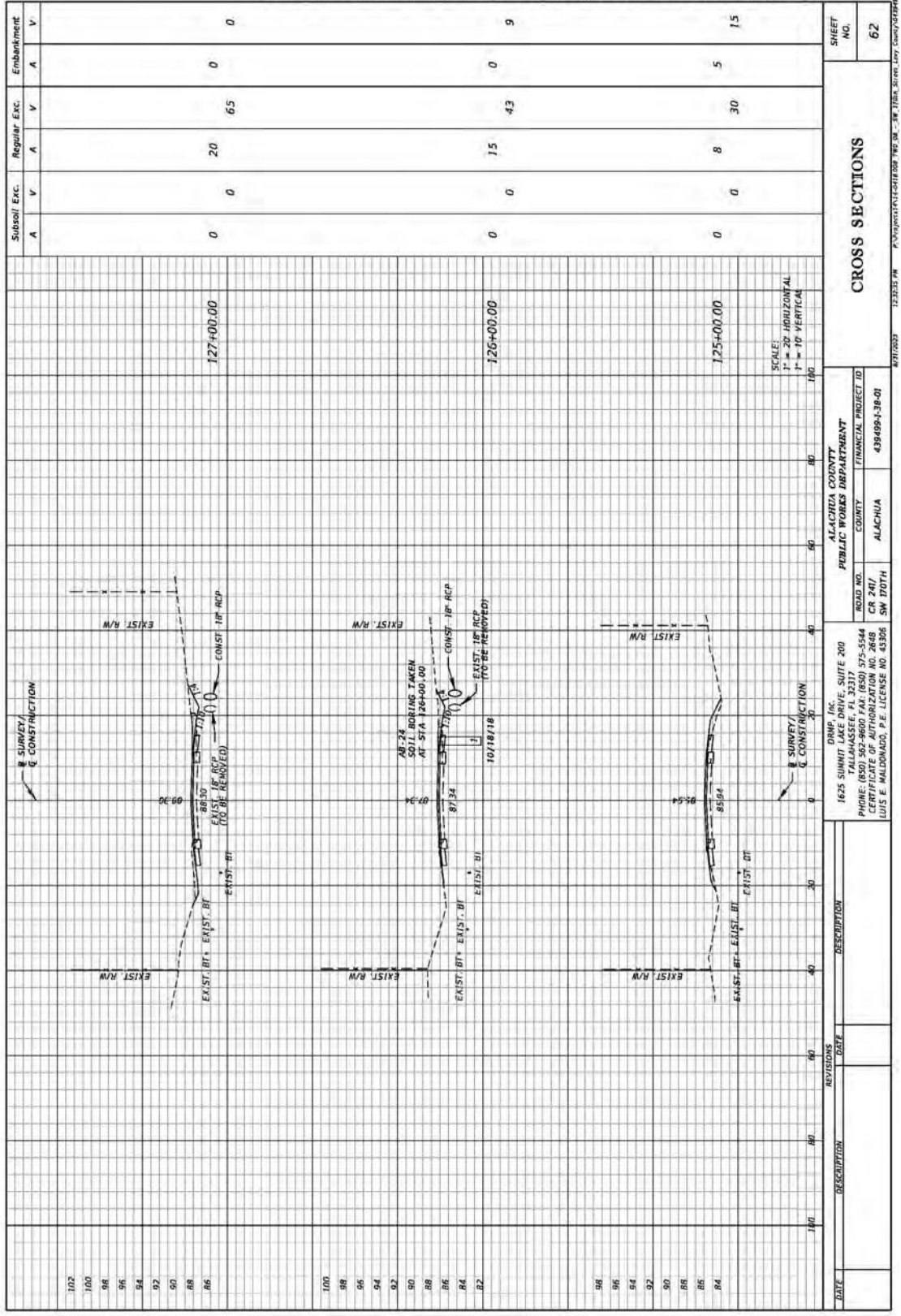
SHEET NO.
60



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-29.004, F.A.C.

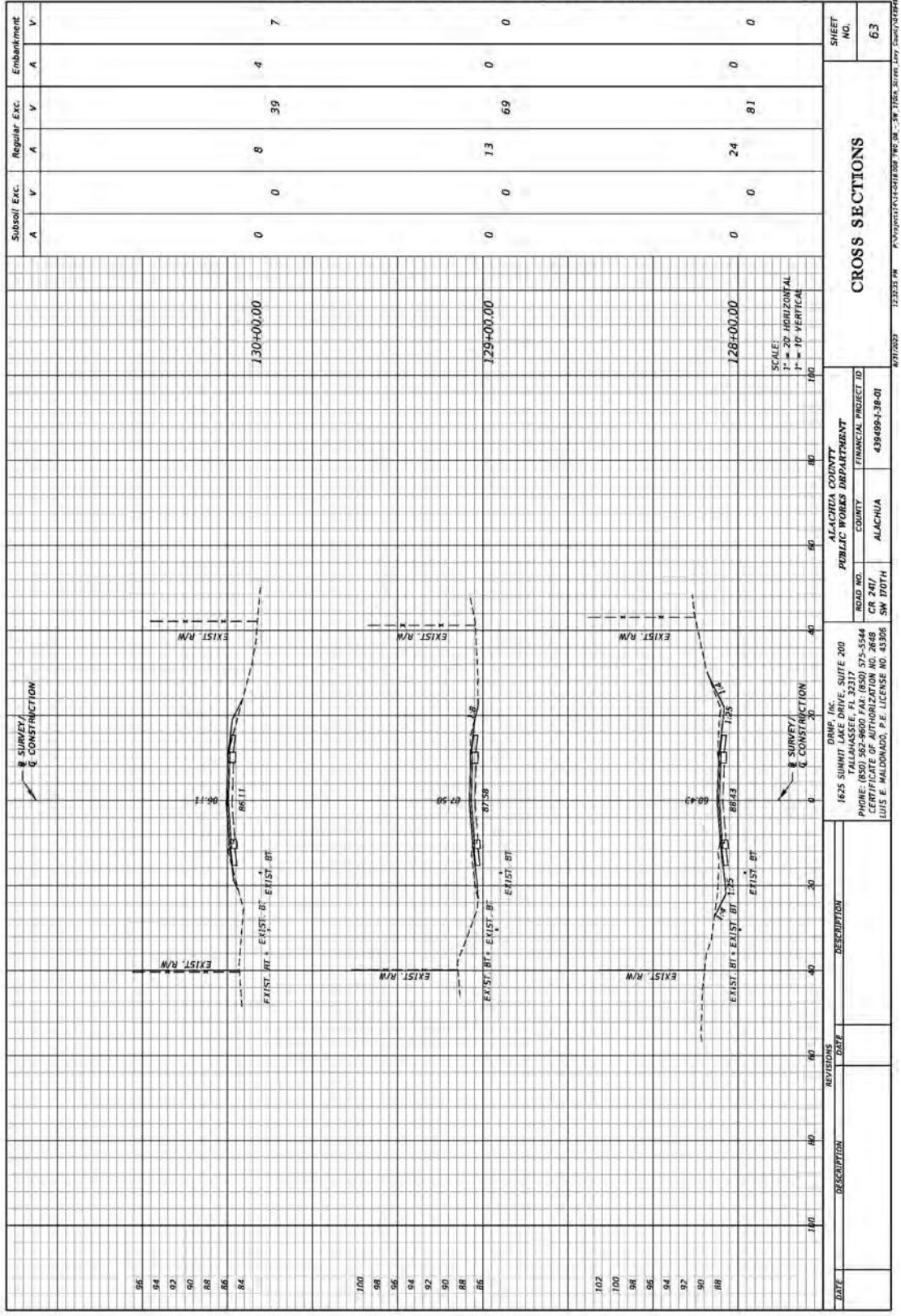
CROSS SECTIONS

SHEET NO. 61



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DMP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33317 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01		SHEET NO. 62
DATE 10/18/18		REVISIONS 10/18/18		SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	8	39	4	7
0	0	13	69	0	0
0	0	24	81	0	0

SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

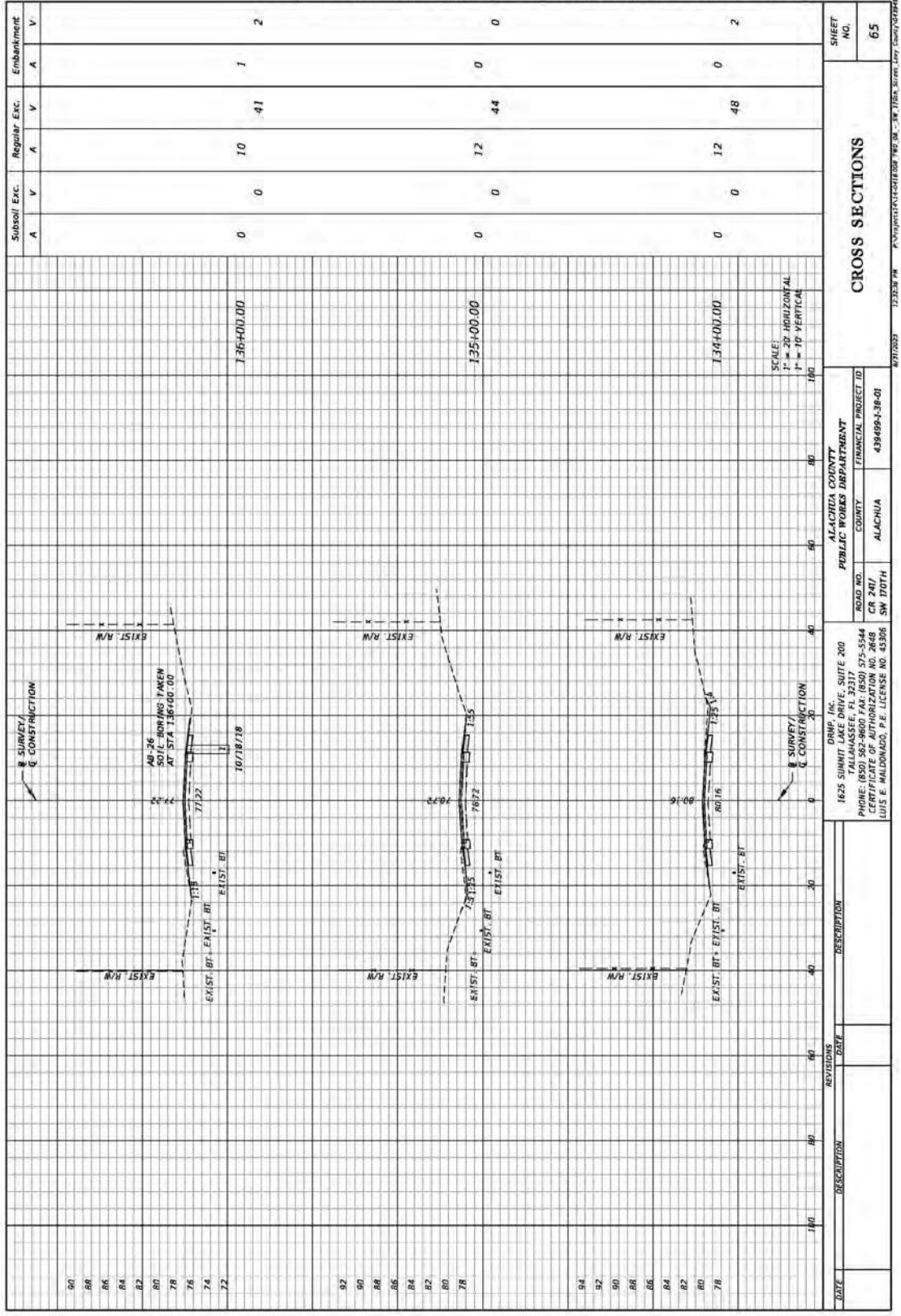
DATE	DESCRIPTION	DATE	DESCRIPTION

DMP, Inc.
 1625 SUMMIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 33177
 PHONE: 888-888-8888
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306

ALACHUA COUNTY
 PUBLIC WORKS DEPARTMENT
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR 241 ALACHUA 439499-1-38-01
 SW 170TH

SUBSOIL EXC.		REGULAR EXC.		EMBANKMENT	
A	V	A	V	A	V
0	0	8	39	4	7
0	0	13	69	0	0
0	0	24	81	0	0

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



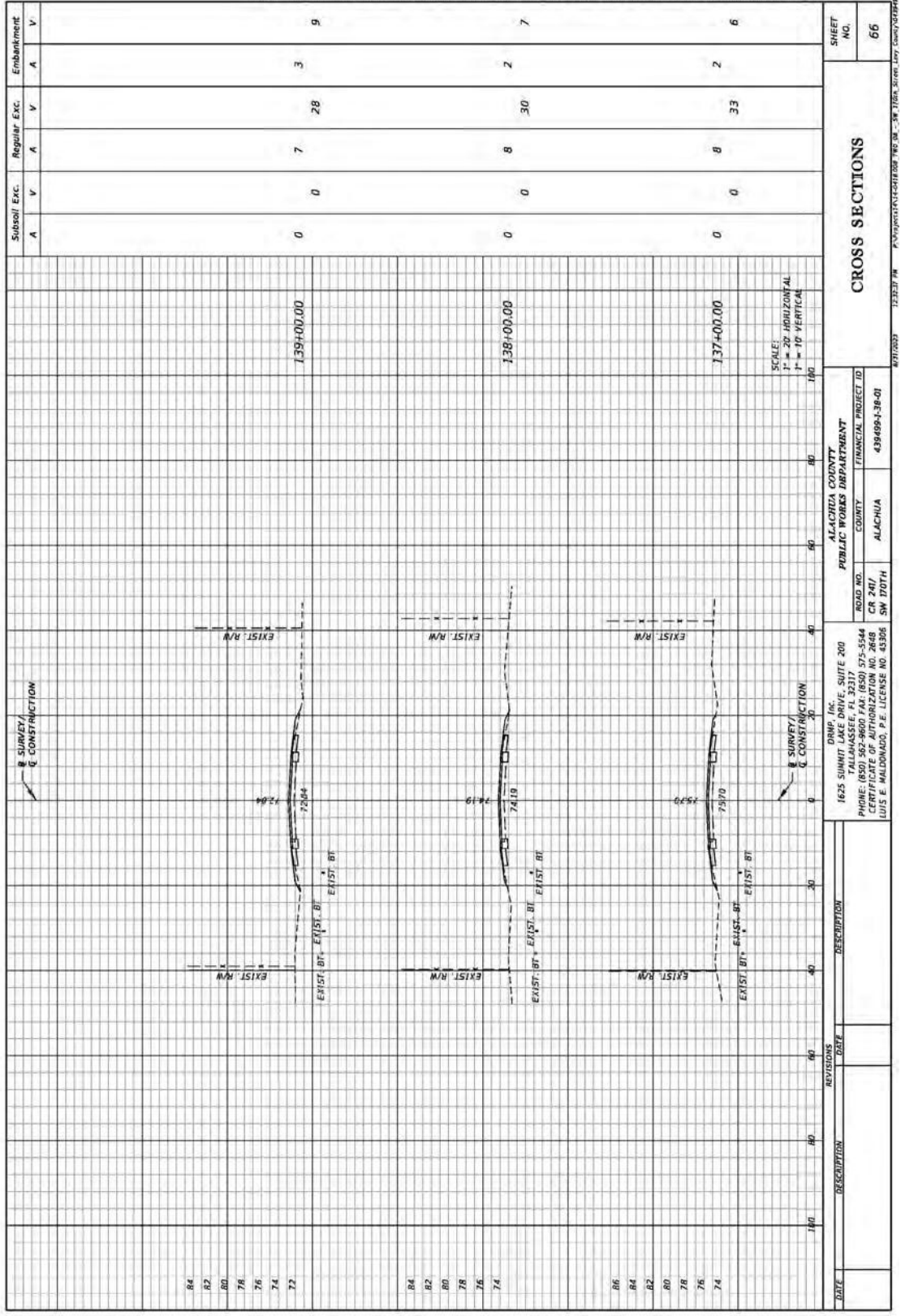
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DNP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33171 PHONE: (888) 333-3333 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
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ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT
ROAD NO. CR 241 SW 170TH
FINANCIAL PROJECT ID 439499-1-38-01

DATE: 11/23/23 TIME: 12:33:28 PM PROJECT: 439499-1-38-01 SHEET NO. 65



Subsoil Exc.	Regular Exc.		Embankment	
	A	V	A	V
0	0	7	3	9
0	0	8	2	7
0	0	8	2	6

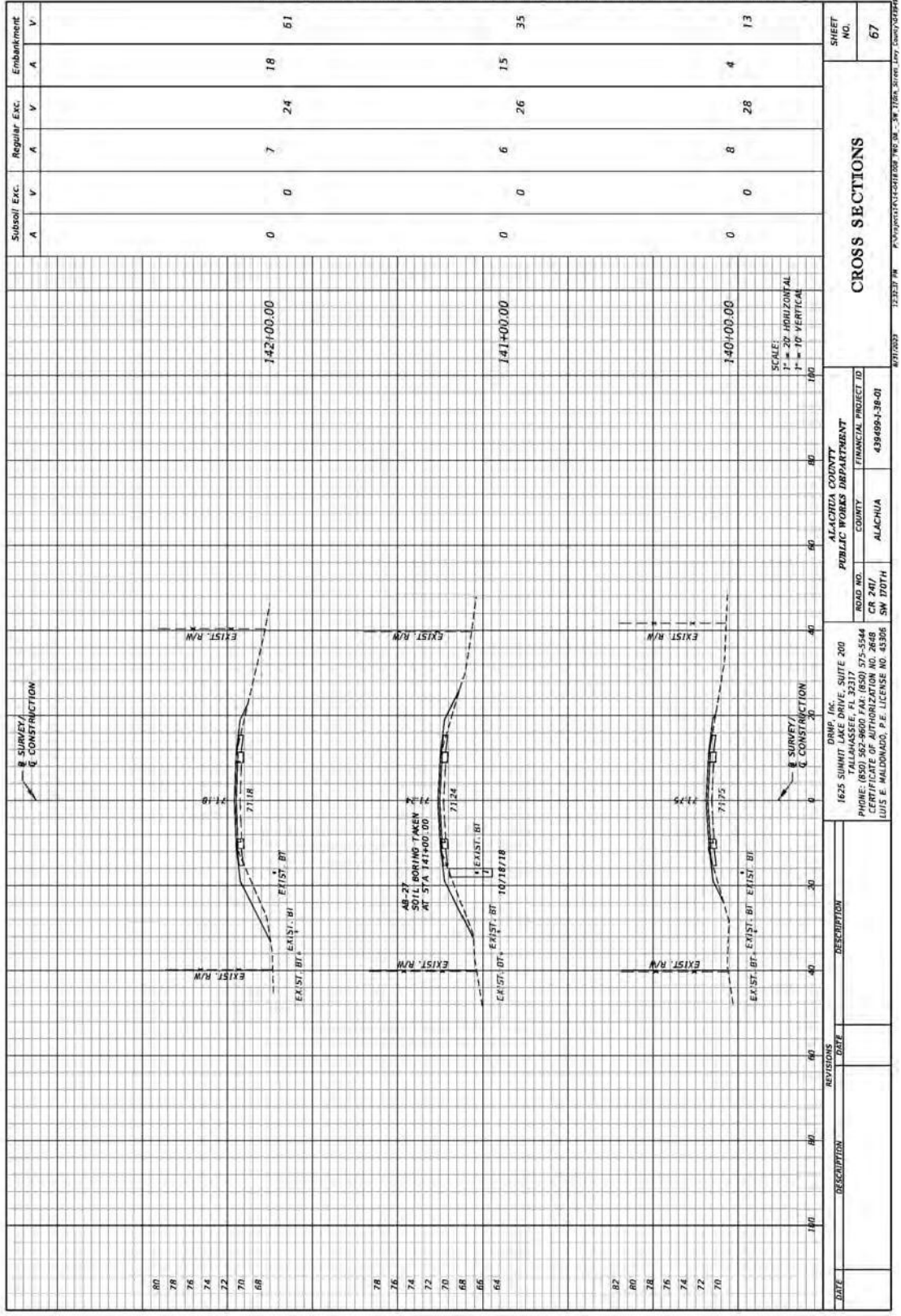
SCALE:
 1" = 20' HORIZONTAL
 1" = 10' VERTICAL

DATE	DESCRIPTION	DATE	REVISIONS

ALACHUA COUNTY
 PUBLIC WORKS DEPARTMENT
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR 241 ALACHUA 439499-1-38-01
 SW 170TH SW 170TH
 DMRP, INC.
 1624 SUNNIT LAKE DRIVE, SUITE 200
 PALM HARBOR, FL 33317
 PHONE: 888-888-8888
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306

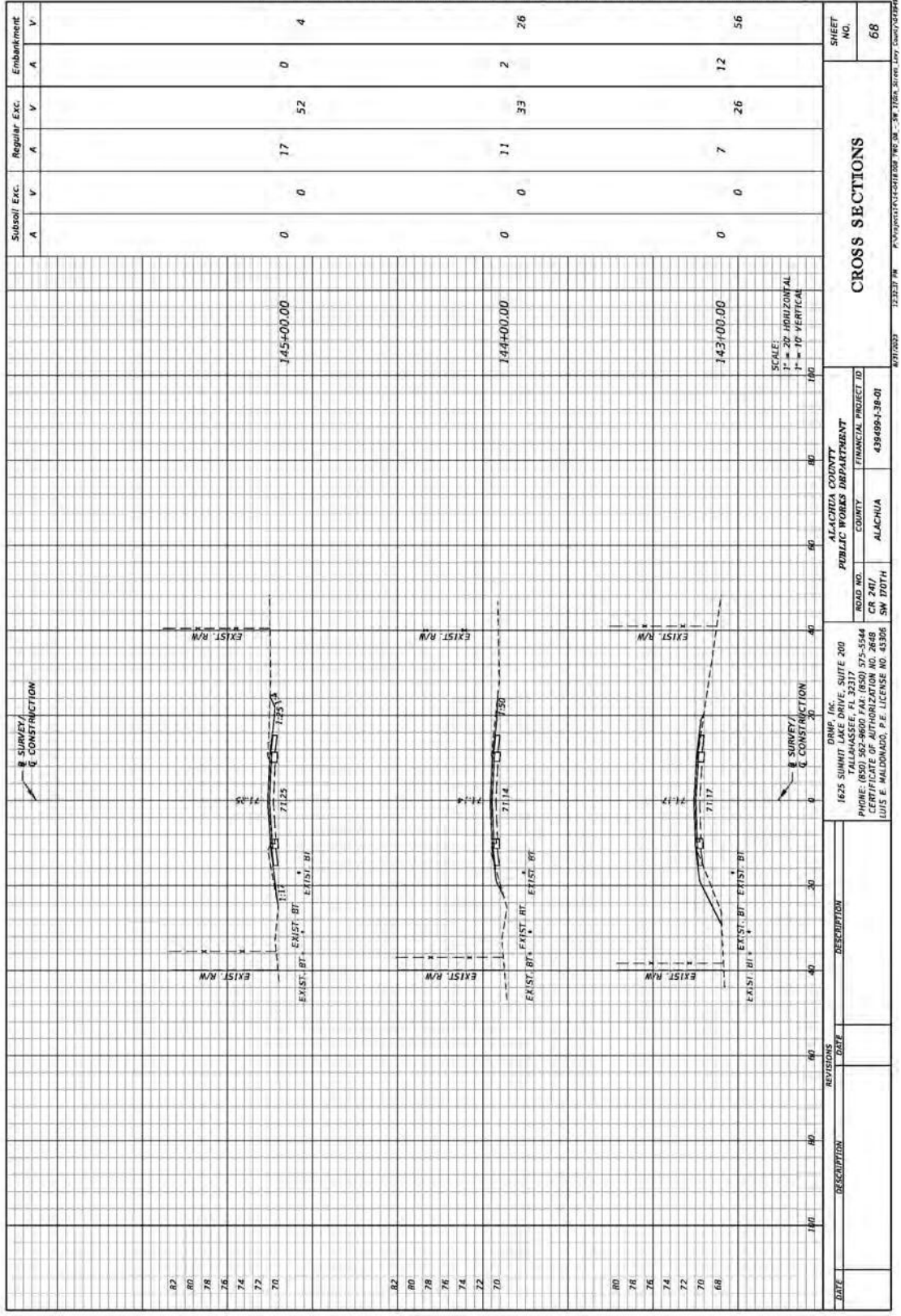
DATE	DESCRIPTION	DATE	REVISIONS

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DMR, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33217 PHONE: 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-38-01		SHEET NO. 67
DATE REVISIONS DESCRIPTION		SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL		



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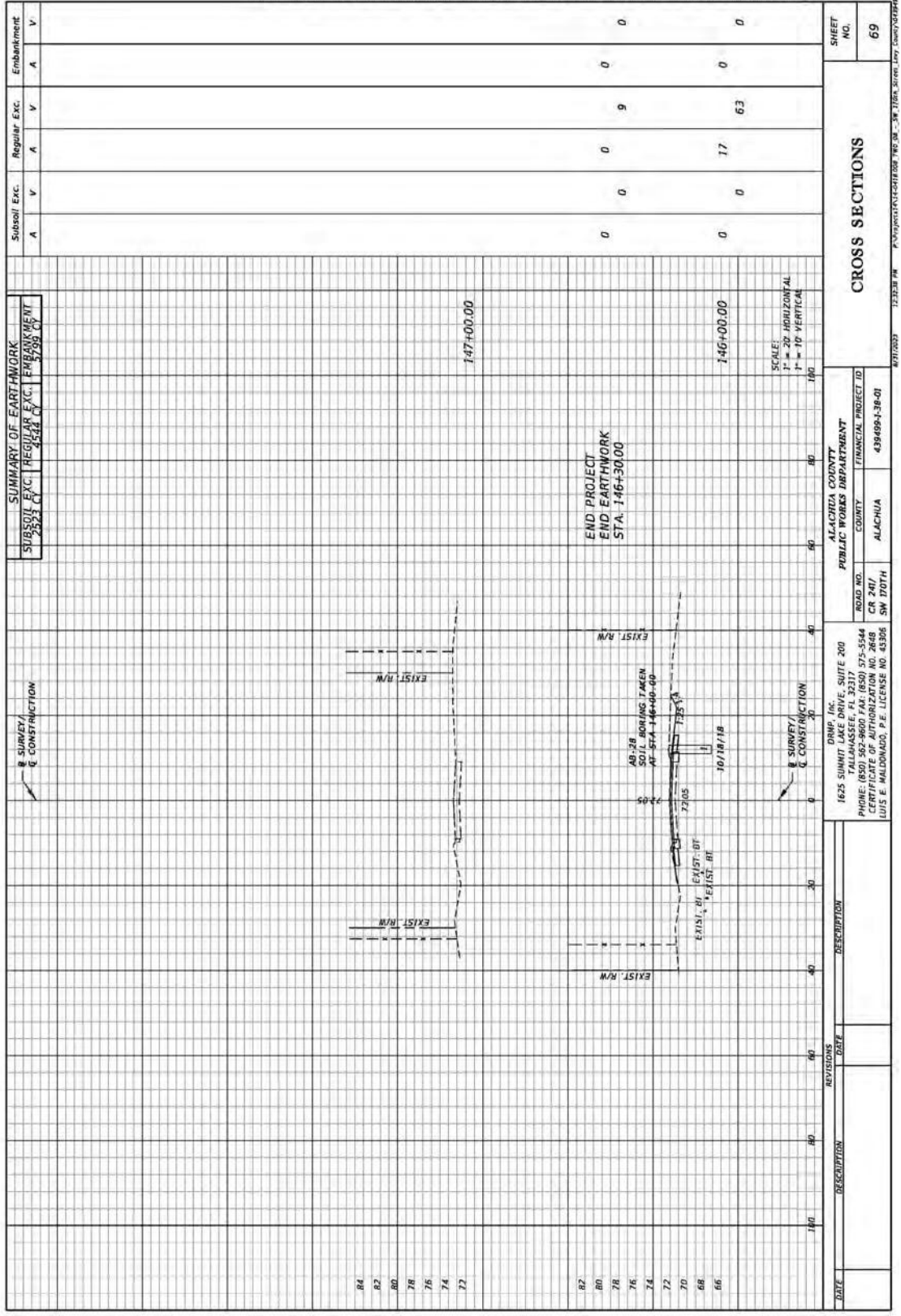
Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0	0	17	52	0	4
0	0	11	33	2	26
0	0	7	26	12	56

CROSS SECTIONS	
SHEET NO.	68

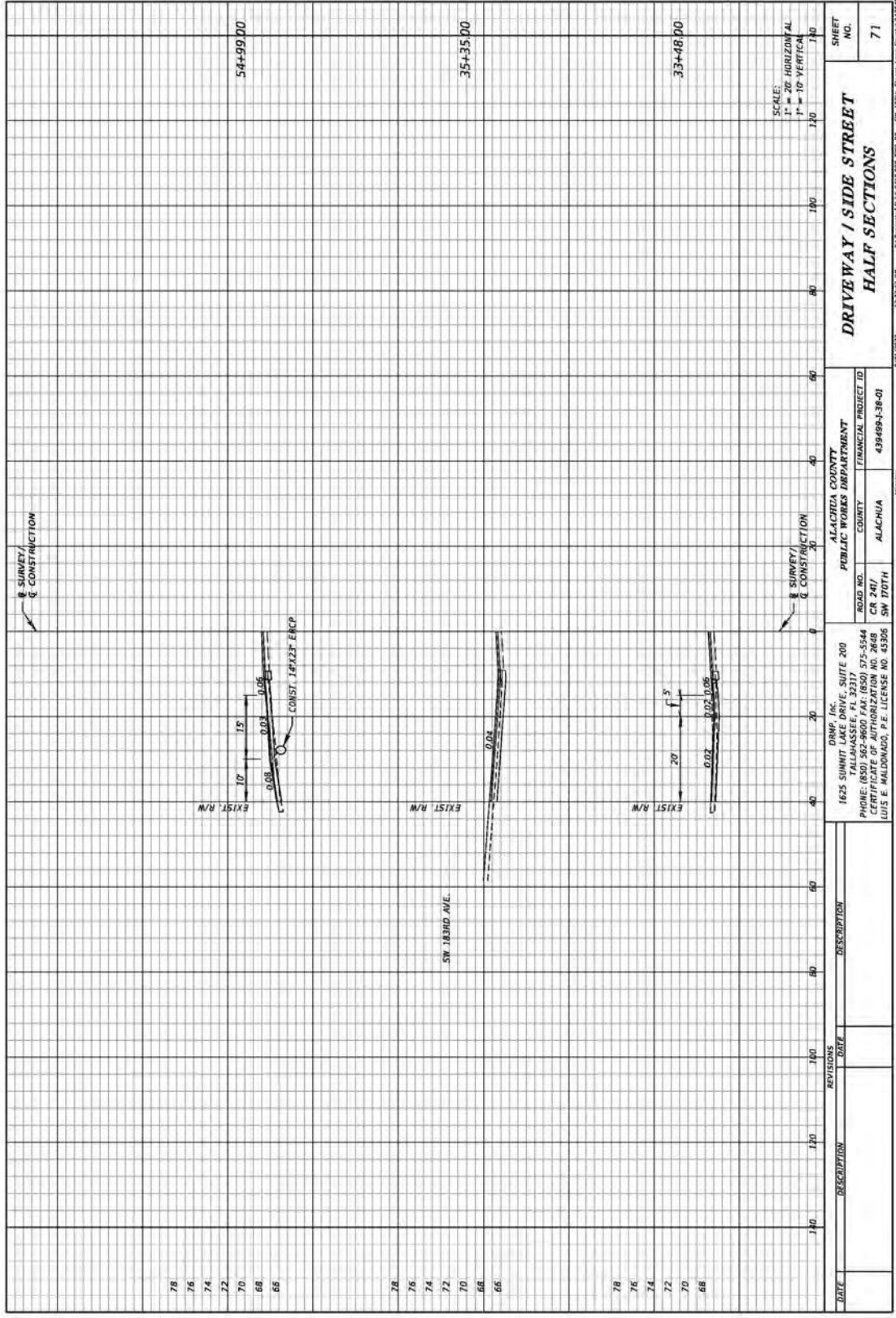
ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT
ROAD NO. CR 241
COUNTY ALACHUA
FINANCIAL PROJECT ID 439499-1-38-01
SW 170TH
MAY 2023 13:32:37 PM P:\Projects\143212007\143212007_SW_170th_Surf_Sig\230518\143212007.dwg

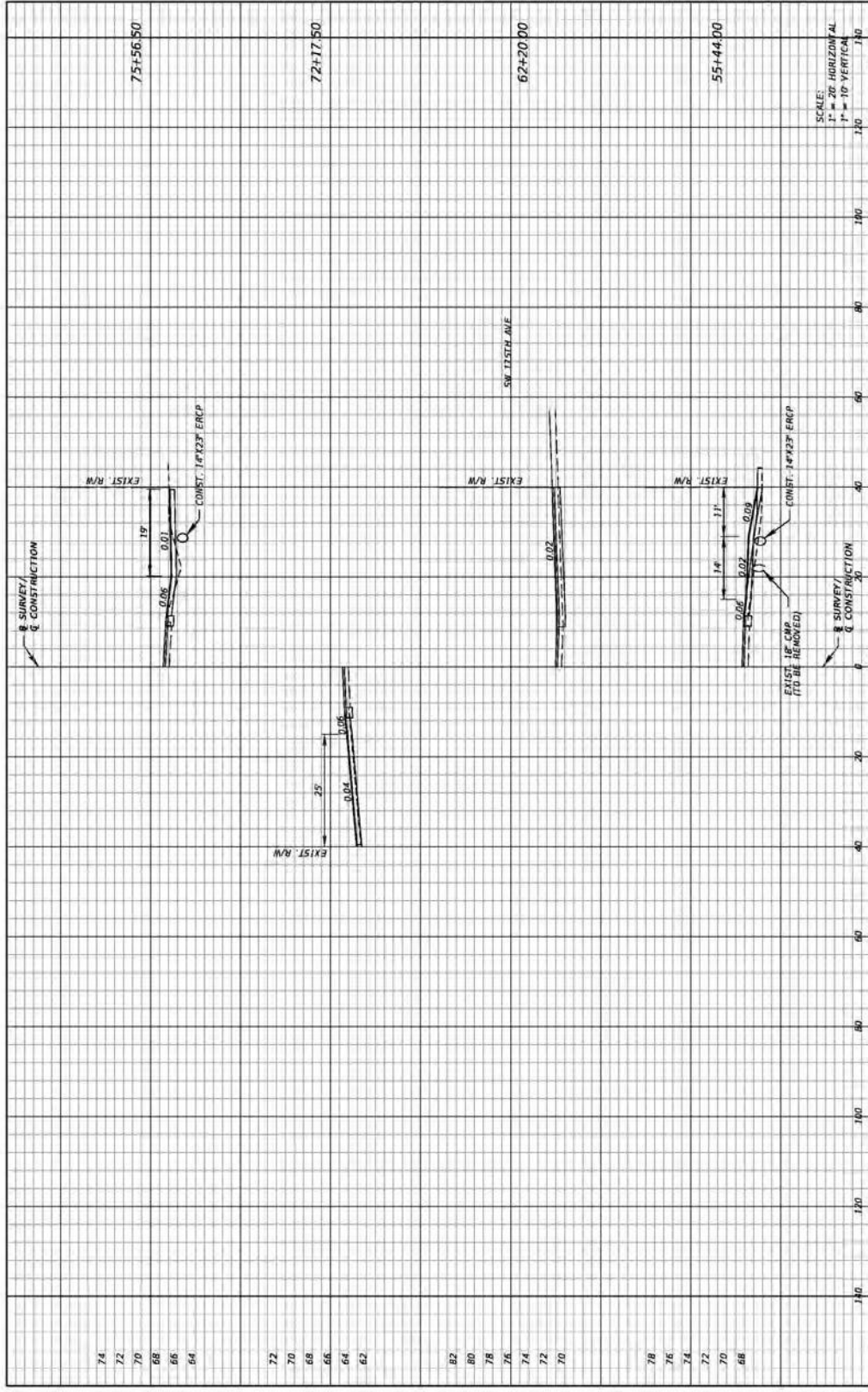
DMP, Inc.
1625 SUMMIT LAKE DRIVE, SUITE 200
PUNTA GORDA, FLORIDA 33450
PHONE: 888-888-8888
CERTIFICATE OF AUTHORIZATION NO. 2648
LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	DESCRIPTION	DATE	REVISIONS



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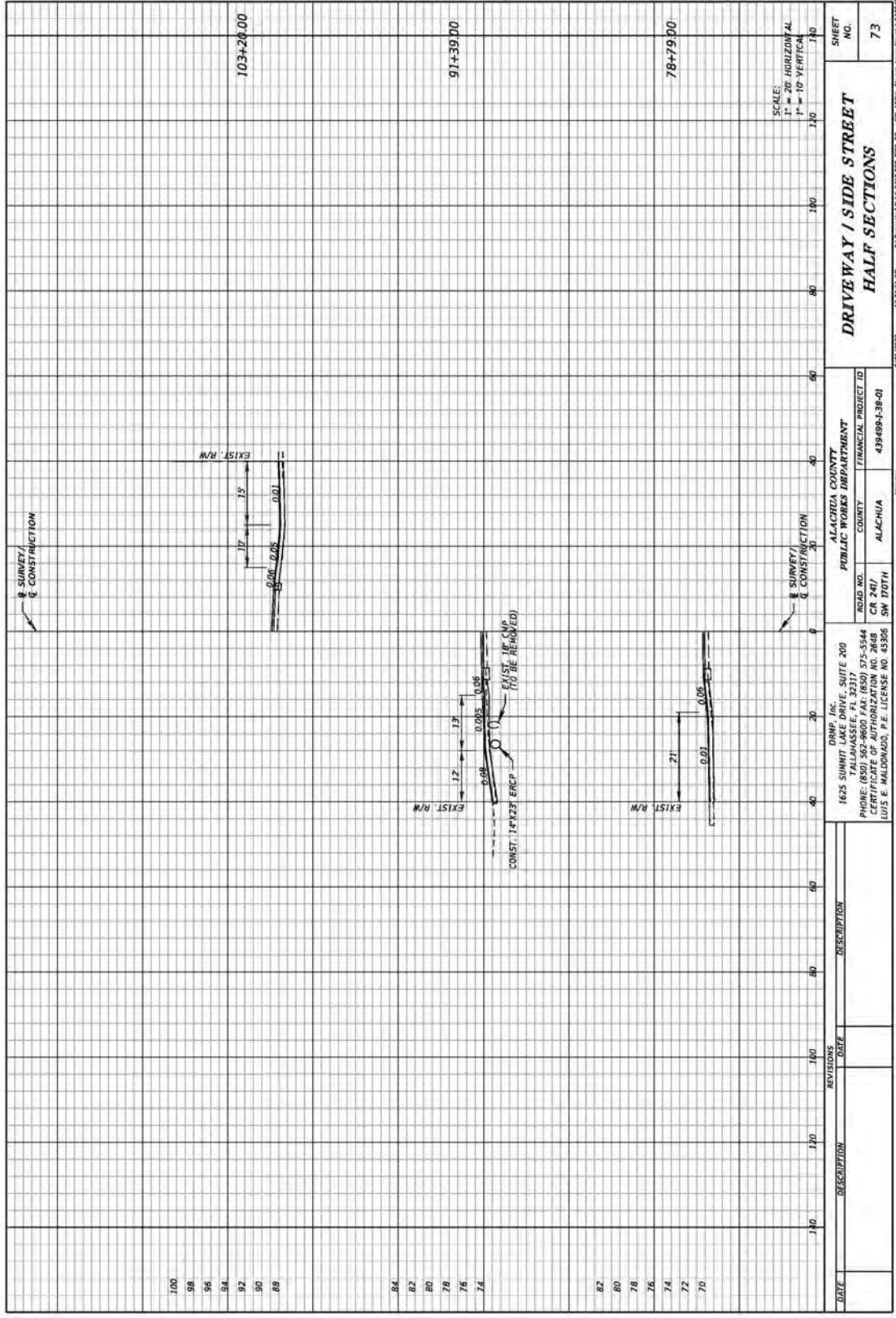
DATE	REVISIONS	DESCRIPTION

DNP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33317 PHONE: 888-288-2888 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-58-01
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SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	SHEET NO. 72
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

4/31/2022 13:22:42 PM P:\Projects\1434241001\240 SW 170th Street.dwg (24024991)9071906



100
98
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SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

SHEET NO. 73

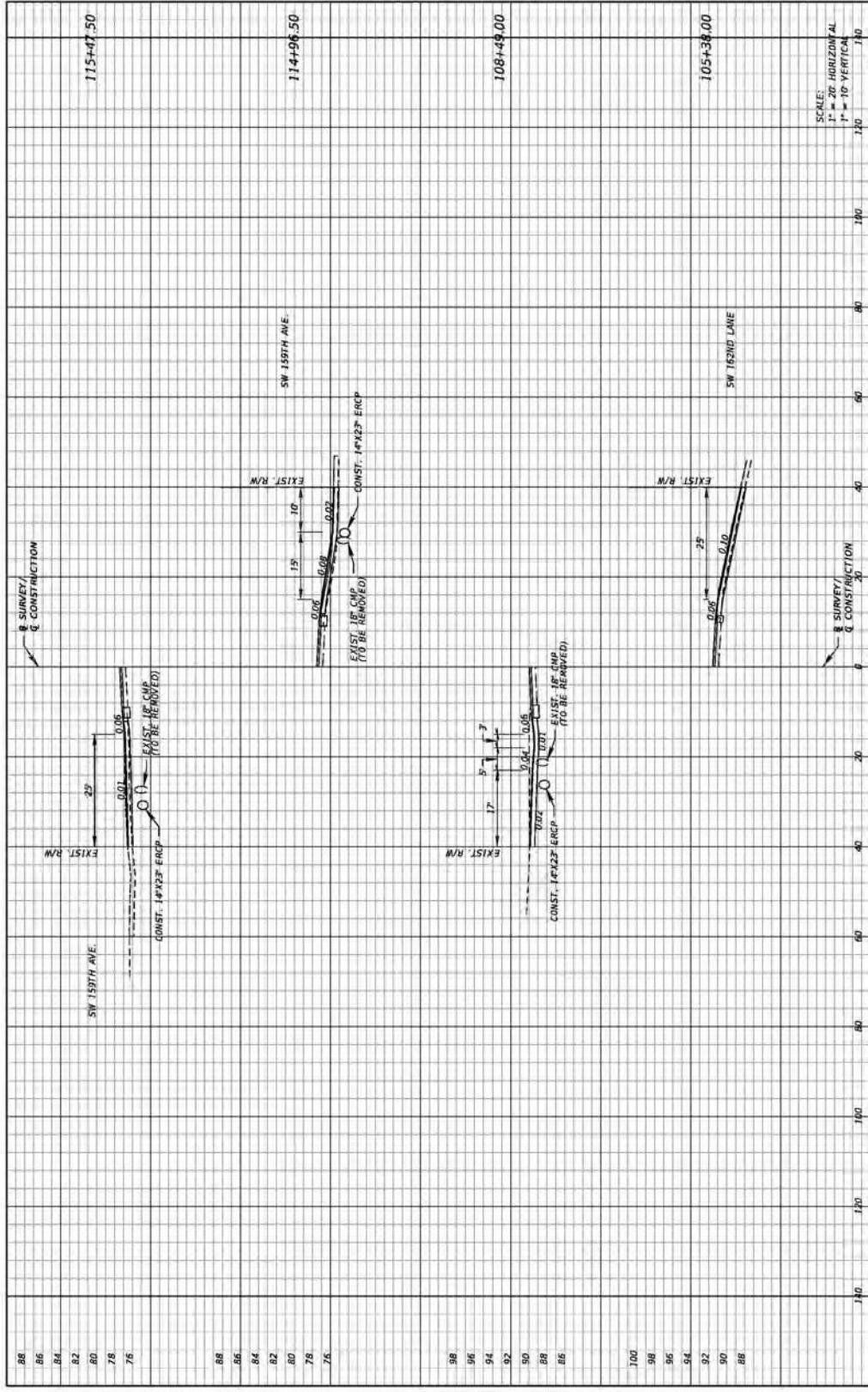
**DRIVEWAY / SIDE STREET
HALF SECTIONS**

ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT
ROAD NO. CR 241 SW 170TH
COUNTY ALACHUA
FINANCIAL PROJECT ID 439499-1-58-01

DMP, INC.
1624 SUNNIT LAKE DRIVE, SUITE 200
PUNTA GORDA, FLORIDA 33454
PHONE: 888-888-8888
CERTIFICATE OF AUTHORIZATION NO. 2648
LUIS E. MALDONADO, P.E. LICENSE NO. 45306

DATE	DESCRIPTION	DATE	REVISIONS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



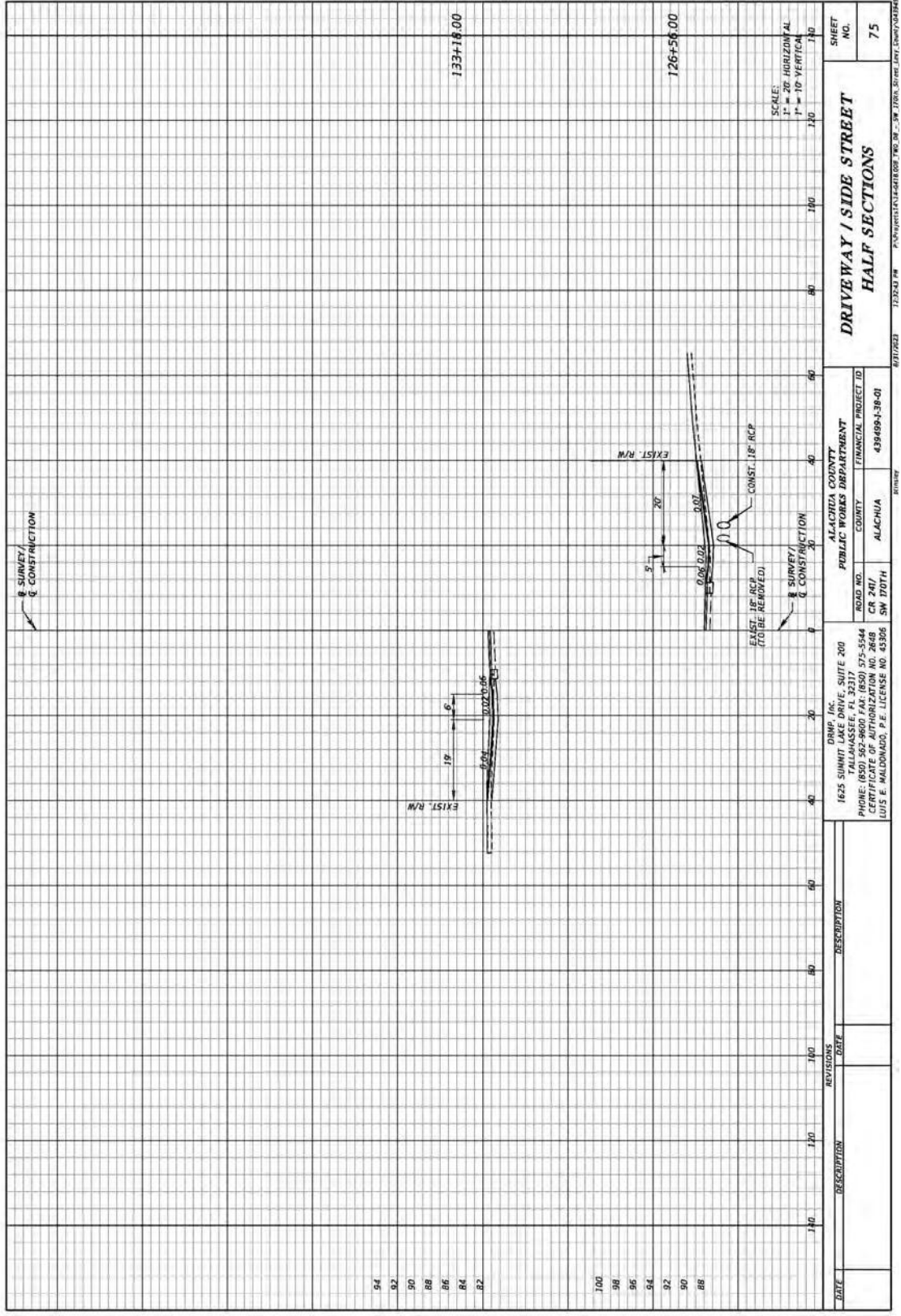
DATE	DESCRIPTION	DATE	REVISIONS

DMP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33317 PHONE: 888-333-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH	FINANCIAL PROJECT ID 439499-1-38-01
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SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL	SHEET NO. 74
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61B15-23.004, F.A.C.

4/31/2022 13:23:42 PM P:\Projects\1342421001\1342421001_TWD_08 - SW 170th Street\DWG\241\241R01.dwg



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

- 94
- 92
- 90
- 88
- 86
- 84
- 82

- 100
- 98
- 96
- 94
- 92
- 90
- 88

DATE	DESCRIPTION	DATE	REVISIONS

DMP, INC. 1624 SUNNIT LAKE DRIVE, SUITE 200 PALM HARBOR, FL 33217 PHONE: (888) 888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA SW 170TH FINANCIAL PROJECT ID 439499-1-58-01
SCALE: 1" = 20' HORIZONTAL 1" = 10' VERTICAL		SHEET NO. 75

<p>THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE FOOT SPECIFICATIONS, THE FOOT STANDARD PLANS, EROSION & SEDIMENT CONTROL MANUAL (EASC) AND OTHER SHEETS OF THESE CONSTRUCTION PLANS.</p> <p>THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDES SEVERAL ITEMS:</p> <ul style="list-style-type: none"> * THIS NARRATIVE DESCRIPTION AND DOCUMENTS REFERENCED IN THIS NARRATIVE * THE CONTRACTORS APPROVED EROSION CONTROL PLAN REQUIRED BY FOOT SPECIFICATIONS SECTION 104 * REPORTS OF INSPECTORS MADE DURING CONSTRUCTION * CONTRACTORS AND SUBCONTRACTORS SIGNED CERTIFICATIONS OF SWPPP * THE SWPPP AND SUBCONTRACTORS SIGNED CERTIFICATIONS OF SWPPP <p>THE ORIGINAL SWPPP AND POSTED ON THE PROJECT BULLETIN BOARD.</p> <p>J.D. SITE DESCRIPTION:</p> <p>7. A. DESCRIPTION OF CONSTRUCTION ACTIVITY:</p> <p>1. B. MAJOR SOIL DISTURBING ACTIVITIES IDENTIFIED AND DISTURBED AREAS (SENSITIVE WETLANDS): SEE PLANS AND PERMITS.</p> <p>1. C. AREA ESTIMATES:</p> <p>TOTAL SITE AREA (ACRES): 22.23 TOTAL AREA TO BE DISTURBED (ACRES): 19.35</p> <p>1. D. RUNOFF DATA:</p> <p>RUNOFF COEFFICIENTS: BEFORE: 0.893 DURING: 0.893 - 0.524 AFTER: 0.524</p> <p>OUTFALLS: THREE (3) DITCHES.</p> <p>RECEIVING WATER NAME: N/A</p> <p>OUTFALL LOCATIONS (EXISTING): DESCRIPTION/STATION LATITUDE LONGITUDE DRAINAGE AREA N/A</p>	<p>1. E. SITE MAP: THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAP. IF AN ADDITIONAL MAP WITH CONTAINING INFORMATION IS REQUIRED, PROVIDE THE APPROPRIATE USGS QUADRANGLE MAP FOR THIS PURPOSE.</p> <p>FLAG SENSITIVE WETLAND AREAS NOT TO BE DISTURBED.</p> <p>1. F. RECEIVING WATERS: WATER IS PRIMARILY CONVEYED BY: ROADSIDE DITCHES TO EXISTING LOW AREAS ADJACENT TO THE ROADWAY.</p> <p>2. D. CONTROLS</p> <p>2. A. EROSION AND SEDIMENT CONTROLS EROSION AND SEDIMENT CONTROL MEASURES, AT A MINIMUM, SHALL BE PLACED:</p> <ul style="list-style-type: none"> * TO PROTECT RECEIVING WATERS * IN LOCATIONS WHERE THERE IS NO DITCH BACK SLOPE * AT ALL INLETS AND ROADS * ALONG THE PERIMETER AT ALL LOCATIONS WHERE THERE IS AN ADJACENT WETLAND <p>2. A. 1. STABILIZATION PRACTICES DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.</p> <p>BACKFILL AND STABILIZE WITH SOIL WITHIN 48 HOURS OF COMPLETION OF THE CURING PERIOD FOR BOX CULVERTS / EXTENSIONS AND FOR ALL CROSS DRAINS OR DITCH-ALL MODIFICATIONS.</p> <p>MAINTAIN DRAINAGE UNTIL PERMANENTLY STABILIZED</p> <p>WHEN EMBANKMENT EXCEEDS TEN FEET OR GREATER IN HEIGHT, STABILIZE THE SIDE SLOPES AS THE EMBANKMENT IS PLACED OR IMMEDIATELY AFTER EACH TEN FEET OF EMBANKMENT IS PLACED.</p> <p>IF DIRT DAMS ARE TO BE USED, THE DAM MUST BE WRAPPED IN FILTER FABRIC ON AN EQUIVALENT MATERIAL TO PREVENT DIRT FROM BEING WASHED DOWNSTREAM DURING STORM EVENTS.</p> <p>2. A. 2. STRUCTURAL PRACTICES DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND PREVENT EROSION. THESE PRACTICES MUST BE PLACED IN LOCATIONS WHERE THE SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL.</p> <p>NO MATERIAL SHALL BE STOCKPILED IN EROSION PRONE AREAS.</p> <p>2. B. STORMWATER MANAGEMENT CONSIDER STORMWATER SYSTEMS TO CONVEY RUNOFF IN OPEN ROADSIDE DITCHES AND CONTROLLED WITH APPROVED DEVICES.</p> <p>2. C. OTHER CONTROLS</p> <p>2. C. 1. OFF-SITE VEHICLE TRACKING AND DUST CONTROL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE SPECIFIED:</p> <ul style="list-style-type: none"> * COVERING LOADED HAIL TRUCKS WITH TARPULLING * REMOVING EXCESS DIRT FROM ROADS DAILY * USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES * STABILIZE CONSTRUCTION ENTRANCES * SOIL TRACKING PREVENTION DEVICE <p>2. C. 2. WASTE DISPOSAL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE STATES.</p> <p>2. C. 3. FERTILIZERS AND PESTICIDES DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES IN ACCORDANCE WITH FOOT SPECIFICATION 570.</p>	<p>2. C. 4. TOXIC SUBSTANCES PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE AND DISPOSAL OF THESE SUBSTANCES.</p> <p>2. C. 5. SANITARY WASTE PROVIDE AND MAINTAIN PORTABLE TOILETS. LOCATIONS APPROVED BY THE ENGINEER.</p> <p>2. D. WATER QUALITY MONITORING IF WATER QUALITY MONITORING EXISTS IN THE PERMIT, FOLLOW ALL CONDITIONS WITHIN PERMIT. OTHERWISE, CONDUCT WATER QUALITY MONITORING DURING ALL PHASES OF CONSTRUCTION IMPACTING ANY SOURCE OF SURFACE WATER. DESIGNATE MONITORING LOCATIONS, FREQUENCY AND DEPTH; SUBMIT TO ENGINEER FOR APPROVAL. MONITOR DISCHARGING ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS UNTIL TURBIDITY REMAINS MEET REQUIREMENTS.</p> <p>3. G. MAINTENANCE PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION.</p> <p>4. O. INSPECTION PROVIDE THE ENGINEER WITH A MINIMUM OF 24 HOUR NOTICE PRIOR TO THE WEEKLY EROSION CONTROL INSPECTION REQUIRED BY FOOT SPECIFICATION 104-7.1 INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE.</p> <p>5. O. NON-STORMWATER DISCHARGES OBTAINING ALL NECESSARY PERMITS. IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES AND PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES.</p>
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<p>THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 6B13-23.004, F.A.C.</p>	
<p>STORMWATER POLLUTION PREVENTION PLAN</p>	
<p>ALACHUA COUNTY PUBLIC WORKS DEPARTMENT</p> <p>ROAD NO. COUNTY FINANCIAL PROJECT ID CR 247 ALACHUA 439499-1-58-01</p> <p>ISSUED: 12/25/24 PROJECT: 439499-1-58-01</p>	<p>SHEET NO. 76</p>

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
101 1	MOBILIZATION	1			
102 1	MAINTENANCE OF TRAFFIC	1			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS			SEDIMENT BARRIER			INLET PROTECTION SYSTEM			DESIGN NOTES	CONSTRUCTION REMARKS
			104 1			104 1D 3			104 1B				
			P	F	SY	P	F	LF	P	F	EA		
SEE SUMMARY OF PERFORMANCE TURF													
104-24.00 to 124-50.00	RT												
104-24.00 to 124-50.00	LT												
404-50.00 to 424-50.00	LT												
441-50.00 to 491-50.00	RT												
462-50.00 to 491-50.00	LT												
694-50.00 to 714-50.00	RT												
694-50.00 to 724-00.00	LT												
844-50.00 to 874-00.00	LT												
1014-50.00 to 1024-50.00	LT												
1054-00.00 to 1074-50.00	RT												
1134-50.00 to 1154-00.00	LT												
1174-50.00 to 1194-50.00	RT												
1224-50.00 to 1244-50.00	LT												
1284-50.00 to 1314-50.00	RT												
1404-00.00 to 1434-50.00	LT												
1364-50.00 to 1464-30.00	RT												
1274-49.00	RT												
SUB-TOTAL:		775.3											
TOTAL:		775											

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)		QUANTITY	DESIGN NOTES	CONSTRUCTION REMARKS
								AREA (AC)	AREA (AC)			
110 1 1	CLEARING & GRUBBING	10+24.00 to 146+30.00	LT	3399			AC			9.666		
		10+24.00 to 146+30.00	RT	11988						9.666		
TOTAL											19.35	

DATE	DESCRIPTION	DATE	DESCRIPTION

SUMMARY OF QUANTITIES

ALACHUA COUNTY	ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT	PUBLIC WORKS DEPARTMENT
ROAD NO. CA 241	ROAD NO. CA 241
COUNTY ALACHUA	COUNTY ALACHUA
FINANCIAL PROJECT ID 439499-1-58-01	FINANCIAL PROJECT ID 439499-1-58-01

MAY 2023 13:32:37 PM P:\Projects\PA1-CR12002_TWD_BD_3K_37606_Survey_Lump_Summary\43949915801\Drawn

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SUMMARY OF MAILBOXES

STATION	SIDE	QUANTITY			DESIGN NOTES	CONSTRUCTION REMARKS
		P	T	F		
1+718.00	LT	1				
22+41.00	LT	1				
105+77.00	RT	1				
115+18.00	RT	2				
SUB-TOTAL:		5				
TOTAL:		5				

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120 1	REGULAR EXCAVATION	4544			
120 4	SUBSOIL EXCAVATION	2523			
120 6	EMBANKMENT	5799			

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	DESCRIPTION	SIDE	AREA SQ. FT.	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL	DESIGN NOTES	CONSTRUCTION REMARKS
									P	F			
160 4	TYPE B STABILIZATION	10+24.00 to 146+30.00		RT	14741			SY	15191.7		30412		
		10+24.00 to 146+30.00		LT	14722				15220.7				
285704	OPTIONAL BASE, BASE GROUP 04	10+24.00 to 35+14.79		RT	16531			SY	1197.0		13029		
		10+24.00 to 61+82.79		RT	16595				2480.6				
		35+59.76 to 146+30.00		LT	16546				5327.5				
285706	OPTIONAL BASE, BASE GROUP 06	62+64.14 to 146+30.00		RT	16573			SY	4024.1		7346		
		10+24.00 to 146+30.00		RT	15256				3674.6				
		10+24.00 to 146+30.00		LT	16237				3671.0				
327 70 8	WILLING EXIST ASPH PAVT. 2 1/2" AVG DEPTH	10+24.00 to 146+30.00		LT/RT	8660			SY	27200.0		27200		
334 1 52	SUPERPAVE ASPHALTIC CONC. TRAFFIC B, PG 76-22	10+24.00 to 146+30.00		LT/RT	15603			TN	2766.93		2766.9		
337 7 80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, PG 9-5, PG 76-22	10+24.00 to 146+30.00		LT/RT	18574			TN	2555.35		2555.4		

DATE	DESCRIPTION	REVISIONS	DATE

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 MUNICH, ALABAMA, FL 32317 PHONE: (904) 246-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT FINANCIAL PROJECT ID 439499-1-58-01	
ROAD NO. CR 241	COUNTY ALACHUA	FINANCIAL PROJECT ID 439499-1-58-01	
SW 170TH			

SUMMARY OF QUANTITIES

MAY 2023 133248.PW P:\Projects\PAVT-BRIDGE\TWO_BK_3K_37606_Survey_Lay\Summary\Summary133248.Pvw

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SUMMARY OF DRIVEWAY BASE						
LOCATION STA. TO STA.	SIDE	AREA ID	286 1			CONSTRUCTION REMARKS
			P	SY	F	
14+79.42 to 15+18.47	LT	16421		62.2		
22+43.86 to 22+70.48	LT	16428		40.7		
30+30.83 to 30+60.26	LT	16435		43.9		
39+37.55 to 39+64.93	LT	16442		42.0		
54+85.55 to 55+15.57	LT	16449		55.0		
55+33.55 to 55+54.45	RT	16456		36.2		
72+00.93 to 72+34.07	LT	16463		57.3		
75+44.55 to 75+68.45	RT	17048		43.8		
79+63.93 to 79+90.95	LT	16470		46.7		
91+26.55 to 91+49.45	LT	16477		36.2		
103+03.07 to 103+36.93	RT	16484		47.8		
105+18.07 to 105+57.93	RT	16491		64.3		
109+39.55 to 109+59.45	LT	16498		36.2		
114+86.05 to 115+06.95	RT	16505		36.2		
115+37.05 to 115+64.43	LT	16512		42.0		
126+16.59 to 126+95.74	RT	16519		131.7		
133+02.93 to 133+36.43	LT	16524		52.5		
SUB-TOTAL				875.6		
TOTAL				876		

DATE	DESCRIPTION	REVISIONS	DATE
DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FLORIDA 33411 PHONE: (561) 833-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43305			
ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 SW 170TH		FINANCIAL PROJECT ID 439499-1-58-01	
SUMMARY OF QUANTITIES			
SHEET NO.			50-3

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SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

STA. TO STA.	LOCATION		PIPE LENGTH - LF		MITERED END SECTION - EA		DESIGN NOTES	CONSTRUCTION REMARKS
	SIDE	BACK	OTHER - 18" RCP	LF	OTHER	18" RCP		
22+30.00 to 22+72.70	LT	OFFSET	430.00	174.218	430.00	984.625		
54+65.00 to 55+25.00	LT	OFFSET	41		2			
55+25.00 to 55+60.00	RT	OFFSET	56		2			
75+37.00 to 75+76.00	RT	OFFSET	31		2			
91+20.00 to 91+58.00	LT	OFFSET	35		2			
108+25.00 to 108+70.00	LT	OFFSET	34		2			
114+74.00 to 115+15.00	RT	OFFSET	41		2			
115+25.00 to 115+71.00	LT	OFFSET	37		2			
			31.20	74.25	30.30	74.33		
SUB-TOTAL:			317.0		16.0			
TOTAL:			317		16			

SUMMARY OF PERFORMANCE TURE

LOCATION	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)			DESIGN NOTES	CONSTRUCTION REMARKS
					570	1	2		
STA. TO STA.					P	S	F		
10+24.00 to 14+83.16	LT	8615			1327.2				
10+24.00 to 55+38.00	RT	8631			13038.6				
14+08.00 to 22+48.24	LT	13661			2130.5				
22+58.99 to 30+35.05	LT	13668			2239.4				
30+43.00 to 33+42.00	LT	8647			840.9				
33+54.00 to 35+26.09	LT	8654			479.9				
35+45.16 to 54+90.00	LT	8661			5603.1				
55+08.00 to 72+08.50	LT	8668			4805.9				
55+50.00 to 62+05.69	RT	13844			1866.2				
62+35.00 to 75+49.00	RT	17099			3723.5				
75+64.00 to 103+14.00	RT	17108			7854.9				
122+26.50 to 184+71.50	LT	8707			1854.4				
28+86.50 to 91+33.00	LT	8714			3597.3				
91+45.00 to 108+43.00	LT	13688			4801.5				
102+28.00 to 105+28.00	RT	8730			570.0				
105+47.00 to 114+90.50	RT	8737			2715.5				
108+55.00 to 115+41.50	LT	13695			1979.4				
115+62.50 to 126+41.60	RT	8744			3260.9				
115+53.50 to 133+10.50	LT	8753			5063.1				
126+70.72 to 146+30.00	RT	8760			5597.7				
133+25.50 to 146+30.00	LT	8770			3725.8				
SEE SUMMARY OF DRAINAGE STRUCTURES									
SUB-TOTAL:					77525.9				
TOTAL:					77526				

DATE	DESCRIPTION	REVISIONS	DATE	DATE

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT FINANCIAL PROJECT ID 439499-1-58-01	ALACHUA COUNTY FINANCIAL PROJECT ID 439499-1-58-01
ROAD NO. CR 241	COUNTY ALACHUA	SW 170TH	SW 170TH

SUMMARY OF QUANTITIES

SHEET NO. 50-4

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**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

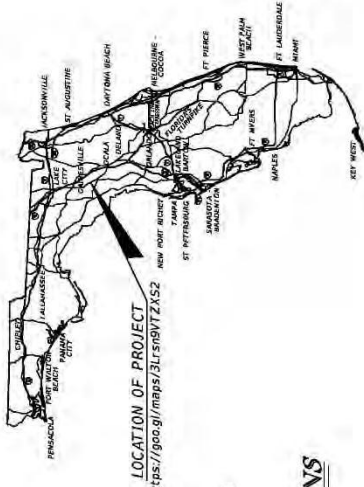
CONTRACT PLANS

FINANCIAL PROJECT ID 439499-1-58-01
(FEDERAL FUNDS)
ALACHUA COUNTY

SW 170TH STREET FROM LEVY COUNTY TO SOUTH OF ARCHER

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
5-1	SIGNATURE SHEET
5-2	TABULATION OF QUANTITIES
5-3	GENERAL NOTES
5-4	SIGNING AND PAVEMENT MARKING PLAN
5-5 - 5-18	



SIGNING AND PAVEMENT MARKING PLANS

**SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD:**

LUIS E. MALDONADO, P.E.
P.L. LICENSE NUMBER 45386
DRMP, INC.
1625 SUMMIT LAKE DRIVE, SUITE 200
TALLAHASSEE, FL 32317
PHONE: (904) 833-8888
FAX: (904) 833-8889
VENDOR NO. F587874001
CERTIFICATE OF AUTHORIZATION 2648

PROJECT MANAGER:
JAMES FLEGGERT, P.E.

FISCAL YEAR	20	SHEET NO.	5-1
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THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
VALID AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

DMP, INC.
1625 SUMMIT LAKE DRIVE, SUITE 200
TALLAHASSEE, FL 32317
CERTIFICATE OF AUTHORIZATION 2648
LUIS E. MALDONADO, P.E. NO. 45306

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS, IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	TABULATION OF QUANTITIES
S-4	GENERAL NOTES
S-5 - S-14	SIGNING AND PAVEMENT MARKING PLAN

DATE	DESCRIPTION	DATE	DESCRIPTION

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 TALLAHASSEE, FL 32317 CERTIFICATE OF AUTHORIZATION NO. 2648 LUIS E. MALDONADO, P.E. LICENSE NO. 45306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT FINANCIAL PROJECT ID 439499-1-58-01	ROAD NO. CR 241 SW 170TH	COUNTY ALACHUA	SHEET NO. S-2
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SIGNATURE SHEET

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SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. MAINTAIN EXISTING STREET NAME SIGNS FOR 911 PURPOSES. COST FOR ALL RELOCATIONS DURING MAINTENANCE OF TRAFFIC TO BE INCLUDED UNDER RELATED PAY ITEMS.

REVISIONS		DESCRIPTION		DATE	
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

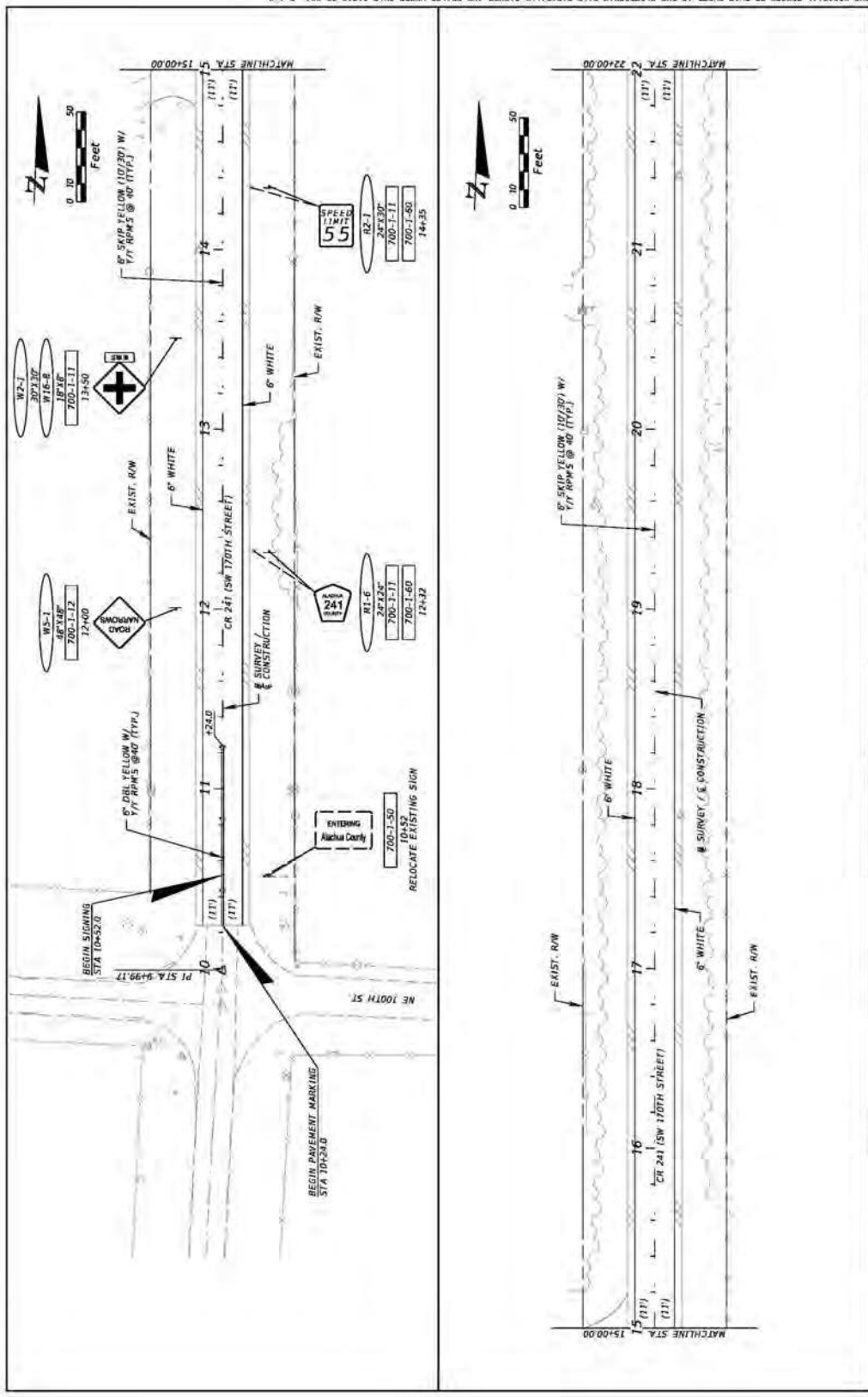
DMP, INC.
 1625 SUMMIT LAKE DRIVE, SUITE 200
 BURNSVILLE, FL 32817
 PHONE: 407-255-5644
 CERTIFICATE OF AUTHORIZATION NO. 2648
 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306

ALACHUA COUNTY
 PUBLIC WORKS DEPARTMENT
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR 241 ALACHUA 439499-1-58-01
 SW 170TH

GENERAL NOTES

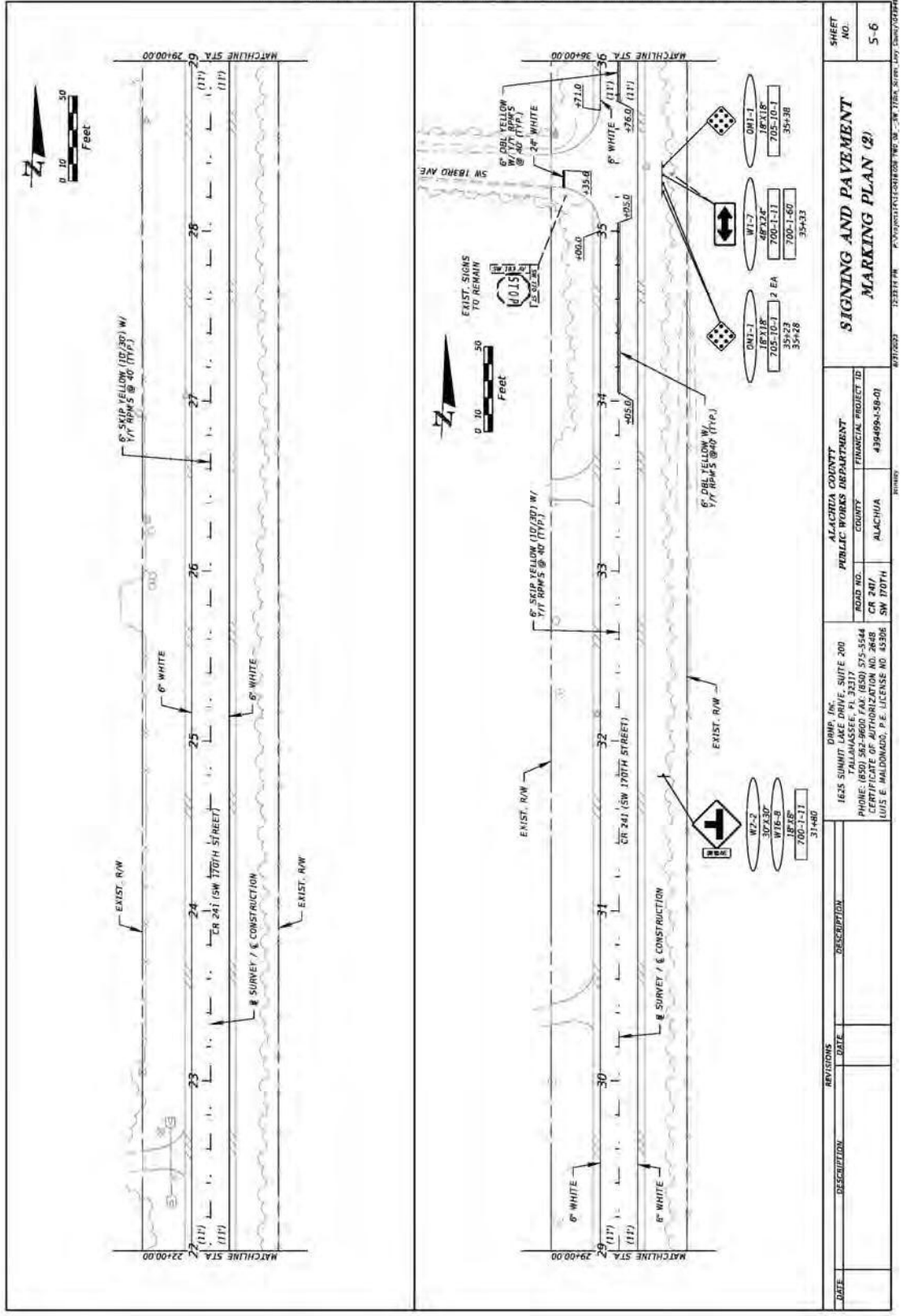
SHEET NO. 5-4

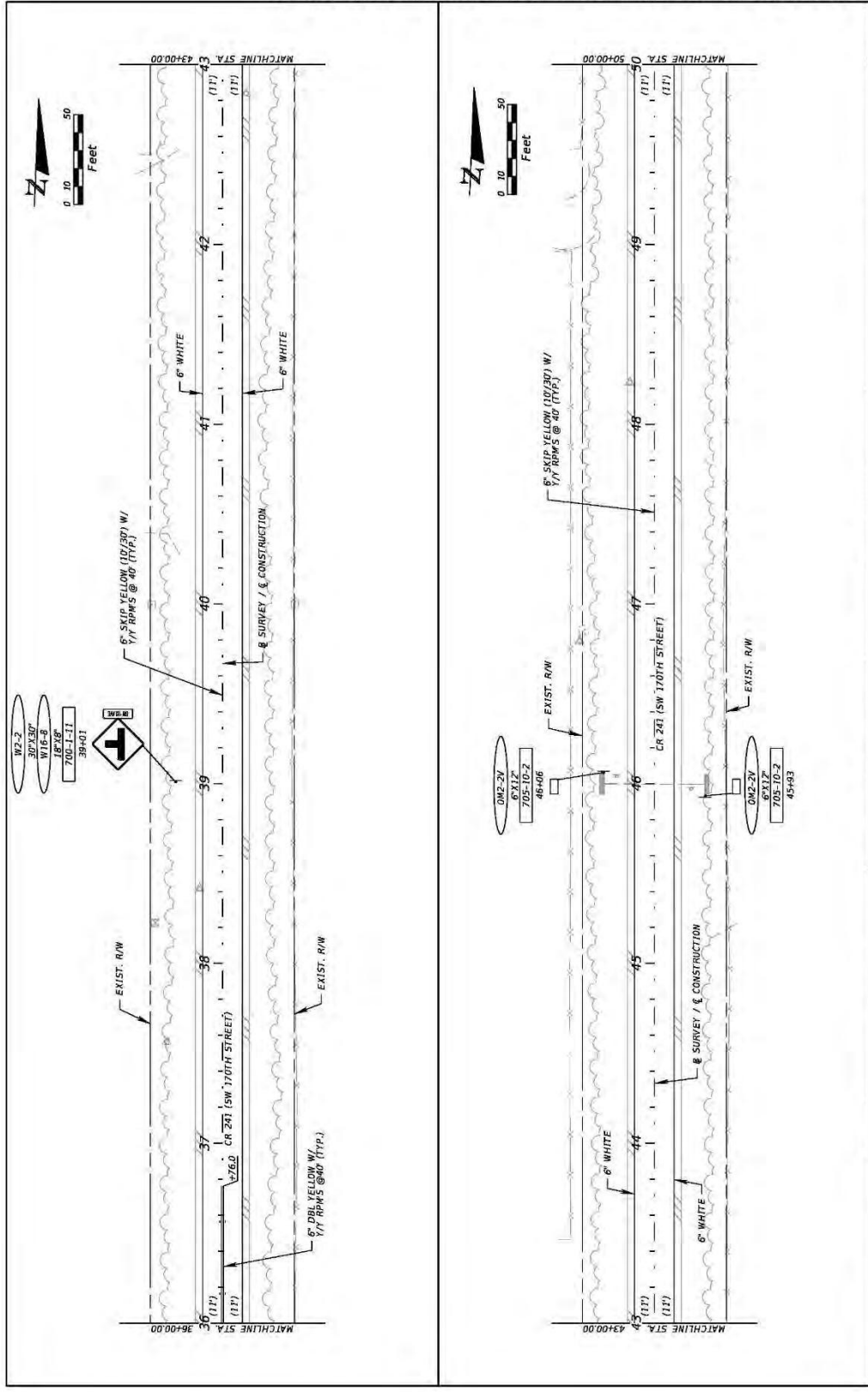
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMRP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FLORIDA 33411 PHONE: 561-993-1111 FAX: 561-993-1112 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. COUNTY FINANCIAL PROJECT ID CR 241 ALACHUA 439499-1-58-01 SW 170TH SW 170TH	
SHEET NO. 5-5		DATE: 12/23/23	

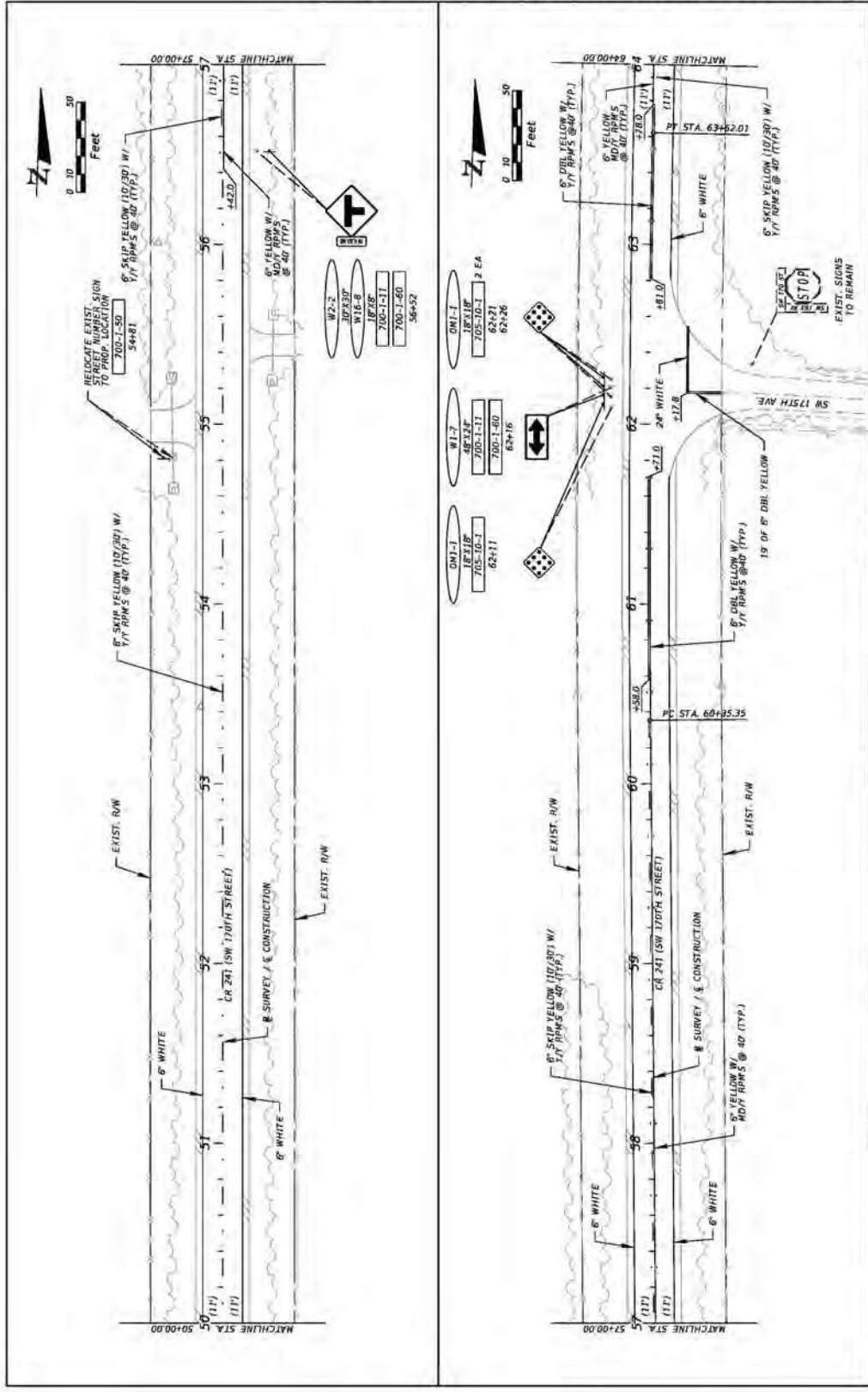




REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

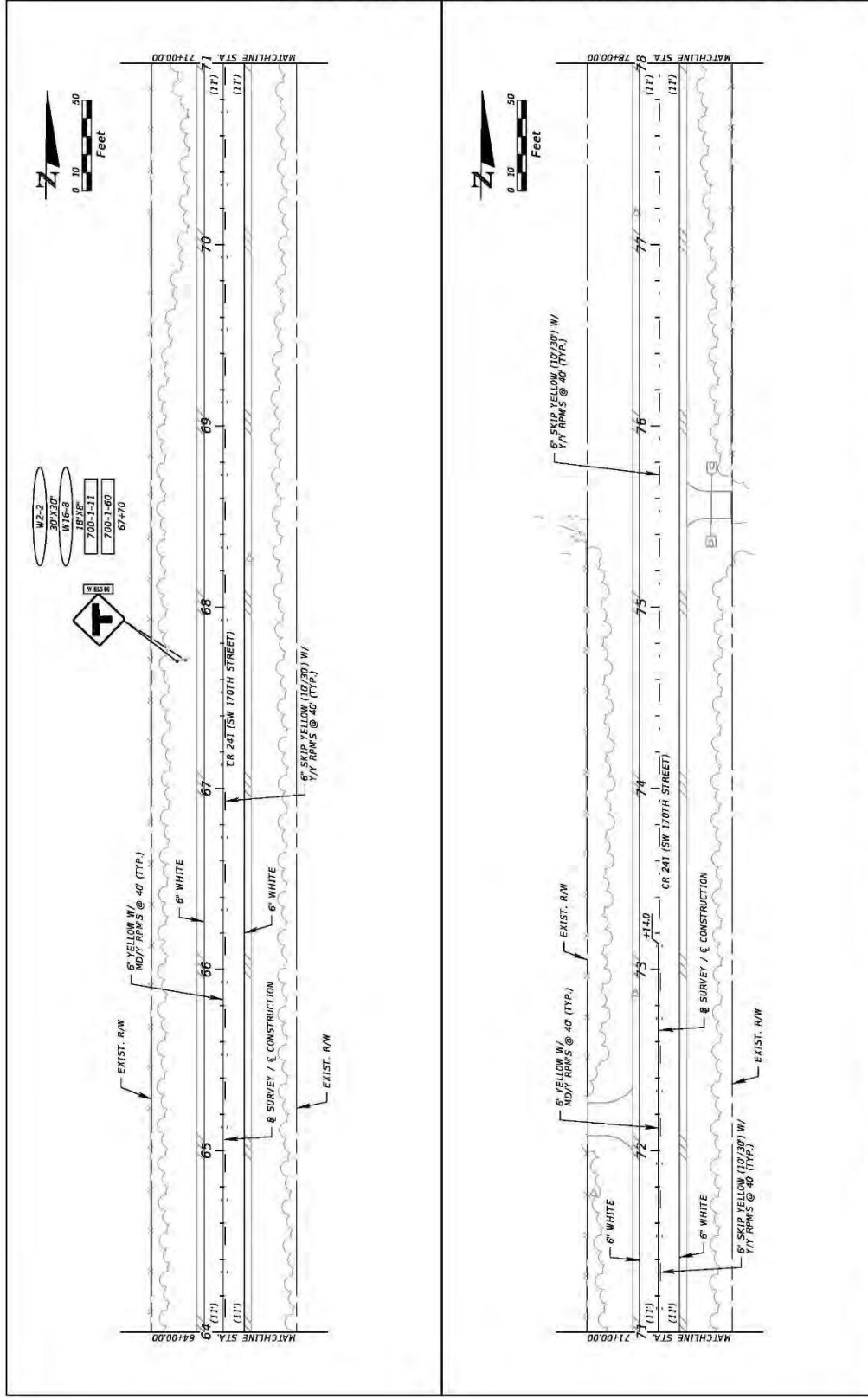
DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FLORIDA 33417 PHONE: 561-833-1111 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-I-58-01	
1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FLORIDA 33417 PHONE: 561-833-1111 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-I-58-01	

SIGNING AND PAVEMENT MARKING PLAN (3)		SHEET NO. 5-7
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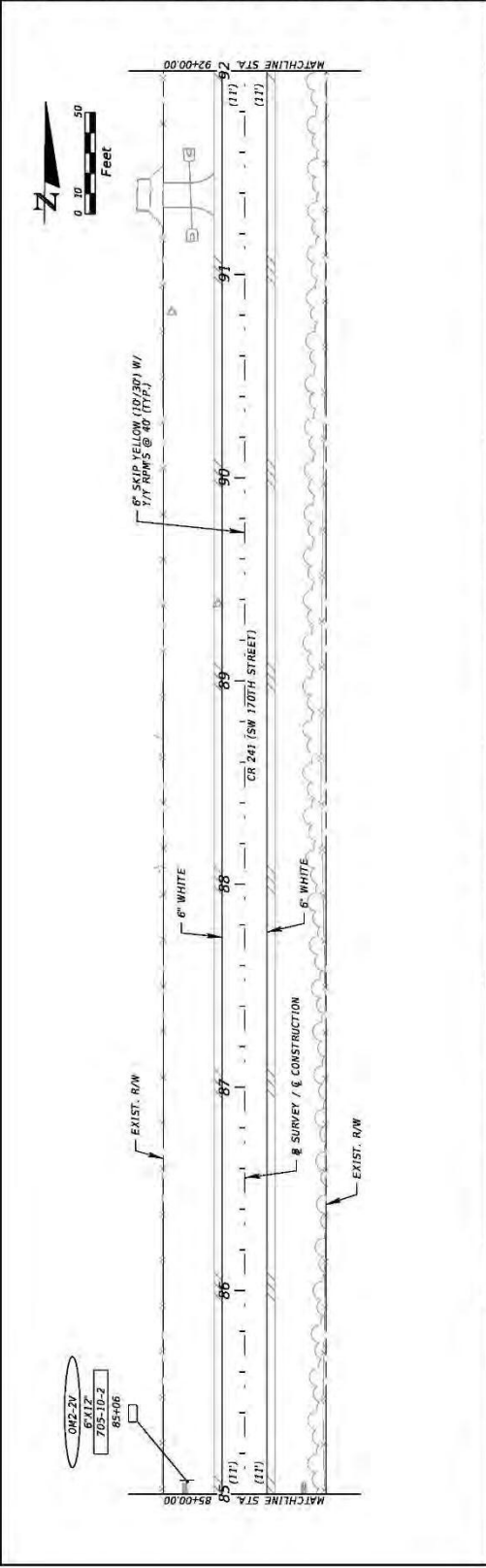
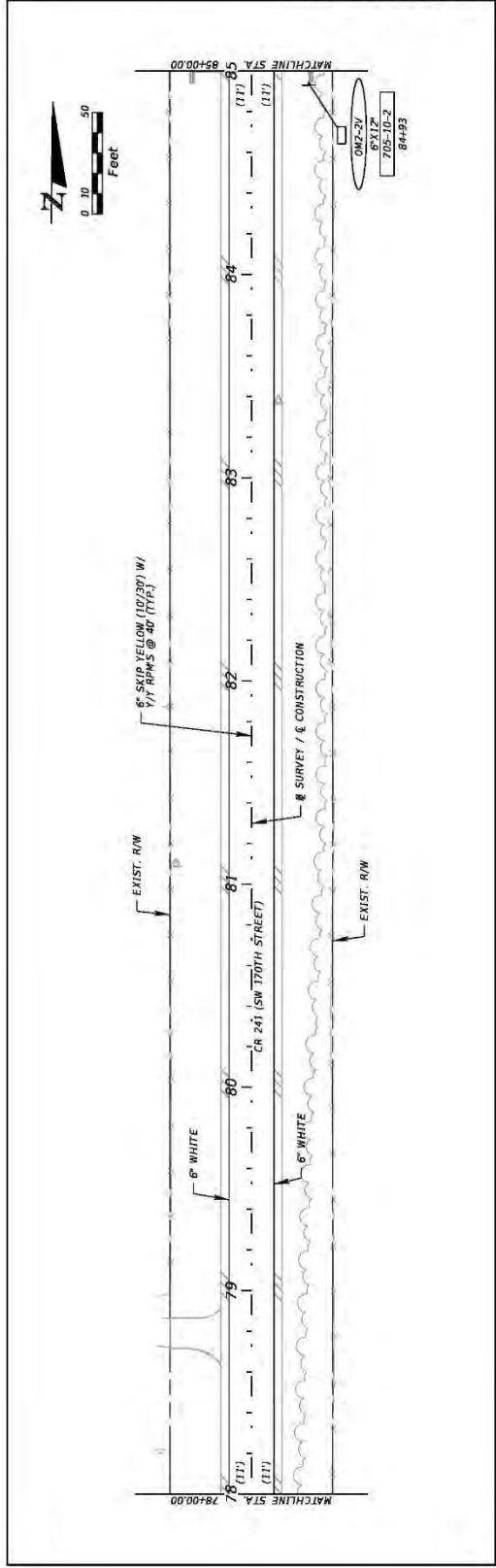
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMRP, INC. 1624 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33411 PHONE: 561-833-5544 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 45396		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	
PROJECT: SW 170TH STREET WIDEN & RESURFACE SHEET NO. 5-8		DATE: 12/23/23	



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 PHONE: 561-833-1111 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 SW 170TH STREET COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	
SIGNING AND PAVEMENT MARKING PLAN (5)		SHEET NO. 5-9	



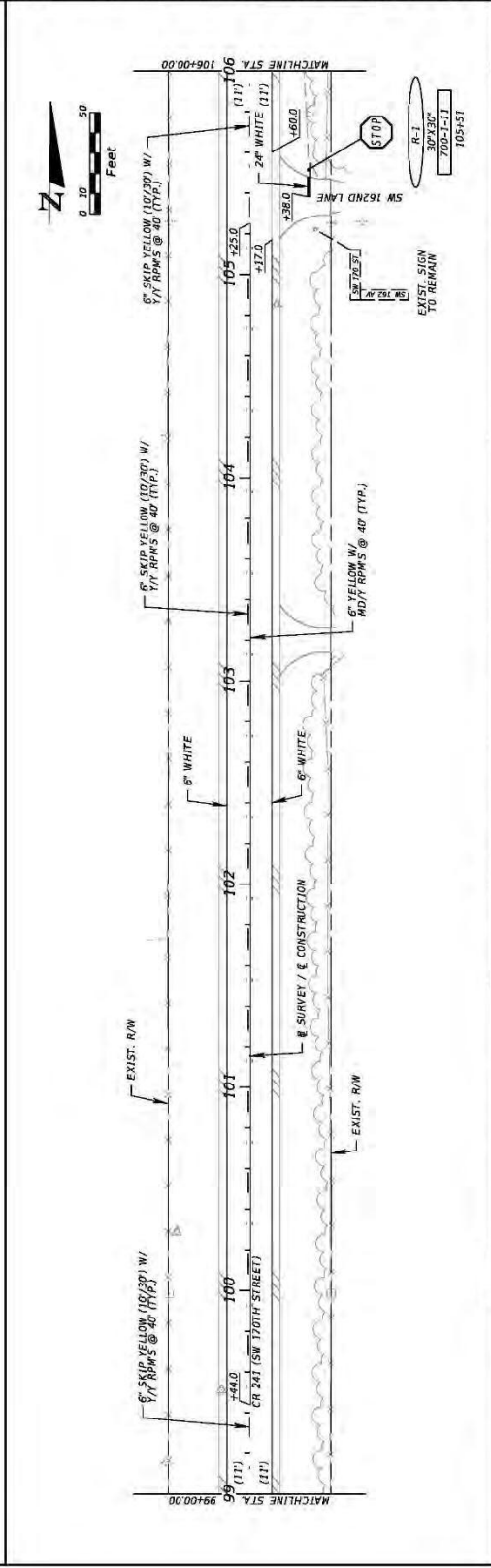
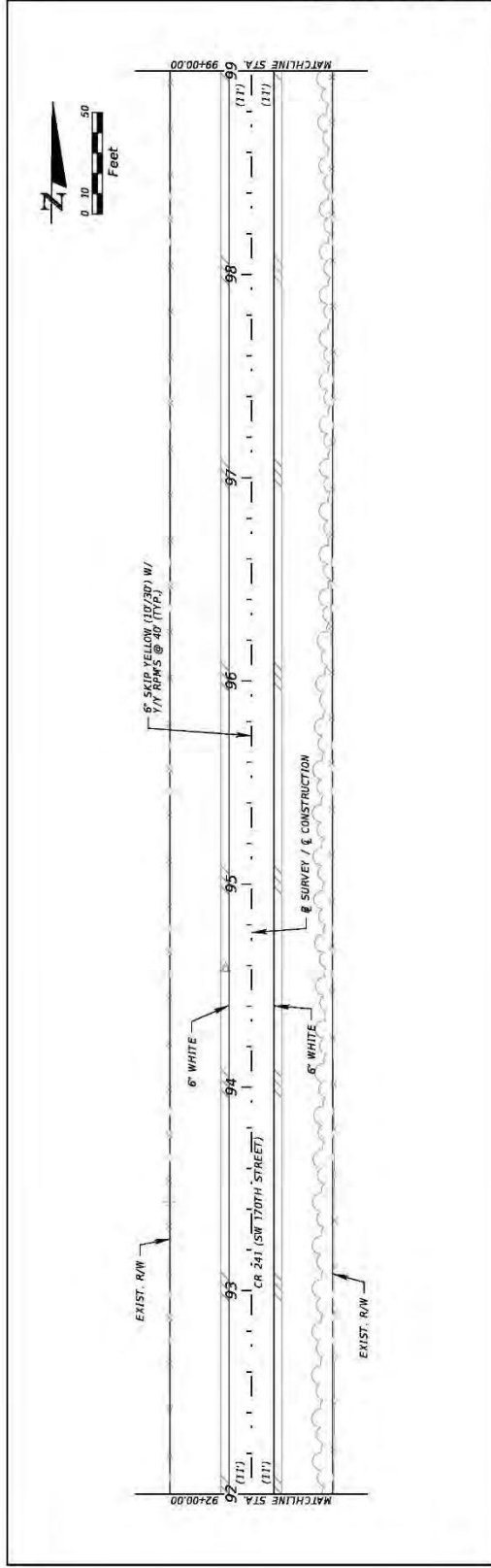
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 PHONE: 561-833-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID SW 170TH SW 170TH 439499-1-58-01		SHEET NO. 5-10
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SIGNING AND PAVEMENT MARKING PLAN (6)

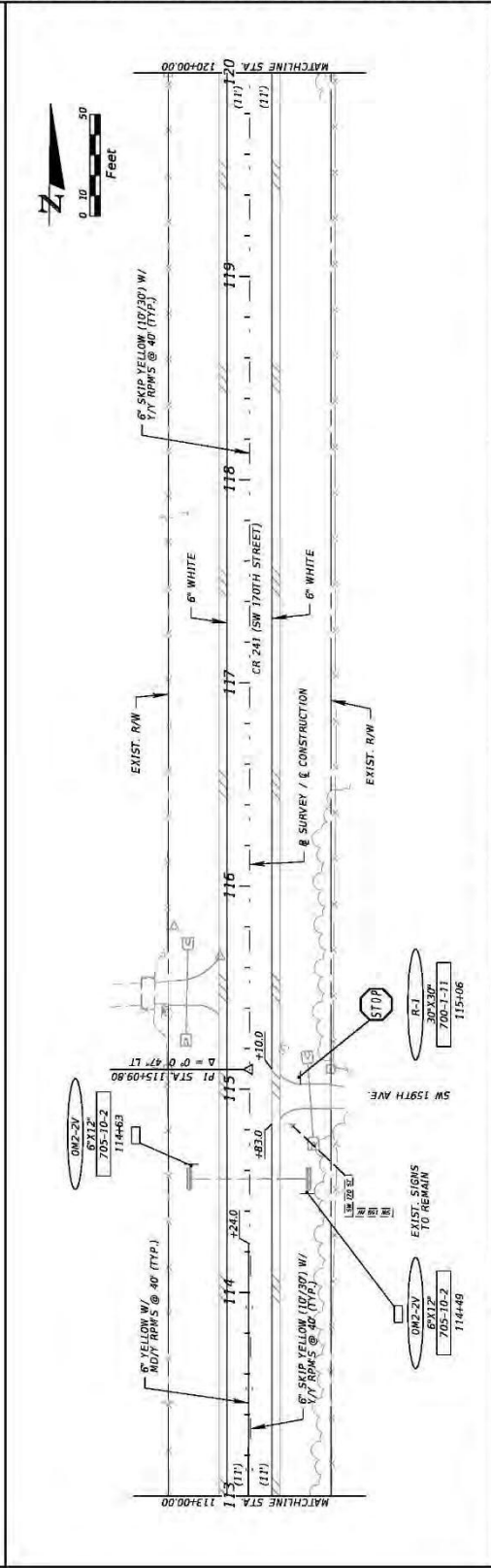
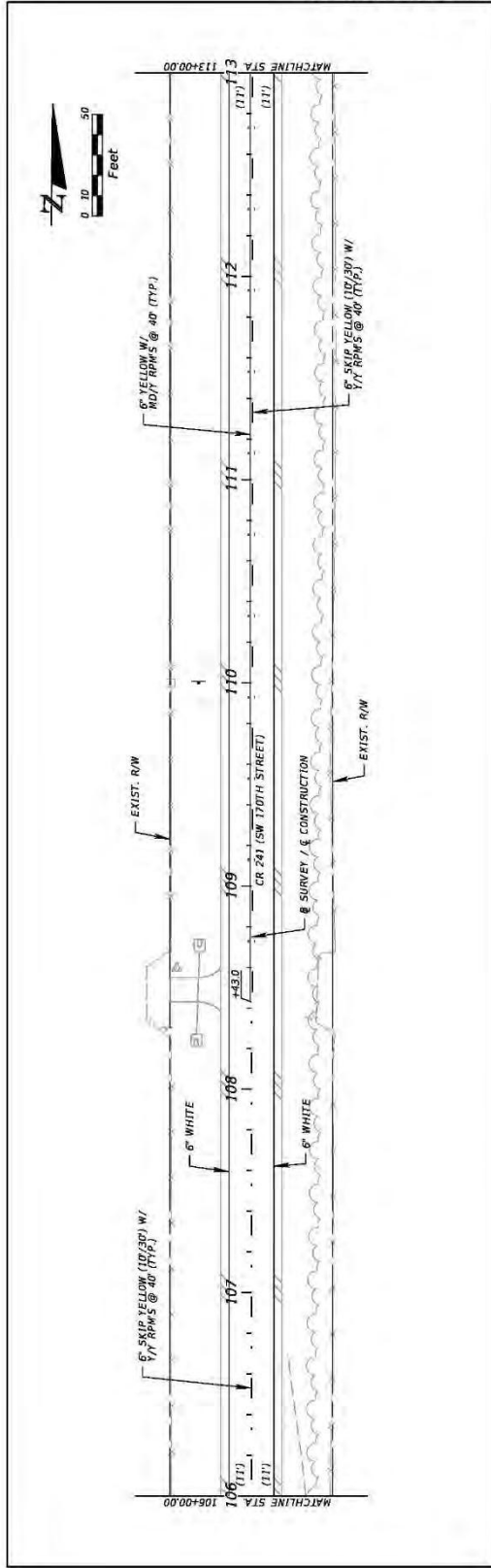
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SIGNING AND PAVEMENT MARKING PLAN (7)		SHEET NO.	
		S-11	
ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 SW 170TH STREET COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01		DATE DESCRIPTION REVISIONS	
DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BACH, FL 32917 PHONE 888-888-8888 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		DATE DESCRIPTION REVISIONS	
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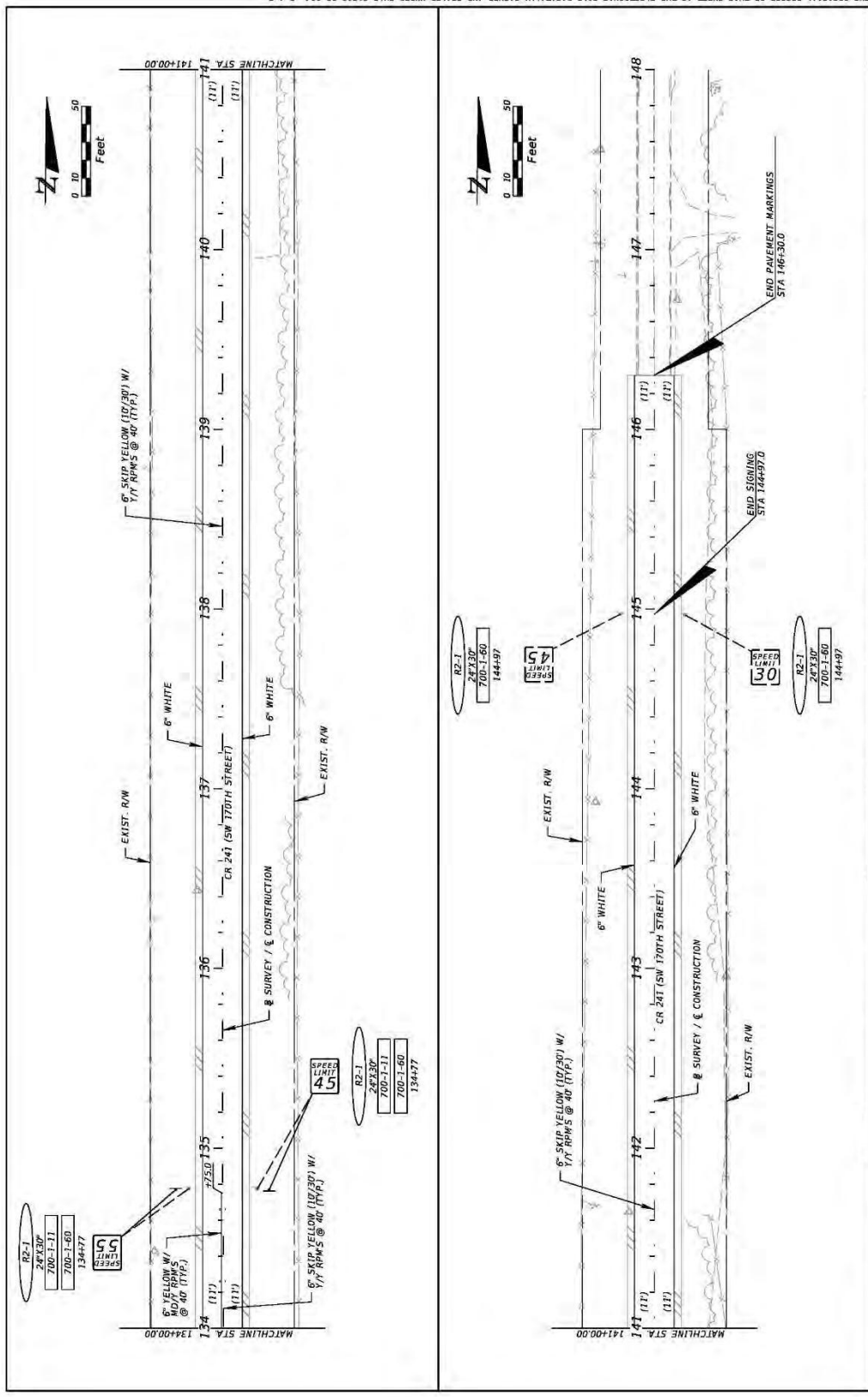
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
		0M2-2V 705-10-2 114-48		EXIST. SIGNS TO REMAIN
		0M2-2V 705-10-2 114-48		STOP
		0M2-2V 705-10-2 114-48		R-1 30' SW 700-1-11 115+06

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 BOHNE, FLORIDA 32317 PHONE: 904-261-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	
SIGNING AND PAVEMENT MARKING PLAN (8)		SHEET NO. 5-12	

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REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

DMP, INC. 1625 SUMMIT LAKE DRIVE, SUITE 200 PALM BEACH, FL 33417 PHONE: 561-833-5644 CERTIFICATE OF AUTHORIZATION NO. 2648 LOUIS E. MALDONADO, P.E. LICENSE NO. 43306		ALACHUA COUNTY PUBLIC WORKS DEPARTMENT ROAD NO. CR 241 COUNTY ALACHUA FINANCIAL PROJECT ID 439499-1-58-01	
144437 700-1-60 24X30 R2-1 45		144437 700-1-60 24X30 R2-1 30	

SIGNING AND PAVEMENT MARKING PLAN (10)		SHEET NO.	5-14
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Certificate Of Completion

Envelope Id: 7B4C39D80D9B4BFCBD48808FC0A8C81F Status: Completed
 Subject: Complete with DocuSign: #13453 - SW 170th Street from Levy County to South of Archer (LAP) with...
 Source Envelope:
 Document Pages: 285 Signatures: 1 Envelope Originator:
 Certificate Pages: 5 Initials: 0 Michelle Guidry
 AutoNav: Enabled mguidry@alachuacounty.us
 Envelope Stamping: Enabled IP Address: 163.120.80.69
 Time Zone: (UTC-05:00) Eastern Time (US & Canada)

Record Tracking

Status: Original Holder: Michelle Guidry Location: DocuSign
 6/24/2024 10:03:17 AM mguidry@alachuacounty.us
 Security Appliance Status: Connected Pool: StateLocal
 Storage Appliance Status: Connected Pool: Alachua County Location: DocuSign

Signer Events

Douglas Dabney
 doug.dabney@watsonconstruct.com
 Managing Partner
 watson Construction Company LLC
 Security Level: Email, Account Authentication (None)

Signature


 Signature Adoption: Pre-selected Style
 Using IP Address: 184.188.101.42

Timestamp

Sent: 6/24/2024 10:14:49 AM
 Viewed: 6/24/2024 10:15:22 AM
 Signed: 6/24/2024 10:21:32 AM

Electronic Record and Signature Disclosure:
 Accepted: 6/24/2024 10:15:22 AM
 ID: 4f2f0cec-9148-46a6-86cb-f930d8aab7c5

In Person Signer Events

Signature

Timestamp

Editor Delivery Events

Status

Timestamp

Agent Delivery Events

Status

Timestamp

Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

Status

Timestamp

Thomas (Jon) Rouse
 trouse@alachuacounty.us
 Contracts Supervisor
 Alachua County Board of County Commissioners
 Security Level: Email, Account Authentication (None)

COPIED

Sent: 6/24/2024 10:21:36 AM

Electronic Record and Signature Disclosure:
 Not Offered via DocuSign

Barbara Fair
 bafair@alachuacounty.us
 Security Level: Email, Account Authentication (None)

COPIED

Sent: 6/24/2024 10:21:36 AM

Electronic Record and Signature Disclosure:
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Carbon Copy Events	Status	Timestamp
Carolyn Miller crmiller@alachuacounty.us Procurement Specialist Procurement Security Level: Email, Account Authentication (None)	COPIED	Sent: 6/24/2024 10:21:37 AM
Electronic Record and Signature Disclosure: Not Offered via DocuSign		

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Envelope Sent	Hashed/Encrypted	6/24/2024 10:14:49 AM
Certified Delivered	Security Checked	6/24/2024 10:15:22 AM
Signing Complete	Security Checked	6/24/2024 10:21:32 AM
Completed	Security Checked	6/24/2024 10:21:37 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure
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ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

From time to time, Alachua County (we, us or Company) may be required by law to provide to you certain written notices or disclosures. Described below are the terms and conditions for providing to you such notices and disclosures electronically through the DocuSign system. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to this Electronic Record and Signature Disclosure (ERSD), please confirm your agreement by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

Getting paper copies

At any time, you may request from us a paper copy of any record provided or made available electronically to you by us. You will have the ability to download and print documents we send to you through the DocuSign system during and immediately after the signing session and, if you elect to create a DocuSign account, you may access the documents for a limited period of time (usually 30 days) after such documents are first sent to you. After such time, if you wish for us to send you paper copies of any such documents from our office to you, you will be charged a \$0.00 per-page fee. You may request delivery of such paper copies from us by following the procedure described below.

Withdrawing your consent

If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact Alachua County:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: mguidry@alachuacounty.us

To advise Alachua County of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at mguidry@alachuacounty.us and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

If you created a DocuSign account, you may update it with your new email address through your account preferences.

To request paper copies from Alachua County

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to mguidry@alachuacounty.us and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with Alachua County

To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

- i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;
- ii. send us an email to mguidry@alachuacounty.us and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>.

Acknowledging your access and consent to receive and sign documents electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

By selecting the check-box next to ‘I agree to use electronic records and signatures’, you confirm that:

- You can access and read this Electronic Record and Signature Disclosure; and
- You can print on paper this Electronic Record and Signature Disclosure, or save or send this Electronic Record and Disclosure to a location where you can print it, for future reference and access; and
- Until or unless you notify Alachua County as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Alachua County during the course of your relationship with Alachua County.