



**ALACHUA COUNTY
ROAD AND BRIDGE CONSTRUCTION AGREEMENT FOR INVITATION TO BID
NO. 23-411**

**PROJECT NO. 917-7914
AGREEMENT NO. 13863**

NW 23RD AVENUE RESURFACING

ROAD AND BRIDGE CONSTRUCTION AGREEMENT NO. 13863 BETWEEN ALACHUA COUNTY AND V E WHITEHURST & SONS, INC. FOR INVITATION TO BID NO. 23-411 – PROJECT NO. 917-7914 – FOR NW 23RD AVENUE RESURFACING

THIS AGREEMENT made and entered into upon execution, by and between V E Whitehurst & Sons, Inc., a Florida for-profit corporation, whose principal business address is 20551 NE 75th St., Williston, FL, 32696, (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. 23-411 seeking the bids from road and bridge construction contractors to furnish all labor, materials, equipment and apparatus for mill and resurface NW 23rd Avenue from I-75 to NW 58th Boulevard, widen turn lanes, and construct a multi-use path on the north side of NW 23rd Avenue, *in Alachua County, Florida*; and

WHEREAS, after evaluating and considering all timely responses to Invitation to Bid No. 23-411, 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. 23-411 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.** Invitation to Bid No. 23-411 requested the Contractor to provide bid pricing for Revised Base Bid-Specs/Plan Adm 2, Add/Deduct from Base Bid, and Mobilization-Alternate 1. This Agreement awards to Contractor the scope of work included in the Revised Base Bid-Specs/Plan Adm 2 only. 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 11: Alachua County Board of County Commissioners Construction Plans for County Project 917-7914, NW 23rd Avenue Resurfacing Alt 1, I-75 to NW 58th Boulevard**, Final Plans dated 6/27/2023, for *Invitation to Bid No. 23-411, Project No: 917-7914, “NW 23rd Avenue Resurfacing”* 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 are herein acknowledged by the Contractor.
- 2 **CONTRACT PRICE.**
 - 2.1 The awarded Agreement consists of the Contract Amount of Eight Million, Five Hundred Fifty Thousand, Seven Hundred Forty-Nine Dollars and Seventy-Five Cents (\$8,550,749.75) (Base Bid only) plus a Contingency of Four Hundred Twenty-Seven Thousand, Five Hundred Thirty-Seven Dollars and Forty-Nine Cents (\$427,537.49).

- 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 Eight Million, Five Hundred Fifty-Five Thousand, Seven Hundred Forty-Nine Dollars and Seventy-Five Cents (\$8,550,749.75) (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 Four Hundred Twenty-Seven Thousand, Five Hundred Thirty-Seven Dollars and Forty-Nine Cents (\$427,537.49) (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.

3. **ALACHUA COUNTY MINIMUM WAGE**

- 3.1. If, as determined by County, the Services to be performed pursuant to this Agreement are ‘Covered Services’, as defined under the Alachua County Government Minimum Wage Ordinance (“Wage Ordinance”), then during the term of this Agreement and any renewals, Contractor shall pay its ‘Covered Employees’, as defined in the Wage Ordinance, no less than the Alachua County Government Minimum Wage (“Minimum Wage”), as may be amended by the County. Contractor will require the same of its subcontractors and subconsultants who provide the Services. If applicable to the Services, Contractor will certify this understanding, obligation, and commitment to County through a certification, a copy of which is attached hereto as **Exhibit 9** Contractor will (a) post a copy of the Minimum Wage Rate in a prominent place of its principal place of business where it is easily seen by Covered Employees; (b) supply a copy to any Covered Employee upon request; (c) make any person submitting a bid for a subcontract for Covered Services aware of these requirements; and (d) include the necessary provisions in subcontracts to ensure compliance. The County shall not be deemed a necessary, or indispensable, party in any litigation between Contractor and subcontractor. At this time of execution of this Agreement, the prevailing Minimum Wage is as follows, which is subject to change during the term of this Agreement, and will be updated, and be applicable, without the necessary of amendment to this Agreement:

\$17.00 per hour with qualifying health \$19.00 per hour without health benefits

benefits amounting to at least \$2.00 per hour

- 3.2. If applicable to the Services under this Agreement and to Contractor, the failure to comply with the provisions of the Wage Ordinance will be deemed a breach this Agreement and County is authorized to withhold payment of funds in accordance with Alachua County Code and Chapter 218, Florida Statutes.

4 **GENERAL CONDITIONS**

- 4.1 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.
- 4.2 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 4.3.
- 4.3 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.
- 4.4 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 obligated to pay the retainage.
- 4.5 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.
- 4.6 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.

5 **CONTRACT TIME AND DAMAGES**

5.1 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 140 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 30 working days from the date the County delivers the final List to the Contractor as provided in section 4.3, above, unless extended in accordance with §218.735(7)(c), Florida Statutes.

5.2 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 Three Thousand, Eight Hundred Nineteen Dollars and Zero Cents (\$3,819.00) per day for each and every working day after the date fixed for Substantial Completion.

5.3 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, Nine Hundred Nine Dollars and Fifty Cents (\$1,909.50) per day for each and every working day after the date fixed for Final Completion.

6 **PERFORMANCE AND PAYMENT BONDS**

6.1 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.

6.2 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.

6.3 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.

7 **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.u

Contractor:

V E Whitehurst & Sons Inc
20551 NE 75th St.
Williston, FL 32696
dwhitehurst@vewwhitehurst.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

8. **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.

9. **GOVERNING ORDER OF DOCUMENTS**

- 9.1 In cases of discrepancy, the governing order of the documents is as follows:
- 9.1.1 Amendments and Change orders;
 - 9.1.2 This Agreement;
 - 9.1.3 Technical Specifications for Invitation to Bid No. 23-411 (**Exhibit 2**);
 - 9.1.4 Non-Technical Specifications for Invitation to Bid No. 23-411 (**Exhibit 1**);
 - 9.1.5 *Alachua County Board of County Commissioners Construction Plans for County Project 917-7914, NW 23rd Avenue Resurfacing Alt 1, I-75 to NW 58th Boulevard, Final Plans dated 6/27/2023, for Invitation to Bid No. 23-411, for Invitation to Bid No. 23-411 (**Exhibit 11**);*
 - 9.1.6 Contractor's Invitation to Bid Submittal.

10. **INDEMNIFICATION**

- 10.1. 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.
- 10.2. The Contractor's 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.
- 10.3. This obligation shall in no way be limited in any nature whatsoever by any limitation on the amount or type of Contractor's insurance coverage. This indemnification provision shall survive the termination of the Agreement between the County and the Contractor.
- 10.4. In any and all claims against the County or any of its agents or employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Article shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under workers' compensation acts, disability benefit acts or employee benefit acts.
- 10.5. Nothing contained herein shall constitute a waiver by the County of sovereign immunity or the provisions or limits of liability of §768.28, Florida Statutes.

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

- 11.1. Keep and maintain public records required by the County to perform the Services.
- 11.2. 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.
- 11.3. 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.

- 11.4. 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.

- 11.5. 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.
- 11.6. 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
- 12 **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**.
- 13 **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.
- 14 **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.

- 15 **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.
- 16 **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.
- 17 **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.
- 18 **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.
- 19 **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.
- 20 **NO THIRD-PARTY BENEFICIARIES** Nothing contained herein shall create any relationship, contractual or otherwise, with, or any rights in favor of, any third party.
- 21 **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.
- 22 **WAIVERS OF CLAIMS AND CONTINUING OBLIGATIONS**
 - 22.1 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.
 - 22.2 The acceptance of Final Payment by the Contractor shall constitute a waiver of all claims by the Contractor against the County, except those previously made in writing and unsettled at the time of Final Payment.
- 23 **DEFAULT AND TERMINATION**
 - 23.1 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.

- 23.2 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.
- 23.3 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.
- 23.4 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.

24 **COUNTY'S RIGHT TO TERMINATE**

- 24.1 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.
- 24.2 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.
- 24.3 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.

25 **WORKPLACE VIOLENCE**

- 25.1 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.
 - 25.1.1 Battery: intentional offensive touching or application of force or violence to another.
 - 25.1.2 Stalking: willfully, maliciously and repeatedly following or harassing another person.

26 **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. 13863 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.

27. **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.
28. **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.
29. **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.
30. **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.
31. **U.S. DEPARTMENT OF HOMELAND SECURITY E-VERIFY SYSTEM** 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 below written.

ALACHUA COUNTY, FLORIDA

By: _____
_____, Chair
Board of County Commissioners
Date: _____


ATTEST

APPROVED AS TO FORM

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

Alachua County Attorney's Office

CONTRACTOR

By:  _____
Print: Devin whitehurst
Title: President
Date: 11/15/2023

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)**

**NW 23rd Avenue Resurfacing
Project No. 917-7914**

1.0 DEFINITIONS

These definitions apply to this exhibit and any all-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 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 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 consistent 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 Amount 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

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 If, after the approval of final payment and prior to the expiration of one year after the date of substantial completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any Work is found to be defective, the Contractor will promptly without cost to the County and in accordance with the County's written instructions either correct such defective Work, or, if it has been rejected by the County, remove it from the site and replace it with nondefective Work. If the Contractor does not promptly comply with the terms of such instructions, the County may have the defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, will be paid by the Contractor.
- 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 Engineer 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 submittal 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 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 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

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 workers 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

Technical Specifications

NW 23rd Avenue Resurfacing

Project No. 917-7914

E-01 GENERAL

Construction milestones shall be reached as noted below. The contractor may proceed with other work prior to the milestones; however, construction of each milestone shall be completed within the time allotted. If the contractor fails to complete a milestone within the time allotted, liquidated damages shall be assessed in accordance with Paragraph 5 of this agreement.

Milestone 1 – Roadway – complete within 110 working days from contract start - Construction of all work to widen and mill and resurface NW 23rd Avenue. This work will be permitted between the hours of 6:30 PM to 6:30 AM.

All described in these specifications supplement the work detailed in the construction drawings for County Project 917-7914 titled “NW 23rd Avenue Resurfacing,” contained in Exhibit 11, prepared by Kimley-Horn and Alachua County Public Works. 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, FY 2023-24 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, FY 2023-24 edition, the Florida Greenbook, 2018 edition and the Americans with Disabilities Act Guidelines, except when otherwise indicated hereinafter and

The drawings reference Index Sheets and Standards which are the FDOT Standard Plans for Roadway and Bridge Construction, FY 2023-24 edition.

References to Article Numbers, hereinafter, apply to the FDOT Standard Specifications for Road and Bridge Construction, FY 2023-24 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, FY 2023-24 edition, (Division II and III) and the current edition of Supplemental Specifications thereto, except as modified and supplemented hereinafter or in the "Technical Specifications" section. The following shall be interpreted as additions 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.

SECTION 1 ***DEFINITIONS AND TERMS***

1-3 Definitions:

Department

Shall be understood to be the County (Alachua County) or authorized representative of the County.

Holidays

To Holidays listed, add Christmas Eve Day.

Substantial Completion

Substantial completion has been attained when all asphalt, sidewalk, curb, initial striping, structures, signage, and final stabilization have been constructed and the County has inspected and accepted the work.

Supplemental Agreement

This term shall be understood to be Change Order or Field Change Order.

Working Day

Saturdays, Sundays and County-designated holidays are not considered working days.

Unless prior approval is received from the County Engineer, work shall not be performed on these days.

SECTION 2 ***PROPOSAL REQUIREMENTS AND CONDITIONS***

Delete this section.

SECTION 3 ***AWARD AND EXECUTION OF CONTRACT***

Delete this section.

SECTION 4 ***SCOPE OF THE WORK***

4-3.2.1 Allowable Costs for Extra Work

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; the Contractor shall provide documentation to the County demonstrating the bond rate paid in order to receive additional compensation for bond premiums. No compensation for bond premium will be allowed for additional or unforeseen work paid via initial contingency pay items.

4-5 Rights in and use of material found on the site of the work

All usable excess materials (pipe, vegetation, structures, earth, etc.) shall remain property of Alachua County and shall be stockpiled for removal by the County or delivered as specified in

Exhibit 2, "Technical Specifications." Unusable, damaged or other excess materials, as designated by the County Engineer's representative, shall be disposed of by the Contractor.

All other items addressed in Section 4 of the specifications are deleted.

SECTION 6 **CONTROL OF MATERIALS**

Prior to ordering of materials, provide a material submittal for approval by the County for all materials & products that will be incorporated into the project. This shall include all materials included on the Approved Products List.

SECTION 7 **LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC**

7-11.5.3 Utility Adjustments

Utility work which will be accomplished concurrently with this Contract will involve facilities owned by other agencies. Utility Schedules (Utility Relocation and/or Work Schedules) for these agencies are posted as part of the advertisement for this project on OpenGov. Take responsibility to obtain this information and comply with all requirements posted on the website up through seven calendar days before opening of bids. Contractor shall incorporate all posted schedules within their bid and work schedule.

7-13 Insurance

Delete this subsection.

7-14 Contractor's Responsibility for Work

This subsection is replaced with the following:

The Contractor will take charge and custody of the Work and take every necessary precaution against damage to the Work, by the action of the elements or from any other cause whatsoever, until the Department's final acceptance of the Work. The Contractor will rebuild, repair, restore, and make good all damage to any portion of the Work occasioned by any of the above causes before final acceptance of the Contract.

The Department will have no obligation to pay any reimbursement for damage caused by the execution or non-execution of the Work by the Contractor or its sub-contractors, or damage the Contractor was negligent in preventing.

For damage to installed material caused by third parties, the Contractor shall pursue recovery from the third party. The Department shall not reimburse the Contractor for repair costs due to damage, theft or vandalism to installed material caused by third parties. If the third party is unknown or the Contractor is unable to obtain recovery from the third party, the Contractor may pursue recovery through its Insurance Policy.

The Department may, at its discretion, reimburse the Contractor for the repair of damage to the Work not caused by a third party and due to unforeseeable causes beyond the control of and without the fault or negligence of the Contractor, including but not restricted to Acts of God, of the public enemy, or of governmental authorities.

7-22 Available Funds

Delete this subsection.

7-23 Contractor's Motor Vehicle Registration
Delete this subsection.

SECTION 8 **PROSECUTION AND PROGRESS**

8-1 Subletting or Assigning of Contracts
Provisions concerning subcontracts are contained in Exhibit 1.

8-6 Suspension of Contractor's Operations - Holidays and Special Events
A working day shall not be charged for such suspensions; working days not charged shall be denoted monthly on the pay application.

8-7.3 Adjusting Contract Time
Adjustments to contract time, excluding weather, will be in accordance with Exhibit 1. Language contained in 8-7.3 is applicable; in the case of discrepancies, the language in Exhibit 1 shall prevail. A working day shall not be charged for weather days; working days not charged shall be denoted monthly on the pay application.

8-8 Thru 8-11

Delete these subsections.

SECTION 9 **MEASUREMENT AND PAYMENT**

Delete this section except for Section 9-2.

9-2 Scope of Payments.
Measurement and payment of quantities shall be as measured once installed and accepted. Measurement shall be in the form of the applicable unit. Exceptions are materials stockpiled due to availability prior to need, for which 100% of invoice may be paid, not to exceed 75% of bid price for the installed and accepted material. Progress payments and final payments will be in accordance with Exhibit 1.

9-2.1.1 Fuels

Delete this subsection.

SECTION 102 **MAINTENANCE OF TRAFFIC**

102-5.1 Standards
Basic principles and minimum standards for all traffic maintenance activities will be in accordance with the current edition of the FDOT Standard Plans for Road Construction and the Manual on Uniform Traffic Control Devices.

Develop and submit a maintenance of traffic plan in accordance with Exhibit 1. This item shall also include all temporary pavement markings and the placement of the workzone RPMs on all asphalt intermediate surfaces. RPM's, temporary and final, shall be placed prior to opening the roadway to traffic. This section shall include the usage of portable changeable messages signs (PCMS) for at least one week prior to the start of construction to alert motorist of pending construction and during

construction to alert motorist of changes in the traffic patterns or signalization control. The section shall include maintenance of pedestrian and bicycle accessibility through the work zone in accordance with FDOT and ADA standards at all times. This section shall include an off-duty law enforcement officer anytime a flagger is required in a signalized intersection. This section shall include relocation of mailboxes as required for maintenance of postal service, the temporary relocation of signs for visibility for emergency responders and final relocation. It is the contractor's responsibility to replace any signs that are damaged during construction.

Access to all driveways shall be provided at all times unless a closure is coordinated with the property owner. Coordination for driveway access with the property owners shall be the responsibility of the contractor. The contractor shall provide and maintain temporary vehicle detection at all traffic signals; use of infrared detectors are prohibited. The contractor shall notify Alachua County Public Works at least two working days prior to any planned closures.

No lane closures will be permitted between the hours of 6:30 AM to 6:30 PM.

Lane closures will not be permitted during Santa Fe College special events. The Contractor will be responsible for coordinating with Santa Fe College to ensure lane closures are not performed when special events are occurring at the college.

Traffic shall not be allowed to drive on a milled surface.

The contractor shall adhere to all requirements of this section and the approved MOT plan at all times. Any deficiency of this section shall be corrected within 24-hour notice from the County; in the sole opinion and discretion of the County, failure to do so may result in liquidated damages in the amount equivalent to the final completion liquidated damages amount outlined in this solicitation for each and every calendar day the deficiency remains.

102-13 Basis of payment

All traffic control devices (including signs), warning devices and barriers shall be furnished and maintained by the Contractor. Cost of all devices necessary for conformance to the FDOT Standard Plans for Roadway and Bridge Construction, Current Edition and this section shall be included in lump sum bid item for Maintenance of Traffic, unless bid separately.

SECTION 104 *PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION*

This section shall include the installation, cost and maintenance of any materials to comply with construction drawings, the Stormwater Pollution Prevention Plan, the Erosion & Sedimentation Control Plan and any other regulations as required by law for any work done under this contract. This section shall include filing of a Notice of Intent with the Florida Department of Environmental Protection for stormwater discharge. Develop and submit Stormwater Pollution Prevention Plan and/or an Erosion & Sedimentation Control Plan in accordance with Exhibit 1 if the plan(s) are not included in the construction drawings.

104-10 Basis of Payment

The installation and maintenance of all items for conformance to this section shall be included LS bid item for prevention, control and abatement of erosion and water pollution unless bid separately.

SECTION 107 *LITTER REMOVAL AND MOWING*

The contractor shall perform litter removal, mowing and edging of the right-of-way as directed by the County Inspector

107-4 Basis of Payment

Payment for litter removal, mowing and edging shall be bid in mowing pay item per acre.

SECTION 110 *CLEARING AND GRUBBING*

The contractor shall clear and grub only those portions of the site necessary for construction. The contractor shall be responsible for disposing of all demolition materials in a safe and lawful manner. The contractor shall salvage to the County any item as determined by the County.

This section shall include the saw-cutting of existing driveways & sidewalks and any clearing within the limits of construction.

This section shall include trimming trees and vegetation to a height of 17.5 ft. above and 18 ft. beyond the edge of travel way, or a height of 17.5 ft. above and 4 ft. beyond the back of curb for curb and gutter sections. This section shall also include trimming trees and vegetation to a height of 8 ft. above the sidewalks/paths and 2 ft. beyond either side of the sidewalks/paths. The contractor shall notify the County Horticulturist 48 hours prior to any planned trimming operations. All tree trimming and root pruning shall be performed in accordance with ANSI A300 Standards.

110-7 Removal of Existing Concrete

Removal or relocation of pipe, pipe end treatments, drainage structures, fence and any other items noted in the plans or not noted in the plans not covered by other sections, within the limits of construction, shall be included in this section.

110-12 Basis of Payment

All work required under this section shall be bid in lump sum item for clearing & grubbing unless bid separately.

SECTION 120 *EXCAVATION AND EMBANKMENT*

This section shall include spreading, redistributing and compacting of any on-site materials as required by the plans and to the redistribution or removal onsite material required to attain the proposed grades as indicated on the plans. All excess material suitable materials shall remain property of the County. This section shall include the contractor's delivery of the excess suitable material to Alachua County Public Works Compound at 5620 NW 120th Lane Gainesville, FL.

120-4.1 Subsoil Excavation

This shall only be used as directed by the County Inspector or as required by the plans. Subsoil excavations shall occur to a depth of 24 inches below the bottom of the limerock base in accordance with Standard Plan Index 120-002 or as required by the plans.

120-6 Borrow

This shall only be used if approved by the County Inspector. Borrow material shall be supplied by the contractor from an approved, permitted source. Suitability of borrow material shall be approved by Alachua County prior to use.

120-8 Embankment Construction

Fill placed for roadway embankment or replacement of sub soil excavation shall be placed in a maximum of 12" lifts and compacted to minimum density specified in the plans. Materials placed

for stormwater management basin embankments shall be placed in maximum 12" lifts. Fill material placed over the top of the pipe shall be placed in maximum of 12" thick lifts

Placement and compaction of embankment shall be constructed to full width required, in sections not less than 300 feet in length or full length of the embankment.

120-9 Compaction of Embankments

Compaction of materials which will be over four (4) feet below the top of subgrades shall be compacted to 95% of the maximum density as determined by AASHTO T-180, Method D. Materials within four (4) feet of top of subgrades shall be compacted to 98% of AASHTO T-180, Method D.

Materials placed for stormwater management basin embankments shall be compacted to a minimum of 95% of maximum density as determined by AASHTO Method T-99.

120-10 Compaction of Embankments

A lift shall be considered any single layer spread and compacted, regardless of length and size prior to subsequent placement of fill material.

Upper four (4) feet of embankment including pipe trenches: Each lift shall be tested for minimum compaction required for subgrade, as specified on the plans. No less than one density verification for each 500 linear foot length of a single lift of embankment.

Embankment sections over four (4) feet in depth including pipe trenches: Material below the upper four (4) feet - a minimum of every other lift. No less than one density verification for each 500 linear feet of a tested lift.

Embankment for retention ponds: Every other 12" lift. No less than one density verification for each 500 linear foot length of a tested lift.

120-13 Method of Measurement

Delete this entire subsection with the exception of Section 120-13.3, "Borrow Excavation" and Section 120-13.6, "Subsoil Excavation." Borrow excavation shall represent all materials obtained from off-site areas necessary for construction to required line and grade. Measurements shall be by cubic yard, truck measured, delivered and placed. All other work included in this section shall be considered grading unless bid separately.

120-14 Basis of Payment

Compensation for all work required under this section, excluding borrow, shall be paid under the lump sum pay items for grading. Area noted in the plans for Subsoil Excavation shall be paid by LS; any other Subsoil Excavation required by the County shall be paid by the CY.

The following are the plan quantities and are for informational purposes only; contractor shall conduct plan take-offs to bid accordingly:

<u>Description</u>	<u>Regular Excavation (CY)</u>	<u>Embankment (CY)</u>	<u>Subsoil</u>
<u>Excavation (CY)</u>			
Roadway	6,927	6,568	0
Multi-Use Path	2,234	2,981	0

SECTION 125 EXCAVATION FOR STRUCTURES AND PIPE

Density requirements shall be in accordance with the modification provided herein for Section 120. Exceptions provided for outside of roadway embankment still apply.

SECTION 160 **STABILIZING**

LBR Stabilization: After stabilization and mixing, sample to a depth of 12" minimum for each change of subgrade material, or each section of subgrade with differing amounts of added stabilizing material. Minimum of 2 tests per mile of roadway. No less than 2 determinations shall be made per project. Verify width and depth of stabilization every 200 foot.

Density: No less than one density determination per 500 feet of subgrade or one per each section of roadway between intersections or between intersections and ends of cul-de-sac roads. Density shall be as specified on design plans, utilizing the proctor sample as modified for the LBR testing. Subgrade densities performed solely for placement of curb shall not satisfy requirements for subgrade density verification prior to base material placement. Curb densities shall be performed at the same frequency as subgrade densities. Portions of subgrade not worked as a part of overall compactive effort or sections replaced as rework or repair, shall be tested for density and bearing value prior to placement of base rock.

160-4.1.4.3.1 Under-tolerances in Bearing Value Requirements

Where plans call for a minimum LBR value, under tolerance criteria is not applicable.

SECTION 200 **ROCK BASE**

Limerock shall be constructed to specified thickness and shall be compacted to 98% AASHTO T-180. No less than one density determination per 500 linear feet of base. Minimum of one density test between intersections or intersection and end of cul-de-sac roads. A minimum of 2 densities per project shall be performed.

200-9 Calculations for Average Thickness of Base

Delete this section.

200-10 Method of Measurement

Delete this section. Quantity to be paid for will be the measured square yards of rock base with the minimum thickness, shaped to the required line, grade, and profile.

SECTION 285 **OPTIONAL BASE COURSE**

Limerock shall be constructed to specified thickness and shall be compacted to 98% AASHTO T-180. No less than one density determination per 500 linear feet of base. Minimum of one density test between intersections or intersection and end of cul-de-sac roads. A minimum of 2 densities per project shall be performed.

285-7 Calculations for Average Thickness of Base

Delete this section.

285-8 Method of Measurement

Delete this section. Quantity to be paid for will be the measured square yards of rock base with the minimum thickness, shaped to the required line, grade, and profile OR as noted in the bid tab.

SECTION 300 **PRIME AND TACK COATS FOR BASE COURSES**

300-10 Basis of Payment

Cost of priming will be included in the unit cost per square yard of limerock, asphalt base or structural asphalt. Cost of tack coats shall be included in the unit cost of asphaltic concrete to be placed.

SECTION 327 MILLING OF EXISTING ASPHALT PAVEMENT

327-1 Description

Mill material shall remain the property of Alachua County unless otherwise specified by the County Engineer in writing. This section shall include the contractor’s delivery of the milled asphalt to Alachua County Public Works Compound located at 5620 NW 120th Lane, Gainesville, FL. Delivery shall be coordinated with the County Road Superintendent and Inspector.

SECTION 330 HOT BITUMINOUS MIXTURES, GENERAL CONSTRUCTION REQUIREMENTS

The Contractor shall furnish asphaltic concrete from an FDOT certified plant. The Contractor’s quality control shall be implemented in accordance with Section 330 during the course of providing materials for the project.

SECTION 334 SUPERPAVE ASPHALT CONCRETE

Delete this section and replace with the following:

334-1 Description.

334-1.1 General

Construct a Hot Mix Asphalt (HMA) 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 a HMA mix that meets the requirements of this specification

334-1.2 Asphalt Work Mix Categories

Construction of Hot Mix Asphalt 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 HMA turn lanes, paved shoulders and other non-mainline pavement locations.

334-1.2.3 Asphalt Work Category 3: Includes the construction of new mainline HMA pavement lanes, milling and resurfacing.

334-1.3 Mix Types

Use the appropriate HMA mix as shown in Table 334-1.

Table 334-1 HMA Mix Types			
Asphalt Work Category	Mix Types	Traffic Level	ESALs (millions)
1	Type SP-9.5	A	<0.3

Table 334-1 HMA Mix Types			
Asphalt Work Category	Mix Types	Traffic Level	ESALs (millions)
2	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	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

A Type SP or FC mix one traffic level higher than the traffic level specified in the Contract may be substituted, at no additional cost (i.e., Traffic Level B may be substituted for Traffic Level A, etc.). Traffic levels are as defined in Section 334 of the Department’s Standard Specifications for Road and Bridge Construction.

334-1.4 Gradation Classification

HMA mixes are classified as either coarse or fine, depending on the overall gradation of the mixture. Coarse and fine mixes are defined in 334-3.2.2. Use only fine mixes.

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 HMA pavement will be based on a specified spread rate or plan thickness as shown in the Contract Documents. Before paving, propose a spread rate or thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan spread rate or thickness. When the total pavement thickness is specified as plan thickness, 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

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 HMA mixtures are as follows:

- Type SP-9.5, FC-9.5 ¾ – 1-1/2 inches
- Type SP-12.5, FC-12.5 1 ½ – 2-1/2 inches

334-1.5.2 Additional Requirements: The following requirements also apply to HMA 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 allowable thickness may be

reduced by ½ inch, and the maximum allowable thickness may be increased by ½ inch, unless called for differently in the Contract Documents.

334-1.6 Weight of Mixture

The weight of the mixture shall be determined as provided in 320-2.2 of the Florida Department of Transportation (FDOT) specifications.

334-2 Materials.

334-2.1 Superpave Asphalt Binder

Unless specified elsewhere in the Contract or in 334-2.3.3, use a PG 67-22 asphalt binder from the FDOT's Qualified Products List (QPL). If the Contract calls for an alternative binder, meet the requirements of FDOT Specifications Section 336 or 916, as appropriate.

334-2.2 Aggregate

Use aggregate capable of producing a quality pavement.

For Type FC mixes, use an aggregate blend that consists of crushed granite, crushed Oolitic limestone, other crushed materials (as approved by FDOT for friction courses per Rule 14-103.005, Florida Administrative Code), or a combination of the above. Crushed limestone from the Oolitic formation may be used if it contains a minimum of 12% silica material as determined by FDOT Test Method FM 5-510 and FDOT grants approval of the source prior to its use. As an exception, mixes that contain a minimum of 60% crushed granite may either contain:

1. Up to 40% fine aggregate from other sources; or,
2. A combination of up to 20% RAP and the remaining fine aggregate from other sources.

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: <ftp.dot.state.fl.us/fdot/smo/website/sources/frictioncourse.pdf>.

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, if approved by the Engineer. Usage of RAP is subject to the following requirements:

1. Limit the amount of RAP material used in the mix to a maximum of 50% by weight of total aggregate. When using a PG 76-22 (PMA), or PG 76-22 (ARB) asphalt binder, limit the amount of RAP material used in the mix to a maximum of 20% by weight of total aggregate. As an exception, amounts greater than 20% RAP by weight of total aggregate can be used if no more than 20% by weight of total asphalt binder comes from the RAP material.
2. Provide stockpiled RAP material that is reasonably consistent in characteristics and contains no aggregate particles which are soft or conglomerates of fines.
3. 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. Use a grizzly or grid over the RAP cold bin, in-line roller crusher, screen, or other suitable means to prevent oversized RAP material from showing up in the completed recycle mixture. If oversized RAP material appears in the completed recycle 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. The Engineer reserves the right to change the asphalt binder type and grade during production based on characteristics of the RAP asphalt binder.

Percent RAP	Asphalt Binder Grade
< 20	PG 67-22
20 – 29	PG 58-22
≥ 30	PG 52-28

334-3 Composition of Mixture.

334-3.1 General

Compose the asphalt mixture using a combination of aggregates, 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: The Contractor shall use a valid, currently approved FDOT Mix Design. Copies of approved mix design shall be provided by the Contractor and shall be approved by the County prior to use. Design the asphalt mixture in accordance with AASHTO R 35-09, 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.

The Engineer will consider any marked variations from original test data for a mix design or any evidence of inadequate field performance of a mix design as sufficient evidence that the properties of the mix design have changed, and at his discretion, the Engineer may no longer allow the use of the mix design.

334-3.2.2 Mixture Gradation Requirements: Combine the aggregates 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 323-12, Table 3. 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 M323-12, Table-3, as well as the Primary Control Sieve (PCS) Control Point from AASHTO M323-12, Table 4. Fine mixes are defined as having a gradation that passes above or through the primary control sieve control point. Use only fine mixes.

334-3.2.3 Gyratory Compaction: Compact the design mixture in accordance with AASHTO T312-12 with the following exceptions: use the number of gyrations at N_{design} as shown in Table 334-3.

Traffic Level	N_{design} Number of Gyrations
A	50
B	65
C	75

334-3.2.4 Design Criteria: Meet the requirements for nominal maximum aggregate size as defined in AASHTO M323-12, as well as for relative density, VMA, VFA, and dust-to-binder ratio as specified in AASHTO M323-12, Table 6. N_{initial} and N_{maximum} requirements are not applicable.

334-3.2.5 Moisture Susceptibility: Test 4-inch specimens in accordance with FM 1-T 283.

Provide a mixture having a retained tensile strength ratio of at least 0.80 and a minimum tensile strength (unconditioned) of 100 psi. If necessary, add a liquid anti-stripping agent from the FDOT's Qualified Products List or hydrated lime in order to meet these criteria.

In lieu of moisture susceptibility testing, add a liquid anti-stripping agent from the FDOT's Qualified Products List. Add 0.5% liquid anti-stripping agent by weight of binder.

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 FDOT 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.
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 at which the mixture is to be discharged from the plant and a target roadway temperature. Do not exceed a target temperature of 330°F for modified asphalts and 315°F for unmodified asphalts.
9. Provide the physical properties achieved at four different asphalt binder contents. One shall be at the optimum asphalt content and must conform to all specified physical requirements.
10. The name of the mix designer.
11. The ignition oven calibration factor.

334-4 Process Control

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 to control the process.

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 paving operations.

334-5.2 Limitations of Paving Operations

334-5.2.1 General: Spread 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, with acceptable spread rate, is properly broken.

334-5.2.2 Air Temperature: Spread the mixture only when the air temperature in the shade and away from artificial heat meets the requirements of Table 334-4.

Layer Thickness or Asphalt Binder Type	Minimum Temperature (°F)
≤1 inch	50
Any mixture > 1 inch containing a PG asphalt	45

Layer Thickness or Asphalt Binder Type	Minimum Temperature (°F)
binder with a high temperature designation \geq 76°C	
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation < 76°C	40

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.

334-5.4 Transportation of the Mixture

Transport the mix 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 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 Preparation of Surfaces Prior to Paving

334-5.5.1 Cleaning: Clean the surface 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 the rate of application to be within plus or minus 0.01 gal. per square yard of the target application rate. The target application rate may be adjusted by the Engineer to meet specific field conditions. Determine the rate of application as needed to control the operation. When using PG 52-28, multiply the target rate of application by 0.6.

Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd ²)
Base Course, Structural Course, Dense Graded Friction Course	Newly Constructed Asphalt Layers	0.03 minimum
	Milled Surface or Oxidized and Cracked Pavement	0.06
	Concrete Pavement	0.08
Open Graded Friction Course	Newly Constructed Asphalt Layers	0.05
	Milled Surface	0.07

334-5.6 Placing Mixture

334-5.6.1 Alignment of Edges: With the exception of pavements placed adjacent to curb

and gutter or other true edges, place all pavements by the stringline method to obtain an accurate, uniform alignment of the pavement edge. Control the unsupported pavement edge to ensure that it will not deviate more than plus or minus 1.5 inches from the stringline.

334-5.6.2 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 and 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.

334-5.6.3 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.

334-5.6.4 Hand Spreading: In limited areas where the use of the spreader is impossible or impracticable, spread and finish the mixture by hand.

334-5.6.5 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.

334-5.6.6 Thickness Control: Ensure the spread rate is within 10% of the target spread rate, as indicated in the Contract. When calculating the spread rate, use, at a minimum, an average of five truckloads of mix. When the average spread rate is beyond plus or minus 10% of the target spread rate, monitor the thickness of the pavement layer closely and adjust the construction operations.

If the Contractor fails to maintain an average spread rate within plus or minus 10% of the target spread rate for two consecutive days, the Engineer may elect to stop the construction operation at any time until the issue is resolved.

When the average spread rate for the total structural or friction course pavement thickness exceeds the target spread rate by ± 50 lbs per sy for layers ≥ 2.5 inches or exceeds the target spread rate by ± 25 lbs per sy for layers < 2.5 inches, address the unacceptable pavement in accordance with 334-5.10.4, unless an alternative approach is agreed upon by the Engineer.

334-5.6.7 Material Transfer Vehicle: For all final surfaces courses the contractor shall utilize a remixing material transfer vehicle (example: Roadtec MTV1000 or Terex CR662RM) to allow for continuous paving and remixing of asphalt materials.

334-5.7 Leveling Courses

334-5.7.1 Patching Depressions: Before spreading any leveling course, fill all depressions in the existing surface as shown in the plans.

334-5.7.2 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.

334-5.7.3 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.

334-5.8 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 coverage 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.

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.

334-5.9 Joints

334-5.9.1 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 meeting the requirements of FDOT Test Method FM 5-509. These requirements are waived for transverse joints at the beginning and end of the project and at the beginning and end of bridge 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.

334-5.9.2 Longitudinal Joints: For all layers of pavement except the leveling course, place each layer so that longitudinal construction joints are offset 6 to 12 inches laterally between successive layers. Do not construct longitudinal joints in the wheel paths. The Engineer may waive these requirements where offsetting is not feasible due to the sequence of construction.

334-5.10 Surface Requirements

Construct a smooth pavement with good surface texture and the proper cross slope.

334-5.10.1 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 334-5.10.4.

In areas not defined to be a density testing exception per 334-6.4.1, obtain for the Engineer, three 6-inch diameter roadway cores at locations visually identified by the Engineer to be segregated. The Engineer will determine the density of each core in accordance with FDOT Test Method FM 1-T 166 and calculate the percent G_{mm} of the segregated area using the average G_{mb} of the roadway cores and the representative PC G_{mm} for the questionable material. If the average percent G_{mm} is less than 90.0, address the segregated area in accordance with 334-5.10.4.

334-5.10.2 Cross Slope: Construct a pavement surface with cross slopes in compliance with the requirements of the Contract Documents.

334-5.10.3 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.

334-5.10.3.1 Straightedge Testing:

334-5.10.3.1.1 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.

334-5.10.3.1.2 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.

334-5.10.3.1.3 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. In the event the Engineer identifies a surface irregularity in the above areas that is determined to be objectionable, straightedge and address all deficiencies in excess of 3/8 inch in accordance with 334-5.10.4.

334-5.10.4 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 of the defective area for the full width of the paving lane, at no additional cost. Alternatively, the engineer reserves the right to accept the deficient area at no pay or reduced pay.

334-6 Acceptance of the Mixture

334-6.1 General

Contractor Quality Control test results may be verified by the County by separate sample.

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 334-6.2.
2. Asphalt Work Category 2 – Certification and process control testing by the Contractor as defined in 334-6.3
3. Asphalt Work Category 3 – Process control testing by the Contractor and acceptance testing by the Engineer as defined in 334-6.4.

334-6.2 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.

334-6.3 Certification and Process Control Testing by the Contractor & County

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. **The contractor shall provide this information package within 5 (five) business days; if the package is not received within this time period, 10% of the asphalt placed shall not be paid for each and every calendar day the package is not submitted as liquidated damages.** 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 County, or performing an Engineering analysis to determine the final disposition of the material. .

334-6.3.1 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 (P₈ and P₂₀₀) and asphalt binder content (P_b). The County shall 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. The Contractor shall be responsible for the cutting 6-inch diameter cores and providing them to the County.

Determine the asphalt binder content of the mixture in accordance with FDOT Method

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 334-6.4.1. 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 2.00
Roadway Density (daily average)	Minimum 91.5% of Gmm
Roadway Density (any single core)	Minimum 88% of Gmm

334-6.4 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 ($P_{.8}$ 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 334-6.3.1. The Engineer will randomly obtain at least one set of samples per project; however, the engineer may randomly obtain samples as his discretion. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-4. 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 County, or performing an Engineering analysis to determine the final disposition of the material.

334-6.4.1 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, variable thickness overbuild courses, leveling courses, any asphalt layer placed on subgrade (regardless of type), miscellaneous asphalt pavement, bike/shared use paths, crossovers, or any course with a specified thickness less than 1 inch or a specified spread rate less than 100 lbs per square yard. Density testing for acceptance will not be performed on asphalt courses placed on bridge decks or approach slabs. In addition, density testing for acceptance will not be performed on the following areas when they are less than 1,000 feet continuous in length: turning lanes, acceleration lanes, deceleration lanes, shoulders, parallel parking lanes, or ramps. 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. 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.

334-7 Method of Measurement

For the work specified under this Section, the quantity to be paid for the area placed and accepted in square yards or will be the weight of the mixture, in tons. No compensation is provided for asphalt beyond the specified thickness. Areas below the specified thickness shall be corrected at no cost to the County.

The bid price for the asphalt mix will include the cost of the liquid asphalt or the asphalt recycling agent and the tack coat application as specified in 334-5.5.4. There will be no separate payment for the asphalt or unit price adjustment for binder material in the asphalt mix.

334-8 Basis of Payment

334-8.1 General

Price and payment will be full compensation for all the work specified under this Section (including the applicable requirements of Sections 320 and 330). No composite pay factor will be paid.

SECTION 337 ASPHALT CONCRETE FRICTION COURSES

337-2.2 Asphalt Binder

Use a PG 76-22 asphalt binder meeting the requirements of 916-1.

337-6.1 FC-9.5 and FC-12.5

Mixture acceptance shall meet the requirements of 334-6.

337-7.8 Material Transfer Vehicle

The contractor shall utilize a remixing material transfer vehicle (example: Roadtec MTV1000 or Terex CR662RM) to allow for continuous paving and remixing or asphalt materials.

337-12 Basis of Payment

337-12.1 General

No composite pay factor will be paid. Material acceptance shall meet the requirements of 334-6.

SECTION 346 PORTLAND CEMENT CONCRETE

Mix designs may be utilized that have current approval by FDOT for use in the appropriate application for the appropriate class of concrete. Copies of approved concrete mix design shall be provided by the Contractor and shall be approved by the County prior to use.

SECTION 347 PORTLAND CEMENT CONCRETE – CLASS I (NONSTRUCTURAL)

Delete current specification and insert 2004 specification as amended below:

347-1 Description:

The requirements of this Section are applicable to concrete designated as Class I (Nonstructural), hereinafter referred to as concrete. Use concrete composed of a mixture of portland cement, aggregates, and water, with or without chemical admixtures, slag, or pozzolanic materials. Deliver concrete to placement site in a freshly mixed, unhardened state. Ensure the concrete is placed and cured in a manner to ensure that the strength and durability of the concrete is maintained.

347-2 Materials

347-2.1 General: Certify that all materials used in concrete are from FDOT approved sources, and free from frozen or other detrimental matter. Meet the following requirements:

- (a) Portland Cement Section 921
- (b) Fine Aggregate.....Section 902
- (c) Coarse Aggregate Section 901
- (d) Water.....Section 923
- (e) Chemical Admixtures.....Section 924
- (f) Pozzolans and Slag Section 929

347-2.2 Admixture Requirements: Chemical admixtures may be added at the dosage rates recommended by the manufacturer.

347-2.3 Substitution of Materials: Approved material sources may be substituted for similar materials indicated on the originally approved mix design. Use originally approved mix components and proportions, when unsatisfactory test results are obtained from the use of the substituted material(s).

347-2.4 Material Storage: Use a concrete production facility that meets the following requirements:

347-2.4.1 Cementitious Materials Storage: Provide a separate and clearly labeled weatherproof facility to store each brand or type of cementitious material without mixing or contamination. Provide a suitable, safe and convenient means of collecting cementitious material samples at each storage facility.

347-2.4.2 Aggregate Storage: Provide suitable bins, stockpiles or silos to store and identify aggregates without mixing, segregating or contaminating different grades or types of materials. Identify Department approved pit number and aggregate type/gradation. Handle the aggregates in a manner to minimize segregation and meet the specification requirements when recovered from storage. Continuously and uniformly sprinkle coarse aggregate with water, for 24 hours preceding introduction into the concrete mix. Maintain stored aggregates in a well-drained condition to minimize free water content. Provide access for the Engineer to sample the aggregates from the recovery side of the storage facility.

347-3 Production, Mixing and Delivery.

347-3.1 Concrete Production Requirements: Deliver concrete from a production facility that is certified by the National Ready-Mixed Concrete Association (NRMCA) or approved by FDOT and on the FDOT's approved plant list. Produce concrete utilizing equipment that is in good operating condition and operated in a manner to ensure a consistent product. Within two hours prior to each day's batching, ensure that the concrete production facility determines the free moisture for the coarse and fine aggregates. On concrete placements expected to exceed three hours, perform an additional moisture test approximately halfway through the batching operations and adjust batch proportions accordingly.

Ensure that the calibration of the measuring devices of the concrete production facilities meets the requirements of Chapter 531 of the Florida Statutes. At least quarterly, ensure that all scales, meters and other weighing or measuring devices are checked for accuracy by a qualified representative of a scale company registered with the Bureau of Weights and Measures of the Florida Department of Agriculture. Have the accuracy of admixture measuring dispensers certified annually by the admixture supplier.

When Volumetric Mixers are used, deliver concrete in accordance with the requirements of Volumetric Mixer Manufacturers Bureau (VMMB) and ensure that the vehicle has a VMMB registered rating plate.

Substitution of structural concrete in lieu of non-structural concrete may be used if approved by the Engineer. If structural concrete is used in lieu of non-structural concrete, obtain the concrete from a production facility meeting the requirements of Section 346. Acceptance is based on the requirements of Section 347.

347-3.2 Mixers: Ensure that mixers are capable of combining the components of concrete into a thoroughly mixed and uniform mass, free from balls or lumps of cementitious materials, and capable of discharging the concrete uniformly. Operate concrete mixers at speeds per the manufacturer's

design. Do not exceed the manufacturer's rated capacity for the volume of mixed concrete in the mixer, mixing drum, or container.

347-3.3 Delivery: The maximum allowable mixing and agitation time of concrete is 120 minutes. Water may be added at the job site before discharging concrete, provide the ratio values for water to cementitious materials and slump remain below the maximum allowable values specified in the approved mix design.

347-4 Control of Quality.

347-4.1 Concrete Mix Design: Before producing any concrete, submit the proposed mix design to the Engineer on a form provided by FDOT. Use only concrete mix designs meeting the following requirements and having prior approval of the Engineer.

Maximum water to cementitious materials ratio	0.55 lbs/lbs
Minimum 28-Day Compressive Strength	2,500 psi
Minimum Cementitious Materials Content	470 lbs/yd ³
Slump	0 to 6 inches

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 and substituted material on the Department concrete delivery ticket. The Engineer may disqualify any concrete production facility for non-compliance with Specification requirements.

347-4.2 Sampling and Testing: The Engineer may sample and test the concrete at his discretion to verify its quality.

347-4.3 Records: Maintain the following records for review for at least three years:

1. Approved concrete mix designs.
2. Materials source (delivery tickets, certifications, certified mill test reports).
3. A copy of the scale company or testing agency report showing the observed deviations from quantities checked during calibration of the scales and meters.
4. A copy of the documentation certifying the admixture weighing/measuring devices.
5. Recent NRMCA, VMMA or FDOT inspection records certifying plant can produce concrete and documentation showing that action has been taken to correct deficiencies noted during the inspections.

347-5 Certification and Acceptance.

347-5.1 General: Furnish a Delivery Ticket with each batch of concrete before unloading at the placement site. The County will provide the Delivery Ticket Form. The concrete producer may use an alternate form provided that it contains the required information. Record material quantities incorporated into the mix on the Delivery Ticket. Ensure that the Batchers responsible for production of the concrete, certifying that the batch was produced in accordance with specification requirements, signs the Delivery Ticket. Sign the Delivery Ticket certifying that the maximum specified water to cementitious materials ratio was not exceeded due to any jobsite adjustments to the batch, and that the batch was delivered and placed in accordance with specification requirements.

Acceptance by the County will be by Certification on the Delivery Ticket, as described herein, by the Batchers and the Contractor.

The Engineer will hold the Contractor responsible for rejecting loads of concrete that do not meet the minimum compressive strength requirements. Delineate and replace, at no cost to the County, all concrete that does not meet the 28-day compressive strength requirements or has any cracking greater than 1/4 inch in width or 1/4 inch in vertical displacement. Any spalling or flaking off of the surface layer that exposes the rough, pitted aggregate surface in excess of 10 square inches is to be removed and replaced in accordance with 347-5.2. Sidewalk, ditch pavement, slope pavement,

Traffic Separator, or curb and gutter having any intersecting cracks visible in the dry concrete (regardless of size) will be removed and replaced in accordance with 347-5.2.

If any uncontrolled cracks appear during the life of the Contract unacceptable to the Engineer, remove and replace the concrete in accordance with 347-5.2 at no expense to the County.

347-5.2 Remedial Action: Remedial action will be the removal and replacement of all concrete to the full depth and width. Sidewalk, Curb and Gutter, Ditch Pavement and Traffic Separator: Begin saw cutting 2 1/2 feet either side or above and below the crack or at the nearest joint, remove and replace the 5-foot section encompassing the crack.

Slope Pavement: Saw cut each scored joint above and below the crack and replace the entire section.

SECTION 400 **CONCRETE STRUCTURES**

400-1 Description:

This section shall include over-excavation and backfilling of materials as required by the detail noted in the plans and shall include the foundation preparation requirements per 400-011(Section 455 – D. Spread Footings for the construction of gravity walls including all dewatering requirements.

400-23 Basis of Payment:

Price and payment for all work included in this section shall be included in the unit cost of concrete for each of the various classes unless bid separately.

SECTION 425 **INLETS, MANHOLES AND JUNCTION BOXES**

The rear wall portion of inlet tops Type 1, 2, 3 and 4 may be brick, however, dowels to the top slab are required. Dowels shall be double row, as close to 9 inches on center as brick structure and pattern will allow.

For Type 5 and 6 inlets, the bent bar from the inlet back, continuous into the inlet top, may be constructed as a dowel of equal length to the front bar in the inlet back wall.

All inlet throat, invert, pipe cutting, and grout work shall be completed prior to inlet top construction. Inlet top construction shall be completed prior to placement of asphalt.

425-8 Basis of Payment:

This section shall include all work and materials required to place, adjust and connect structures to pipes in-place as required by the plans.

SECTION 430 **PIPE CULVERTS**

This section includes all pipe, grates (when required), fasteners, reinforcement, connectors, anchors, concrete, sealants, jackets, coupling bands, and all work required to install the pipe and end treatments.

430-3 Type of Pipe to be Used

The pipe shall be concrete or suitable equivalent approved by the County Engineer unless otherwise specified in the plans.

430-11.1 New Pipe Installed by Excavation or Trenching

Quantities of pipe to be paid shall be as measured, in-place and accepted. Cost of pipe shall include

any additional base material required to meet minimum cover requirements.

SECTION 440 **UNDERDRAINS**

Underdrain pipe shall be 6" schedule 40 PVC and this section shall include flush mounted cleanout structures at each end of pipe run and every 250 ft.

SECTION 522 **CONCRETE SIDEWALK AND DRIVEWAYS**

Any and all final sidewalk in excess of a 2% cross slope, regardless of any interim phase inspection acceptance, shall be replaced at the contractor's expense. No tolerance in excess of 2% will be accepted.

All ADA ramps shall be constructed with 6" thick concrete. All 6" thick concrete (ramps, driveways, turnouts, etc.) shall require 6x6 WWM or 1.5 lbs polypropylene fiber mesh per CY.

SECTION 523 **PATTERNED PAVEMENT**

523-2 Materials

Use only FrictionPave Decorative Surfacing or TrafficPatterns on the Approved Products List.

SECTION 527 **DETECTABLE WARNINGS**

527-2 Materials

Detectable warning surfaces outside of FDOT right-of-way shall be clay or concrete red brick or a cast-in place or wet set tile on the FDOT APL list in red color. No post-applied materials are acceptable.

527-4 Method of Measurement

Detectable warning surfaces placed in newly constructed sidewalk/curb ramps outside of FDOT right-of-way will be paid by the square foot furnished, installed and accepted.

527-5 Basis of Payment

Pay Item – Detectable Warning Surface – SF

SECTION 528 **GUARDRAIL**

536-6 Basis of Payment

Shop bent panel and any special guardrail post required shall be included in the cost of the basic guardrail item unless items are bid separately.

SECTION 570 **PERFORMANCE TURF**

570-3.2 Seeding

The contractor shall furnish to the County Inspector, prior to placement of any seed, a certification from the Florida Department of Agriculture and Consumer Services Division of Plant Industries, stating that the seed is free of noxious weeds, including tropical soda apple. All seed materials shall be subject to inspection by the County Inspector prior to placement. Any sod with noxious weeds and grasses, including tropical soda apple, shall be rejected for use on the project.

570-3.3 Sod

Any portion of the existing right-of-way, including all easements, that is disturbed outside the limits of construction shall be sodded at the contractor's expense as directed by the County Inspector. The contractor shall furnish to the County Inspector, prior to placement of any sod, a certification from the Florida Department of Agriculture and Consumer Services Division of Plant Industries, stating that the sod is free of noxious weeds, including tropical soda apple. All sod materials shall be subject to inspection by the County Inspector prior to placement. Any sod with noxious weeds and grasses, including tropical soda apple, shall be rejected for use on the project.

Contractor may elect to use hydroseed in lieu of sod. Contractor shall be responsible to maintain erosion control on areas that are stabilized with hydroseed. The County shall not make payment for redressing of areas the contractor elects to place hydroseed due to erosion.

570-9 Basis of Payment

Payment for fertilizer, seed, and mulch will be by a single pay item for "seed and mulch." Applications of all items will be to appropriate standards applicable for the season. Cost of netting or soil to hold mulch on 3:1 or greater slopes shall be included in the bid item unit cost.

SECTION 580 **LANDSCAPING**

580-1 Description.

Furnish, install, establish and maintain landscaping as indicated in the Contract Documents.

The allowable Contract Time is two separate phases called Installation Period and Establishment Period. The Installation Period precedes the Establishment Period and is the allowable Contract Time minus the one-year Establishment Period.

Failure to complete the installation and establishment of the landscaping within allowable Contract Time will result in liquidated damages being assessed and withheld in accordance with the agreement and as contained in this section.

The one-year Establishment Period will begin when plants have been installed and accepted by the Engineer regardless of the duration of the time used for the Installation Period.

580-2 Materials.

580-2.1. Grade Standards and Conformity with Type and Species: Only use plant materials purchased from Florida commercial nursery stock that comply with all required inspection, grading standards, and plant regulations in accordance with the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants."

Unless otherwise specified, minimum grade for all plants is Florida No. 1. All plants must be the specified size and grade at the time of delivery to the site.

Use only plants that are true to type and species, free of fungal infection and disease, and ensure that the plants not specifically covered by Florida Department of Agriculture's "Grades and Standards for Nursery Plants" conform in type and species with the standards and designations in general acceptance by Florida nurseries. Submit a list of nurseries where plants are tagged, including contact information and location. The Engineer and Contractor may visit the nursery sites to inspect representative samples of plant material and lock tag the example plants. Prior to planting, provide the Engineer with a certification from the supplying nursery that all plant materials have been purchased from Florida commercial nursery stock.

A minimum of two plants of each species on each shipment must be shipped with tags stating the botanical nomenclature and common name of the plant. Should discrepancies arise between botanical nomenclature and common name, the botanical name will take precedence.

Root Ball Sizes for Field Grown Palms			
Palm Type	Overall, Height	Root Ball Radius from Trunk	Root Ball Depth
Sabal Palm*	N/A	Per Florida Grades & Standards	Per Florida Grades & Standards
Coconut Palm	N/A	Per Florida Grades & Standards	Per Florida Grades & Standards
Queen Palm	N/A	24"	24"
All Other Field Grown Palms	< 15' OA	12"	18"
	15' – 25' OA	16"	24"
	26' – 30' OA	18"	30"
	30'	24"	36"
<p>* Sabal palms (Sabal palmetto) specified as being “Regenerated Palms” as shown on the Plant Schedules shall be minimum Florida no. 1 grade unless noted otherwise. The root ball width shall be, at a minimum, equal to twice the diameter of the trunk as measured at the base. The root balls shall have new, regenerated, round-tipped roots that have emerged from the root initiation zone. Roots shall be whitish yellow in color, have tapered ends and be present on all sides of the root ball.</p> <p>To qualify as “Regenerate Palms,” sabal palms shall have been placed in containers or be contained within “plastic fabric or film material,” or approved equal, after field harvesting and during the root regeneration period. They shall have a minimum of three fully expanded new fronds that have not been pruned. Fully expanded new fronds shall meet the minimum requirements to be considered “excellent leaves,” as defined by the glossary of terms in the latest edition of the Florida Department of Agriculture and Consumer Services Grades and Standards for Nursery Plants – Palms and Cycads.</p>			

580-2.2 Inspection and Transporting: Move nursery stock in accordance with all Federal and State regulations and accompany each shipment with the required inspection certificates. Submit inspection certificates to the Engineer.

580-2.3 Water: Meet the requirements of Section 983.

580-2.4 Mulch: Use of cypress mulch is prohibited.

580-2.5 Soil: Remove all unsuitable soil and debris to root ball depth. Replace soil meeting the requirements of Section 987.

580-3 Installation.

580-3.1 (Reserved)

580-3.2 Delivery: All plant materials must be available for inspection prior to planting.

580-3.3 Layout: The location of plants as shown in the Contract document, are approximate. At no cost, the Department adjust final locations when directed by the Engineer to accommodate unforeseen field conditions or to comply with safety setbacks and requirements.

Prior to commencing any excavation or planting, mark proposed mowing limits, planting beds and individual locations of trees and palms as shown in the Contract Documents. Notify the Engineer when marking is complete.

Make no changes to the layout, materials or any variations of plant materials from the Contract Documents without the Engineer’s written approval.

580-3.4 Soil Drainage: All planting holes and beds must drain sufficiently prior to installing any plants. Immediately notify the Engineer of drainage or percolation problems before plant installation.

580-3.5 Planting: Meet the requirements of the Contract Documents.

580-3.6 Repair and Restoration: Repair and restore existing areas disturbed by installation, establishment or maintenance activities. Where new turf is required to restore and repair disturbed areas, meet the requirements of Section 570.

580-3.7 Disposal of Debris: Remove and dispose of all debris and excess material generated from the installation of plants at the end of each day's work and in compliance with all Federal, State and Local laws and ordinances.

580-3.8 Reporting: Certify monthly on a form provided by the Department, "Landscape Monthly Inspection Form" that the plants have been installed and are being established and maintained in accordance with the Contract Documents.

580-3.9 Establishment Plan: Not less than 45 days prior to the scheduled completion of the installation, submit an Establishment Plan to the Engineer for review and comment. Installation will be considered complete only when the Establishment Plan has been accepted by the Engineer. Specifically describe the methods, activities, materials and schedule to achieve establishment and inspection of plants and incidental landscaping as described in 580-4. Acceptance of the Establishment Plan is not a release from responsibility for the overall establishment and maintenance of the landscape area as required in the Contract Documents. Perform any ancillary activities that may be required to adequately establish and maintain the plants and landscape area.

580-3.10 Installation Completion: To allow time for scheduling inspection of installation, provide the Engineer with no less than seven calendar days advance notice of completion of installation of all plants. Upon completion of installation of plants and incidental landscaping, certify on a form provided by the Department, "Contractor Certification of Installation" that the landscaping has been installed and is being established in accordance with the Contract Documents.

580-4 Establishment.

580-4.1 Establishment Period: The establishment period is defined as the entire one year after installation of all plants and incidental landscaping. The establishment period will begin upon acceptance by the Engineer of the Establishment Plan and the complete installation of the landscaping.

During the establishment period:

Keep all plants watered, fertilized, mulched, pruned, and staked and guyed as necessary to assure specified minimum grade of Florida No. 1 throughout the duration of the project construction period and establishment period.

Keep all plants pruned to maintain plant health, clear visibility of signs, traffic signals, safe sight distance at intersections and driveways, safe and operational horizontal and vertical clearance from roadways, sidewalks, utilities, light poles, traffic control signals and devices, toll equipment and facilities, mechanical equipment, fences, walls and drainage structures, and to provide unobstructed access. Pruning shall conform to ANSI A300 Part 1 Standards. Pruning shall be performed by an International Society of Arboriculture (ISA) Certified Arborist or person with documentation of equivalent or greater expertise. Prior to performing pruning activities, provide proof of the individual's active arborist certification or other credential to the Engineer for approval.

Keep the landscape areas as defined in the plans, including individual plant locations and planting beds, free of litter, debris, excess material and undesirable vegetation.

Keep landscape bed edges correctly located and trimmed, and the mulch groomed and

replenished as specified in the Contract Documents.

Operate and maintain all components of any irrigation system when installed as part of the Contract.

Remove staking and guying from all fully established plants unless otherwise directed by the Engineer.

Continue any mowing and litter pick up of the turf areas as depicted and specified in the Contract Documents.

580-4.2 Inspection and Reporting Requirements: During the establishment period, inspect and certify monthly on the Department's "Landscape Monthly Inspection Form" that the landscaping is being established per the Contract Documents.

During the establishment period, the Engineer will perform quarterly inspections to verify that the landscaping is being established per the Contract Documents.

580-5 Remedial Work.

Perform all necessary remedial work at no cost to the Department. Use replacement plants of the same species and planting medium as the plant being replaced and as specified in the Contract Documents. Replacement plant size must match the size of the adjacent grown-in plants of the same species and variety which may be larger than the initially installed size.

During the establishment period, the establishment time for replacement plants shall be the remaining establishment period or 90 days after date of replacement installation acceptance, whichever is greater.

Approval of remedial work does not relieve the Contractor from continuing responsibility under the provisions of this Section. At the end of the contract period when all contract requirements are met, the Engineer will release the Contractor from further remedial work.

580-6 Failure to Perform.

Upon receipt of the monthly inspection form or after inspection by the Engineer, a daily deduction of 0.274% per calendar day of the remaining establishment amount in 580-8.2 will be assessed and forfeited if full compliance with 580-4 is not achieved. The daily deduction will continue until full compliance is achieved to the Engineer's satisfaction.

Should the Contractor fail to timely and satisfactorily perform any remedial work associated with landscaping during the establishment period, the Department will reduce the payments scheduled during the establishment period by a deduction of 0.274% per calendar day of the remaining establishment amount in 580-8.2.

580-7 Method of Measurement.

580-8.1 Installation: The quantity to be paid will be the quantity of plants or trees installed.

580-8.2 Establishment: The quantity to be paid will be in equal monthly payments for plants or trees maintained during the establishment period.

580-8 Basis of Payment.

Price and payment will be full compensation for all work and materials specified in this Section including all ancillary work and materials necessary to meet the contract requirements. .

580-8.1 Payment during the Installation Period: Seventy-six percent of the bid amount will be paid

during the installation period for work completed and accepted.

580-8.2 Payment during the Establishment Period: Up to twenty-four percent of the total contract amount will be paid in accordance with 580-7 during the establishment period Payment during the establishment period will be made in 12 equal monthly payments, less any deductions assessed in accordance with 580-6.

SECTION 660 **VEHICLE DETECTION SYSTEM**

All loops shall be 30 ft in length unless otherwise noted in the plans.

SECTION 665 **PEDESTRIAN DETECTOR SYSTEM**

All detectors shall be Pelco Model SP-1090-FL unless otherwise noted in the plans.

SECTION 690 **REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

Add 2013 Specification with the following addition as follows.

690-1 Description.

Remove existing traffic control signals and devices including electrical and electronic equipment, supporting hardware and structures, electrical wiring, conduit, and all other elements specified and required to clear the areas of concern for new installations.

When removing existing traffic signals and devices, salvage and protect all equipment and materials designated for removal in the Contract Documents.

690-2 Ownership.

The County retains ownership of the equipment removed unless otherwise stated in the plans. This section shall include the delivery of the equipment to the Alachua County Public Works Compound at 5620 NW 120th Lane or the City of Gainesville Public Works Compound at 405 NW 39th Avenue at the County's discretion. Delivery shall be coordinated with the County Inspector.

690-3 General Removal Operations.

Remove and salvage all equipment, appurtenances, and materials designated in the Plans to remain the property of the County or other owner.

Where the removals require excavation, backfill, compact, and level the excavated areas (unless to be used as areas for other installations) so as to form a smooth contour, uniform in density with adjacent ground areas.

Where the removal operations require the removal or disturbance of overlying pavement, curb, grass, or sidewalk, remove such pavement and subsequently replace it in kind (or equivalent).

Remove, handle, and transport electronic equipment to be removed with all due care. Correct any damage to such equipment caused by negligence at no expense to the County regardless of whether the damage occurs before or after removal of the equipment.

When removing all electronic equipment, also remove all attaching devices and all other devices and auxiliaries related to the electronic unit which the County does not require to remain in place for use with replacing equipment.

Perform all removals in such a manner as to not damage or disturb adjacent property, utilities, or

other equipment.

When replacing existing functioning installations with new installations, do not remove the existing installations until the new installations are in place and operating or until temporary traffic control approved by the Engineer is in place.

Notify the proper authorities or the owners of affected adjacent installations at least 24 hours in advance of any removal operations which might endanger or otherwise affect the operations of their facilities.

When the Contract Documents indicate that owners (or others) will remove their own poles, carefully remove and handle all equipment from such poles prior to such removal of the poles.

690-4 Specific Removal Operations.

690-4.1 Removal of Poles: Remove direct burial, strain poles, steel strain poles, mast arm and monotube assemblies and associated foundations as specified in the Plans. Obtain the Engineer's approval for the removal process before beginning any removal work. These requirements do not apply to poles used for highway lighting, unless they are jointly used to support traffic control signals and devices, signal mast arm, or span wire assemblies.

Accomplish the removal process of each pole/foundation in such a manner as not to result in a safety hazard to motorists or adjacent property or damage to existing utilities. Ensure that all utilities have been located prior to removal.

When shallow pole removal is specified in the Plans, ensure the remaining pole/foundation and any protrusions, such as pole keys, dead men, guying apparatus, conduit, anchor bolts, or reinforcing steel, are removed to a minimum depth of 4 feet below existing grade.

When deep pole removal is specified in the Plans completely remove each pole including the foundation and all accessories or attachments, such as pole keys, dead men, guying apparatus, conduit, anchor bolts, and reinforcing steel.

Do not remove or disturb utility poles located within the right-of-way.

690-4.2 Removal of Signal Pedestal: Remove each signal pedestal and associated foundations as specified in the Plans. Obtain the Engineer's approval for the removal process before beginning any removal work.

Accomplish the removal process of each pedestal/foundation in such a manner as not to result in a safety hazard to motorists, pedestrians or adjacent property or damage to existing utilities. Ensure that all utilities have been located prior to removal.

Completely remove each pedestal including the foundation and all accessories or attachments, such as pole keys, conduit, anchor bolts, and reinforcing steel.

690-4.3 Removal of Controllers and Cabinets: When removing controller assemblies, also remove the cabinet. For base mounted cabinets, completely remove the concrete base and technician pad.

Prior to removal, conduct an inventory of the cabinet and all cabinet contents, including identification of the model number and serial numbers of each item. Submit the inventory list to the Engineer for retention by the Department and provide a copy of the list to the equipment owner.

690-4.4 Removal of Signal Heads (Vehicular and Pedestrian): Remove all signal head assemblies and attachment hardware in such a manner as to avoid unnecessary damage.

690-4.5 Removal of Detectors (Vehicular and Pedestrian): Divide the removal of detector assemblies into the following categories:

(a) Vehicular detector assemblies: When the removal of vehicular detector assemblies is specified in the Contract Documents, remove the amplifier from the controller cabinet, the loop, and the lead-in wiring that is in the conduit and pull boxes.

When removing pressure type vehicular detector assemblies, remove the amplifier and the detector pad and its framework from the roadway pavement. After removing such detector assemblies, repair the roadway areas by backfilling and tamping with an approved asphalt concrete mix or concrete pavement mix so as to restore the roadway to the satisfaction of the Engineer.

When removing non-intrusive detectors that are not embedded in or under pavement, remove the roadside detector assembly, cabling, mounting hardware, and detector electronics in cabinet.

(b) Pedestrian detector assemblies: Include in the removal of pedestrian detector assemblies the removal of the push button detector, sign, and all mounting hardware, including the supporting post and foundation.

690-4.6 Removal of Mast Arms and Span Wires: Disconnect the mast arms and span wires carefully at the pole and salvage all usable hardware and attachment devices as determined by the Engineer. Remove all devices supported by the mast arm or span wire (including wiring) prior to the removal of the mast arm or span wire.

For integrally installed mast arms and mast arm poles, remove the pole and mast arm combination as a unit after removing the devices supported by the mast arms.

690-4.7 Removal of Cabling and Conduit: After removing the conductor cable and conduit, carefully stub, or protect with other appropriate procedures, the remaining conductor cable and conduit at the point of removal.

If the removal of any cables and conduit requires excavation, restore disturbed areas compatible with adjacent ground areas.

690-5 Transporting and Storing Removed Equipment.

When the Contract Documents specify special handling, deliver equipment and materials that are not stipulated to be reused in the new installations to the locations designated in the Contract. When the Contract Documents note no special handling, stockpile or dispose of the removed materials as approved by the Engineer. The Engineer will determine ownership of removed equipment and will approve of the removal of any salvaged equipment from the project in advance.

Provide disposal areas and dispose of removed concrete strain poles in such areas.

690-6 Method of Measurement.

690-6.1 General: The quantities to be paid for will be measured in accordance with the different work tasks required in this Section. The Contract unit price for each different work task as specified in the Contract Documents will include all labor and equipment required to remove the specified items specified by the pay item numbers.

690-6.2 Remove Poles:

690-6.2.1 Pole Removal Shallow: The quantity to be paid for will be the removal of each pole including the foundation and all accessories or attachments to a depth not less than 4 feet below existing grade.

690-6.2.2 Pole Removal Deep: The quantity to be paid for will be the complete removal of the pole and foundation including all accessories or attachments.

690-6.3 Remove Signal Pedestal: The quantity to be paid for will be the complete removal of each pedestal including the foundation and all accessories or attachments.

690-7 Basis of Payment.

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

SECTION 700 **HIGHWAY SIGNING**

When the contractor has the option for signpost type, the signpost type shall be 2lb/ft U-Channel.

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.

The Contractor shall stake the right-of way for the project duration.

E-05 TESTING

All testing shall be performed by the County except for pre-qualification testing of materials required by the FDOT Specifications, and testing required at the Contractor’s expense in accordance with Exhibit 1. All costs incurred for services of a County contracted independent testing laboratory for any failing tests shall be billed directly to the Contractor or deducted from contract payments.

E-06 PAY ITEM SPECIAL CONDITIONS & SPECIAL PAY ITEMS

Video Documentation

Provide a digital video recording of the pre-construction conditions throughout the project limits. Provide a digital photo log or video of project activities, with heavy emphasis on potential claim items/issues and on areas of real/potential public controversy. This work shall be paid under the bid item for mobilization.

Paint and Thermoplastic Pay Items

Paint pay items are for initial (single) application of marking on the final surface; thermoplastic shall be placed 30 days thereafter.

Work Restrictions

Lane Closures will not be permitted between the hours of 6:30 AM and 6:30 PM. Work on driveways, sidewalks, or the multi-use path are permitted during daytime hours if the work does not impact mainline

vehicular traffic and lane closures are not required. Work on NW 83rd Street will only be permitted between the hours of 6:30 PM to 6:30 AM. Lane closures will not be permitted during Sante Fe College special or evening events. Cost associated with these restrictions shall be paid under the bid item for Maintenance of traffic.

Utility Coordination (GRU)

Mobilization – Base Bid

GRU utility poles may be in conflict with the multi-use path at the time of construction. It is anticipated that GRU will be relocating utility poles during construction. The Contractor will be required to coordinate their activities with GRU. The Contractor shall conduct bi-weekly utility coordination meetings during construction. If GRU utility poles conflict with the Contractor's Work, the Contractor shall perform all work with the exception of asphalt paving to within 5 FT of the existing utility. Once the utility has been relocated, the Contractor will complete the multi-use path.

It is anticipated that GRU will be performing work at NW 83rd Street which will require lane closures. The Contractor shall give priority to GRU's work schedule. Cost associated with utility coordination shall be paid under the base bid item for mobilization.

Mobilization - Alternate 1

Contractor shall provide an Alternate Mobilization cost. The Alternate Mobilization cost will be used instead of the Base Bid Mobilization cost in the event the GRU utility pole relocation does not impact the project. This cost should not exclude the utility coordination required for NW 83rd Street.

The Base Bid Mobilization will be utilized in the bid award evaluation.

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.

THE REMAINDER OF THIS PAGE IS LEFT INTENTIONALLY BLANK

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 _____
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. 13863 ("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. 23-411; Project No. 917-7914, NW 23rd Avenue Resurfacing, Contract No. 13863*, 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: _____

Its: _____

Date: _____

Witnesses

[Corporate Seal]

STATE OF _____

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:

PROJECT: Contract No. 13863 (“Contract”) for labor, materials, and services for *Invitation to Bid No. 23-411; Project No. 917-7914, NW 23rd Avenue Resurfacing, Contract No. 13863.*

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 _____.

Signature of Notary Public

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



VEWHITE-01

SEGVSSHILTS

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/29/2023

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 AssuredPartners, Gainesville 4880 Newberry Road, Suite 180 Gainesville, FL 32607	CONTACT NAME: Shirley Hill Shilts PHONE (A/C, No, Ext): (352) 378-2511	FAX (A/C, No): (352) 378-9801	
	E-MAIL ADDRESS: Shirley.Shilts@assuredpartners.com		
INSURED VE Whitehurst & Sons, Inc. 20551 NE 75 Street Williston, FL 32696	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : BITCO General Corp		20095
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		

COVERAGES **CERTIFICATE NUMBER:** **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 <input type="checkbox"/> SCHED. AGGREGATE LIMIT APPLIES PER- <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	X	CLP3735073	10/1/2023	10/1/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 EMPLOYEE BENEFIT \$ 3,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY		CAP3735074	10/1/2023	10/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP \$ 10,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP3735075	10/1/2023	10/1/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
A	<input checked="" type="checkbox"/> 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 N	WC3725108	1/1/2023	1/1/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Agreement No. 11799 - Annual Asphaltic Concrete Surfacing Services
 Alachua County Board of County Commissioners is an Additional Insured on General Liability and coverage is Primary Non-Contributory as required by written contract. Thirty days Notice of cancellation applies.

CERTIFICATE HOLDER Alachua Board of County Commissioners Department of Public Works 12 SE 1 Street Gainesville, FL 32601	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
---	--

ACORD 25 (2018/03)

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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

PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

RESPONSE DEADLINE: August 2, 2023 at 2:00 pm

Report Generated: Wednesday, September 27, 2023

V.E. Whitehurst & Sons, Inc. Proposal

CONTACT INFORMATION

Company:

V.E. Whitehurst & Sons, Inc.

Email:

dwhitehurst@vewwhitehurst.com

Contact:

Devin Whitehurst

Address:

20551 NE 75th Street
Williston, FL 32696

Phone:

N/A

Website:

N/A

Submission Date:

Aug 2, 2023 11:50 AM

PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

ADDENDA CONFIRMATION

Addendum #1

Confirmed Aug 1, 2023 1:53 PM by Devin Whitehurst

Addendum #2

Confirmed Aug 1, 2023 1:53 PM by Devin Whitehurst

Addendum #3

Confirmed Aug 1, 2023 1:53 PM by Devin Whitehurst

PRICE TABLES

REVISED BASE BID - SPECS/PLAN ADM 2

Revised Plans/Specs are provided in ADM 2.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	MOBILIZATION - BASE BID	1	LS	\$1,254,800.00	\$1,254,800.00
2	MAINTENANCE OF TRAFFIC	1	LS	\$1,100,000.00	\$1,100,000.00
3	PREVENTION, CONTROL & ABATEMENT OF EROSION & WATER POLLUTION	1	LS	\$5,325.00	\$5,325.00
4	SEDIMENT BARRIER	23,404	LF	\$1.50	\$35,106.00
5	MOWING (3 cycles)	18	AC	\$645.00	\$11,610.00
6	TREE ROOT AND BRANCH PRUNING	1	LS	\$15,000.00	\$15,000.00
7	CLEARING & GRUBBING	1	LS	\$737,950.00	\$737,950.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
8	GRADING	1	LS	\$550,000.00	\$550,000.00
9	BORROW	500	CY	\$20.00	\$10,000.00
10	TYPE 'B' STABILIZATION (LBR 40) (12")	7,530	SY	\$18.75	\$141,187.50
11	TYPE 'B' STABILIZATION (LBR 40) (6")	12,240	SY	\$18.75	\$229,500.00
12	OPTIONAL BASE GROUP 01 (4")	12,962	SY	\$17.40	\$225,538.80
13	OPTIONAL BASE GROUP 09 (10")	3,349	SY	\$24.25	\$81,213.25
14	MILLING EXISTING ASPHALT PAVEMENT (3.5" AVG DEPTH)	30,991	SY	\$3.15	\$97,621.65
15	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG DEPTH)	3,004	SY	\$2.35	\$7,059.40
16	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C) (OVERBUILD)	119	TN	\$200.00	\$23,800.00
17	SUPERPAVE ASPHALTIC CONCRETE (TYPE SP-12.5) (TRAFFIC C) (PG 76-22) (2")	3,906	TN	\$154.70	\$604,258.20
18	SUPERPAVE ASPHALTIC CONCRETE (TYPE SP-9.5) (TRAFFIC C) (PG 76-22) (1") (MULTI-USE PATH)	580	TN	\$185.00	\$107,300.00
19	ASPHALTIC CONCRETE FRICTION COURSE (TYPE FC-12.5) (TRAFFIC C) (PG 76-22) (1.5")	3,183	TN	\$155.65	\$495,433.95
20	PATTERNED PAVEMENT	11	SY	\$595.00	\$6,545.00
21	CONCRETE CLASS NS (GRAVITY WALL)	274	CY	\$1,240.00	\$339,760.00
21A	INLETS (CURB) (TYPE P-1) (<10')	2	EA	\$13,225.00	\$26,450.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
22	INLETS (CURB) (TYPE P-3) (<10')	2	EA	\$13,225.00	\$26,450.00
22A	INLETS (CURB) (TYPE P-4) (<10')	1	EA	\$13,225.00	\$13,225.00
23	INLETS (DT BOT) (TYPE C) (<10")	25	EA	\$10,750.00	\$268,750.00
24	INLETS (DT BOT) (TYPE D) (<10")	4	EA	\$10,750.00	\$43,000.00
25	MANHOLES (P-7) (<10")	4	EA	\$10,430.00	\$41,720.00
26	MANHOLES (J-7) (<10")	1	EA	\$10,535.00	\$10,535.00
27	MANHOLE (ADJUST)	3	EA	\$1,615.00	\$4,845.00
29	PIPE CULVERT (OPTIONAL MATERIAL) (ROUND) (18") (S/CD)	4,032	LF	\$200.00	\$806,400.00
30	PIPE CULVERT (OPTIONAL MATERIAL) (ROAD) (24") (S/CD)	635	LF	\$200.00	\$127,000.00
31	PIPE CULVERT (OPTIONAL MATERIAL) (ROUND) (30") (S/CD)	23	LF	\$380.00	\$8,740.00
31A	PIPE CULVERT (OPTIONAL MATERIAL) (OTHER-ELLIPTICAL) (18") (S/CD)	73	EA	\$200.00	\$14,600.00
32	STRAIGHT CONCRETE ENDWALLS (18") (SINGLE) (0 DEGREES) (ROUND)	1	EA	\$5,700.00	\$5,700.00
33	STRAIGHT CONCRETE ENDWALLS (24") (SINGLE) (0 DEGREES) (ROUND)	1	EA	\$8,600.00	\$8,600.00
33A	STRAIGHT CONCRETE ENDWALLS (60") (SINGLE) (0 DEGREES) (ROUND)	2	EA	\$32,250.00	\$64,500.00
34	MITERED END SECTION (OPTIONAL ROUND) (15") (SD)	1	EA	\$4,200.00	\$4,200.00
35	MITERED END SECTION (OPTIONAL ROUND) (18") (SD)	57	EA	\$4,730.00	\$269,610.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
36	MITERED END SECTION (OPTIONAL ROUND) (24") (SD)	4	EA	\$5,110.00	\$20,440.00
37	PIPE HANDRAIL (GUIDERAIL) (ALUMINUM)	639	LF	\$128.00	\$81,792.00
38	CONCRETE CURB & GUTTER (TYPE E)	120	LF	\$56.00	\$6,720.00
39	CONCRETE CURB & GUTTER (TYPE F)	1,749	LF	\$56.00	\$97,944.00
40	CONCRETE CURB (TYPE D)	354	LF	\$61.00	\$21,594.00
41	CONCRETE SIDEWALK & DRIVEWAY (4" THICK)	283	SY	\$172.00	\$48,676.00
42	CONCRETE SIDEWALK & DRIVEWAY (6" THICK)	409	SY	\$186.00	\$76,074.00
43	CONCRETE DITCH PAVEMENT (NON REINFORCED)(4")	140	SY	\$157.00	\$21,980.00
44	DETECTABLE WARNINGS	504	SF	\$28.00	\$14,112.00
45	RIPRAP (RUBBLE) (F&I) (DITCH LINING)	6	TN	\$205.00	\$1,230.00
46	BEDDING STONE	4	TN	\$194.00	\$776.00
47	PIPE RAIL FOR GUARDRAIL	167	LF	\$38.00	\$6,346.00
48	FENCING (TYPE B) (0.0-5.0') (RESET EXISTING)	440	LF	\$80.00	\$35,200.00
49	FENCING (TYPE B) (5.1-6.0') (RESET EXISTING)	60	LF	\$85.00	\$5,100.00
50	PERFORMANCE TURF (SOD)	28,427	SY	\$3.15	\$89,545.05
51	SINGLE POST SIGN (F&I) (GROUND MOUNT) (<12.5F)	33	AS	\$595.00	\$19,635.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
52	SINGLE POST SIGN (RELOCATE)	21	AS	\$270.00	\$5,670.00
53	SINGLE POST SIGN (REMOVE)	3	AS	\$32.50	\$97.50
54	RETROREFLECTIVE PAVEMENT MARKER (TYPE B)	988	EA	\$7.80	\$7,706.40
55	PAINTED PAVEMENT MARKER (FINAL SURFACE)	1	LS	\$48,375.00	\$48,375.00
56	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	3.24	GM	\$6,015.00	\$19,488.60
57	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (8" FOR INTERCHANCE & URBAN ISLAND)	0.12	GM	\$11,390.00	\$1,366.80
58	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12") (FOR CROSSWALKS)	1,358	LF	\$4.35	\$5,907.30
59	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (18") (FOR DIAGONALS & CHEVRONS)	335	LF	\$5.90	\$1,976.50
60	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24") (FOR STOP LINE & CROSSWALK)	490	LF	\$8.75	\$4,287.50
61	THERMOPLASTIC (STANDARD) (WHITE) (2-4 DOTTED GUIDELINE / 6-10 GAP EXT.) (6")	0.06	GM	\$3,200.00	\$192.00
62	THERMOPLASTIC (STANDARD) (WHITE) (ARROW)	53	EA	\$97.00	\$5,141.00
63	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	4.21	GM	\$6,015.00	\$25,323.15
64	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (18" FOR DIAGONAL OR CHEVRONS)	948	LF	\$5.90	\$5,593.20
65	THERMOPLASTIC (STANDARD) (YELLOW) (10-30 SKIP) (6")	0.6	GM	\$2,150.00	\$1,290.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
66	THERMOPLASTIC (STANDARD) (YELLOW) (2-4 DOTTED GUIDELINE / 6-10 GAP EXT.) (6")	0.06	GM	\$3,200.00	\$192.00
67	THERMOPLASTIC (PREFORMED) (WHITE) (SOLID) (24" FOR CROSSWALKS)	295	LF	\$26.00	\$7,670.00
68	CONDUIT (F&I) (OPEN TRENCH)	35	LF	\$27.00	\$945.00
69	CONDUIT (F&I) (DIRECTIONAL BORE)	195	LF	\$43.00	\$8,385.00
70	SIGNAL CABLE - NEW OR RECONSTRUCTED INTERSECTION (F&I)	1	PI	\$9,900.00	\$9,900.00
71	PULL & SPLICE BOX (F&I) (13"X24" COVER SIZE)	5	EA	\$1,385.00	\$6,925.00
72	PRESTRESSED CONCRETE POLE (COMPLETE POLE REMOVAL - PEDESTAL/SERVICE POLE)	1	EA	\$845.00	\$845.00
73	ALUMINUM SIGNALS POLE (PEDESTAL)	3	FA	\$2,640.00	\$7,920.00
74	PEDESTRIAN SIGNAL (F&I) (LED COUNTDOWN) (1 WAY)	3	AS	\$1,030.00	\$3,090.00
75	PEDESTRIAN DETECTOR (F&I) (STANDARD)	3	EA	\$405.00	\$1,215.00
76	PEDESTRIAN SIGN PANEL (F&I) (<12 SF)	1	EA	\$500.00	\$500.00
77	PEDESTRIAN SIGN PANEL (REMOVE) (<12 SF)	1	EA	\$250.00	\$250.00
TOTAL					\$8,550,749.75

ADD/DEDUCT FROM BASE BID

These total unit cost will be add or deducted from the Base Bid Plans which was provide in ADM 2 Plans. ALL UNIT PRICES should be a positive number, and no negative numbers.

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	MOBILIZATION - BASE BID	1	LS	\$10.00	\$10.00
2	MAINTENANCE OF TRAFFIC	1	LS	\$10.00	\$10.00
3	PREVENTION, CONTROL & ABATEMENT OF EROSION & WATER POLLUTION	1	LS	\$10.00	\$10.00
6	TREE ROOT AND BRANCH PRUNING	1	LS	\$10.00	\$10.00
7	CLEARING & GRUBBING	1	LS	\$10.00	\$10.00
8	GRADING	1	LS	\$50,000.00	\$50,000.00
11	TYPE 'B' STABILIZATION (LBR 40) (6")	285	SY	\$18.75	\$5,343.75
12	OPTIONAL BASE GROUP 01 (4")	279	SY	\$17.40	\$4,854.60
18	SUPERPAVE ASPHALTIC CONCRETE (TYPE SP-9.5) (TRAFFIC C) (PG 76-22) (1") (MULTI-USE PATH)	15	TN	\$185.00	\$2,775.00
21	CONCRETE CLASS NS (GRAVITY WALL)	43	CY	\$1,240.00	\$53,320.00
23	INLETS (DT BOT) (TYPE C) (<10")	6	EA	\$10,750.00	\$64,500.00
24	INLETS (DT BOT) (TYPE D) (<10") - ADD	1	EA	\$10,750.00	\$10,750.00
28	PIPE CULVERT (OPTIONAL MATERIAL) (ROUND) (15") (S/CD) - ADD	19	LF	\$240.00	\$4,560.00
29	PIPE CULVERT (OPTIONAL MATERIAL) (ROUND) (18") (S/CD)	1,827	LF	\$200.00	\$365,400.00
30	PIPE CULVERT (OPTIONAL MATERIAL) (ROAD) (24") (S/CD) - ADD	631	LF	\$200.00	\$126,200.00
31	PIPE CULVERT (OPTIONAL MATERIAL) (ROUND) (30") (S/CD)	8	LF	\$380.00	\$3,040.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
35	MITERED END SECTION (OPTIONAL ROUND) (18") (SD) - ADD	3	EA	\$4,730.00	\$14,190.00
36	MITERED END SECTION (OPTIONAL ROUND) (24") (SD)	4	EA	\$5,110.00	\$20,440.00
37	PIPE HANDRAIL (GUIDERAIL) (ALUMINUM) - ADD	65	LF	\$128.00	\$8,320.00
38	CONCRETE CURB & GUTTER (TYPE E)	32	LF	\$56.00	\$1,792.00
39	CONCRETE CURB & GUTTER (TYPE F)	818	LF	\$56.00	\$45,808.00
40	CONCRETE CURB (TYPE D) - ADD	140	LF	\$61.00	\$8,540.00
41	CONCRETE SIDEWALK & DRIVEWAY (4" THICK)	6	SY	\$172.00	\$1,032.00
42	CONCRETE SIDEWALK & DRIVEWAY (6" THICK)	18	SY	\$186.00	\$3,348.00
44	DETECTABLE WARNINGS - ADD	7	SF	\$28.00	\$196.00
45	RIPRAP (RUBBLE) (F&I) (DITCH LINING) - ADD	77	TN	\$205.00	\$15,785.00
46	BEDDING STONE - ADD	51	TN	\$194.00	\$9,894.00
48	FENCING (TYPE B) (0.0-5.0") (RESET EXISTING)	167	LF	\$80.00	\$13,360.00
50	PERFORMANCE TURF (SOD) - ADD	2,477	SY	\$3.15	\$7,802.55
51	SINGLE POST SIGN (F&I) (GROUND MOUNT) (<12 SF) - ADD	1	AS	\$595.00	\$595.00
53	SINGLE POST SIGN (REMOVE)	1	AS	\$32.50	\$32.50
55	PAINTED PAVEMENT MARKER (FINAL SURFACE)	1	LS	\$10.00	\$10.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

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PROPOSAL DOCUMENT REPORT

ITB No. ITB 23-411-DK

Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
71	PULL & SPLICE BOX (F&I) (13"X24" COVER SIZE)	2	EA	\$1,385.00	\$2,770.00
TOTAL					\$844,708.40

MOBILIZATION-ALTERNATE 1

Per the Specification.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1A	MOBILIZATION - ALTERNATE 1	1	LS	\$50,000.00	\$50,000.00
TOTAL					\$50,000.00

PROPOSAL DOCUMENT REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Page 10

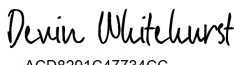
EXHIBIT 9: CERTIFICATION OF MEETING ALACHUA COUNTY WAGE ORDINANCE

The undersigned certifies that all employees, contracted and subcontracted, completing services as part of this Agreement are paid, and will continue to be paid, in accordance with Chapter 22, Article XII of the Alachua County Code of Ordinance (“Wage Ordinance”).

V E Whitehurst & Sons Inc
20551 NE 75th St.
Williston, FL 32696
dwhitehurst@vewwhitehurst.com

Project Description: *NW 23rd Avenue Resurfacing*; mill and resurface NW 23rd Avenue from I-75 to NW 58th Boulevard, widen turn lanes, and construct a multi-use path on the north side of NW 23rd Avenue.

CONTRACTOR

By: 
ACD8291C47734CC
Print: Devin whitehurst
Title: President
Date: 11/15/2023

INCORPORATED OR ARE OTHERWISE NOT A NATURAL PERSON, PLEASE PROVIDE A CERTIFICATE OF INCUMBENCY AND AUTHORITY, OR A CORPORATE RESOLUTION, LISTING THOSE AUTHORIZED TO EXECUTE AGREEMENTS. IF A NATURAL PERSON, THEN YOUR SIGNATURE SHOULD BE NOTARIZED.

EXHIBIT 10: ADDENDA REPORT



Alachua County, Florida

Procurement

Theodore "TJ" White, Jr. CPPB, Procurement Manager
County Administration Building, Gainesville, FL 32601
(352) 374-5202

ADDENDA REPORT

ITB No. ITB 23-411-DK

**Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project
#917-7914**

RESPONSE DEADLINE: August 2, 2023 at 2:00 pm

Wednesday, September 27, 2023

Addenda Issued:

Addendum #1

Jul 8, 2023 12:26 PM

Please use the [See What Changed](#) link to view all the changes made by this addendum.

Addendum #2

Jul 12, 2023 4:37 PM

Upon further utility coordination with GRU, the plan set and revised ITB pricing form included in this Addendum (NW 23rd Ave Resurfacing Alt 1 - dated 7/27/23) is provided to construct the multi-use path around the utility poles in conflict. This plan set and revised ITB pricing form shall be the new REVISED BASE BID for the project.

The plan set dated 5/25/23 shall be an deductive alternate. The County will require bidders to provide pricing for both the Revised Base Bid and ADD/Deductive Alternates form the ITA Pricing Form.

Mobilization costs for Alternate 1 as described in Section E-06 – Pay Item Special Conditions & Special Pay Items – Utility Coordination (GRU) shall still apply to the ADD/Deductive Alternates.

Revise and Replace in Specification:

Revise Section 120-14 of the Technical Specifications to include the excavation and embankment quantities for the REVISED BASE BID.

120-14 Basis of Payment

Compensation for all work required under this section, excluding borrow, shall be paid under the lump sum pay items for grading. Area noted in the plans for Subsoil Excavation shall be paid by LS; any other Subsoil Excavation required by the County shall be paid by the CY.

The following are the plan quantities and are for informational purposes only; contractor shall conduct plan take-offs to bid accordingly:

ADDENDA REPORT

Invitation To Bid - Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Page 1

ADDENDA REPORT
 ITB No. ITB 23-411-DK
 Mill and Resurface NW 23rd Avenue From I-75 To NW 58th Boulevard, Project #917-7914

Description (CY)	Subsoil Excavation (CY)	Regular Excavation (CY)	Embankment
Roadway (Base Bid)	6,927	6,568	0
Multi-Use Path (Base Bid)	2,208	4,539	0
Roadway (Alternate) 0	6,927	6,568	
Multi-Use Path (Alternate)	2,234	2,981	0

Please use the [See What Changed](#) link to view all the changes made by this addendum.

Addendum #3

Jul 21, 2023 12:25 PM

Please use the [See What Changed](#) link to view all the changes made by this addendum.

Addenda Acknowledgements:

Addendum #1

Proposal	Confirmed	Confirmed At	Confirmed By
V.E. Whitehurst & Sons, Inc.	X	Aug 1, 2023 1:53 PM	Devin Whitehurst
Anderson Columbia Co., Inc.	X	Aug 2, 2023 8:49 AM	Doug Booth

Addendum #2

Proposal	Confirmed	Confirmed At	Confirmed By
V.E. Whitehurst & Sons, Inc.	X	Aug 1, 2023 1:53 PM	Devin Whitehurst
Anderson Columbia Co., Inc.	X	Aug 2, 2023 8:49 AM	Doug Booth

Addendum #3

Proposal	Confirmed	Confirmed At	Confirmed By
V.E. Whitehurst & Sons, Inc.	X	Aug 1, 2023 1:53 PM	Devin Whitehurst
Anderson Columbia Co., Inc.	X	Aug 2, 2023 8:49 AM	Doug Booth

EXHIBIT 11: CONSTRUCTION PLANS


ALACHUA COUNTY BOARD OF COUNTY COMMISSIONERS

CONSTRUCTION PLANS

FOR COUNTY PROJECT 917-7914

NW 23RD AVENUE RESURFACING ALT 1

I-75 TO NW 58TH BOULEVARD



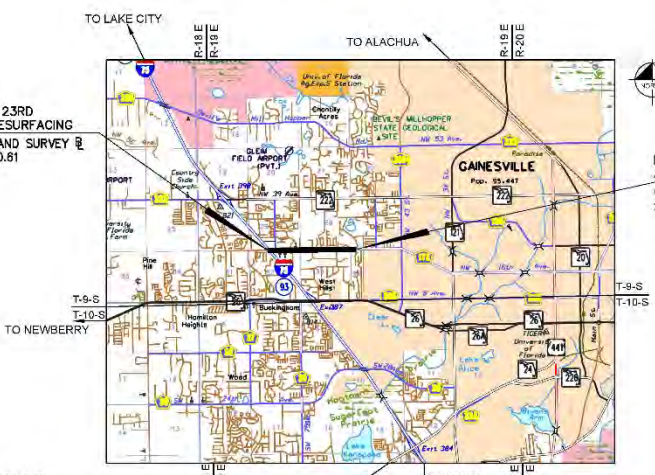
PROJECT LOCATION

INDEX OF ROADWAY SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3-4	GENERAL NOTES
5	TYPICAL SECTION
6-8	DETAILS
9	PROJECT LAYOUT SHEET
10-27	PLAN AND PROFILE
28	PROFILES
29	INTERSECTION RECONSTRUCTION DETAIL
CS-1 - CS-44	CROSS SECTIONS
SW-1 - SW-2	STORMWATER POLLUTION PREVENTION NOTES AND DETAILS
S-1 - S-3	SUMMARY OF QUANTITIES
S-4 - S-12	SIGNING AND PAVEMENT MARKINGS
T-1	SIGNALIZATION NOTES
T-2	SIGNALIZATION PAY ITEMS
T-3	SIGNAL PLANS
-----	PP MITERED END SECTION DETAIL (BY ACPW)

UTILITY CONTACT LISTING

AT&T DISTRIBUTION KIRBY SPENCER 288 N RIDGEWOOD AVE ROOM 22C DAYTONA BEACH, FL 32114 (386) 386-4588	GAINESVILLE REGIONAL UTILITIES GAS PHIL PLANCASTER P.O. BOX #147117 STATION #A106 GAINESVILLE, FL 32614 (352) 334-6078
AT&T TRANSMISSION STEVE BRINKSON 2501 W BUSCH BLVD SUITE 711 TAMPA, FL 33618 (407) 578-8000	GAINESVILLE REGIONAL UTILITIES COMMUNICATIONS MIKE CHAPPELL P.O. BOX #147117 STATION #A105 GAINESVILLE, FL 32614 (352) 399-6923
COX CABLE - ALACHUA BILL SMITH 4040 NE 40TH AVE GAINESVILLE, FL 32609 (478) 314-3577	GAINESVILLE REGIONAL UTILITIES WATER / WASTEWATER / RECLAIMED WATER JIMMY JONES P.O. BOX #147117 STATION #E-3F GAINESVILLE, FL 32614 (352) 393-1626
GAINESVILLE REGIONAL UTILITIES SEWER JIMMY JONES P.O. BOX #147117 STATION #E-3F GAINESVILLE, FL 32614 352-393-1626	CITY OF GAINESVILLE TRAFFIC MGMT SYSTEM EMMANUEL ROSADAS 405 NW 30TH AVENUE GAINESVILLE, FL 32627 (352) 393-8428
DUKE TRANSMISSION AMY FINNEY 2004 MONROE RD GAINESVILLE, FL 32603 352-889-5446	



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

KIMLEY-HORN AND ASSOCIATES, INC.
CHRIS TOWNE, P.E.
300 SW 2ND AVENUE, SUITE 100,
GAINESVILLE, FL 32601

PLANS PREPARED BY:

Kimley»Horn
© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
800 SW 2ND AVENUE, SUITE 100,
GAINESVILLE, FL 32601
(352) 374-3274
REGISTRY 351108

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PROJECT LENGTH IS BASED ON @ CONST. AND SURVEY @

LENGTH OF PROJECT		
	LINEAR FEET	MILES
NW 23RD AVENUE	8829	1.67


DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

CONSTRUCTION PLANS
ENGINEER OF RECORD: _____
P.E. NO.: 86928

JUNE 27, 2023
ALT 1 FOR CONSTRUCTION

ACPW PROJECT MANAGER:
JAMES FLEGERT, P.E.

SHEET NO.
1




THIS ITEMS HAS BEEN DIGITALLY SIGNED AND SEALED BY

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.

KIMLEY-HORN AND ASSOCIATES, INC.
800 SW 2ND AVENUE, SUITE 100
GAINESVILLE, FLORIDA 32601
REGISTRY 35106
CHRISTOPHER D. TOWNE, P.E. 66928

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

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3-4	GENERAL NOTES
5	TYPICAL SECTION
6 - 7	DETAILS
9	PROJECT LAYOUT SHEET
10 - 27	PLAN AND PROFILE
28	PROFILES
29	INTERSECTION RECONSTRUCTION DETAIL
CS-1 - CS-44	CROSS SECTIONS
SW-1 - SW-2	STORMWATER POLLUTION PREVENTION NOTES AND DETAILS
S-1 - S-3	SUMMARY OF QUANTITIES
S-4 - S-12	SIGNING AND PAVEMENT MARKINGS




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KIMLEY-HORN AND ASSOCIATES, INC.
1700 SE 17TH STREET, SUITE 200
OCALA, FLORIDA 34471
REGISTRY 35106
AMBER L. GARTNER, P.E. 72294

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
T-1	SIGNALIZATION NOTES
T-2	SIGNALIZATION PAY ITEMS
T-3	SIGNAL PLANS



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KIMLEY-HORN AND ASSOCIATES, INC.
189 SOUTH ORANGE AVENUE, SUITE 1000
ORLANDO, FL 32801
REGISTRY 35106
JOSEPH A. ROBERTS JR., P.E. 78547

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
8	DETAILS

REVISIONS		DATE
DATE	DESCRIPTION	
		JUNE 2023
		DESIGNED BY: KHA
		DRAWN BY: KHA
		CHECKED BY: CDT



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800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
PHONE: 352-378-3274
WWW.KIMLEY-HORN.COM REGISTRY 35106

LICENSED PROFESSIONAL
Christopher D. Towne P.E.
66928
DATE: _____

COUNTY OF ALACHUA
NW 23RD AVENUE RESURFACING ALT 1

ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012


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SIGNATURE SHEET

SHEET NO.	2
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E:\042551012\042551012\NW 23rd Avenue Resurfacing\CAD\ALT 1\SIGN SHEET\GENERAL NOTES.dwg

REVISIONS		DATE	BY
DATE	DESCRIPTION	DATE	BY
		JUNE 2023	
		ISSUED BY: KHA	
		DRAWN BY: KHA	
		CHECKED BY: CDT	



© 2023 KIMLEY+HORN AND ASSOCIATES, INC.
100 1st St. and Avonlea, Suite 100, Gainesville, FL 32601
PHONE: 352-379-3274
WWW.KIMLEY+HORN.COM 800.875.5108

LICENSED PROFESSIONAL

Christopher D. Towne P.E.

66928

DATE

COUNTY OF ALACHUA

NW 23RD AVENUE RESURFACING ALT 1

ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

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GENERAL NOTES

SHEET NO. 3

E:\000_000\042551012\18000.dwg 6/27/2023 03:21:16 PM GENERAL NOTES

GENERAL CONSTRUCTION NOTES:

1. SEE TOPOGRAPHIC SURVEY DATED 01/27/2021 PREPARED BY EDA CONSULTANTS INC. FOR SURVEY INFORMATION AND NOTES.
2. ALL STATIONS AND OFFSETS ARE REFERENCED TO CENTERLINE OF CONSTRUCTION.
3. STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ADJUTING PRIVATE PROPERTY WITHOUT WRITTEN APPROVAL FROM THE OWNER.
4. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC. PLACEMENT OF BUSINESS ENTRANCE SIGNS AND CHANNELING DEVICES ARE TO BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROADWAY AND BRIDGE CONSTRUCTION (INDEX 102 SERIES AS APPLICABLE).
5. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE ENTIRE CONSTRUCTION PERIOD.
6. ALL RECYCLABLE/REUSABLE MATERIAL, INCLUDING ASPHALT MILLINGS, SHALL REMAIN THE PROPERTY OF ALACHUA COUNTY UNLESS OTHERWISE SPECIFIED BY THE COUNTY ENGINEER. CONTRACTOR SHALL COORDINATE WITH THE COUNTY ROAD AND BRIDGE DIVISION FOR THE REMOVAL OF THE RECYCLABLE/REUSABLE MATERIAL FROM THE CONSTRUCTION SITE. ALL MATERIALS SHALL BE DELIVERED TO THE ALACHUA COUNTY PUBLIC WORKS FACILITY LOCATED AT 5620 NW 120TH LANE, GAINESVILLE, FL 32683.
7. ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND CONTRACT DOCUMENTS.
8. CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A DISCREPANCY SHOULD ARISE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER IN WRITING FOR PROPOSED RESOLUTION OR CLARIFICATION.
9. IF A SINKHOLE SHOULD FORM ON THE SITE, THE PROCEDURES OUTLINED BY THE GOVERNING WATER MANAGEMENT DISTRICT SHALL BE FOLLOWED. BOTH THE PROJECT ENGINEER AND THE WATER MANAGEMENT DISTRICT SHALL BE NOTIFIED.
10. JOB SAFETY SHALL BE IMPLEMENTED AT ALL TIMES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH OSHA STANDARDS AND TO ABIDE BY THEM AS WELL AS ANY OTHER LOCAL, STATE, AND FEDERAL REGULATIONS.
11. DAMAGE TO UTILITIES, STRUCTURES OR PROPERTY ON OR ADJACENT TO THE PROJECT SITE CAUSED BY CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL NOTIFY THE ALACHUA COUNTY PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
13. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL CONDITIONS PREVENT THE APPLICATION OF THESE PLANS AND SPECIFICATIONS IN THE CONSTRUCTION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN CHARGE PRIOR TO FURTHER CONSTRUCTION ACTIVITY.
14. THE CONTRACTOR AND SUBCONTRACTORS ARE HEREBY REQUIRED TO PROMPTLY NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES OR CONFLICTS FOUND IN THE PLANS OR SPECIFICATIONS, SO THEY ARE CLARIFIED BY THE ENGINEER.
15. NO CHANGES TO THE WORK AS SHOWN ON THESE PLANS SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE PROJECT ENGINEER. CONTRACTOR SHALL CHECK ACTUAL SITE CONDITIONS PRIOR TO CONSTRUCTION. ANY NEED FOR CLARIFICATION OF PROPOSED IMPROVEMENTS OR FOR RESOLUTION OF DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
16. THE PROJECT ENGINEER OR REPRESENTATIVE SHALL HAVE ACCESS TO THE WORK SITE AT ALL TIMES.
17. ALL ASTM DESIGNATIONS SHALL BE AS AMENDED TO DATE UNLESS NOTED OTHERWISE.
18. ADDITIONAL TEST BORINGS AND EXPLORATORY INVESTIGATIONS MAY BE MADE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
19. ALL EXISTING STORMWATER DRAINAGE PATTERNS AND CHANNELS OUTSIDE THE CONSTRUCTION AREAS SHOWN ON THESE PLANS ARE TO BE MAINTAINED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE WORK APPEARS TO INTERRUPT AN EXISTING STORMWATER DRAINAGE PATTERN. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION SUCH THAT IMPACT TO CONSTRUCTION AND/OR SURROUNDING FACILITIES IS MINIMIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION, SEDIMENT TRANSPORT, DISTURBED FOUNDATIONS, IMPACT TO STRUCTURES AND ANY OTHER DAMAGE CAUSED DURING CONSTRUCTION.
20. UNSUITABLE MATERIAL FROM WITHIN THE PROJECT SHALL BE PROPERLY DISPOSED OF OFF SITE BY THE CONTRACTOR. SUITABLE MATERIAL FROM WITHIN THE PROJECT SHALL BE USED FOR EMBANKMENT AS NEEDED TO COMPLETE THE PROJECT. REFER TO FOOT STANDARD INDEX 120-001.
21. BURNING WITHIN THE LIMITS OF THE PROPOSED PROJECT SHALL NOT BE ALLOWED UNLESS OTHERWISE SPECIFIED BY THE PROJECT ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE AGENCY AND OBTAINING A BURNING PERMIT.
22. ANY SURVEY MARKER, INCLUDING BUT NOT LIMITED TO SECTION MARKERS, BENCH MARKS, LOT CORNERS, ETC. WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO FINAL PAYMENT. RESETTLEMENT OF MONUMENTS AND MARKERS SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF FLORIDA.
23. ALL DETAILS, SECTIONS AND NOTES SHOWN ON DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OR SHOWN OTHERWISE.

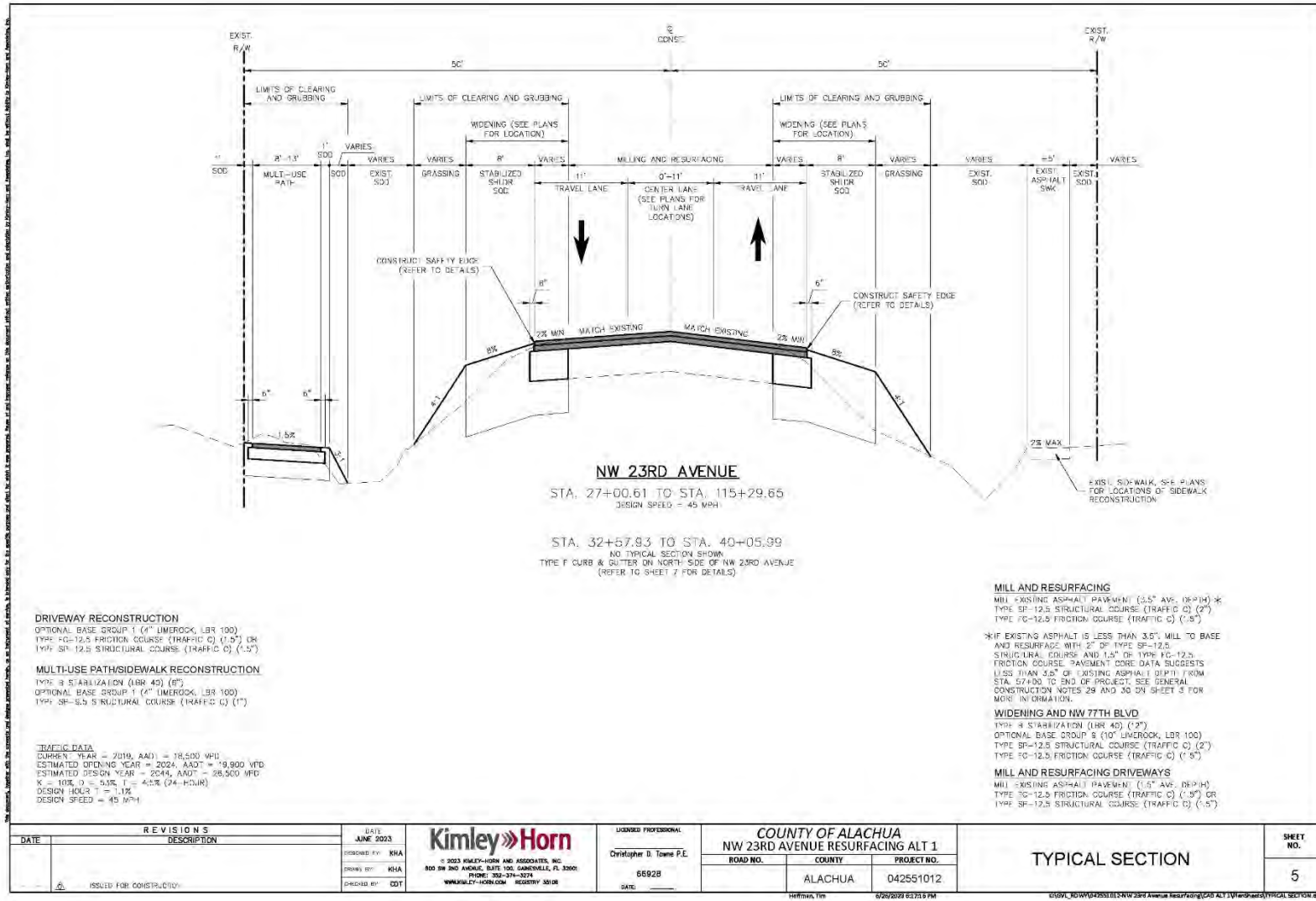
24. UPON COMPLETION OF STRUCTURAL COURSE, PAVEMENT MARKINGS SHALL BE PAINTED AND BENS PLACED PRIOR TO OPENING TRAFFIC. UPON COMPLETION OF FRICTION COURSE, PAVEMENT MARKINGS SHALL BE PAINTED AND BENS PLACED PRIOR TO OPENING TRAFFIC. 30 DAYS AFTER COMPLETION OF FRICTION COURSE, PLACE LEAD-FREE THERMOPLASTIC. ALL BENS SHALL BE PLACED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROADWAY AND BRIDGE CONSTRUCTION INDEX 708-001.
 25. THE REFERENCE STATION AND OFFSET FOR ALL MITERED END SECTIONS REFERS TO THE LOCATION POINT DEFINED IN THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROADWAY AND BRIDGE CONSTRUCTION INDEX 430-021.
 26. ALL EXISTING CULVERTS ARE TO REMAIN UNLESS SPECIFIED OTHERWISE.
 27. RELOCATE OR REPLACE MALBONES PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROADWAY AND BRIDGE CONSTRUCTION INDEX 110-200.
 28. ALL PIPING LABELED STORM DRAINAGE PIPE OR SO MAY BE REINFORCED CONCRETE PIPE OR SMOOTH INTERIOR POLYPROPYLENE PIPE MEETING THE SPECIFICATIONS. CONTINUOUS RUNS OF PIPE SHALL BE THE SAME MATERIAL UNLESS APPROVED BY THE PROJECT MANAGER. MITERED END SECTIONS FOR POLYPROPYLENE PIPE SHALL BE CONSTRUCTED PER ACPW DETAILS.
 29. EXISTING ASPHALT CONDITIONS MAY BE SUCH THAT MILLING OPERATIONS MAY REMOVE LARGER SECTIONS OF ASPHALT THAN ANTICIPATED AND TO DEPTHS GREATER THAN CALLED FOR IN THE PLANS. IF THIS OCCURS, CONTRACTOR IS TO IMMEDIATELY NOTIFY THE COUNTY'S INSPECTION STAFF AND SEEK DIRECTION ON HOW TO PROCEED.
 30. MILLING DEPTH SHOWN ON TYPICAL SECTIONS MAY BE MORE THAN EXISTING ASPHALT THICKNESS. CONTRACTOR TO MILL TO BASE IN THESE AREAS AND BE PREPARED TO IMMEDIATELY START PAVING OPERATIONS. DO NOT OPEN TRAFFIC ON LIME/ROCK BASE SURFACE.
 31. LOCATIONS OF SIDEWALK RECONSTRUCTION ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LIMITS OF RECONSTRUCTION.
 32. CONTRACTOR TO REFER TO PROJECT SPECIFICATIONS FOR THE CONSTRUCTION OF THE DETECTABLE WARNING SURFACES.
 33. CONTRACTOR SHALL VERIFY EXISTING GRADES AT THE-IN POINTS AND PROVIDE DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE ENGINEER PRIOR TO BEGINNING WORK IN THIS AREA.
 34. CURB RAMP SHALL BE CONSTRUCTED BASED ON COUNTY AND FOOT STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.
 35. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES EXIST ALONG SIDEWALKS, CROSSWALKS, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK OR CROSSWALK SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 3.0 PERCENT UNLESS NOTED IN THE PLANS.
 36. CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENT ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.
- UTILITY NOTES:**
1. UTILITIES SHOWN HEREON ARE BASED ON A SURVEY DATED 01/27/2021 BY EDA CONSULTANTS INC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN THROUGH DIRECT CONTACT WITH THE APPROPRIATE UTILITY COMPANY IN ACCORDANCE WITH THE ALACHUA COUNTY LAND DEVELOPMENT CODE PRIOR TO OR IN CONJUNCTION WITH THE PROJECT. ALACHUA COUNTY SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES OR DELAYS CAUSED BY THE LOCATION OR DISPOSITION OF ANY UTILITIES.
 2. ALL ABOVE GROUND UTILITY STRUCTURES SHALL BE RELOCATED AS REQUIRED PER CLEAR ZONE REQUIREMENTS.
 3. ALL UNDERGROUND UTILITIES CONFLICTING WITH CONSTRUCTION SHALL BE RELOCATED, UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER.
 4. CONTRACTOR SHALL HAND EXCAVATE WHEN CONSTRUCTION ACTIVITIES ARE WITHIN 18 INCHES OF EXISTING UTILITIES.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN ON THE PLANS AND SHALL MAINTAIN DIRECT CONTACT WITH THE APPROPRIATE UTILITY COMPANIES THROUGHOUT CONSTRUCTION.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES, STRUCTURES AND PROPERTY ON AND ADJACENT TO THE SITE CAUSED BY CONSTRUCTION ACTIVITIES.
 7. CONTRACTOR SHALL ADJUST ALL UTILITY LIDS AND COVERS TO FINISHED GRADE AS REQUIRED.
 8. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) AND UTILITY OWNERS LISTED ON THE COVER SHEET IN TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.
 9. CONTRACTOR TO NOTIFY SUNSHINE ONE CALL PRIOR TO WORKING AROUND AT&T CORP FACILITIES.
 10. CONTRACTOR TO HAND DIG ONLY WHEN WORKING 5 FEET OF ACTIVE AT&T CORP CABLE(S) & STRUCTURE(S).
 11. CONTRACTOR SHALL COORDINATE WITH AT&T CORP FIELD REPRESENTATIVE DURING ALL FIELD VERIFICATION & ALL AT&T CORP FACILITY ASSOCIATED CONSTRUCTION ACTIVITIES.

PAY ITEM NOTE:

1. ASPHALT AND CONCRETE PAVEMENT, CURBING AND DITCH PAVING REMOVAL, TREE REMOVAL AND ANY OTHER ITEM REQUIRED TO BE DEMOLISHED IS INCIDENTAL TO THE CLEARING AND GRUBBING PAY ITEM.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL DEVICES NECESSARY FOR CONSTRUCTION SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS FOR ROADWAY AND BRIDGE CONSTRUCTION, ST. JAMES RIVER WATER MANAGEMENT DISTRICT (SRWMD) RULES, AND FLORIDA BEST MANAGEMENT PRACTICES.
2. THE CONTRACTOR SHALL PREVENT THE DISCHARGE OF SEDIMENT INTO DRAINAGE DITCHES OR OFFSITE DUE TO CONSTRUCTION OPERATIONS. APPROVED EROSION CONTROL DEVICES SHALL BE INSTALLED TO PREVENT DISCHARGE OF SEDIMENT INTO A DRY OR WET WATERCOURSE. EROSION CONTROL SHALL CONSIST OF SILT FENCE, OR OTHER EROSION CONTROL METHODS APPROVED BY THE PROJECT ENGINEER. ALL NEW AND EXISTING DRAIN PIPES AND STRUCTURES SHALL BE DESIGNED PRIOR TO FINAL PAYMENT.
3. CONTRACTOR SHALL CLEAR AND GRUB CONSTRUCTION AREAS BEFORE FILL IS PLACED. ALL AREAS TO RECEIVE FILL SHALL BE STRIPPED OF ALL VEGETATION AND TOPSOIL AND PROOF ROLLED PRIOR TO PLACING CLEAN FILL.
4. ALL SLOPES STEEPER THAN 3:1 SHALL HAVE PINNED OR PEGGED ARGENTINE BAHIA SOG. PROVIDE EROSION CONTROL BLANKET FOR ALL SLOPES 2:1 HORIZONTAL TO VERTICAL OR STEEPER.
5. ALL AREAS INSIDE AND OUTSIDE THE PROJECT LIMITS, WHICH ARE DISTURBED AS A RESULT OF THE PROJECT CONSTRUCTION, SHALL BE RESTORED TO ORIGINAL OR DESIGN GRADE AS APPLICABLE AND SOODED WITH ARGENTINE BAHIA AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER. ALL DISTURBED AREAS WITHIN THE COUNTY RIGHT OF WAY SHALL BE REGRASSED AND SOODED WITH ARGENTINE BAHIA SOG.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
7. ADDITIONAL PROTECTION; ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
8. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES DAILY. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL. DEPOSITS SHALL BE REMOVED WHEN THE LEVEL OF DEPOSITIONS REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
10. SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED, SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SOODED.
11. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF EXPECTED USABLE LIFE AND THE BARRIERS ARE STILL NECESSARY THE FABRIC SHALL BE REPLACED IMMEDIATELY.
12. THESE NOTES INDICATE THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
13. THE CONTRACTOR SHALL SUBMIT A DETAILED STORMWATER POLLUTION PREVENTION PLAN TO THE COUNTY FOR APPROVAL PRIOR TO CONSTRUCTION ACTIVITIES.
14. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE NOTICE OF INTENT (NOI) TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.



DRIVEWAY RECONSTRUCTION
 OPTIONAL BASE GROUP 1 (4" LIMEROCK, LBR 100)
 TYPE FC-12.5 FRICTION COURSE (TRAFFIC C) (1.5") OR
 TYPE SF-12.5 STRUCTURAL COURSE (TRAFFIC C) (1.5")

MULTI-USE PATHSIDEWALK RECONSTRUCTION
 TYPE 3 STABILIZATION (LBR 40) (6")
 OPTIONAL BASE GROUP 1 (4" LIMEROCK, LBR 100)
 TYPE SF-6.5 STRUCTURAL COURSE (TRAFFIC C) (1")

TRAFFIC DATA
 CURRENT YEAR = 2019, AADT = 18,500 VPD
 ESTIMATED OPENING YEAR = 2024, AADT = 19,900 VPD
 ESTIMATED DESIGN YEAR = 2044, AADT = 28,900 VPD
 K = 10%, D = 0.3%, T = 4.0% (24-HOUR)
 DESIGN HOUR T = 1.124
 DESIGN SPEED = 45 MPH

MILL AND RESURFACING
 MILL EXISTING ASPHALT PAVEMENT (3.5" AVE. DEPTH) *
 TYPE SF-12.5 STRUCTURAL COURSE (TRAFFIC C) (2") *
 TYPE FC-12.5 FRICTION COURSE (TRAFFIC C) (1.5") *
 *IF EXISTING ASPHALT IS LESS THAN 3.5" MILL TO BASE AND RESURFACE WITH 2" OF TYPE SF-12.5 STRUCTURAL COURSE AND 1.5" OF TYPE FC-12.5 FRICTION COURSE. PAVEMENT CORE DATA SUGGESTS LESS THAN 3.5" OF EXISTING ASPHALT DEPTH FROM STA. 57+00 TO END OF PROJECT. SEE GENERAL CONSTRUCTION NOTES 29 AND 30 ON SHEET 3 FOR MORE INFORMATION.

WIDENING AND NW 77TH BLVD
 TYPE 3 STABILIZATION (LBR 40) (12")
 OPTIONAL BASE GROUP 8 (10" LIMEROCK, LBR 100)
 TYPE SF-12.5 STRUCTURAL COURSE (TRAFFIC C) (2")
 TYPE FC-12.5 FRICTION COURSE (TRAFFIC C) (1.5")

MILL AND RESURFACING DRIVEWAYS
 MILL EXISTING ASPHALT PAVEMENT (1.5" AVE. DEPTH)
 TYPE FC-12.5 FRICTION COURSE (TRAFFIC C) (1.5") OR
 TYPE SF-12.5 STRUCTURAL COURSE (TRAFFIC C) (1.5")

REVISIONS		DATE
DATE	DESCRIPTION	
	ISSUED FOR CONSTRUCTION	JUNE 2023

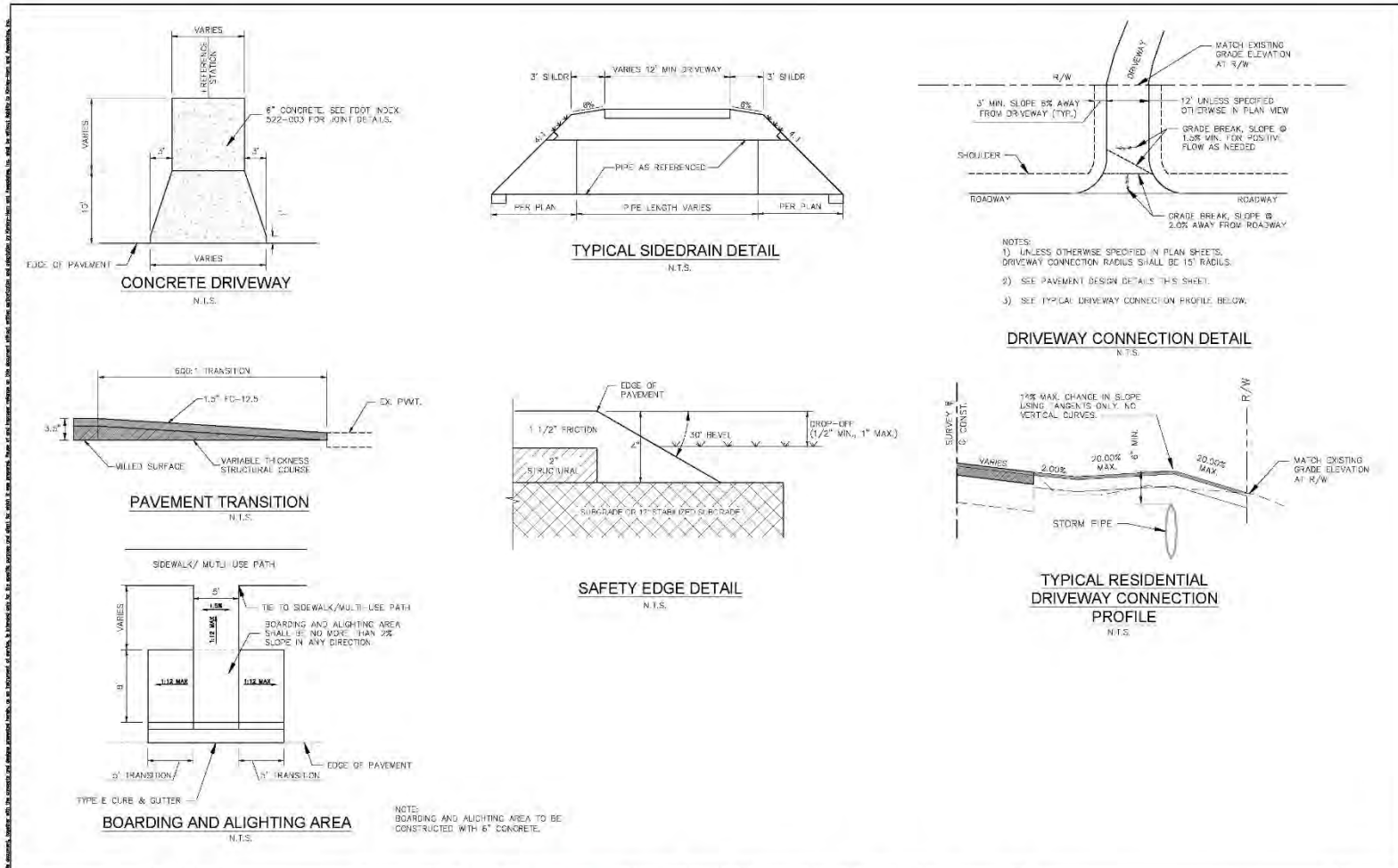
Kimley Horn
 © 2023 KIMLEY-HORN AND ASSOCIATES, INC.
 800 59 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY 38108

LICENSED PROFESSIONAL
 Christopher D. Towse P.E.
 66928
 DATE

COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

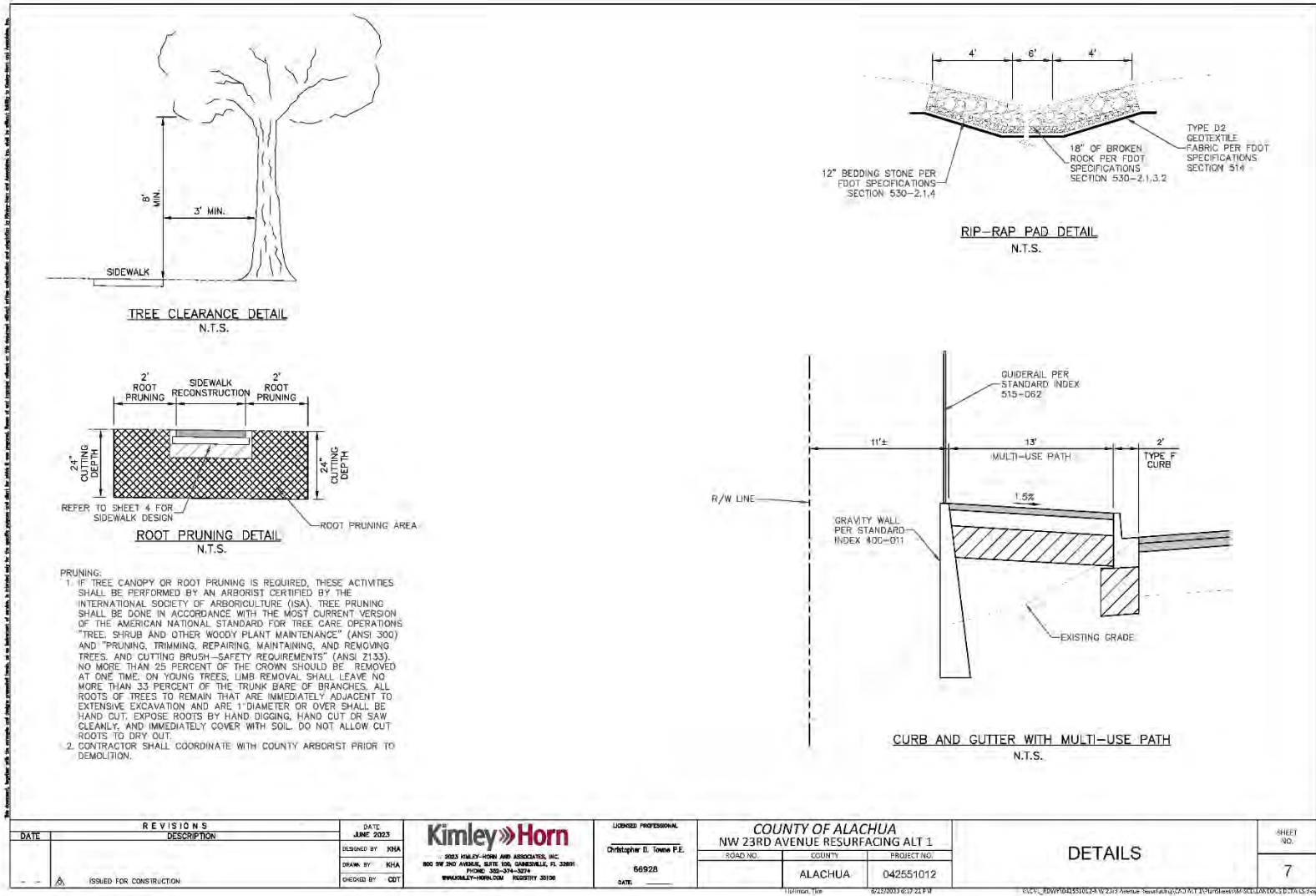
TYPICAL SECTION

SHEET NO.
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REVISIONS		DATE	BY	DESCRIPTION
		JUNE 2023	KHA	
			KHA	
			CDT	

<p>© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 591 2600 / 407 251 1500 / 352 241 1500 WWW.KIMLEY-HORN.COM / 66928</p>	LICENSED PROFESSIONAL Christopher D. Towne P.E. 66928 DATE: _____	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. ALACHUA PROJECT NO. 042551012	DETAILS SHEET NO. 6
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REVISIONS		DATE
DATE	DESCRIPTION	
	ISSUED FOR CONSTRUCTION	JUNE 2023

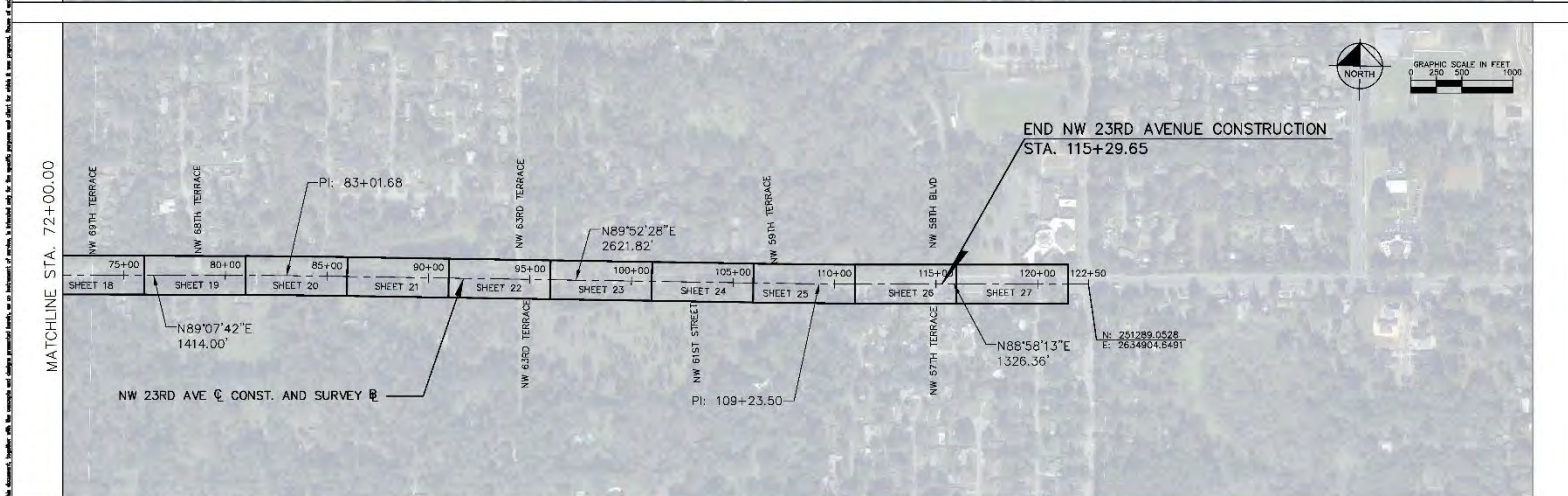
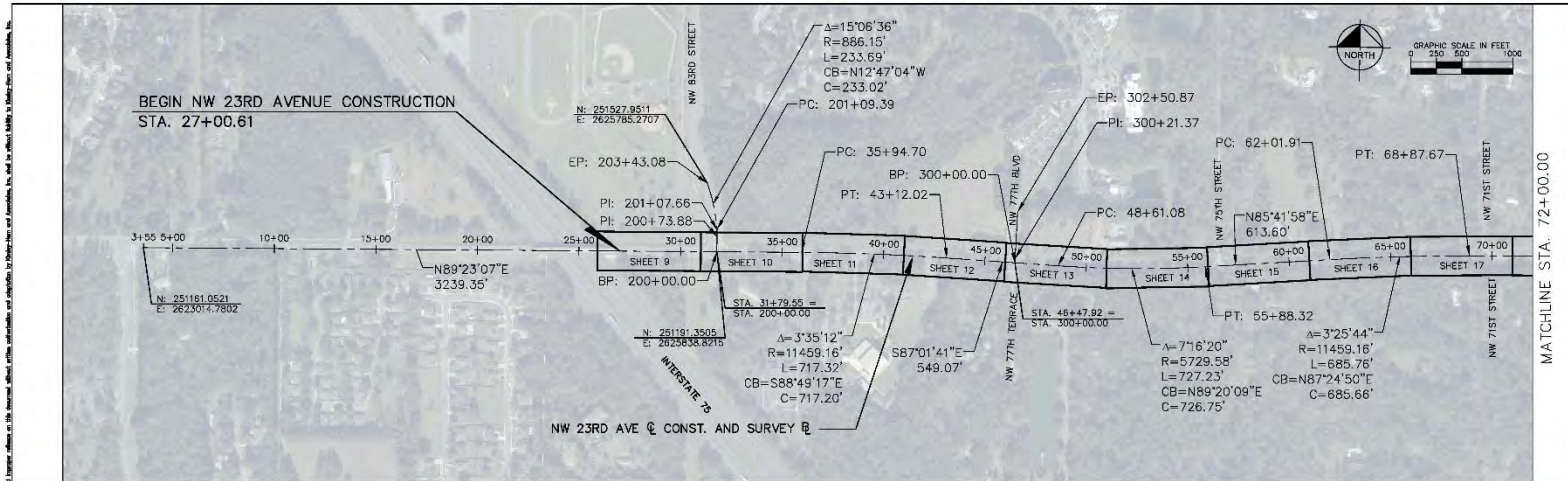
Kimley Horn
2023 KIMLEY-HORN AND ASSOCIATES, INC.
800 3RD AVENUE, SUITE 100, GAINESVILLE, FL 32601
PHONE: 352-374-3274
WWW.KIMLEY-HORN.COM PROJECT: 20126

LICENSED PROFESSIONAL
Christopher D. Towne P.E.
66928
DATE: _____

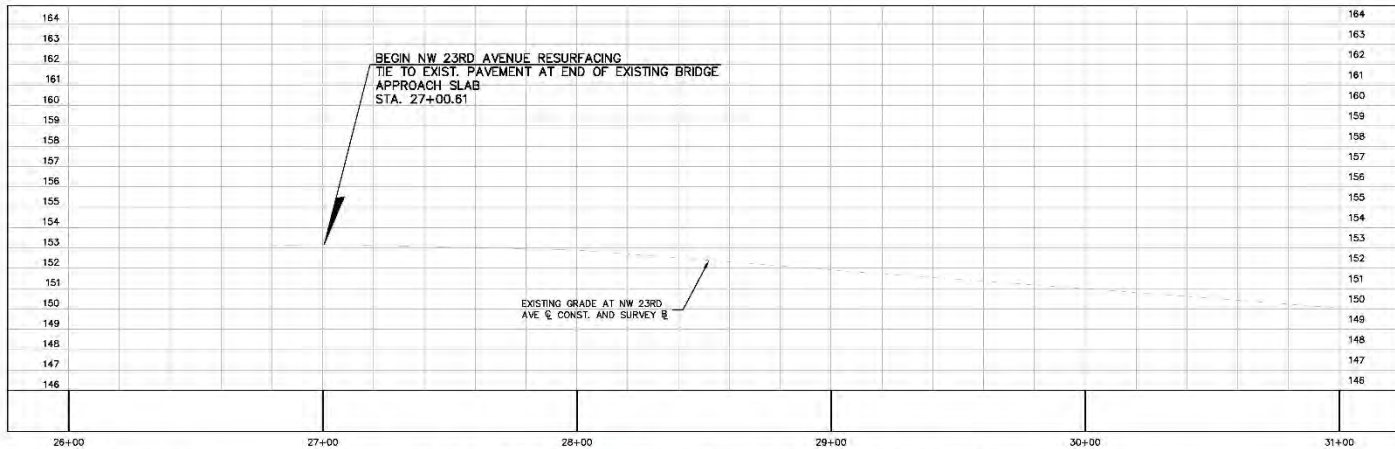
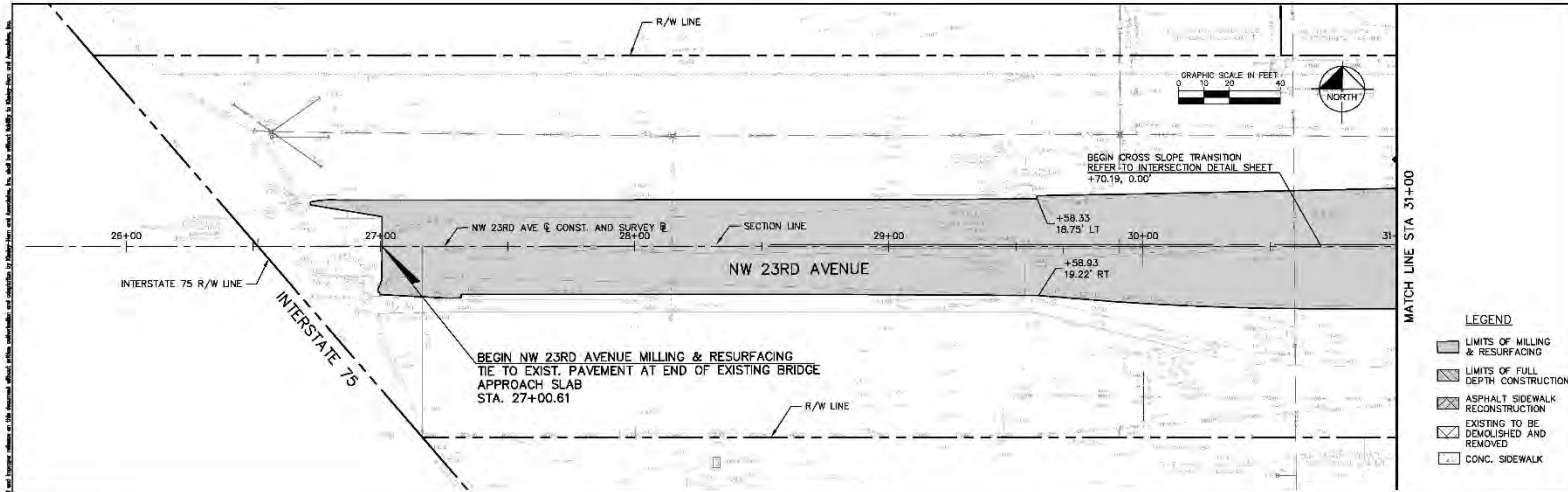
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ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

DETAILS	
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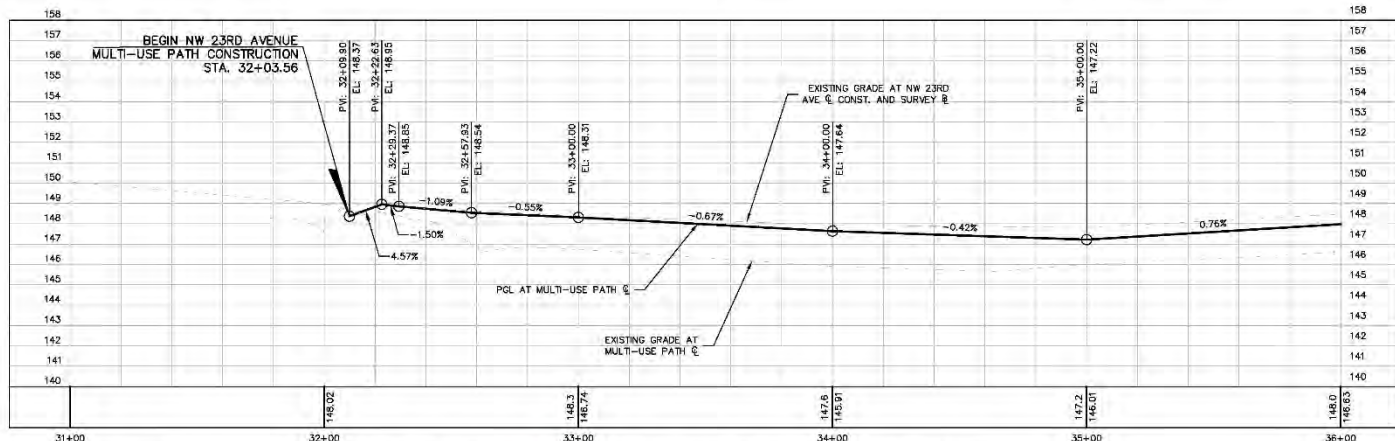
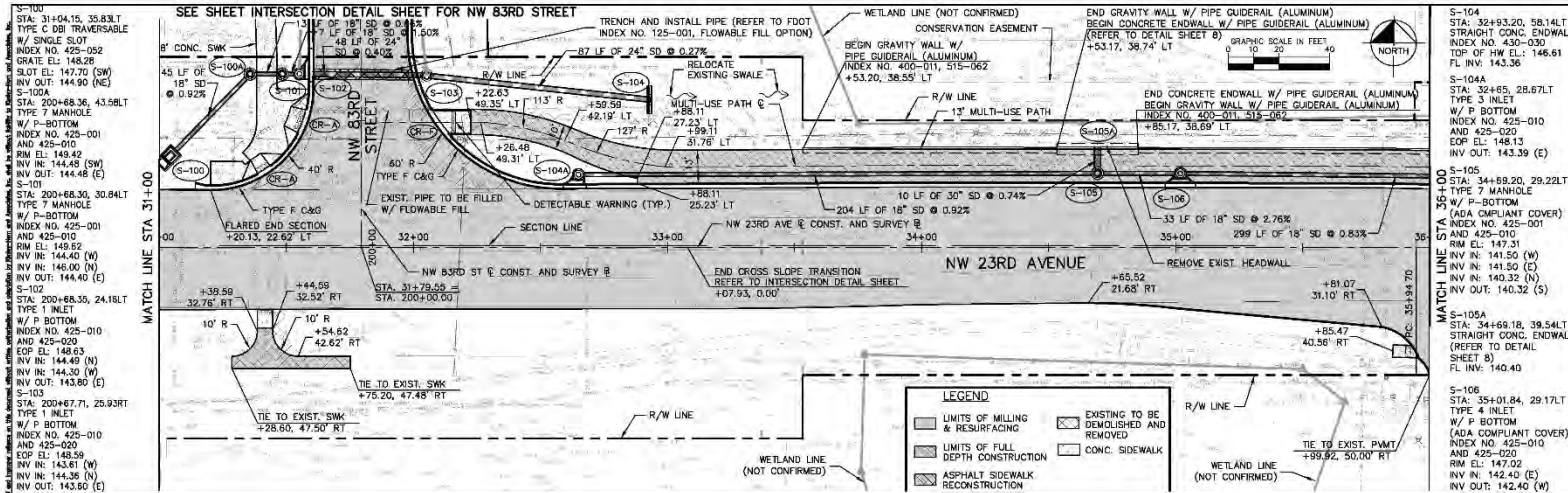
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REVISIONS DATE DESCRIPTION - - - ISSUED FOR CONSTRUCTION		DATE JUNE 2023 DESIGNED BY KHA DRAWN BY KHA CHECKED BY CBT	 3033 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE 352-374-3274 WWW.KIMLEY-HORN.COM REVISED 2018	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	PROJECT LAYOUT SHEET SHEET NO. 9
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REVISIONS DATE DESCRIPTION -- NOT FOR CONSTRUCTION		DATE JUN 2025 DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT	 2025 KIMLEY-HORN AND ASSOCIATES, INC. 400 SW 2ND AVENUE, SUITE 700, GAINESVILLE, FL 32609 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM ISSUED BY: 30/06	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	PLAN AND PROFILE SHEET NO. 10
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REVISIONS		DATE	DESIGNED BY	CHECKED BY	DATE	PROJECT NO.	SHEET NO.
		JUNE 2023	KHA	CDT		042551012	11

Kimley-Horn

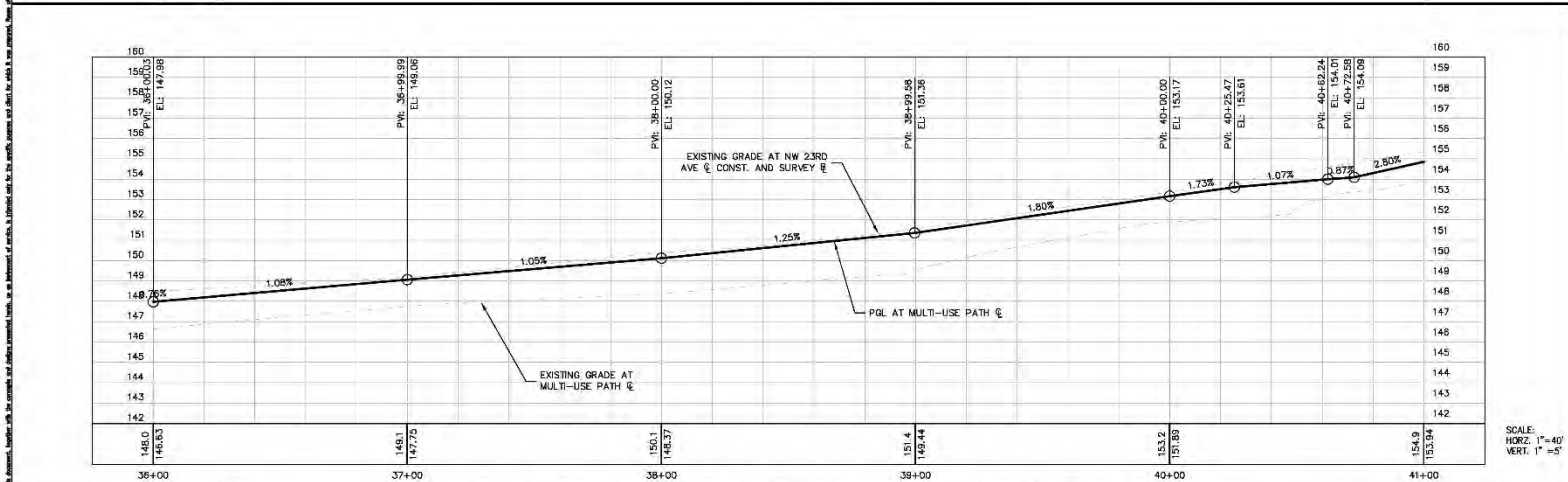
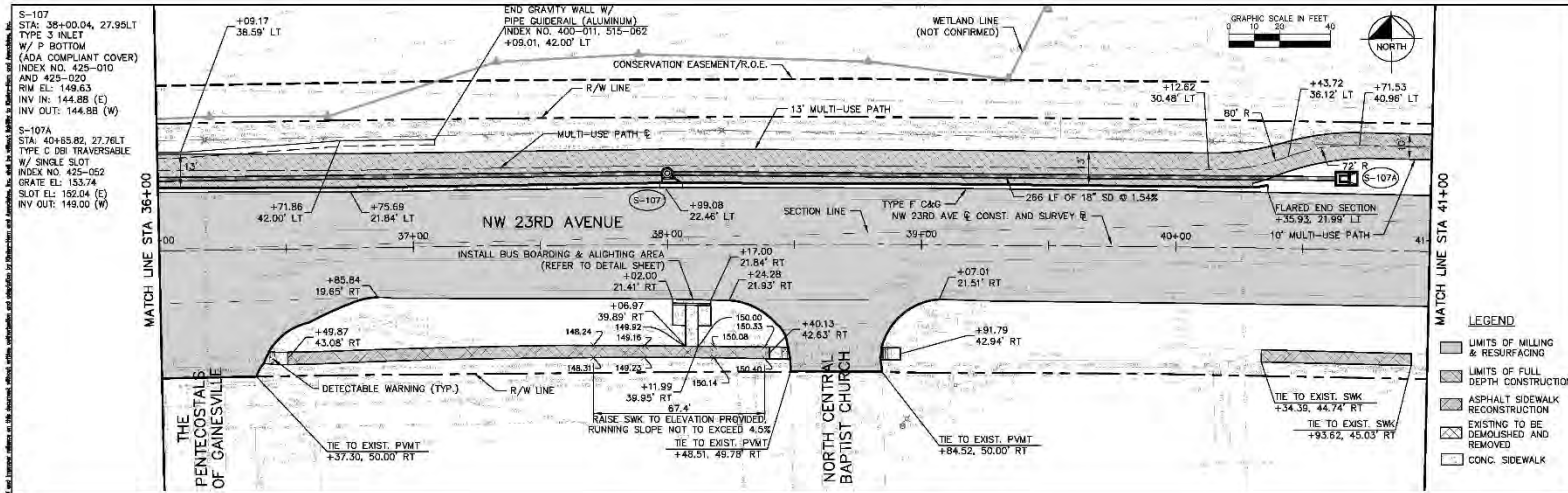
3003 PALM-TRAIL AND ASSOCIATES, INC.
 800 SW 2ND AVENUE, SUITE 100, MIAMI, FL 33135
 PHONE: 305-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY: 51106

REGISTERED PROFESSIONAL
Christopher D. Towse P.E.
 66928

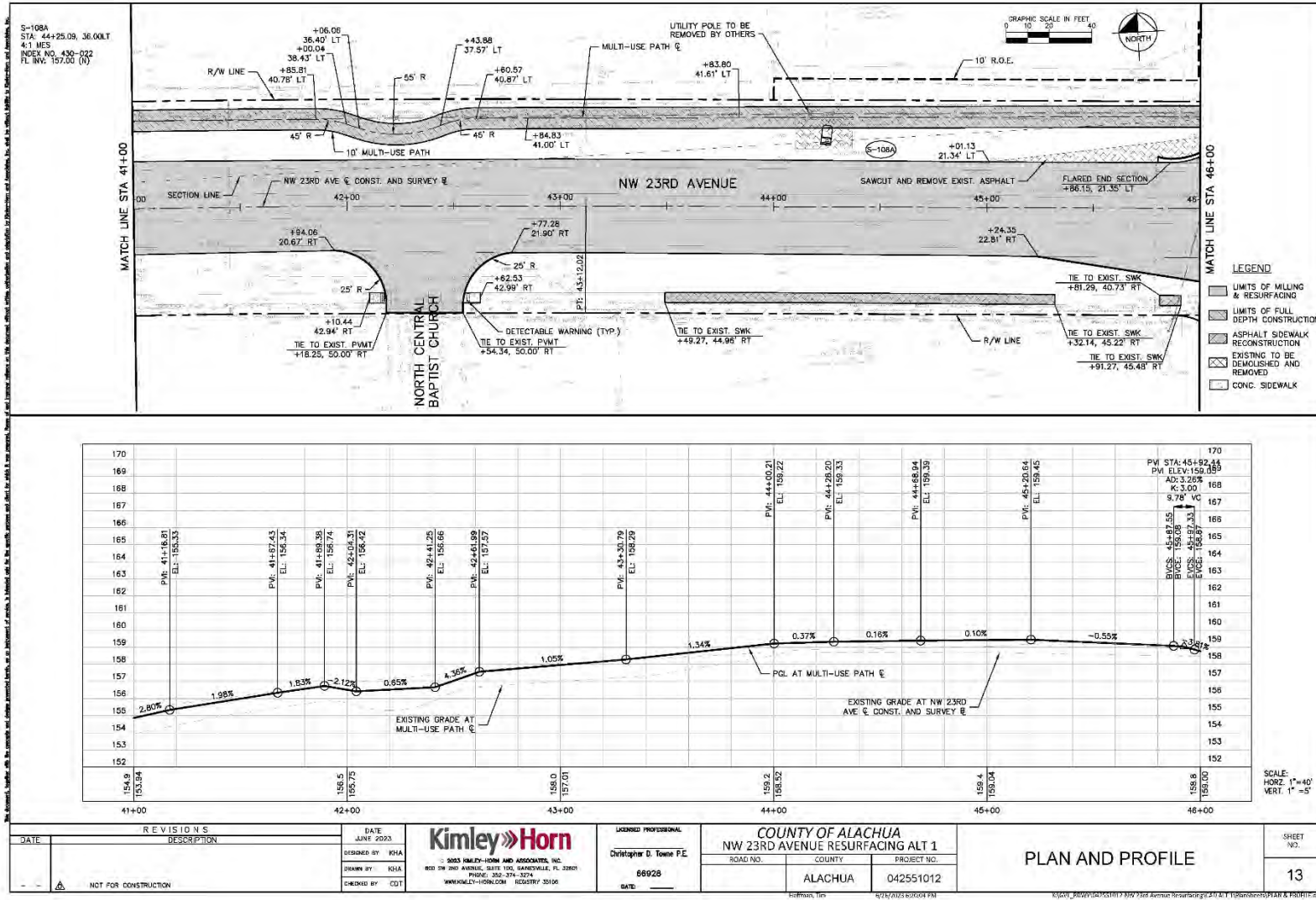
COUNTY OF ALACHUA
 NW 23RD AVENUE RESURFACING ALT 1

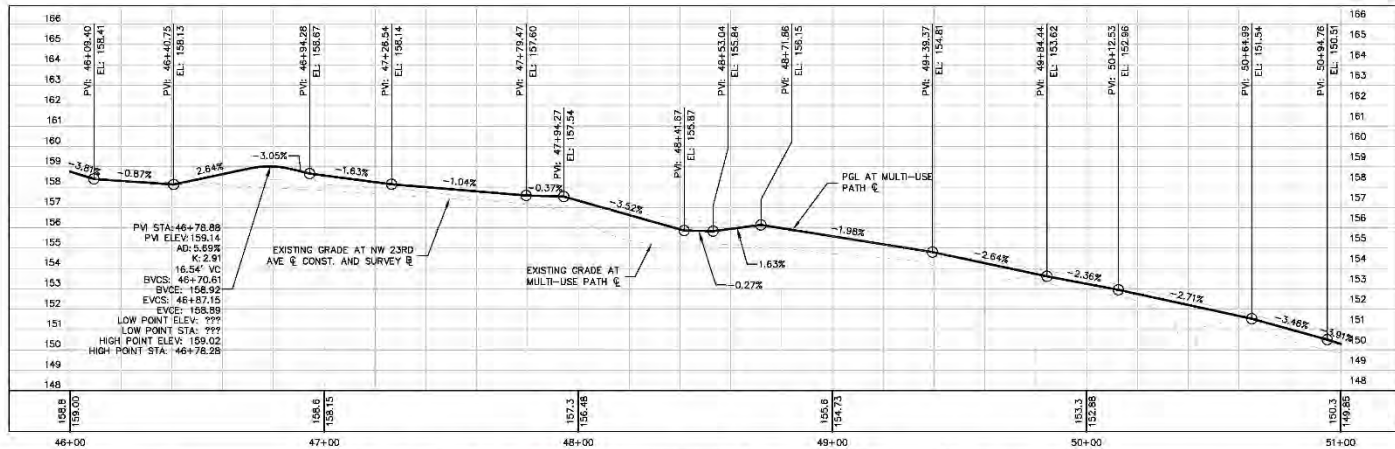
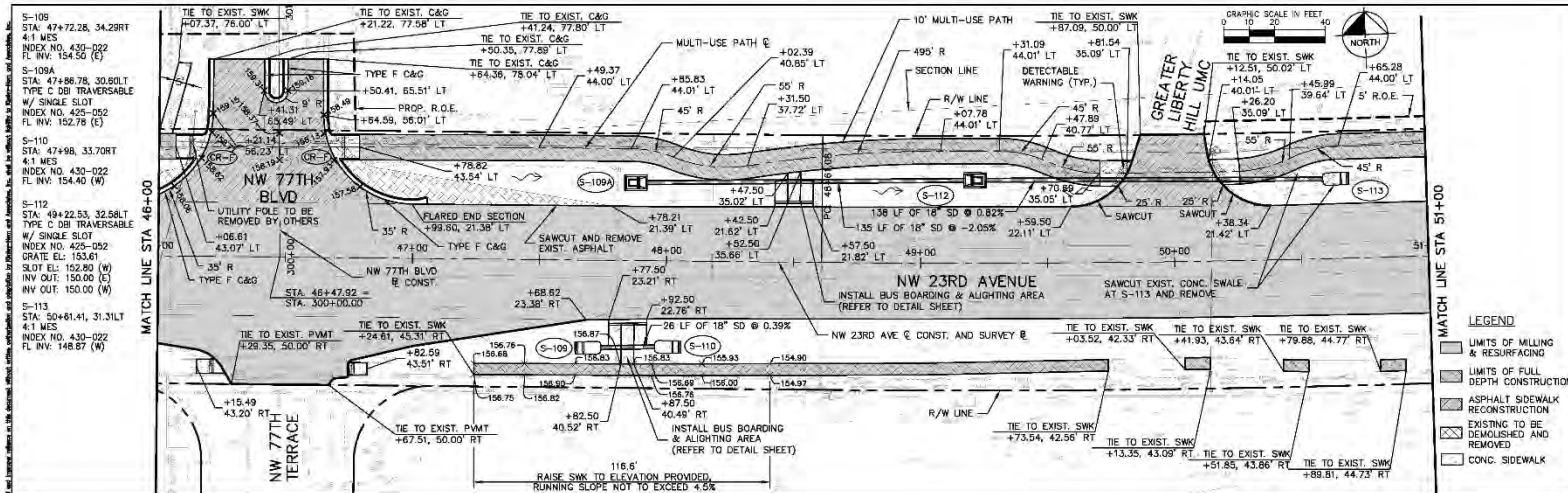
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ALACHUA	ALACHUA	042551012

PLAN AND PROFILE



REVISIONS DATE DESCRIPTION - - - NOT FOR CONSTRUCTION		DATE: JUNE 2023 DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT	 3003 KIMLEY-HORN AND ASSOCIATES, INC. 500 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3774 WWW.KIMLEY-HORN.COM REGISTRY: 35106	LICENSED PROFESSIONAL Christopher D. Iovine P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. ALACHUA PROJECT NO. 042551012	PLAN AND PROFILE SCALE: HORZ. 1"=40' VERT. 1"=5' SHEET NO. 12
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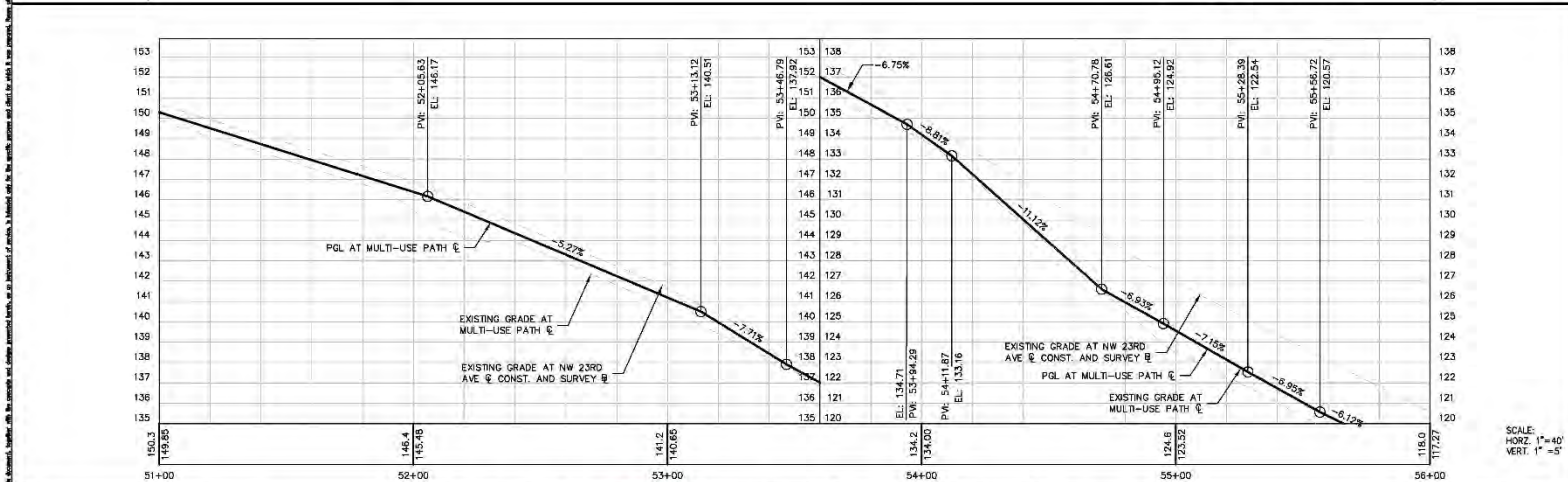
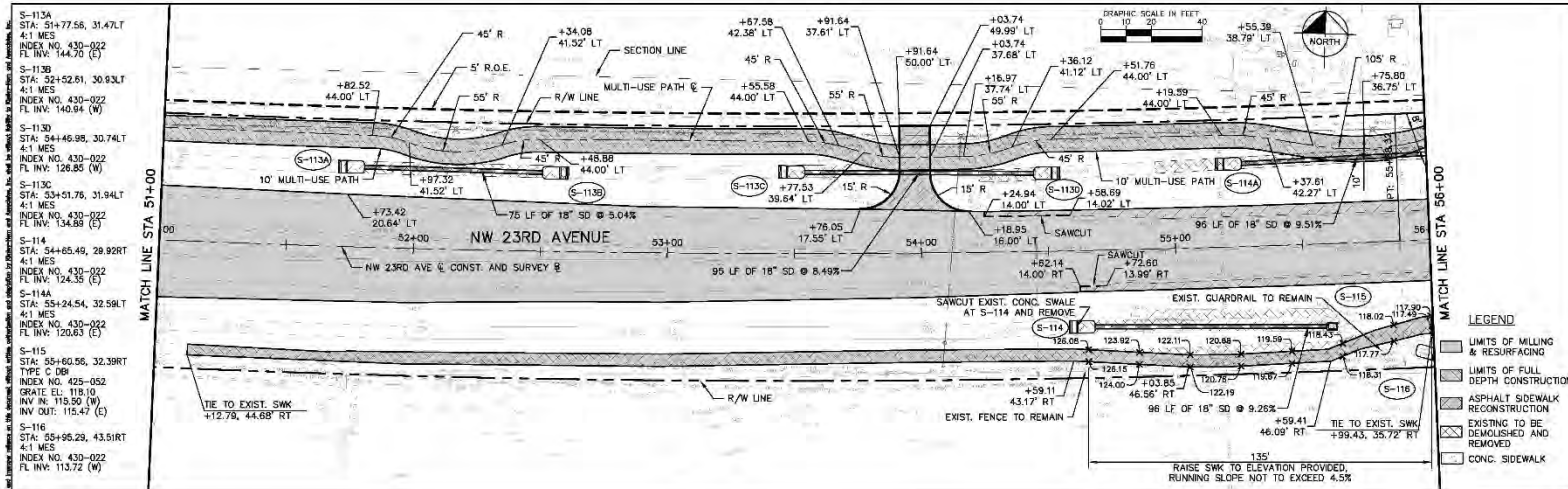
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DATE	DESCRIPTION	JUNE 2023	KHA	KHA	CDI		042551012	14
NOT FOR CONSTRUCTION								

Kimley Horn
 3603 PALM-FRUIT AND ASSOCIATES, INC.
 800 SW 2ND AVENUE, SUITE 100, MIAMI, FL 33135
 PHONE: 305-374-3274
 WWW.KIMLEY-HORN.COM | REGISTRY: 25106

Licensed Professional
 Christopher D. Towse P.E.
 66928

COUNTY OF ALACHUA
 NW 23RD AVENUE RESURFACING ALT 1
 ROAD NO. ALACHUA PROJECT NO. 042551012

PLAN AND PROFILE



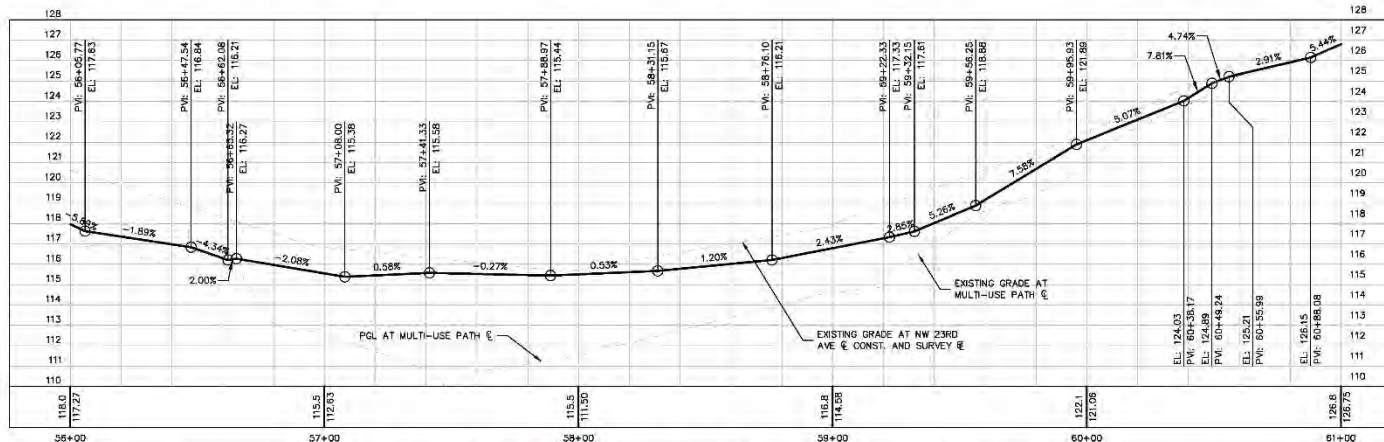
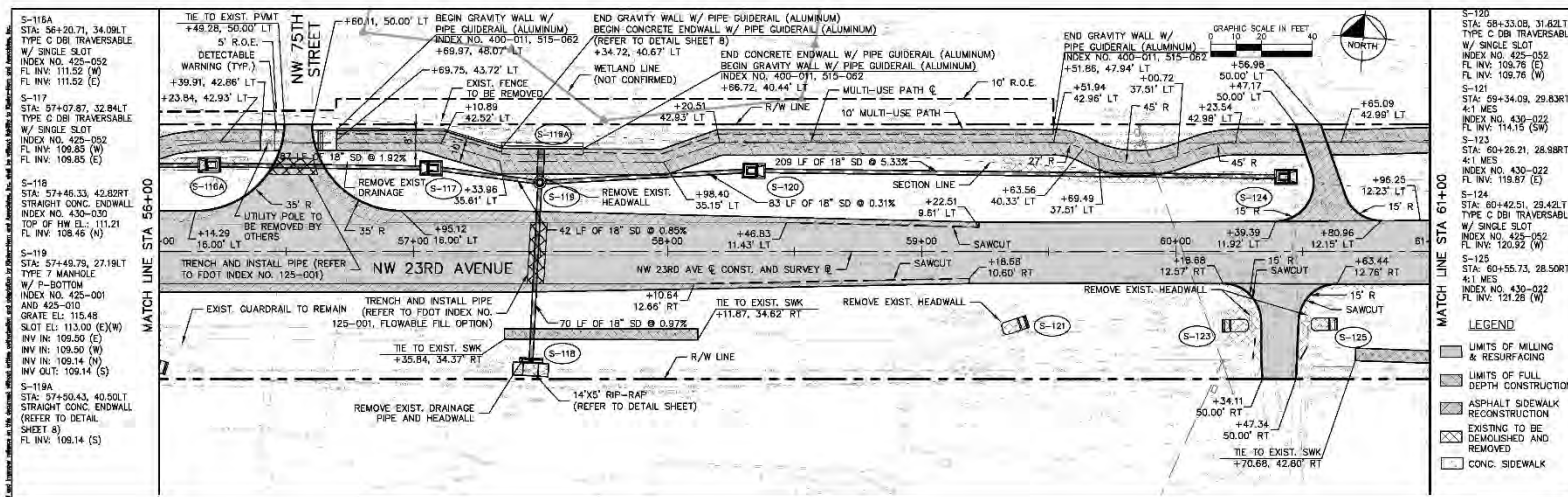
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Kimley Horn

COUNTY OF ALACHUA

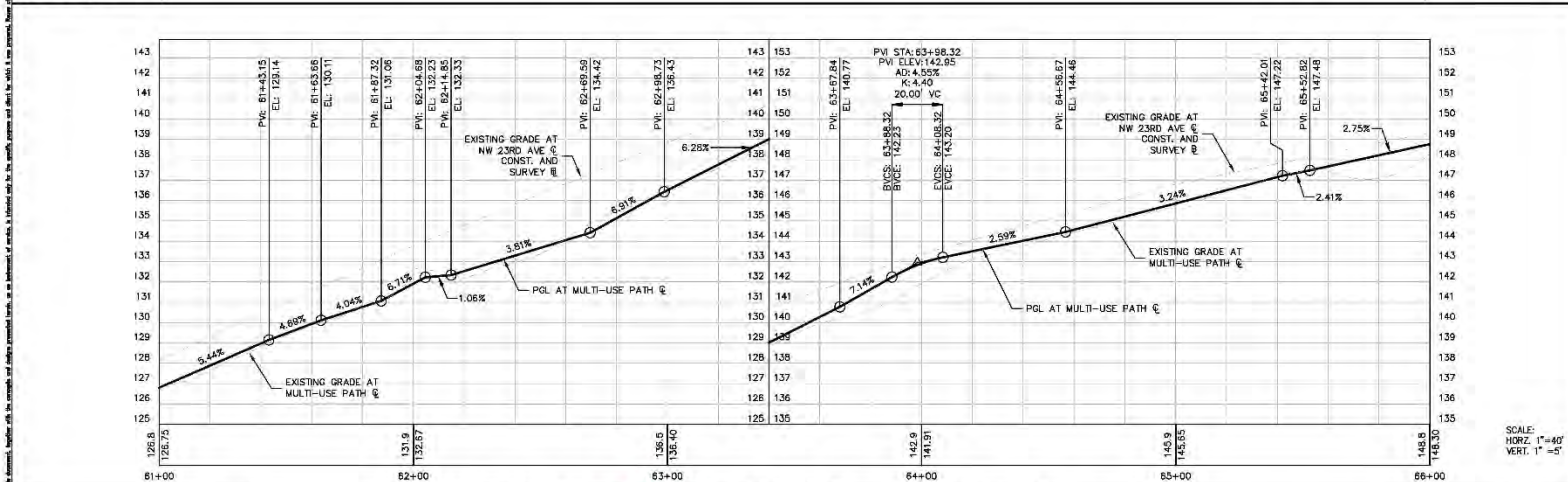
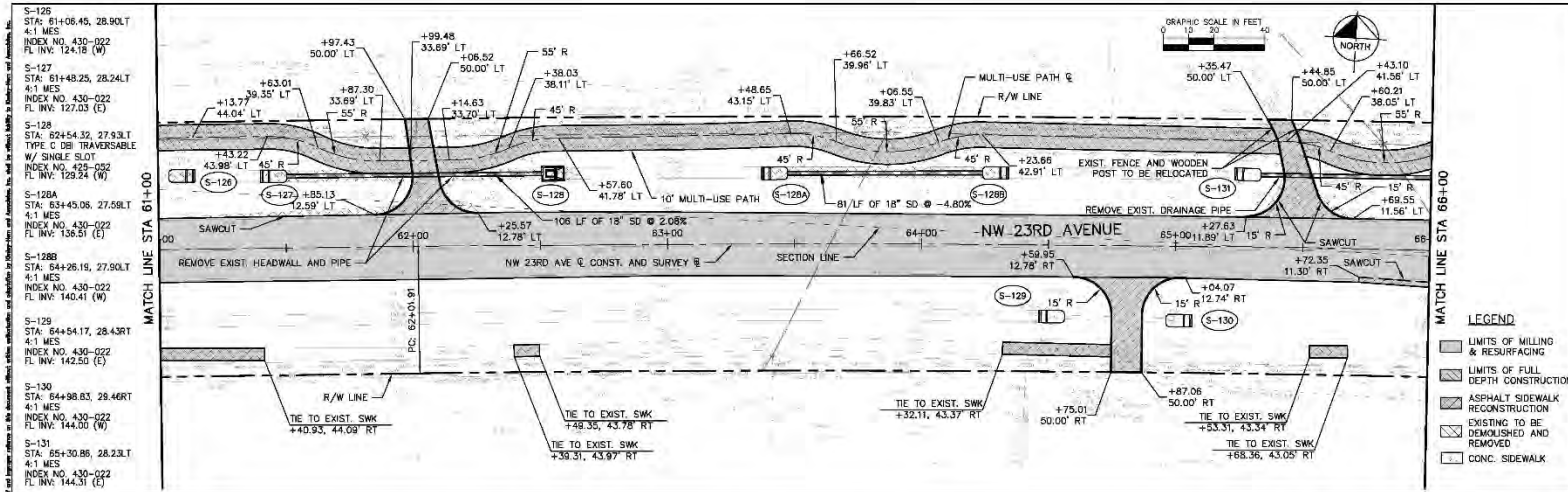
NW 23RD AVENUE RESURFACING ALT 1

ALACHUA COUNTY PROJECT NO. 042551012

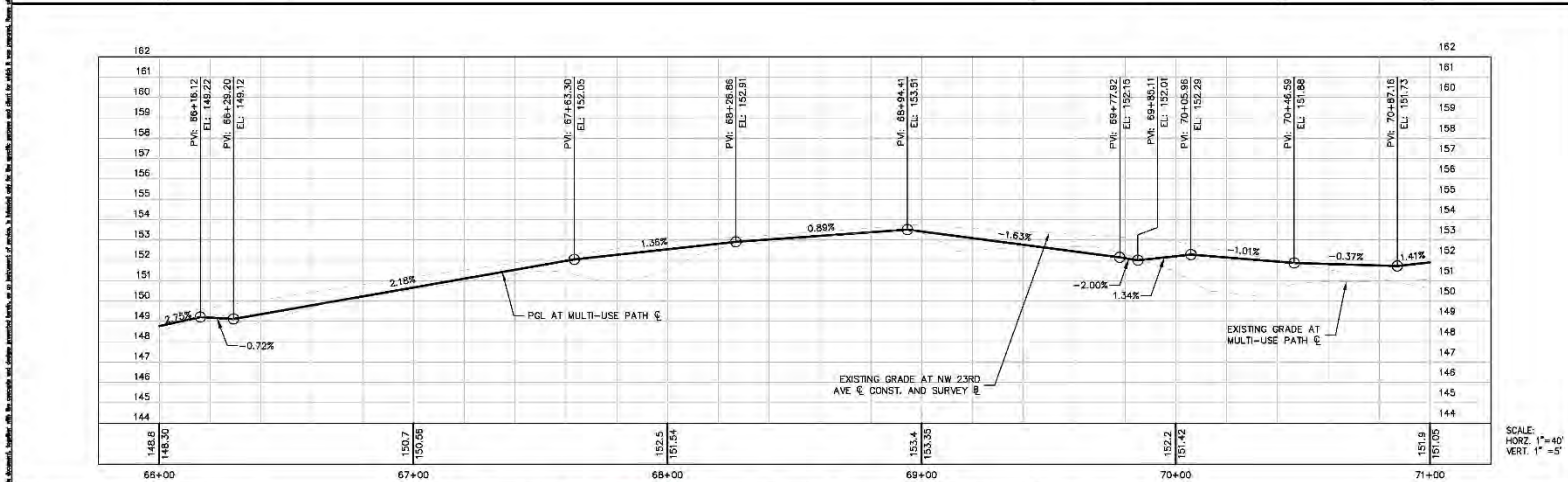
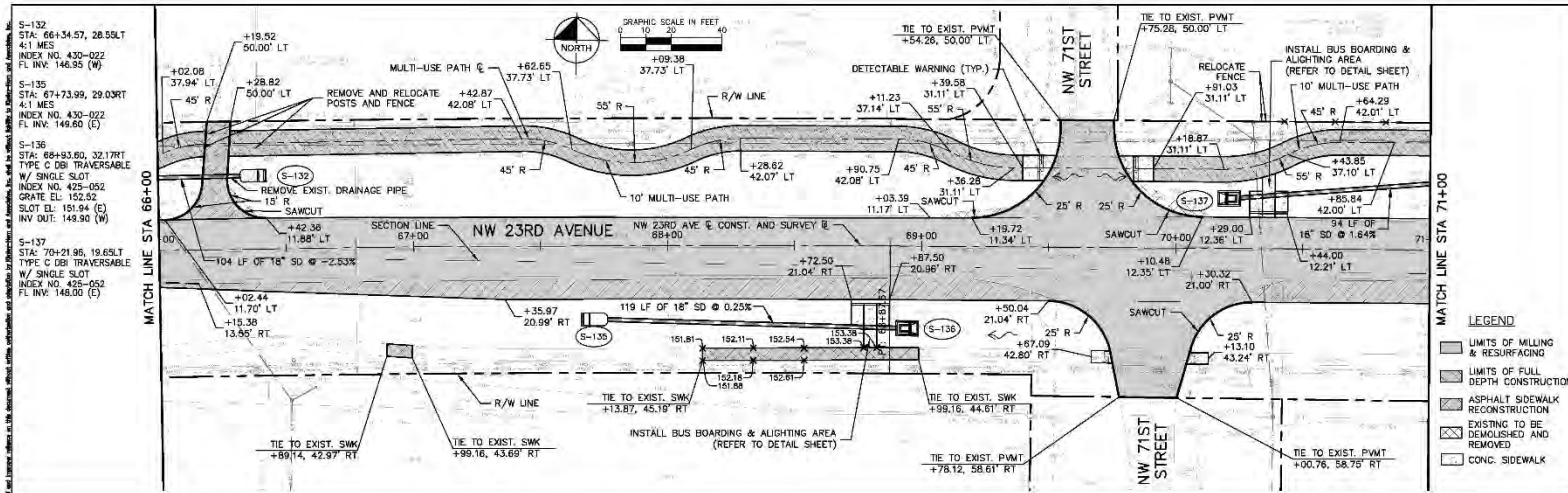


REVISIONS		DATE	DESCRIPTION
		JUNE 2023	

DESIGNED BY: KHA	<p>3053 PALM-FY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, MIAMI, FL 33135 PHONE: 305-374-3724 WWW.KIMLEY-HORN.COM REGISTRY: 55106</p>	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE: _____	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. ALACHUA PROJECT NO. 042551012	PLAN AND PROFILE SHEET NO. 16
DRAWN BY: KHA		ALACHUA	042551012	
CHECKED BY: CDT		ALACHUA	042551012	

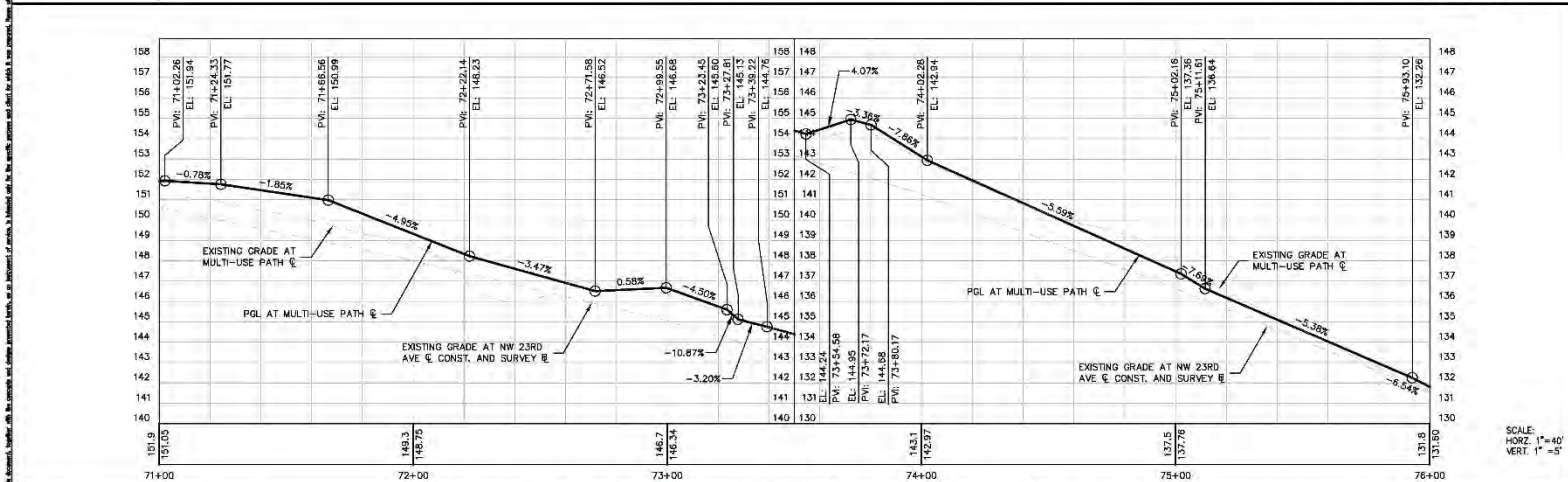
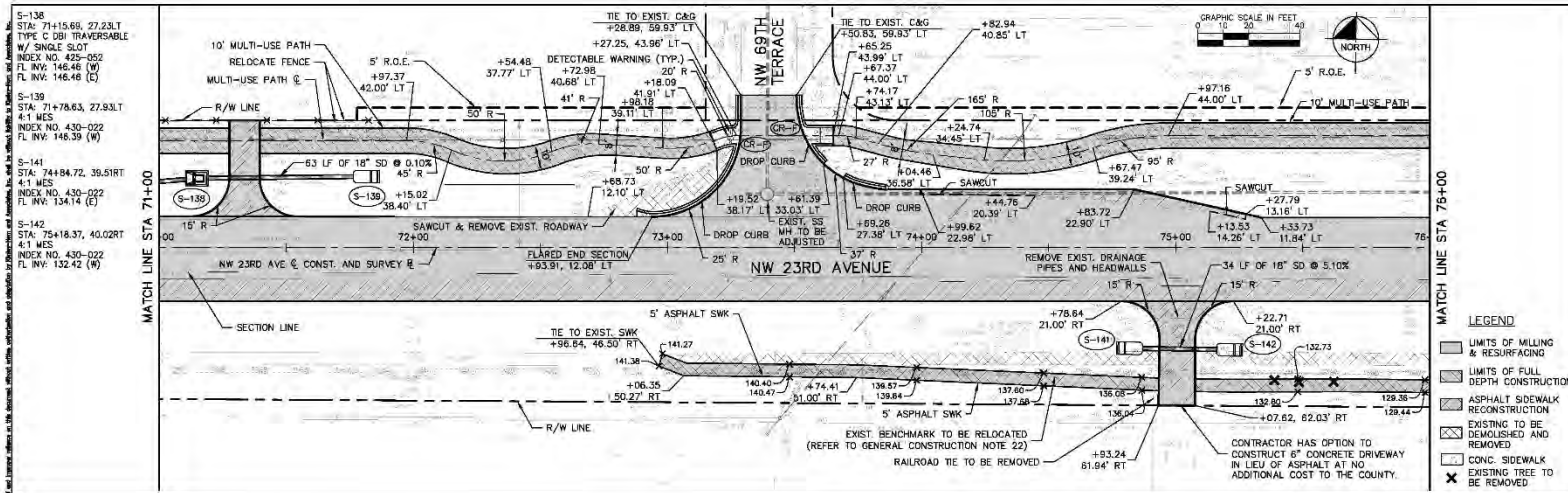


REVISIONS DATE DESCRIPTION - - - NOT FOR CONSTRUCTION		DATE: JUNE 2023 DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDJ	 Kimley-Horn and Associates, Inc. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3774 WWW.KIMLEY-HORN.COM REGISTRY: 35106	LICENSED PROFESSIONAL Christopher D. Iovine P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO.: ALACHUA PROJECT NO.: 042551012	PLAN AND PROFILE	SHEET NO. 17
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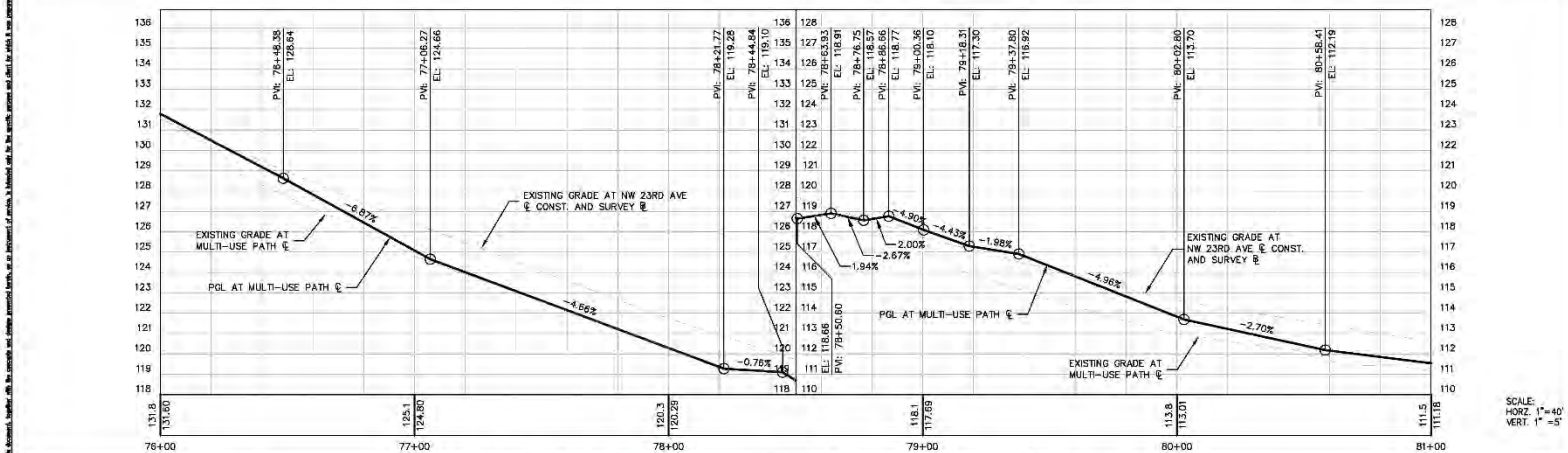
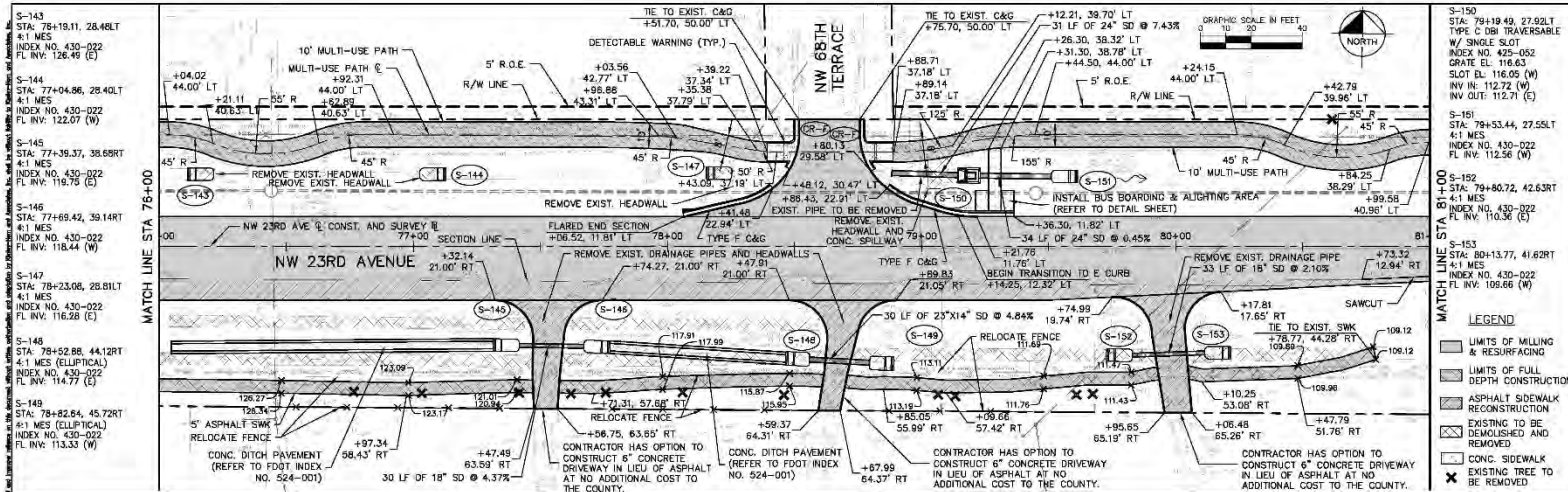


REVISIONS		DATE	DESCRIPTION
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DESIGNED BY	KHA		
DRAWN BY	KHA		
CHECKED BY	CDT		

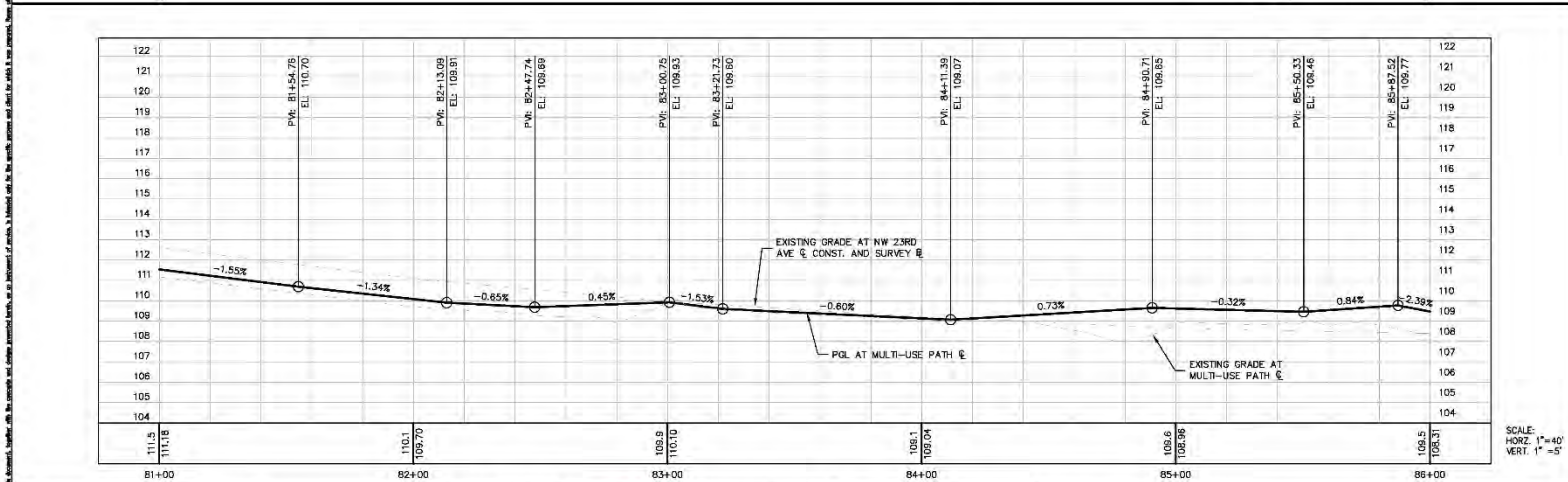
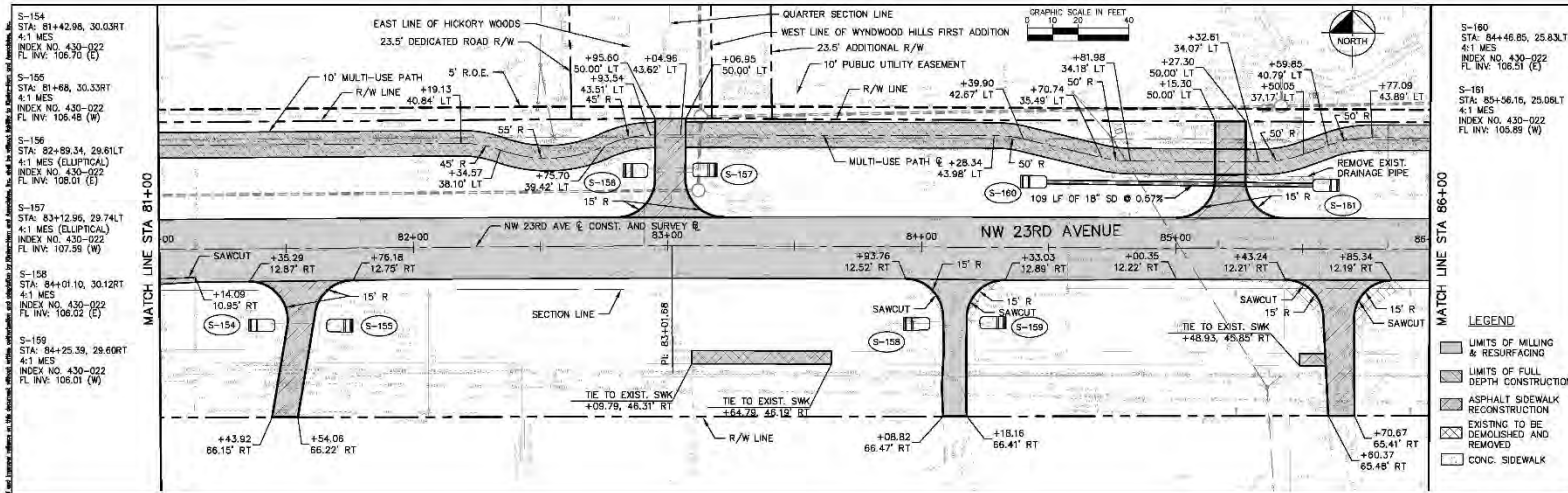
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REVISIONS DATE DESCRIPTION NOT FOR CONSTRUCTION		DATE: JUNE 2023 DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT	 303 KIMLEY-HORN AND ASSOCIATES, INC. 130 SW 9TH AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3774 WWW.KIMLEY-HORN.COM REGISTRY: 51106	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	PLAN AND PROFILE	SHEET NO. 19
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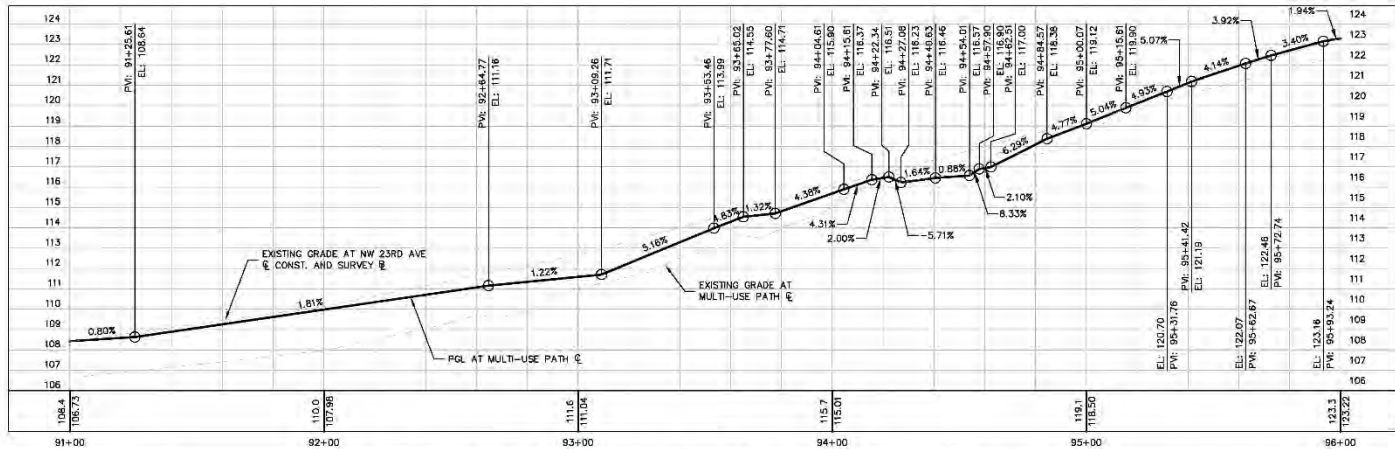
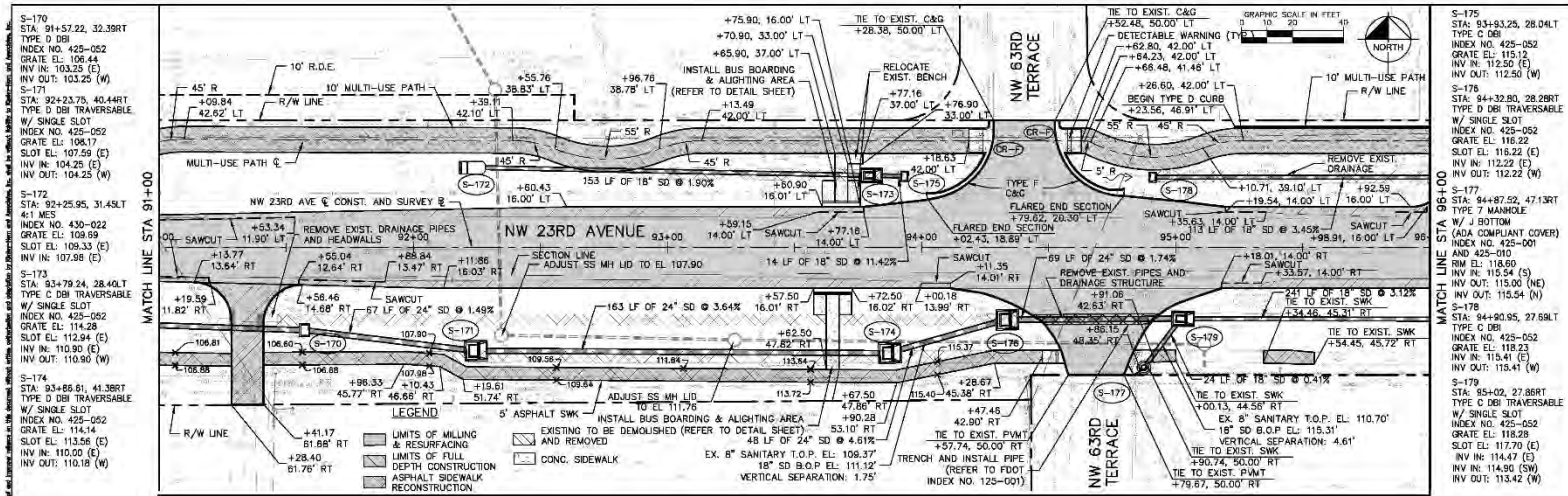


REVISIONS		DATE	DATE	LICENSED PROFESSIONAL	COUNTY OF ALACHUA		PROJECT NO.	SHEET NO.
DATE	DESCRIPTION	DESIGNED BY	DATE		ALACHUA	042551012		
-	NOT FOR CONSTRUCTION			Christopher D. Towse P.E.	ALACHUA	042551012	20	



REVISIONS		DATE	DESIGNED BY	CHECKED BY	DATE
		JUNE 2023	KHA	CDT	

Kimley-Horn 3033 PALM-FERN AND ASSOCIATES, INC. 800 SW 8TH AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3724 WWW.KIMLEY-HORN.COM REGISTRY: 25106		LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE: _____	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	PLAN AND PROFILE	SHEET NO. 21
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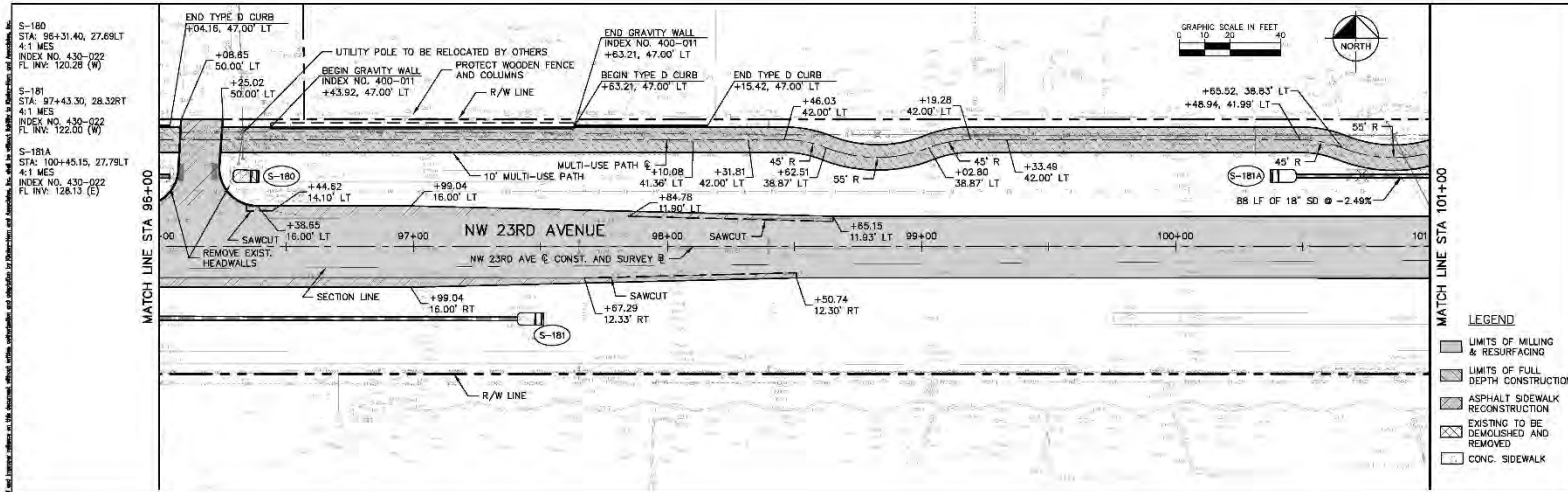
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Kimley-Horn
 3605 PALM-HIGH AND ASSOCIATES, INC.
 100 SW 2ND AVENUE, SUITE 100, MARLBOROUGH, FL 32835
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY: 35106

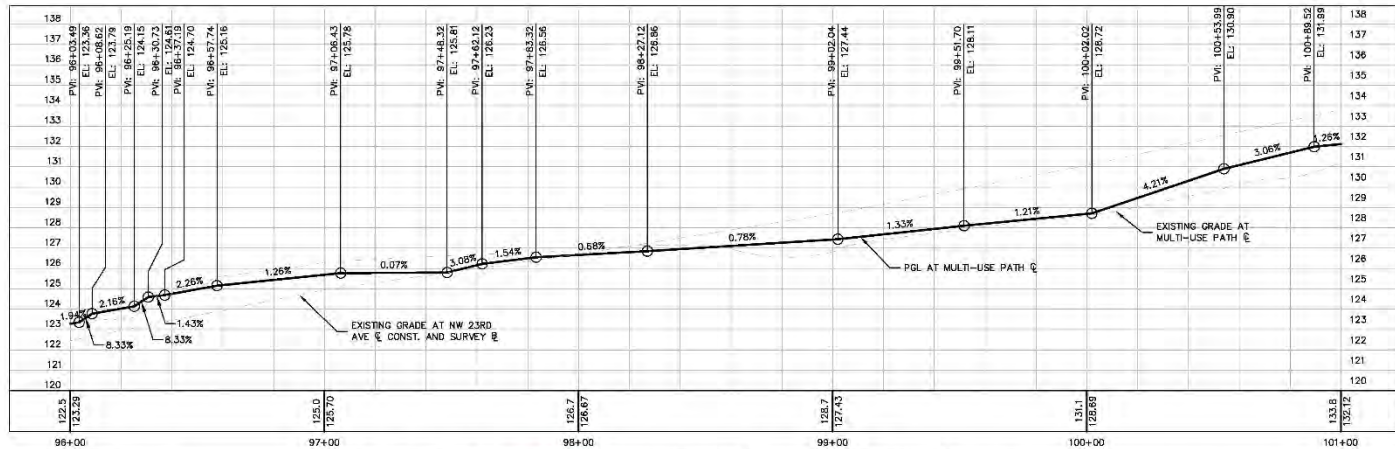
LICENSED PROFESSIONAL
 Christopher D. Towse P.E.
 66928
 DATE

COUNTY OF ALACHUA
 NW 23RD AVENUE RESURFACING ALT 1
 ROAD NO. COUNTY PROJECT NO.
 ALACHUA 042551012

PLAN AND PROFILE
 SHEET NO. 23



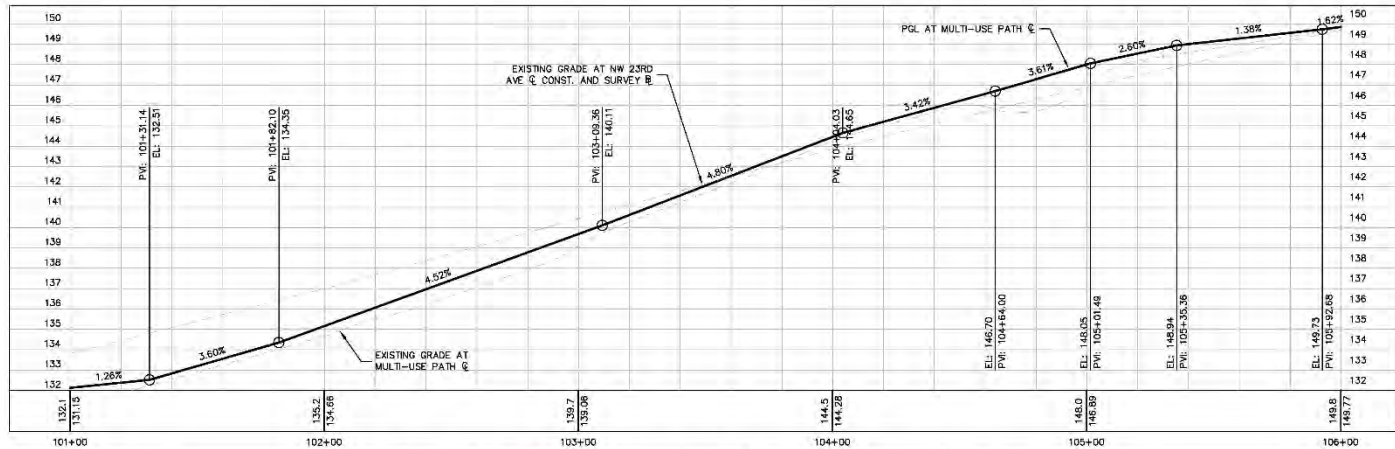
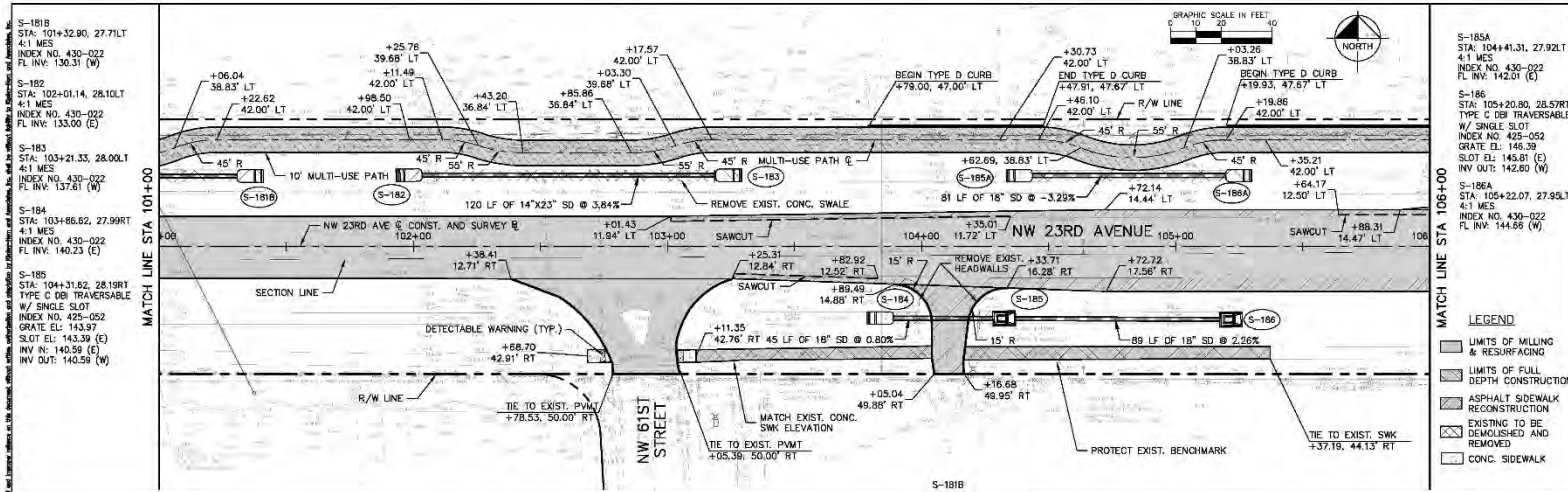
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 - [Symbol] LIMITS OF FULL DEPTH CONSTRUCTION
 - [Symbol] ASPHALT SIDEWALK RECONSTRUCTION
 - [Symbol] EXISTING TO BE DEMOLISHED AND REMOVED
 - [Symbol] CONC. SIDEWALK



SCALE:
HORIZ. 1"=40'
VERT. 1"=5'

REVISIONS		DATE	DESCRIPTION
		JUNE 2023	
		DESIGNED BY	KHA
		DRAWN BY	KHA
		CHECKED BY	CDT

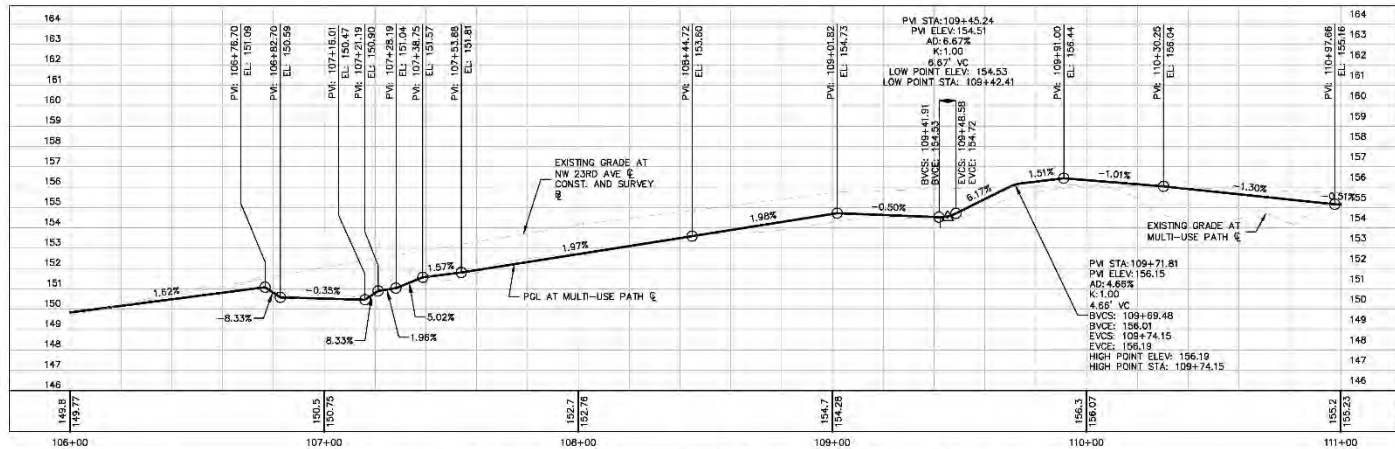
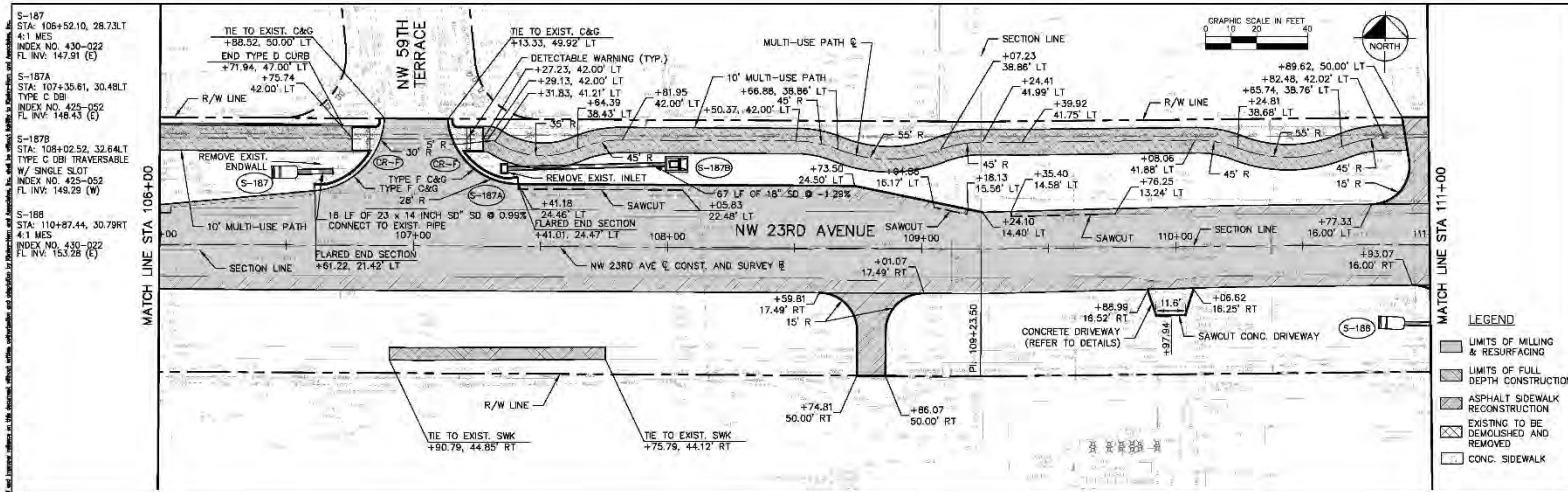
		LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE: _____	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	PLAN AND PROFILE SHEET NO. 24
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REVISIONS		DATE	DESCRIPTION
		JUNE 2023	
		DESIGNED BY: KHA	
		DRAWN BY: KHA	
		CHECKED BY: CDT	

		LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE: _____
COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
ALACHUA	ALACHUA	042551012

PLAN AND PROFILE		SHEET NO. 25
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REVISIONS		DATE	DESIGNED BY	CHECKED BY	DATE	PROJECT NO.	SHEET NO.
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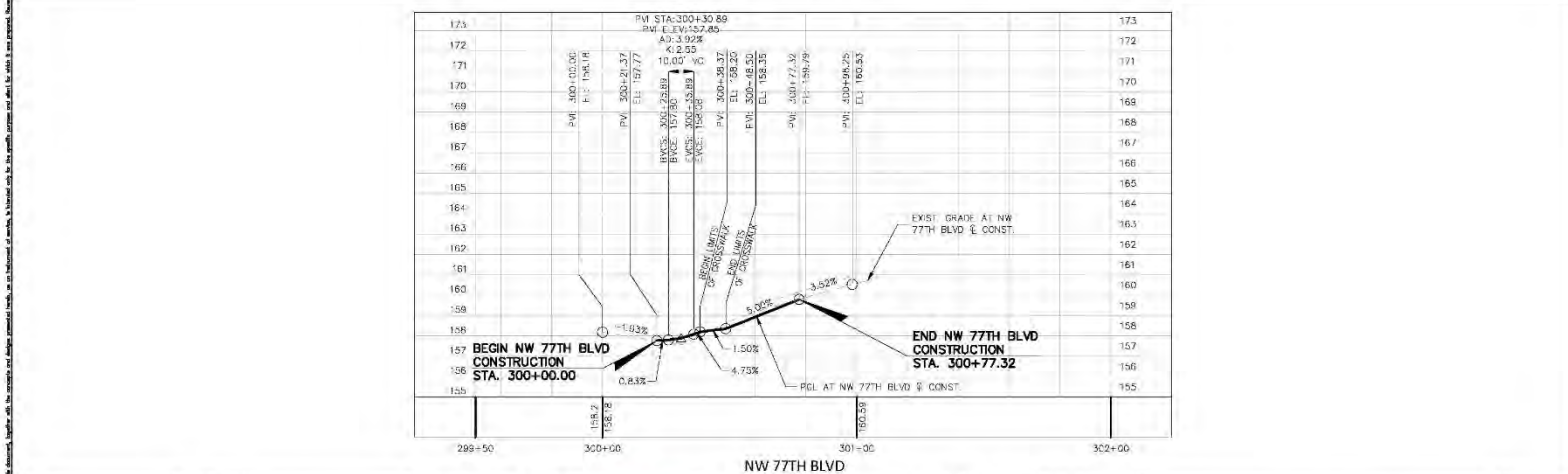
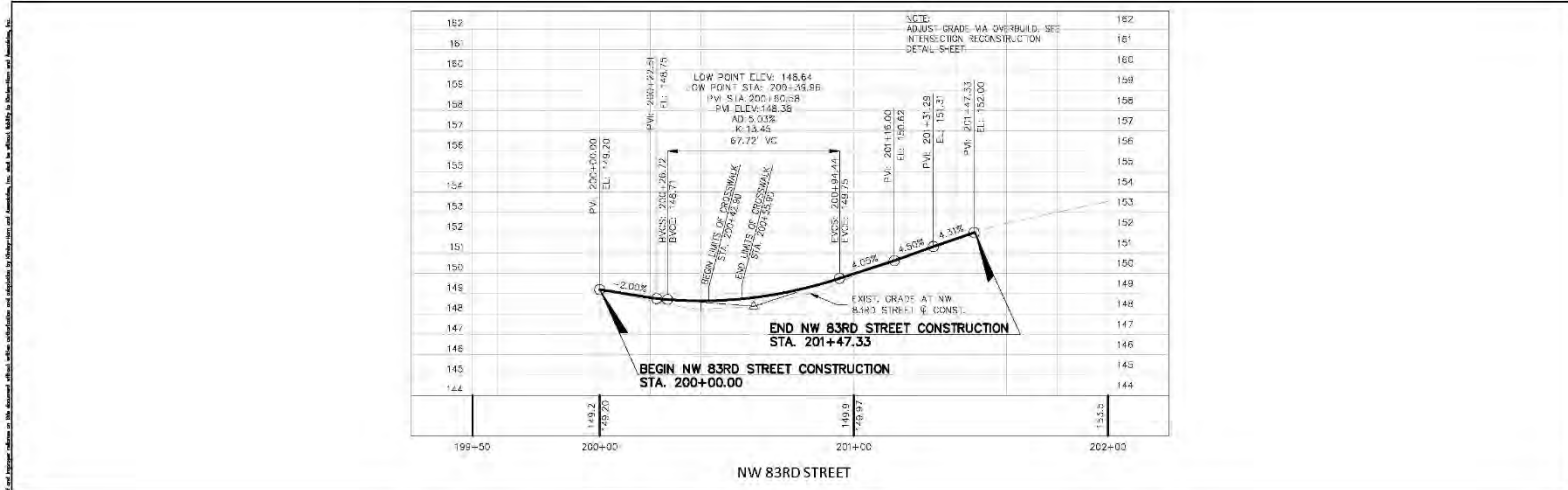


REGISTERED PROFESSIONAL
 Christopher D. Towse P.E.
 66928
 DATE: _____

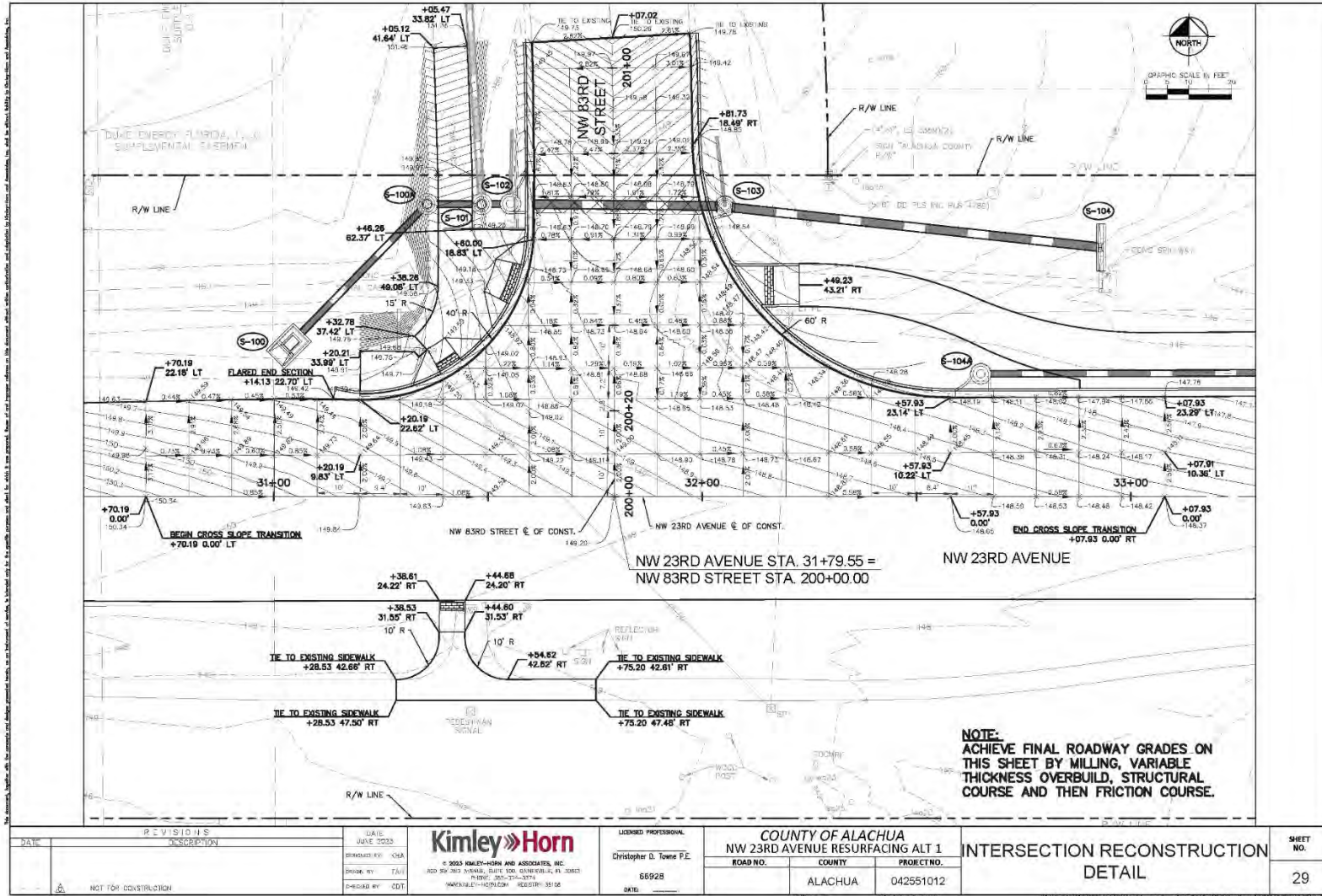
COUNTY OF ALACHUA
 NW 23RD AVENUE RESURFACING ALT 1
 ROAD NO. ALACHUA PROJECT NO. 042551012

PLAN AND PROFILE

SHEET NO.
 26



REVISIONS		DATE		LICENSED PROFESSIONAL Christopher D. Towse P.E. 65928 DATE: _____	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		PROJECT NO. ALACHUA 042551012	SHEET NO. 28
DATE	DESCRIPTION	DRAWN BY: KJA CHECKED BY: CDT			ROAD NO. ALACHUA	PROJECT NO. 042551012		
	NOT FOR CONSTRUCTION		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 400 SW 20th AVENUE, SUITE 100 GAINESVILLE, FL 32608 PHONE: 352-339-3331 WWW.KIMLEY-HORN.COM REGISTRY: 35106	HOFFMAN TM 6/20/2023 12:27:51 PM	PROFILES		K:\04_2551012\NW 23rd Avenue Resurfacing\CD 111\KimHorn\PLAN & PROFILE.dwg	



REVISIONS	
DATE	DESCRIPTION

© 2013 KIMLEY-HORN AND ASSOCIATES, INC.

 1000 W. 10TH AVENUE, SUITE 100, GAINESVILLE, FL 32601

 (352) 385-7777 FAX (352) 385-7778

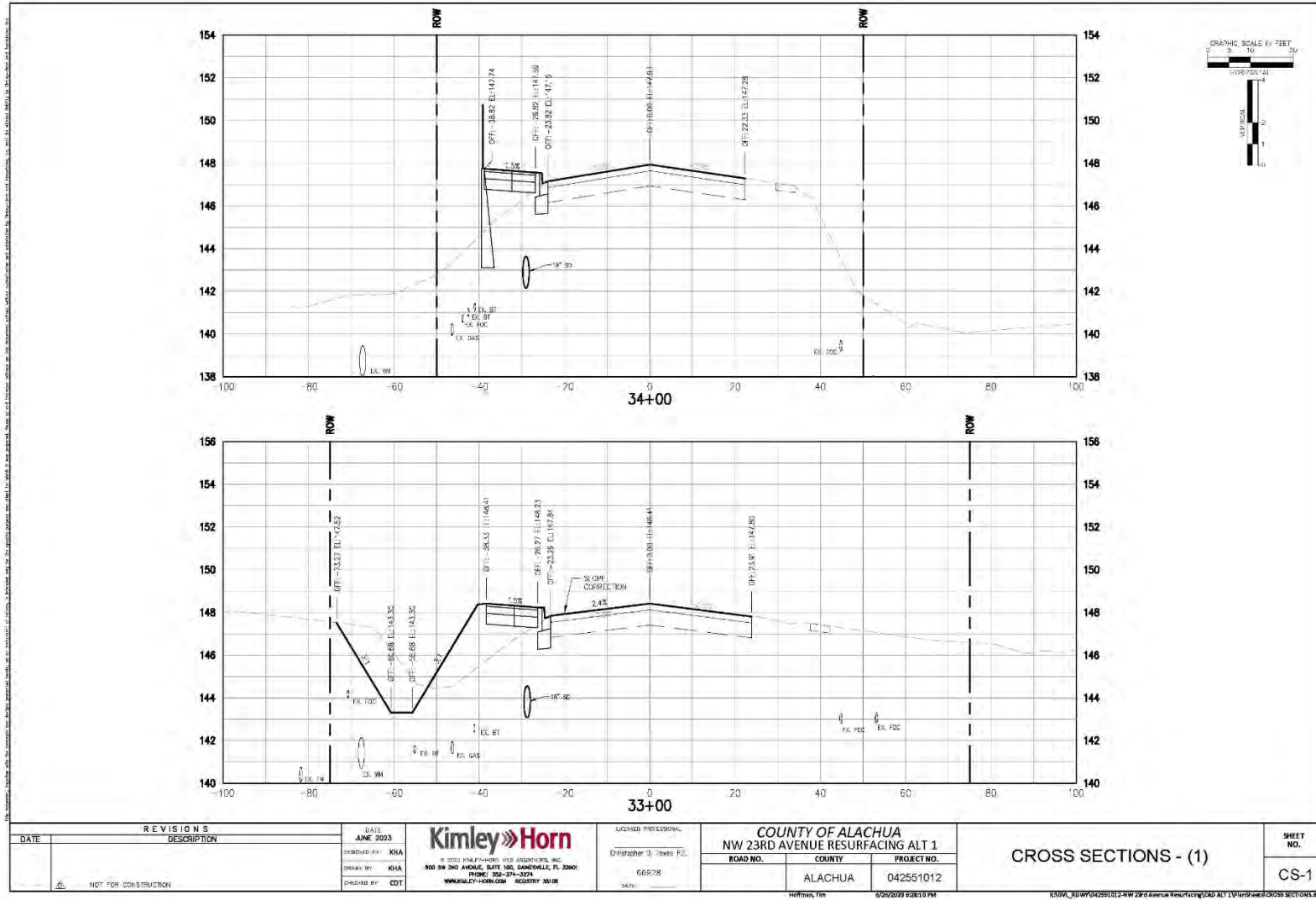
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LICENSED PROFESSIONAL
 Christopher D. Towse P.E.
 66928
 DATE:

COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
ALACHUA	ALACHUA	042551012

INTERSECTION RECONSTRUCTION
 DETAIL

SHEET NO.
 29



REVISIONS	
DATE	DESCRIPTION

DATE: JUNE 2023
 DESIGNED BY: KHA
 DRAWN BY: KHA
 CHECKED BY: CDT

Kimley»Horn
 © 2023 KIMLEY-HORN AND ASSOCIATES, INC.
 800 ONE ONE AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM SECURITY 3103

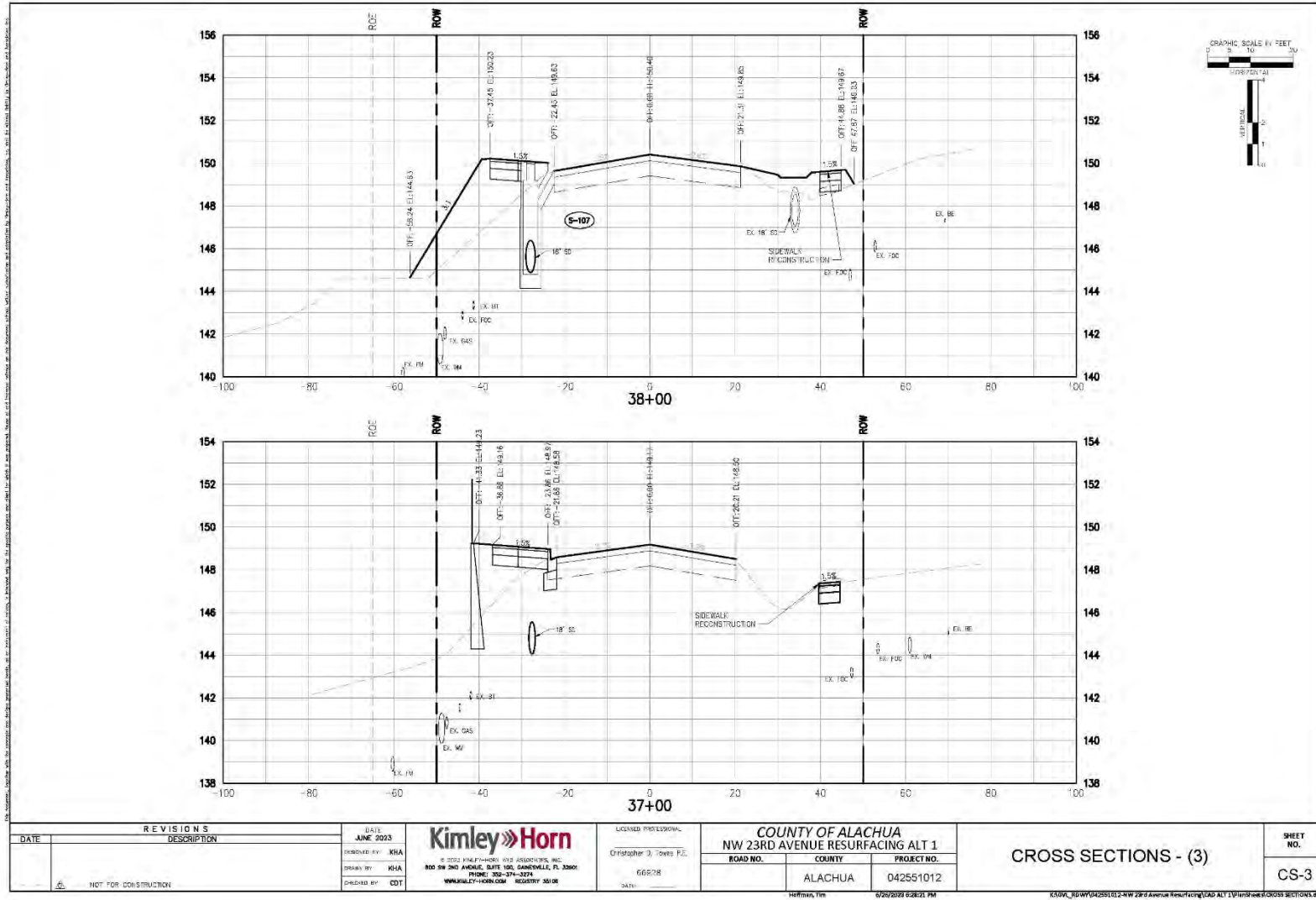
LICENSED PROFESSIONAL
 Christopher D. Rowe P.E.
 66678
 DATE:

COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (1)

SHEET NO.
CS-1

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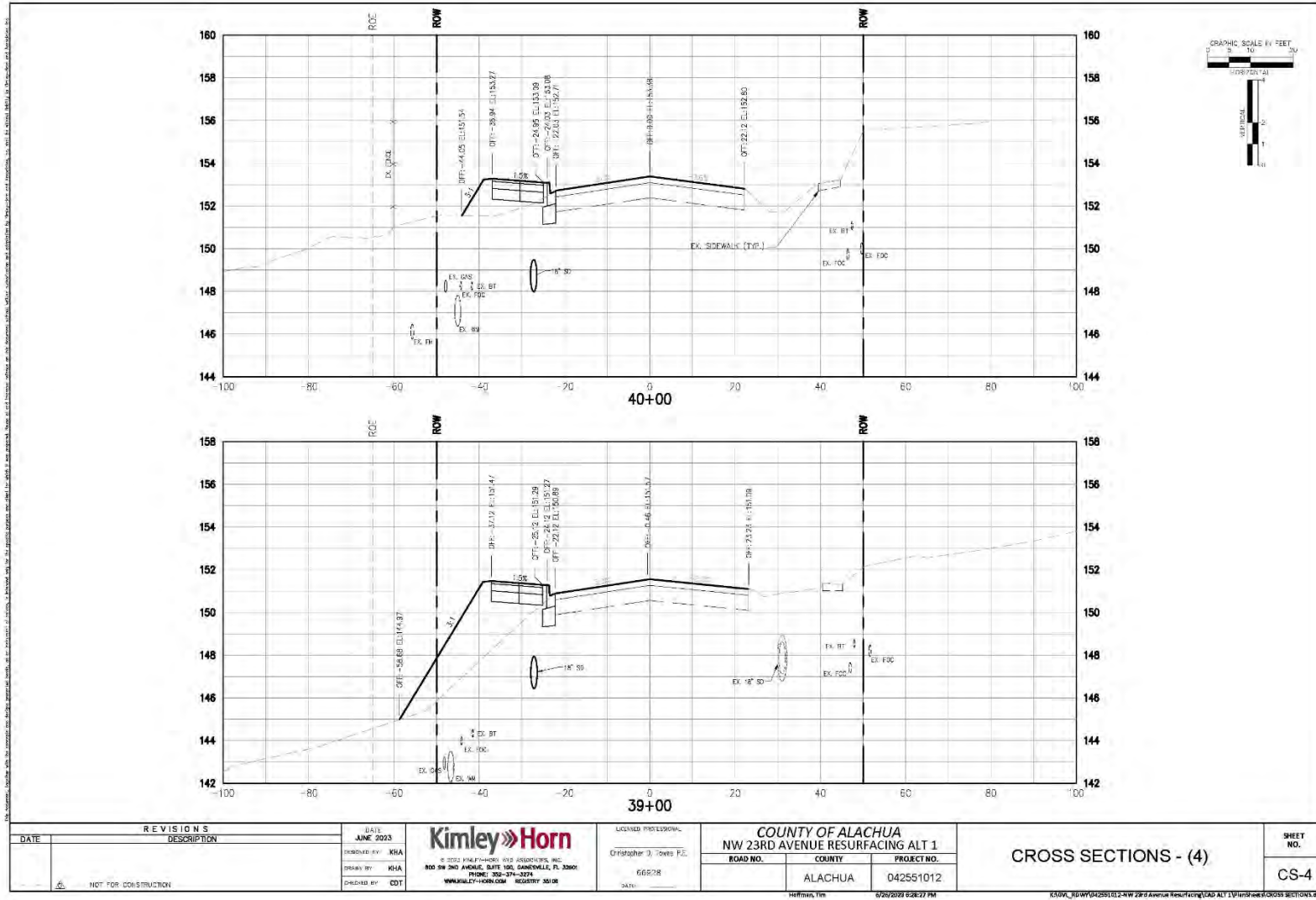
DATE	JUNE 2023
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	CDT

Kimley»Horn
 6300 WALKER ROAD, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY #0108

LICENSED PROFESSIONAL	Christopher D. Rowe P.E.
DATE	6/6/23

COUNTY OF ALACHUA		
NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (3)	
SHEET NO.	CS-3



REVISIONS	
DATE	DESCRIPTION

DATE	JUNE 2023
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	CDT

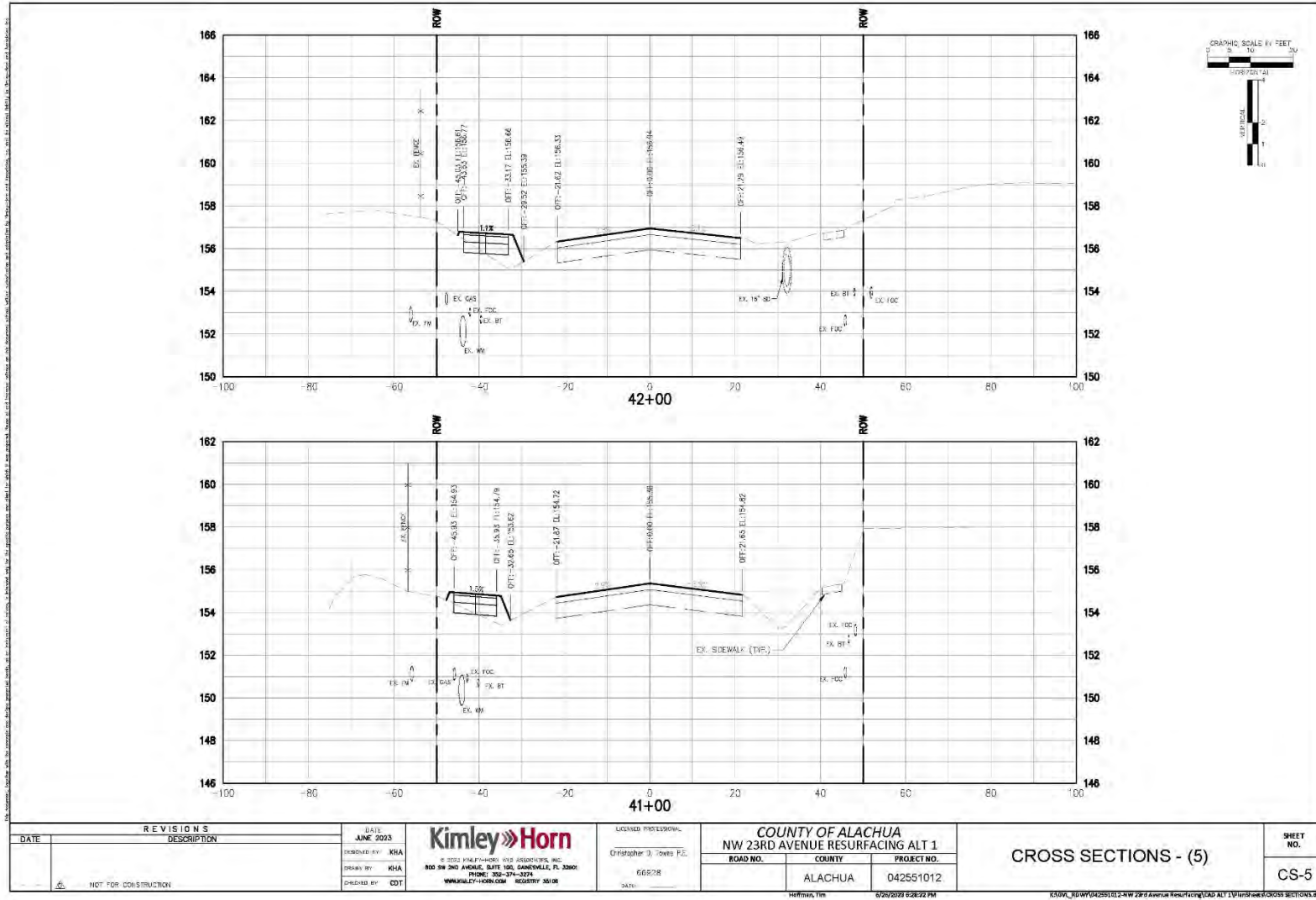
Kimley»Horn
 6300 PARKWAY DRIVE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM SECURITY 3018

LICENSED PROFESSIONAL
 Christopher D. Rowe P.E.
 66678
 DATE

COUNTY OF ALACHUA		
NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (4)

SHEET NO.
CS-4



REVISIONS	
DATE	DESCRIPTION

DATE	JUNE 2023
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	CDT

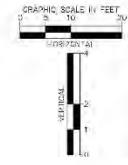
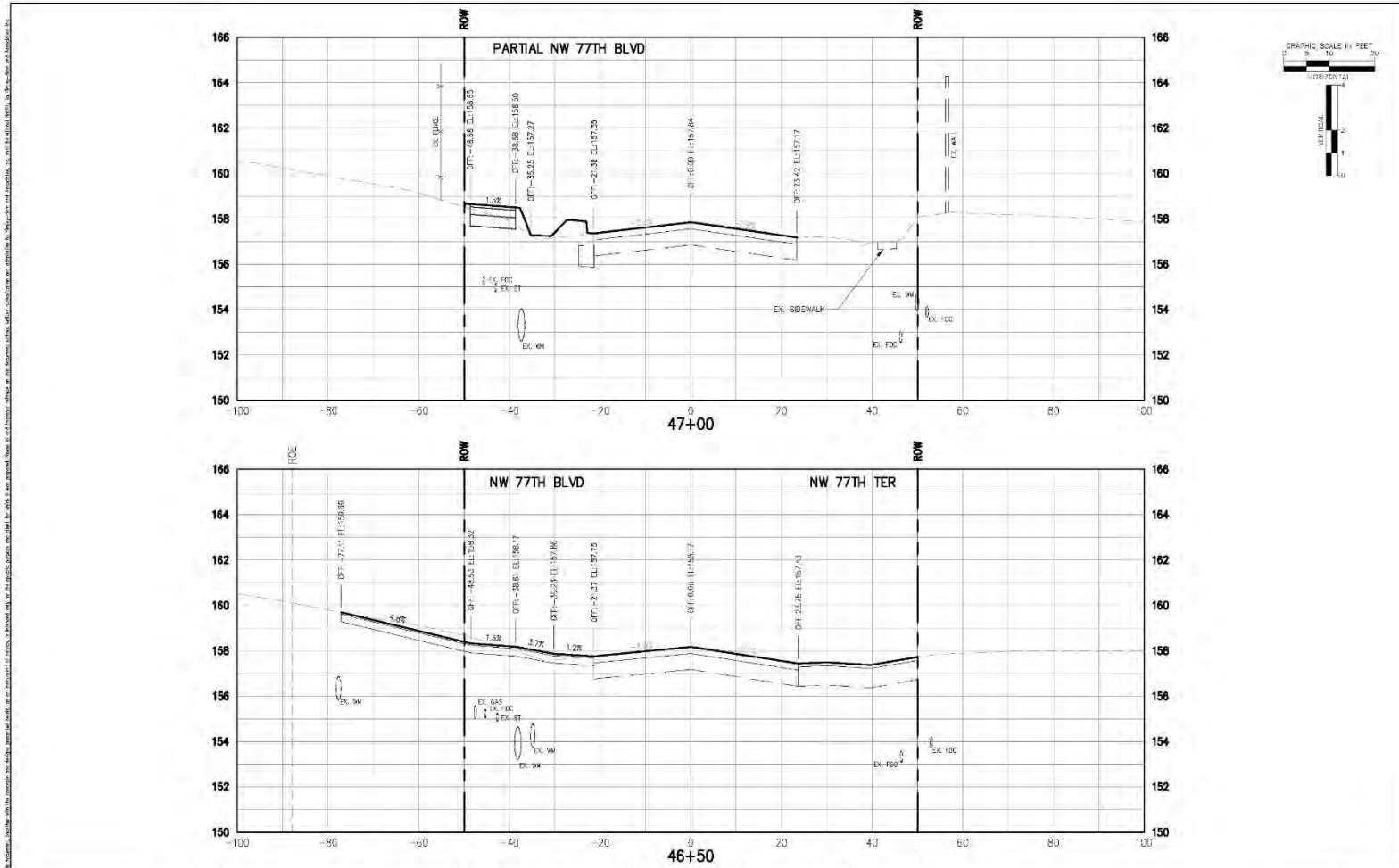
Kimley»Horn
 6200 PARKWAY DRIVE, SUITE 100, GAINESVILLE, FL 32608
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY 3408

LICENSED PROFESSIONAL
 Christopher D. Rowe P.E.
 66678
 DATE

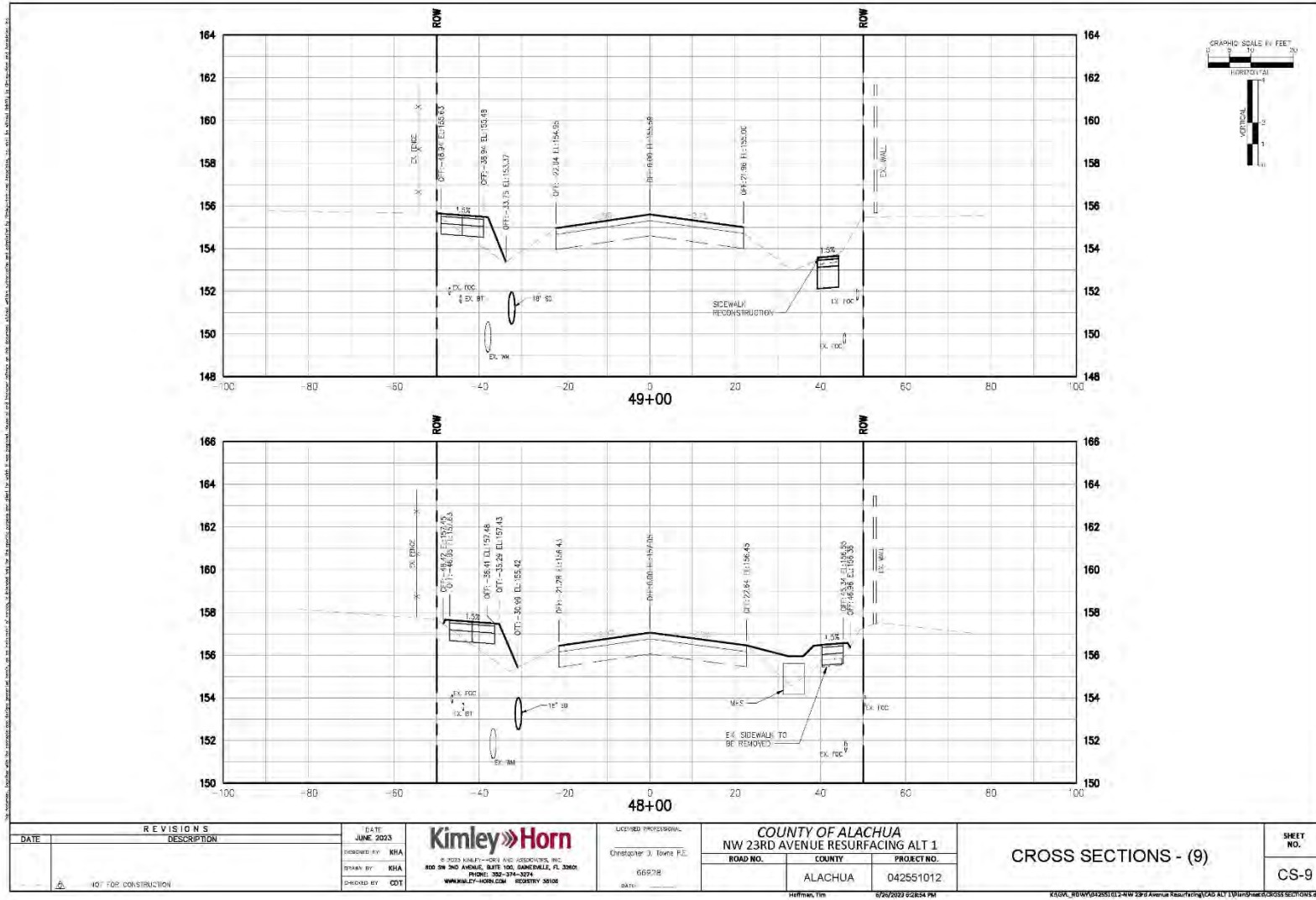
COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (5)

SHEET NO.	CS-5
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DATE	DESCRIPTION									



REVISIONS	
DATE	DESCRIPTION
	ADD FOR CONSTRUCTION

DATE: JUNE 2023
 DESIGNED BY: KHA
 DRAWN BY: KHA
 CHECKED BY: CDT

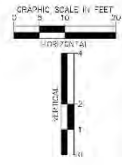
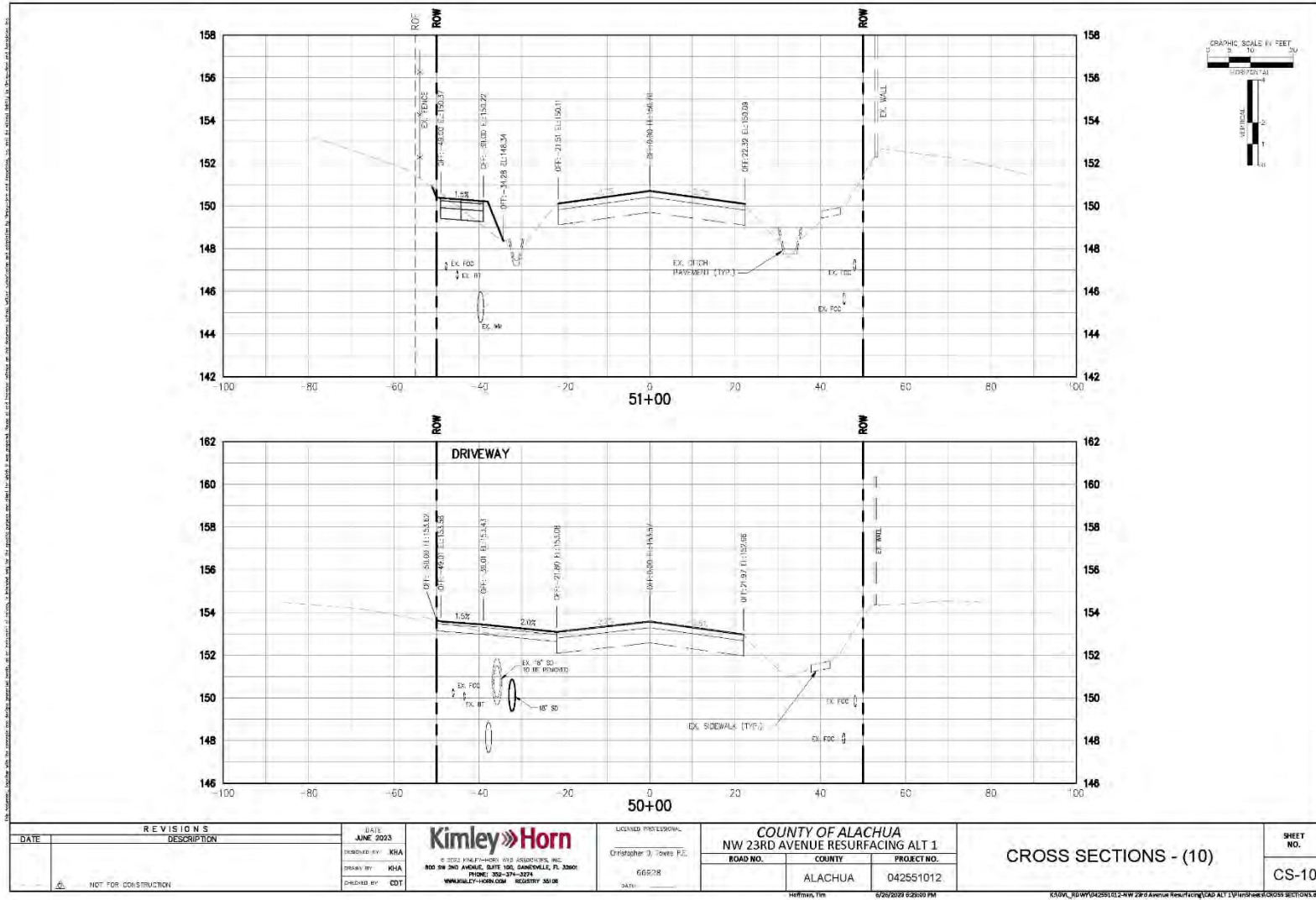
Kimley Horn
 600 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM HISTORY 08108

LICENSED PROFESSIONAL
 Christopher J. Towne P.E.
 66978

COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (9)

SHEET NO.
CS-9



REVISIONS	
DATE	DESCRIPTION

DATE	JUNE 2023
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	CDT

Kimley Horn
 6 2023 PARKWAY DRIVE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEYHORN.COM SECURITY 5018

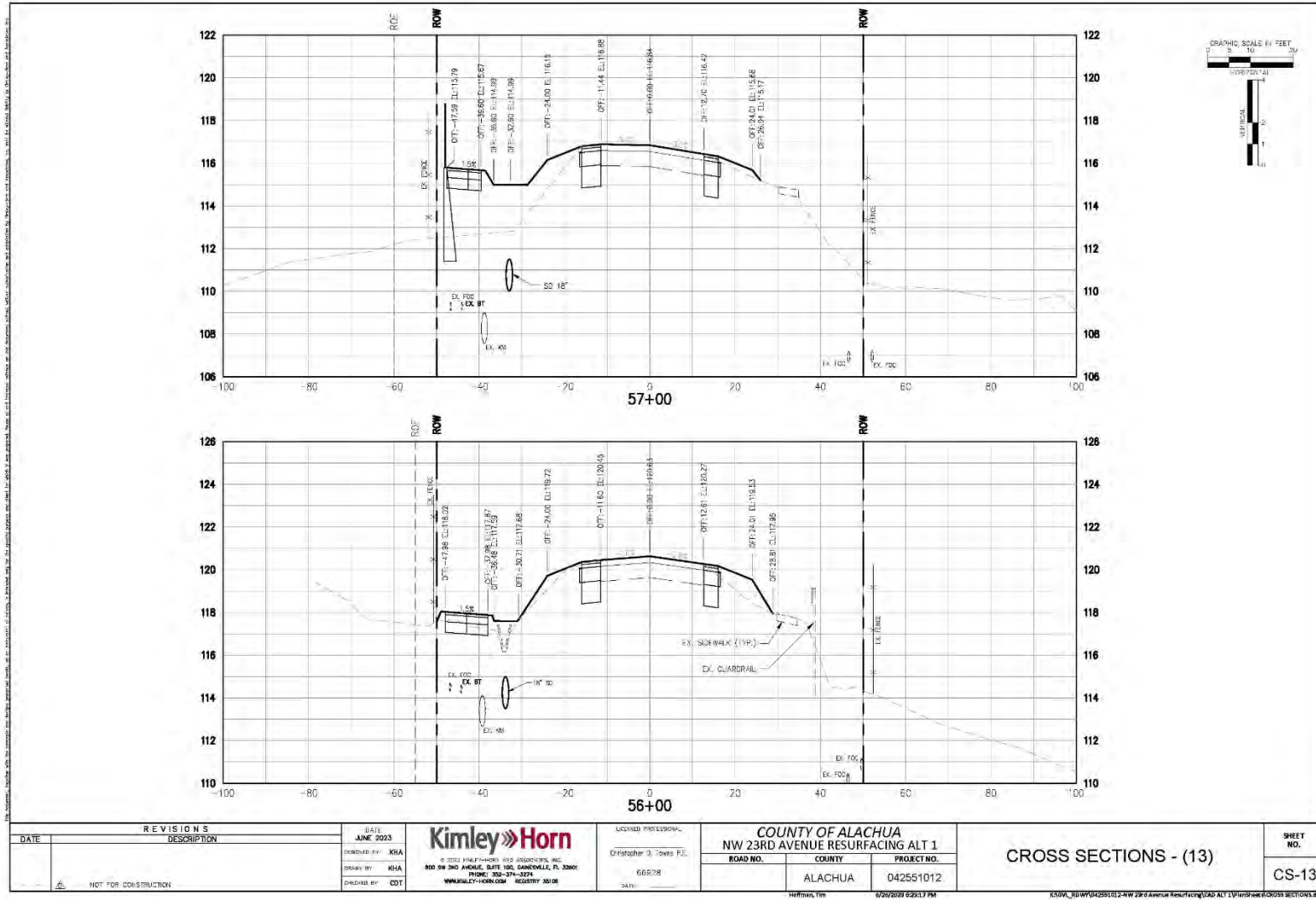
LICENSED PROFESSIONAL
 Christopher D. Rowe P.E.
 66678
 DATE

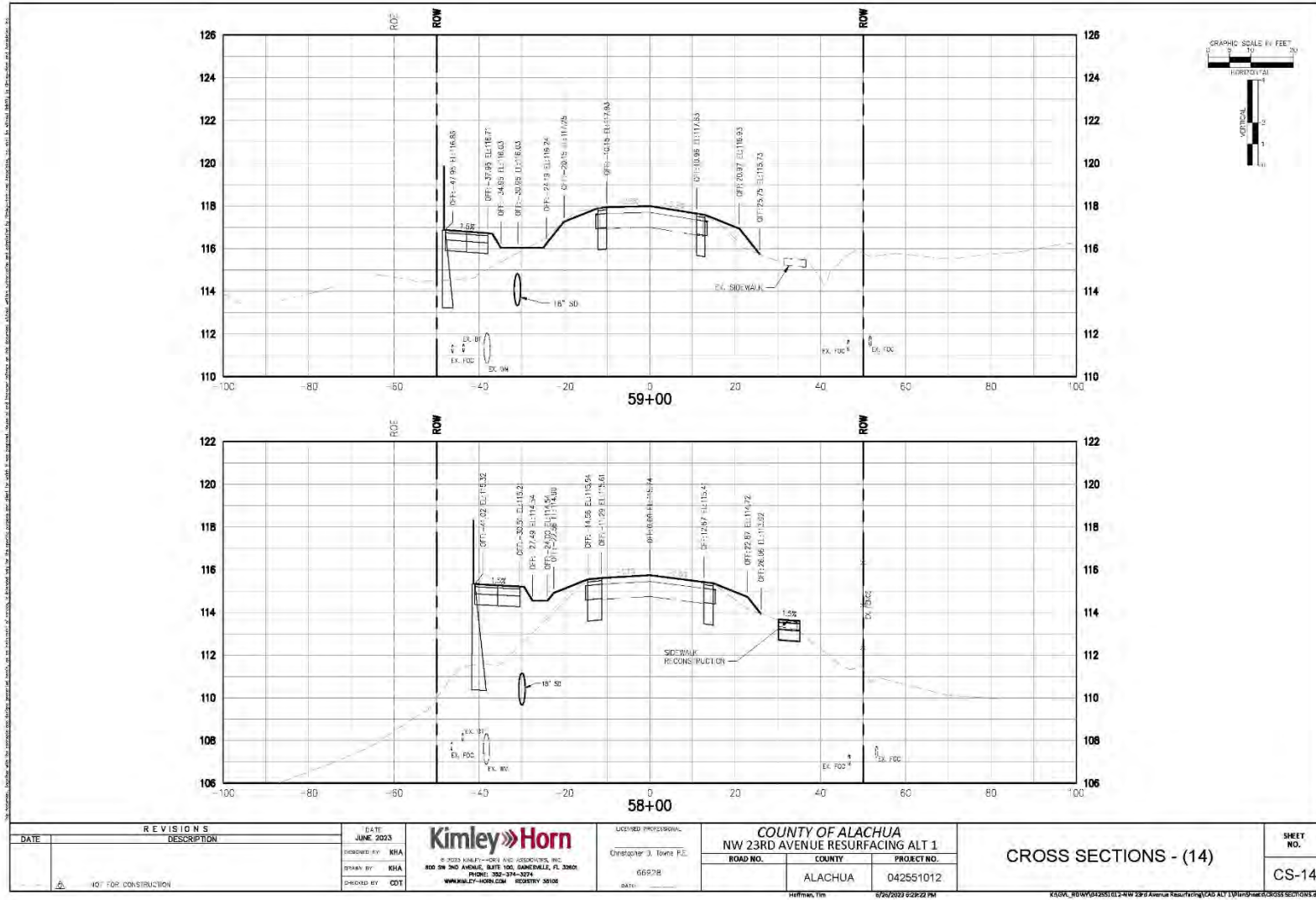
COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (10)

SHEET NO.
CS-10

NOT FOR CONSTRUCTION
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REVISIONS	
DATE	DESCRIPTION

DATE	JUNE 2023
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	CDT

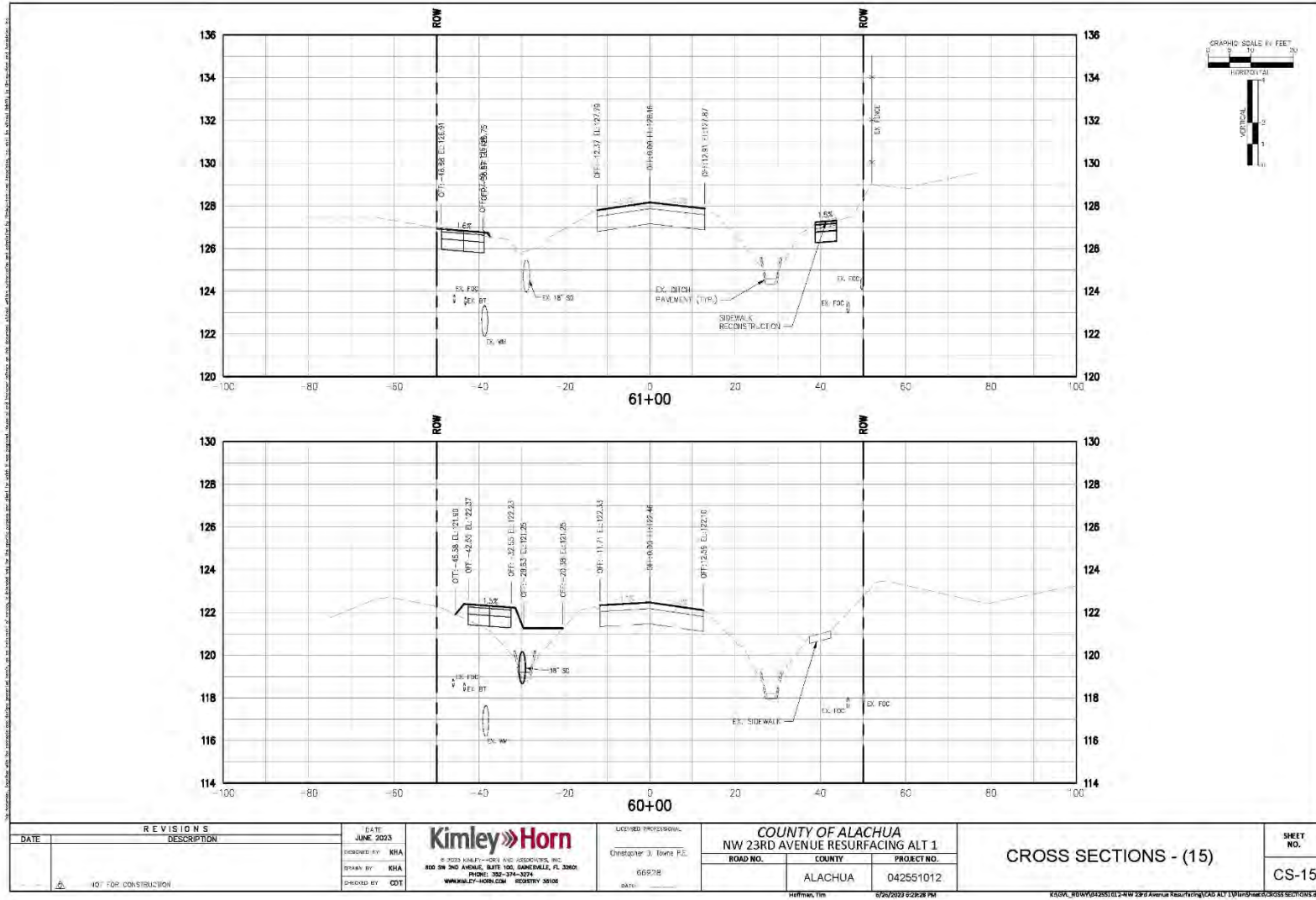
Kimley»Horn
 6300 WALTON ROAD, SUITE 100, GAINESVILLE, FL 32609
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM LICENSE # 38108

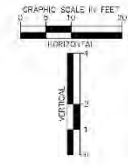
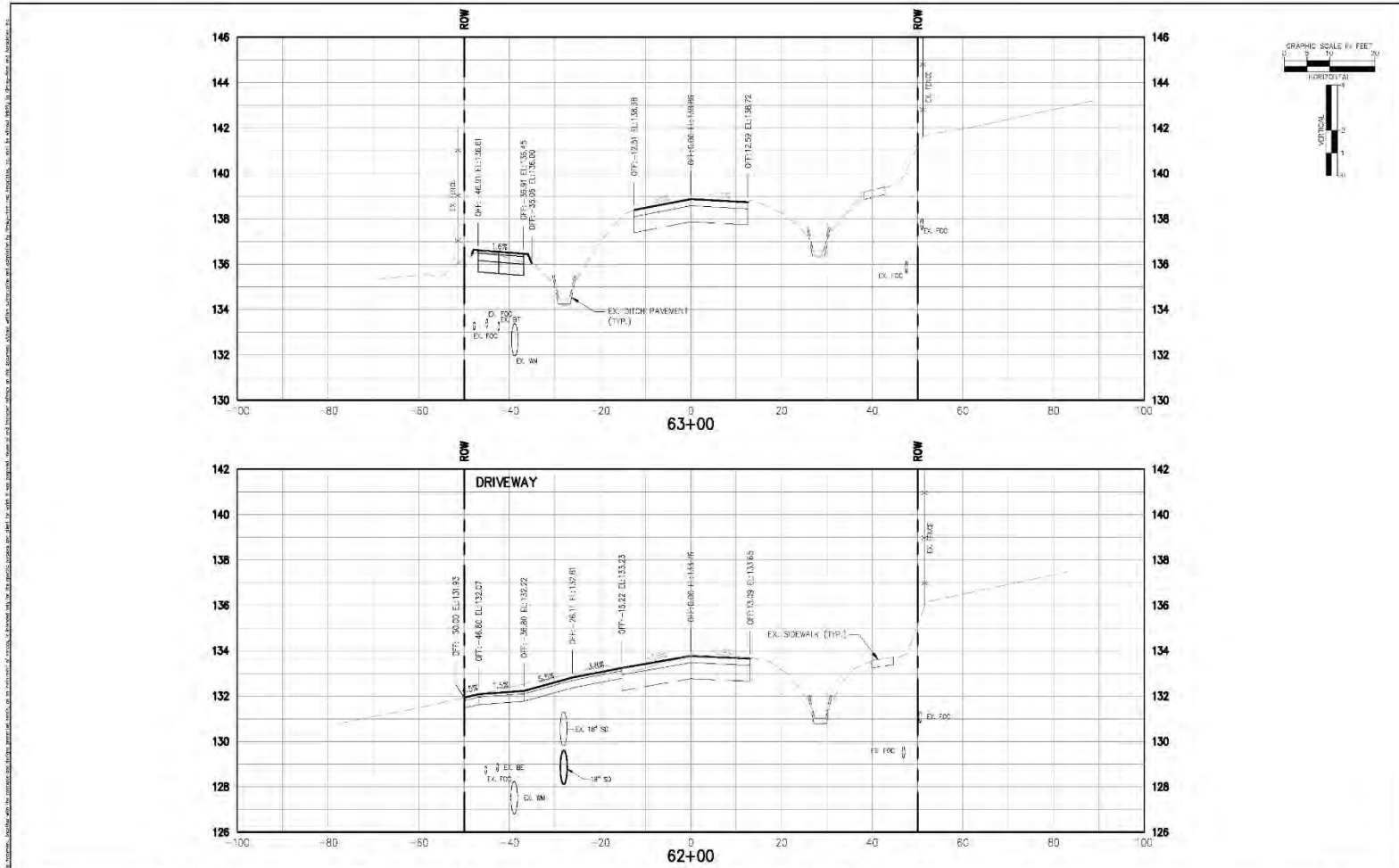
LICENSED PROFESSIONAL
 Christopher J. Towne P.E.
 66978
 (DATE)

COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

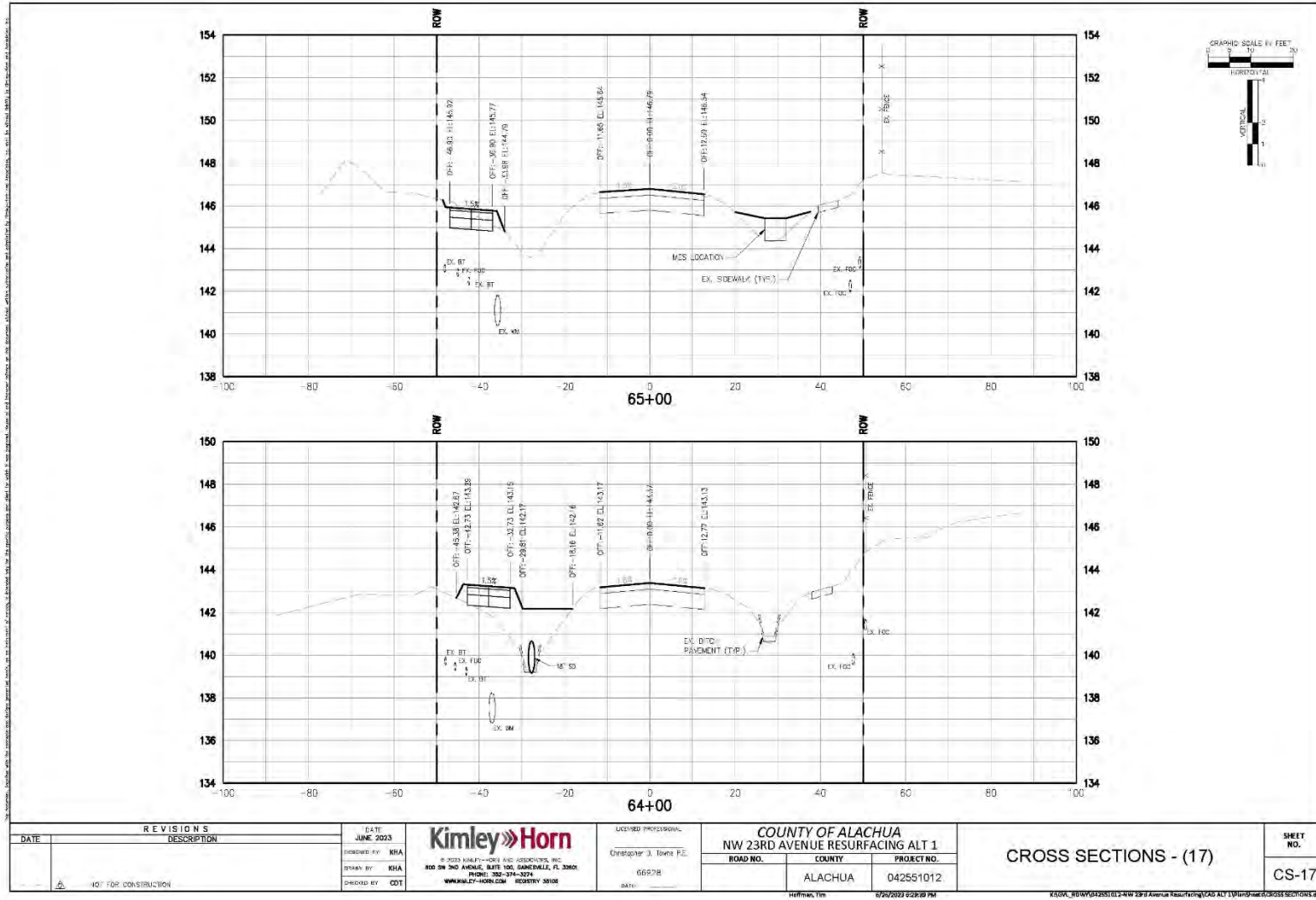
CROSS SECTIONS - (14)

SHEET NO.	CS-14
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DATE	DESCRIPTION													



REVISIONS	
DATE	DESCRIPTION

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 DRAWN BY: KHA
 STAFF BY: KHA
 CHECKED BY: CDT

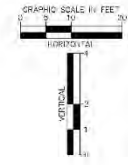
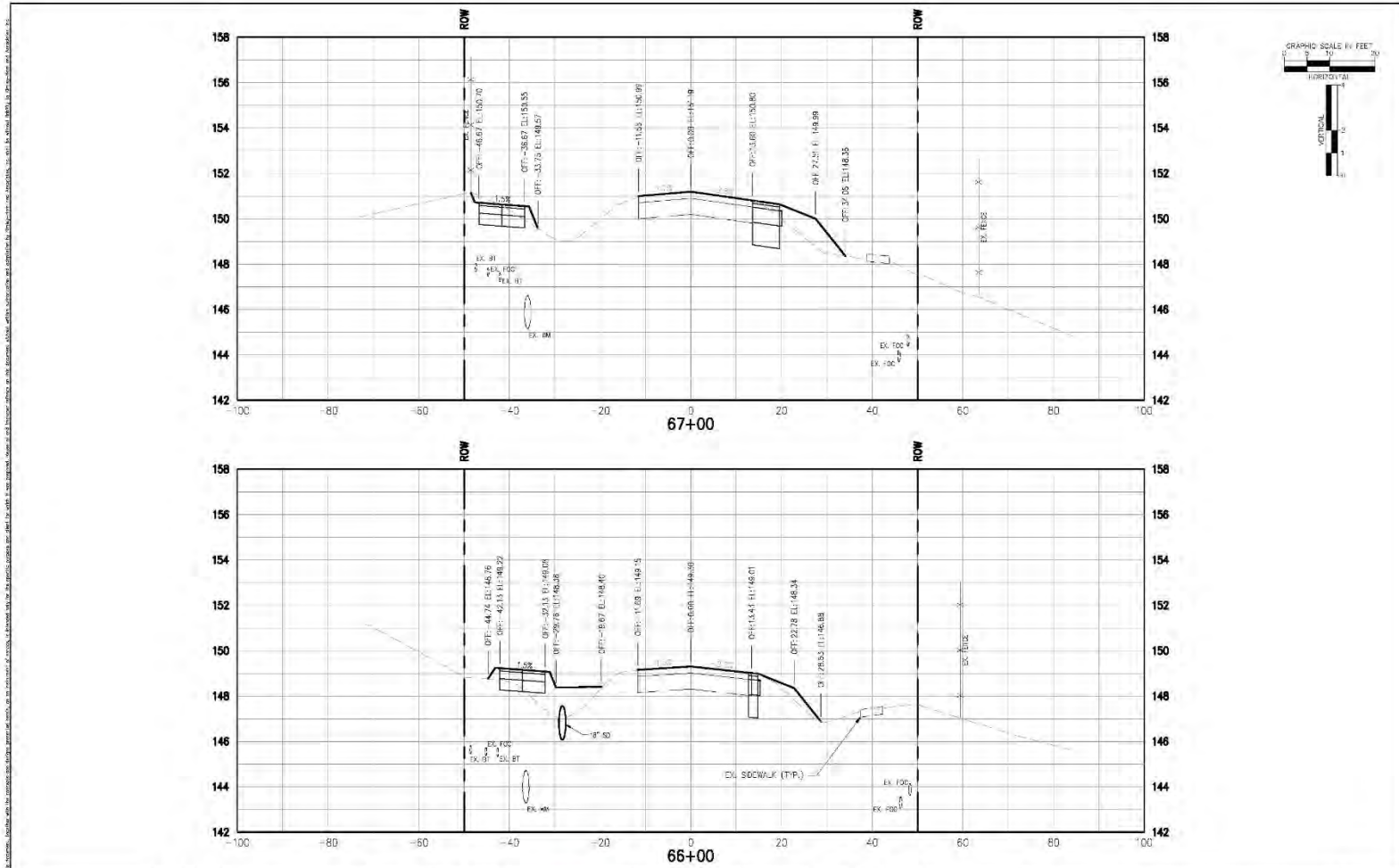
Kimley Horn
 2023 KIMLEY HORN AND ASSOCIATES, INC.
 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY 38108

LICENCED PROFESSIONAL
 Christopher J. Towne P.E.
 66978
 (DATE)

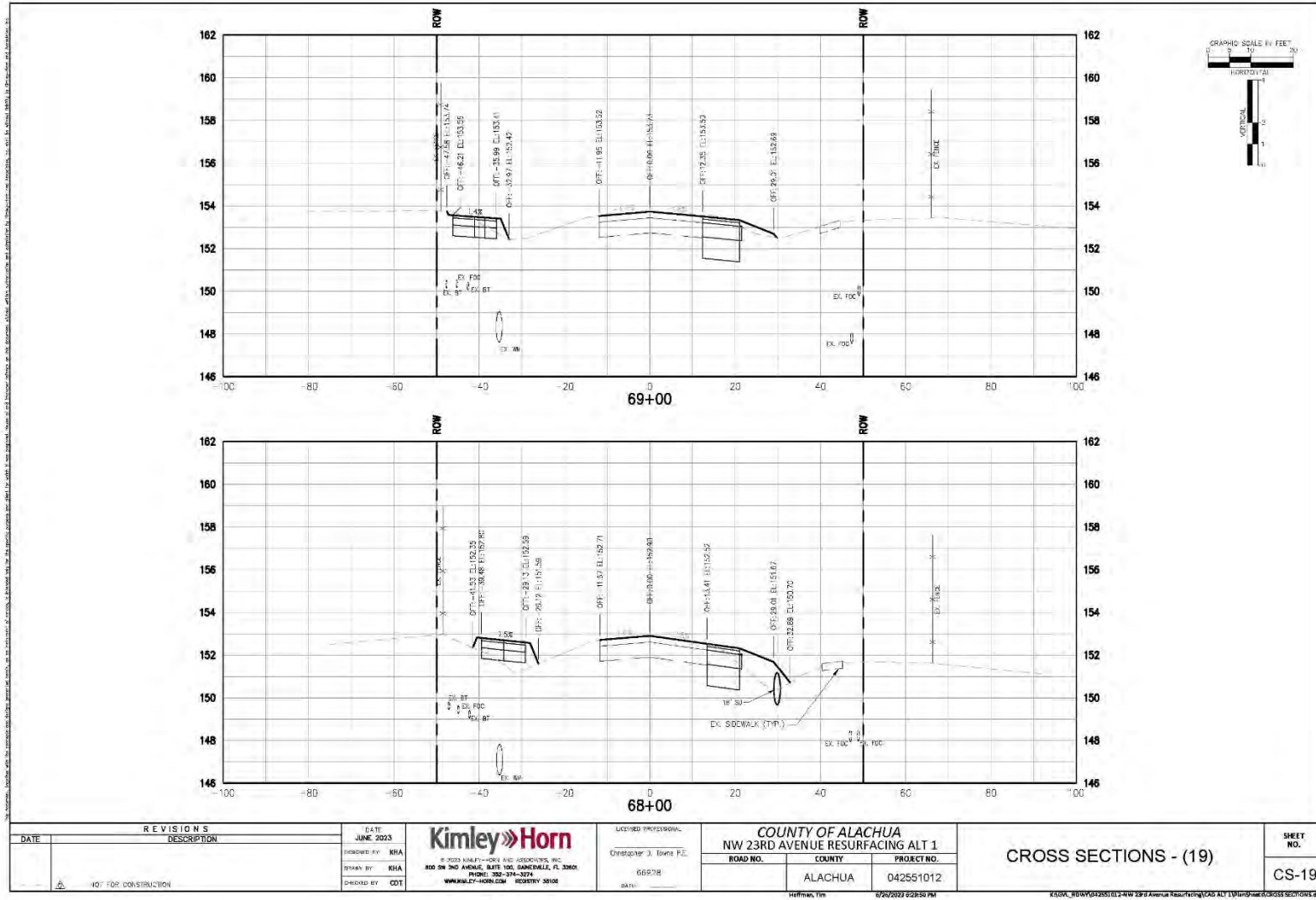
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ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

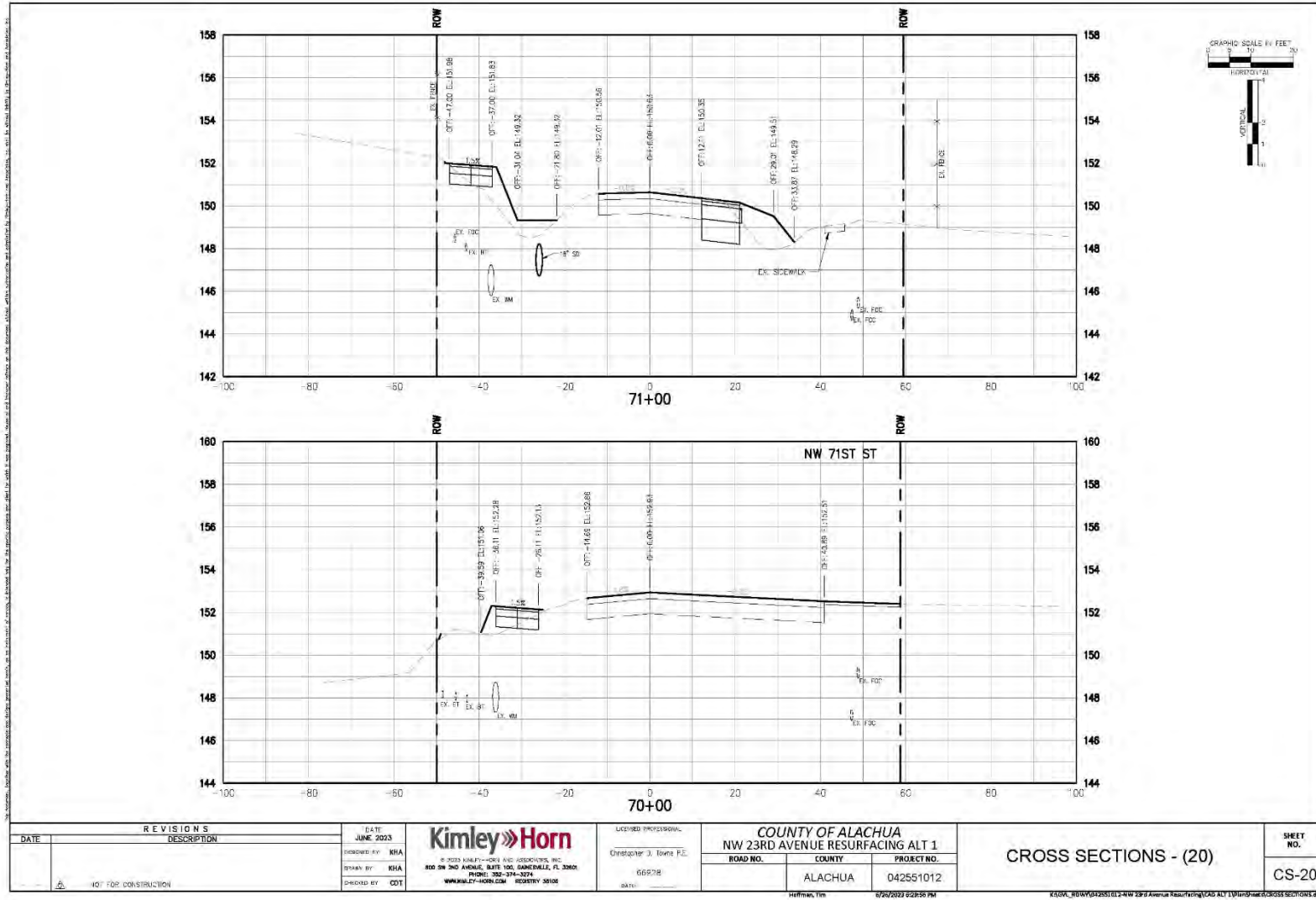
CROSS SECTIONS - (17)

SHEET NO.
CS-17



REVISIONS		DATE		LICENSED PROFESSIONAL Christopher J. Towne P.E. 66978 (SIN)	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		CROSS SECTIONS - (18)	SHEET NO. CS-18
DATE	DESCRIPTION	JUNE 2023			ROAD NO.	COUNTY		
	NOT FOR CONSTRUCTION		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 ONE TWO AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM LICENSE # 38108	ALACHUA	042551012	H:\Projects\18 6/2/2023 9:29:01 PM K:\04_ROW\042551012\NW 23rd Avenue Resurfacing\CAD\ALT 1\18\18\18\CROSS SECTIONS.dwg		





REVISIONS	
DATE	DESCRIPTION

DATE	JUNE 2023
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	CDT

Kimley Horn

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 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY 38108

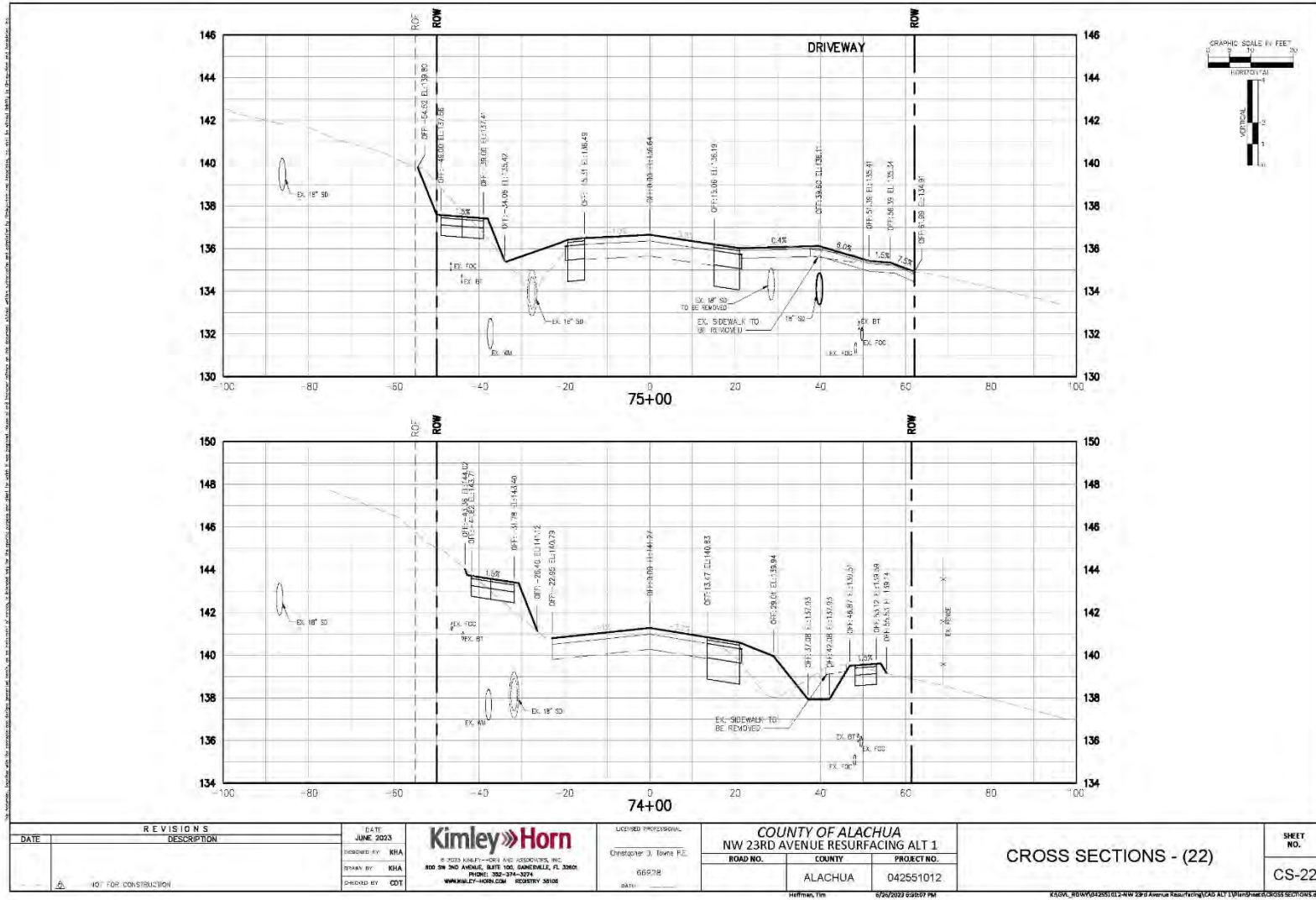
LICENSED PROFESSIONAL
 Christopher J. Irvine P.E.
 66978
 (SIN)

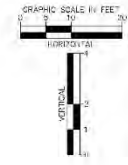
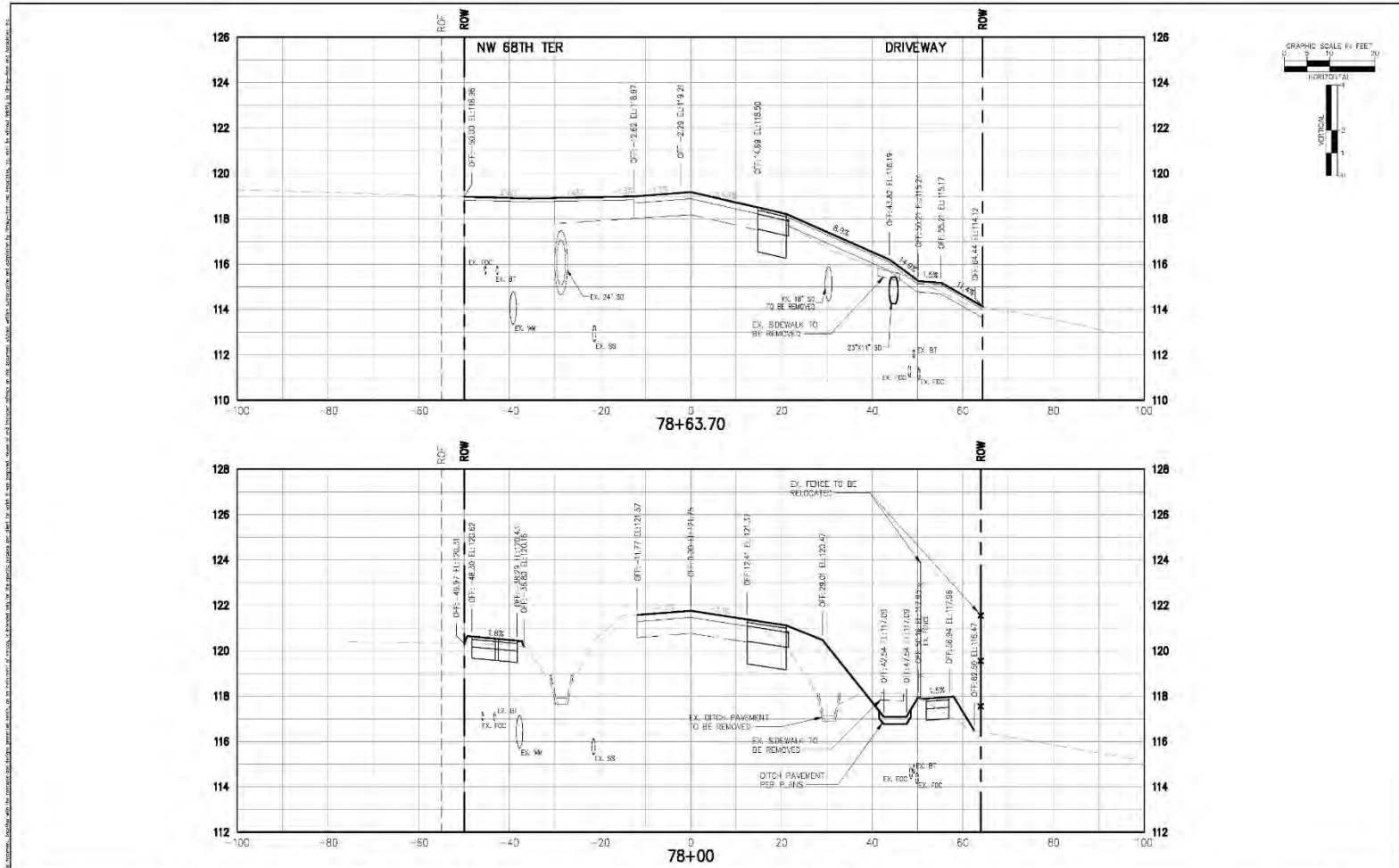
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NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012
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CROSS SECTIONS - (20)

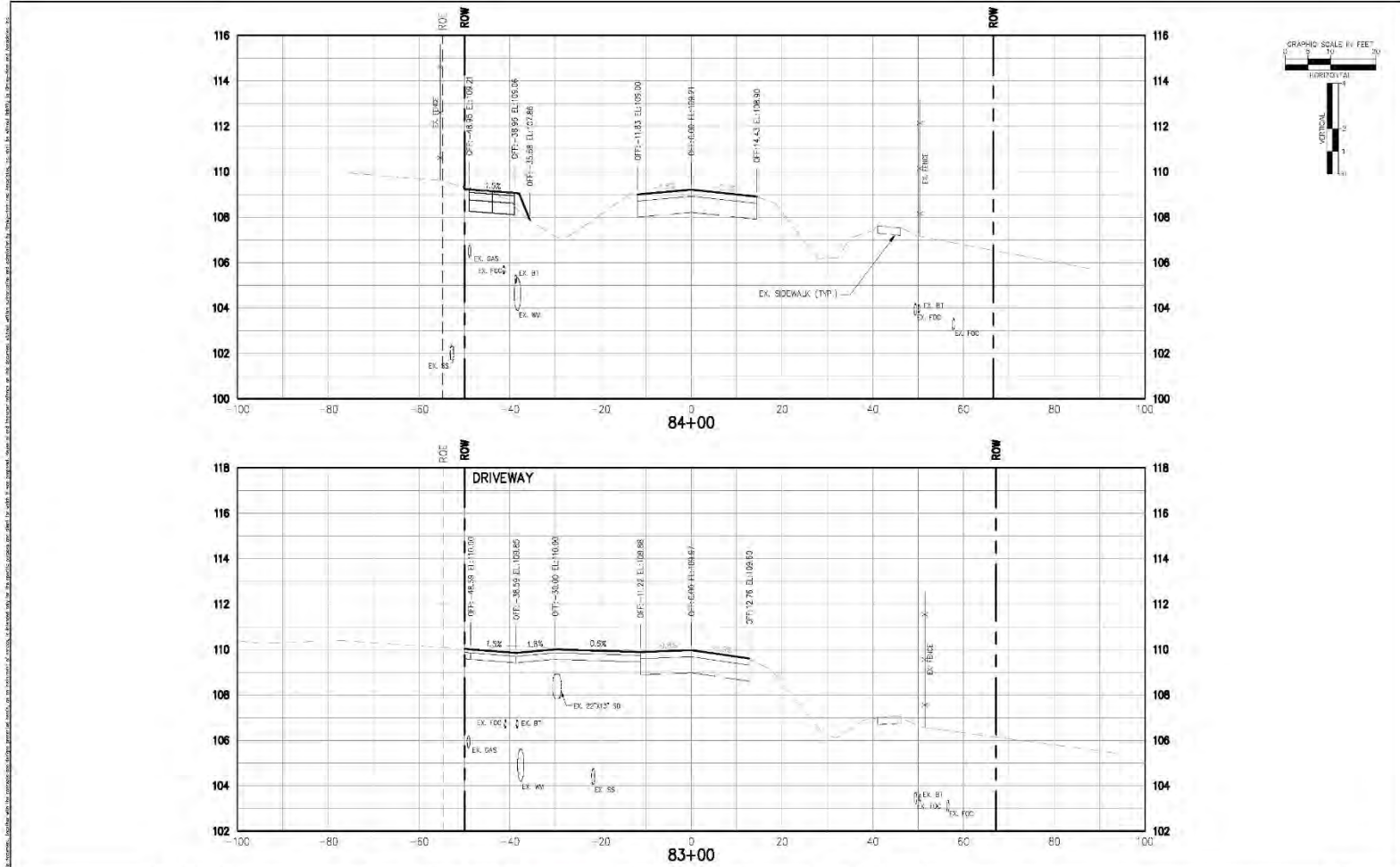
SHEET NO.
 CS-20

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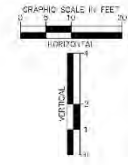
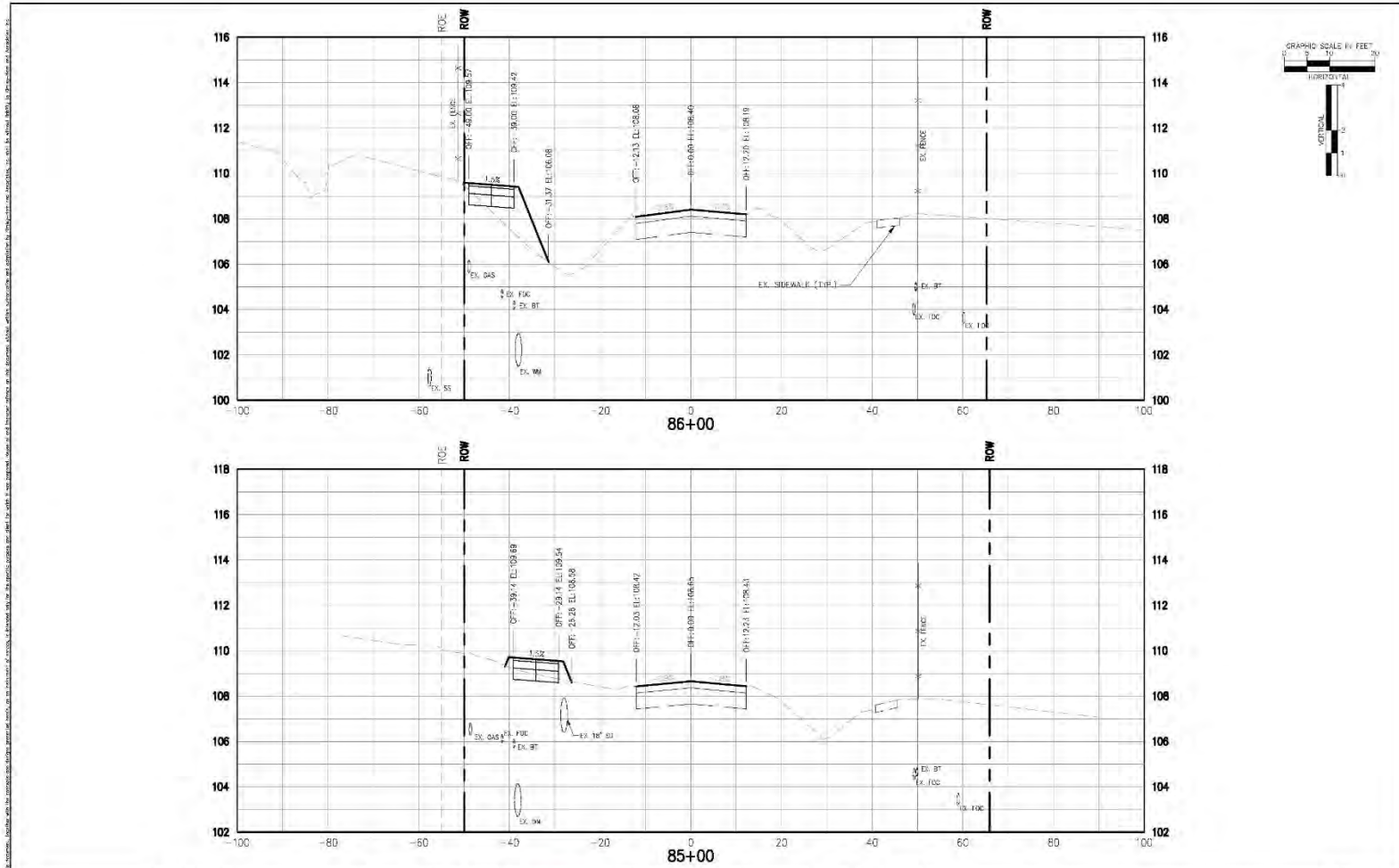




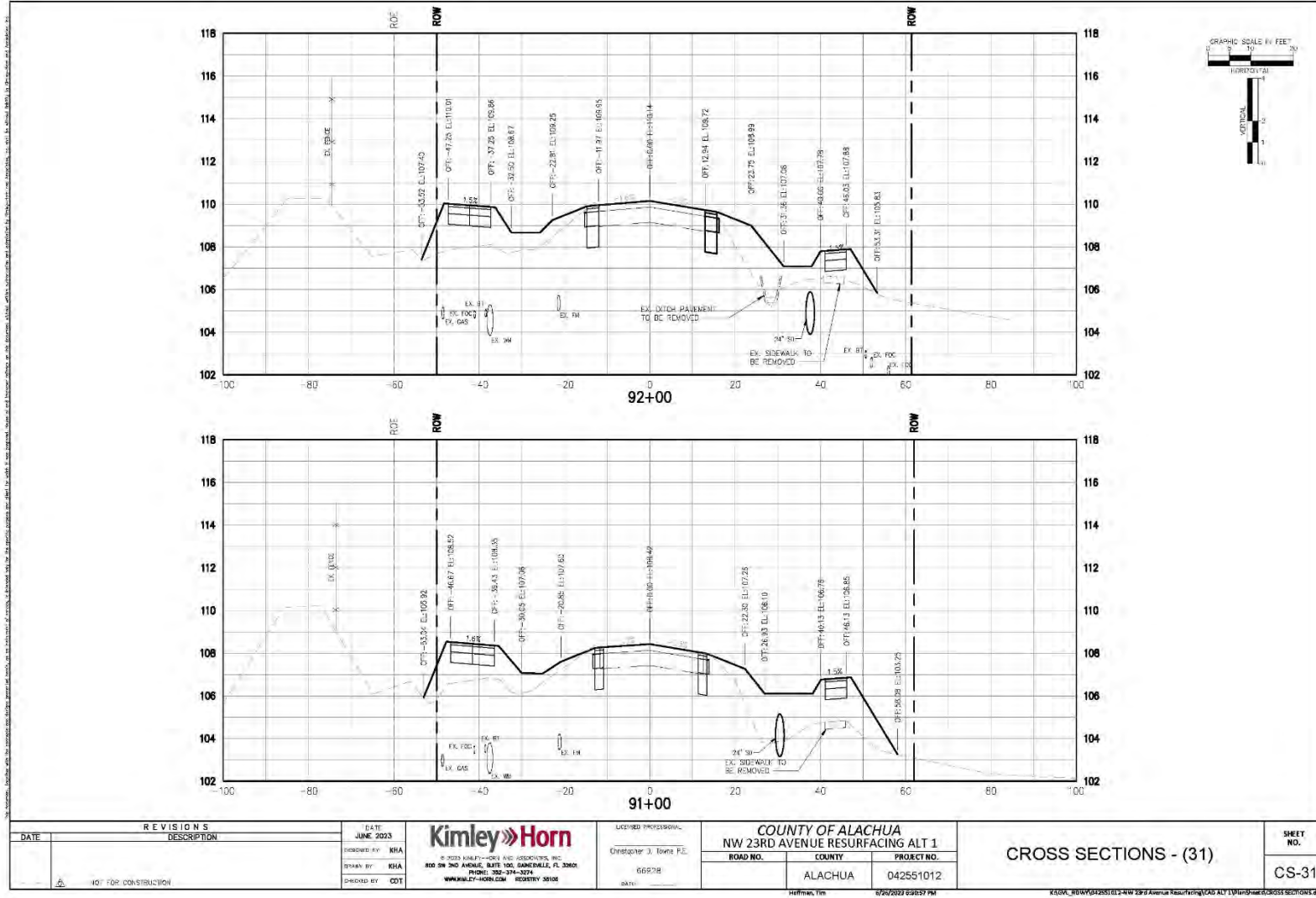
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DATE	DESCRIPTION	JUNE 2023			ROAD NO.	COUNTY		
	NOT FOR CONSTRUCTION		600 SW 3RD AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY 58108	ALACHUA	042551012	H:\Projects\1m 6/27/2023 9:28:18 AM K:\04_R04\042551012\NW 23rd Avenue Resurfacing\CAD\ALY\1\m\m\m\CROSS SECTIONS.dwg		

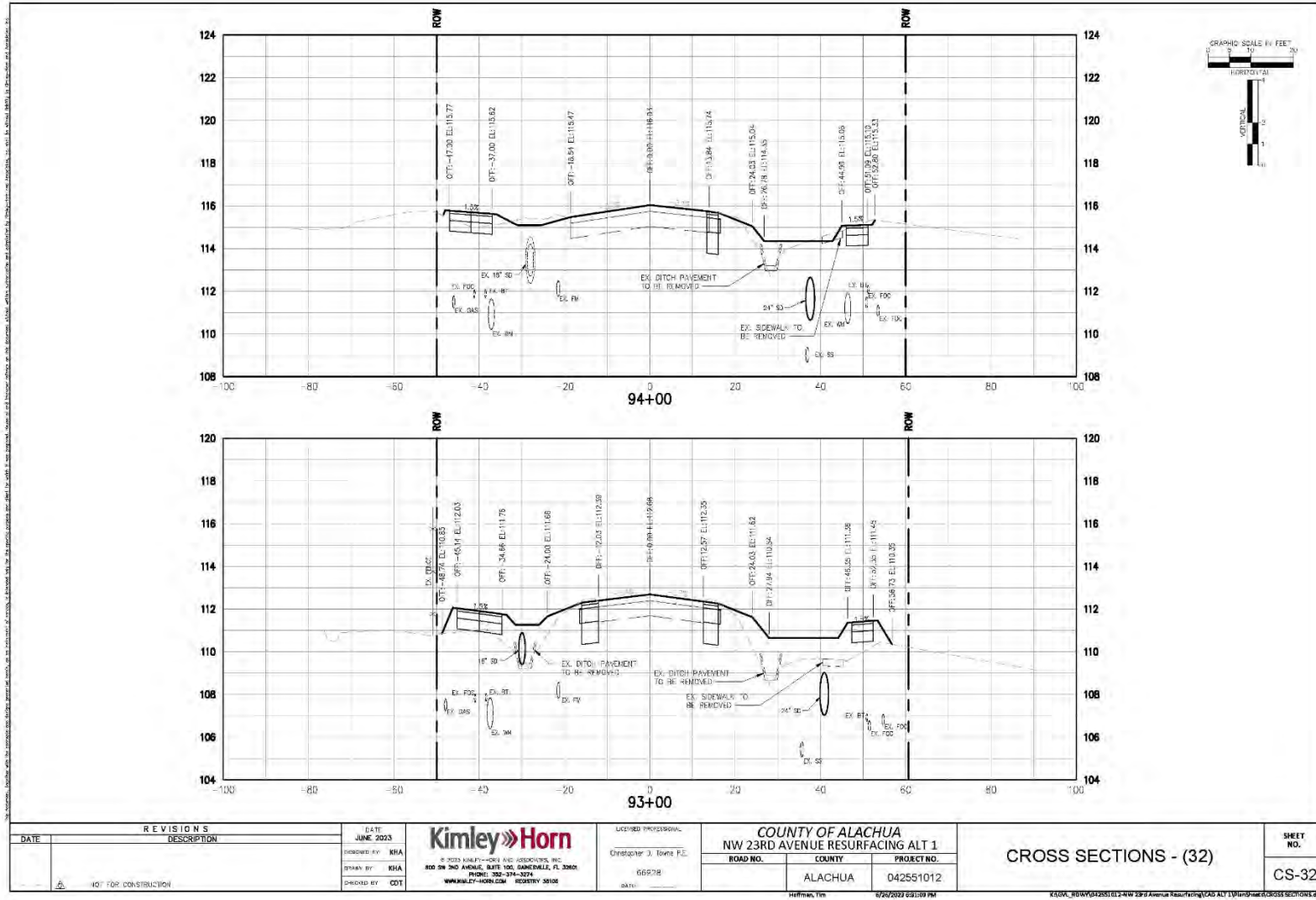


REVISIONS		DATE		LICENSED PROFESSIONAL	COUNTY OF ALACHUA		SHEET NO.
DATE	DESCRIPTION	JUNE 2023		Christopher J. Towne P.E.	ROAD NO.	PROJECT NO.	
	NOT FOR CONSTRUCTION		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM LICENSE #58108	6697B	ALACHUA	042551012	CS-27



REVISIONS		DATE	 LICENSED PROFESSIONAL Christopher J. Towne P.E. 6697B (817)	COUNTY OF ALACHUA		SHEET NO.
DATE	DESCRIPTION	JUNE 2023		ROAD NO.	COUNTY	
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DATE	DESCRIPTION

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 DRAWN BY: KHA
 CHECKED BY: CDT

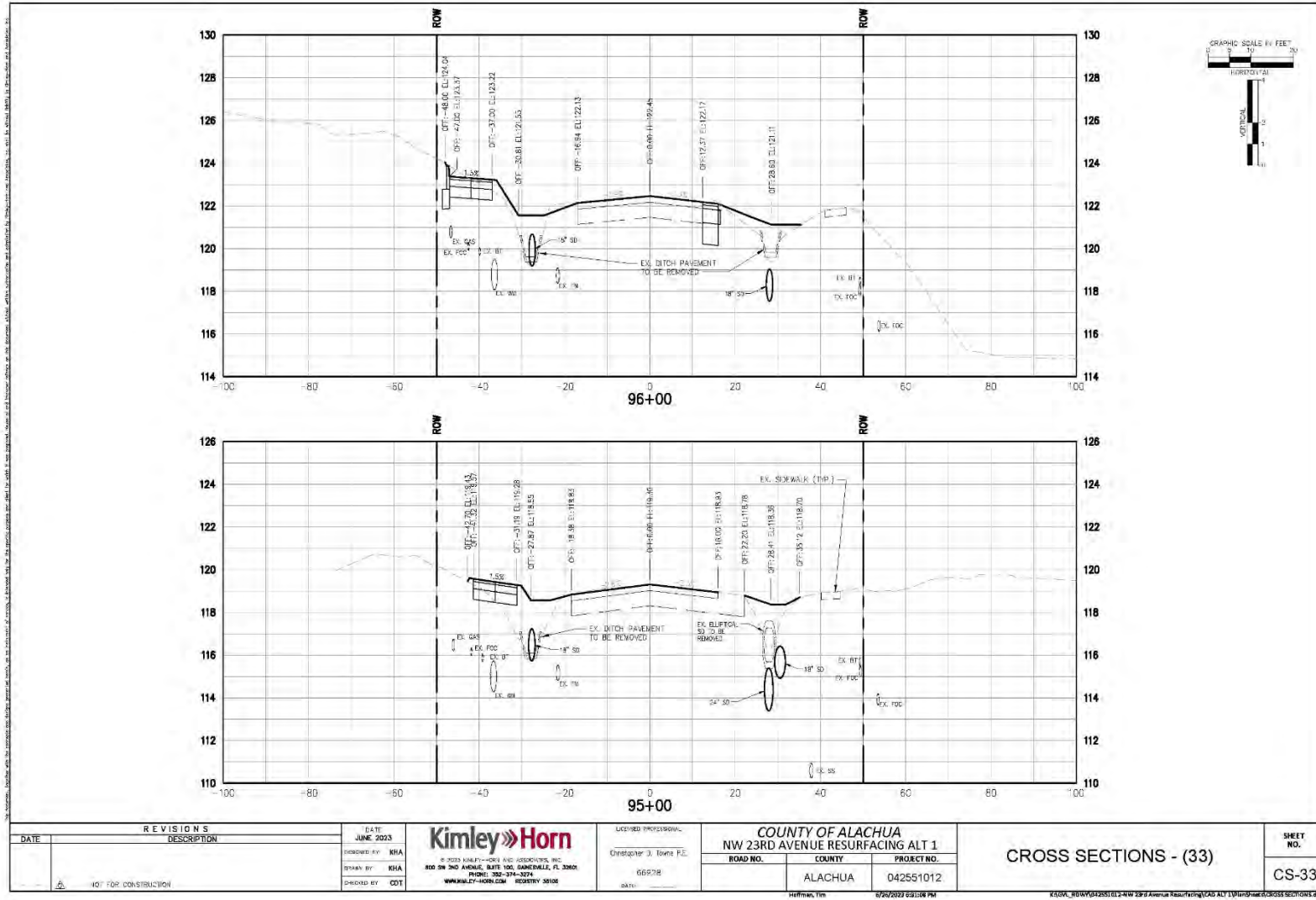
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 WWW.KIMLEY-HORN.COM HISTORY 08108

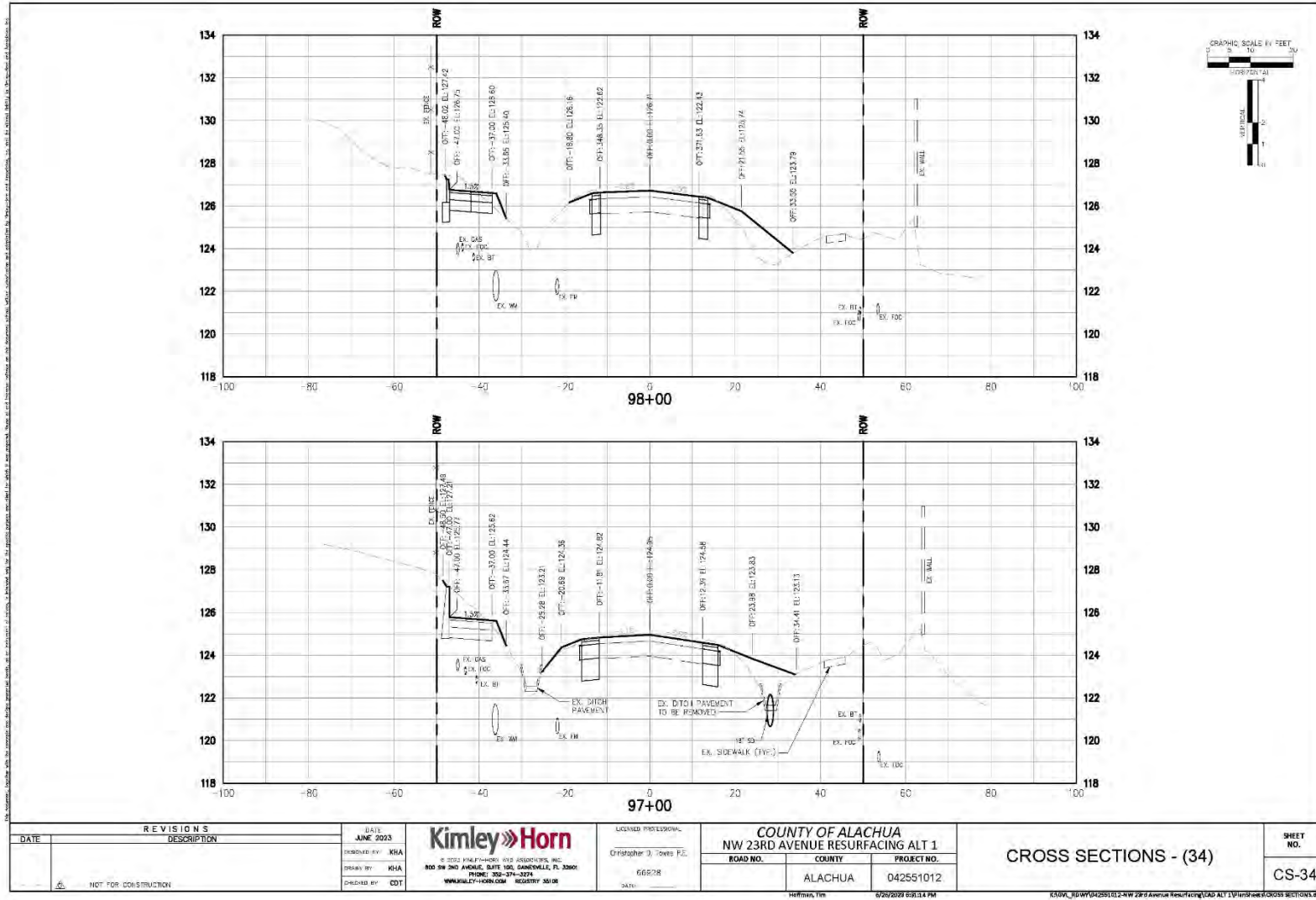
LICENCED PROFESSIONAL
 Christopher J. Irvine P.E.
 66978
 (DATE)

COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (32)

SHEET NO.
CS-32





REVISIONS	
DATE	DESCRIPTION

DATE: JUNE 2023
 DESIGNED BY: KHA
 DRAWN BY: KHA
 CHECKED BY: CDT

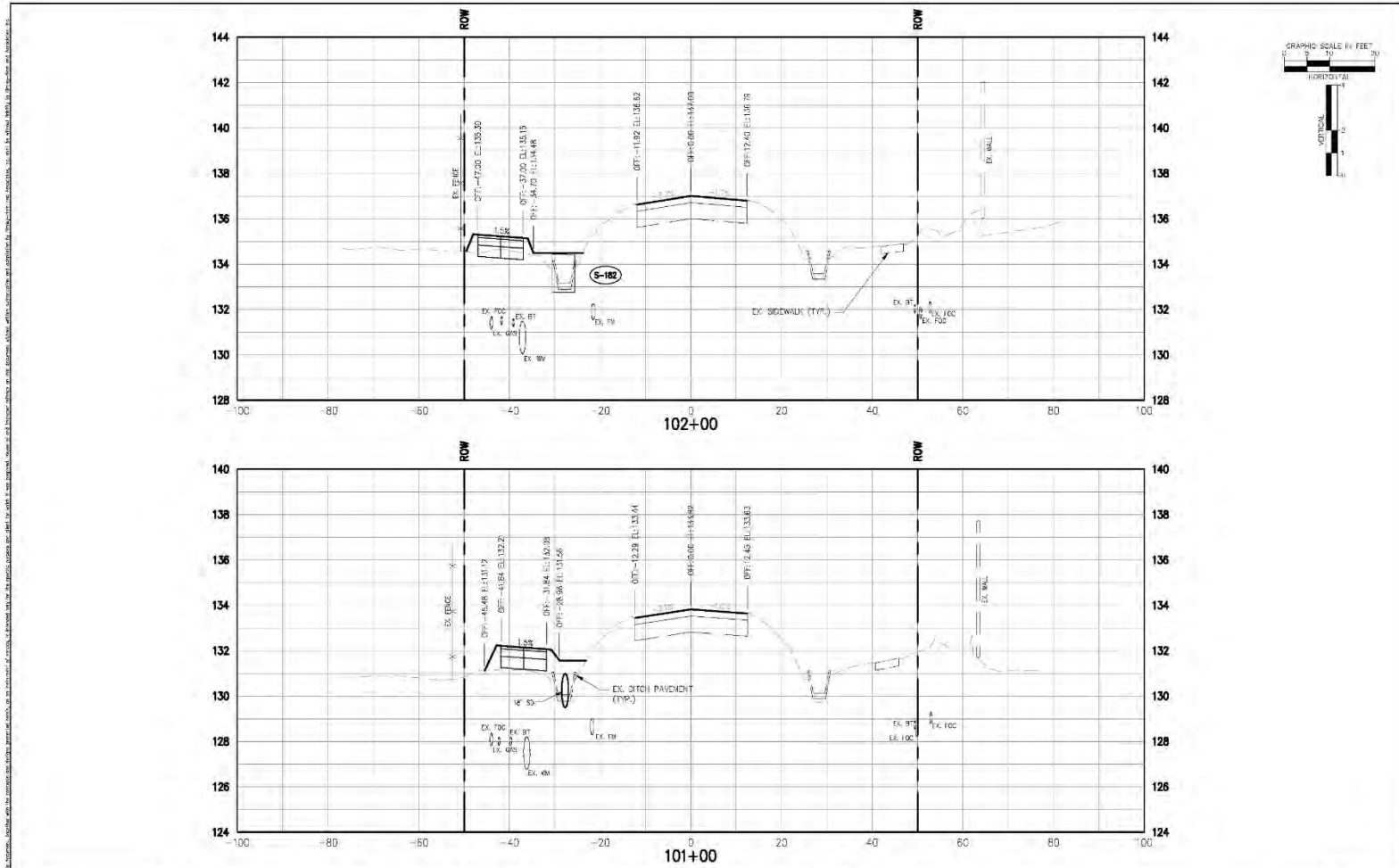
Kimley Horn
 6300 PARKWAY RD. SEASIDE, NC 28582
 800 590 AVENUE, SUITE 100, DANVILLE, VA 22020
 PHONE: 336-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY 3408

LICENSED PROFESSIONAL
 Christopher D. Rowe P.E.
 66678
 DATE:

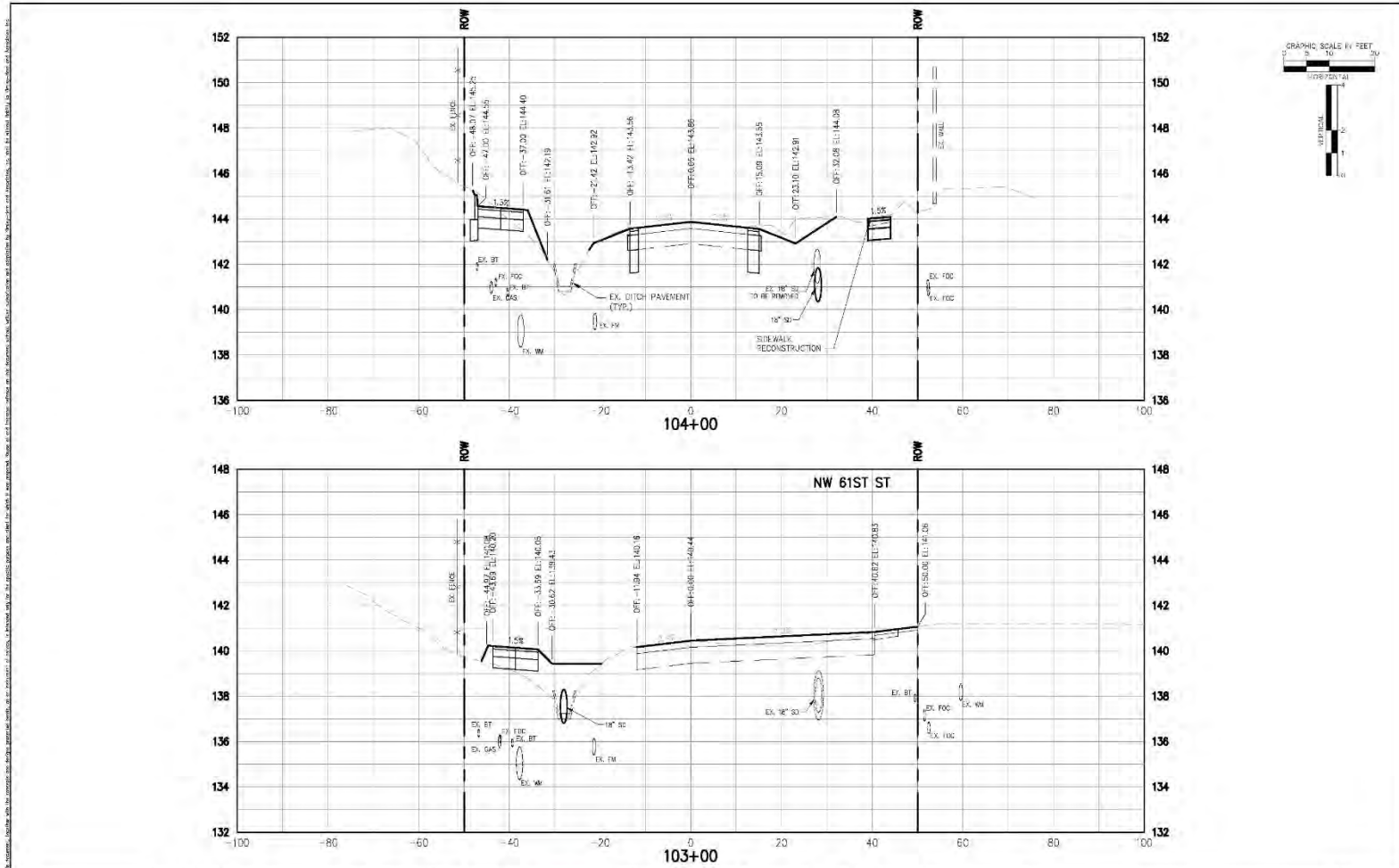
COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012

CROSS SECTIONS - (34)

SHEET NO.
CS-34

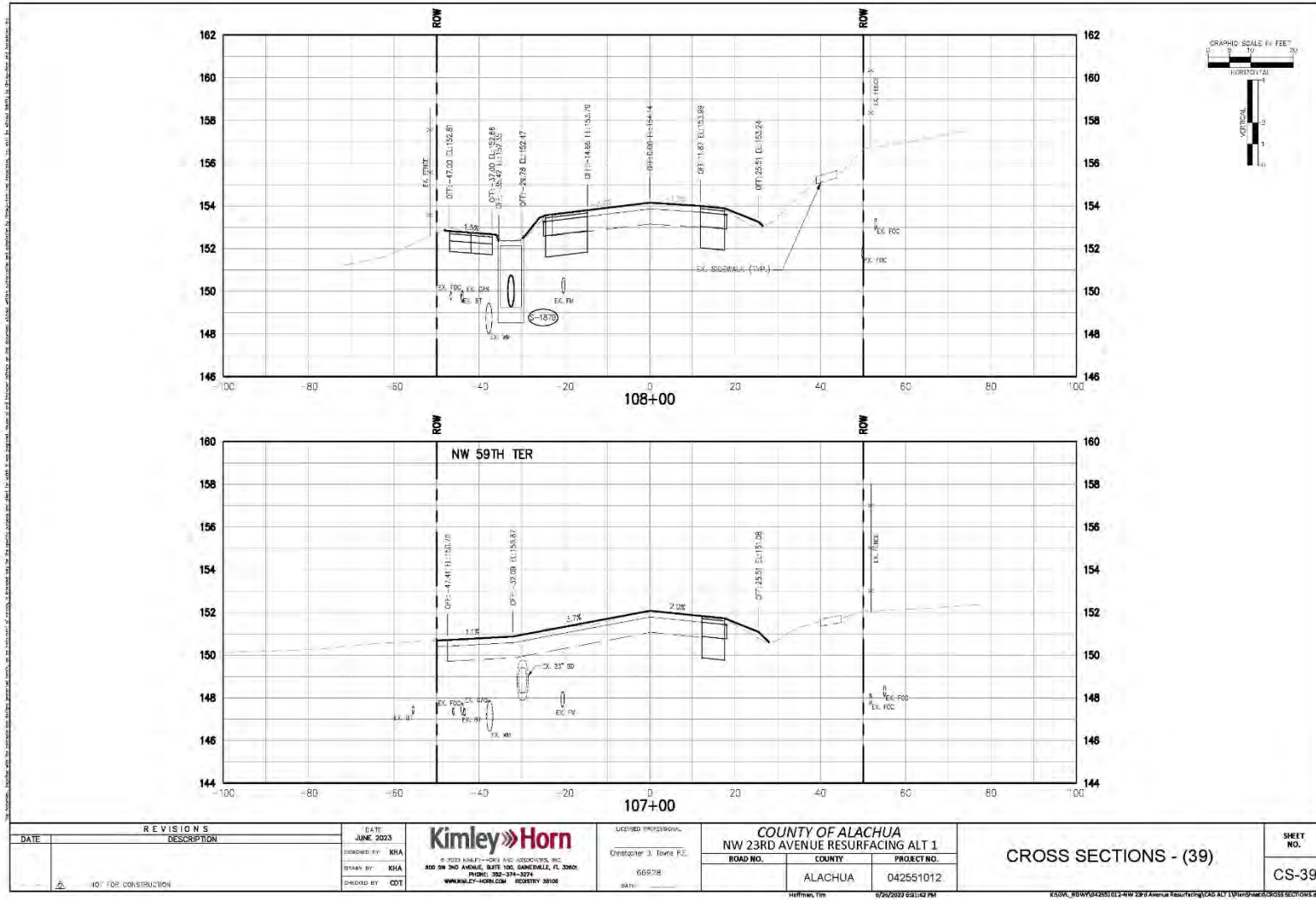


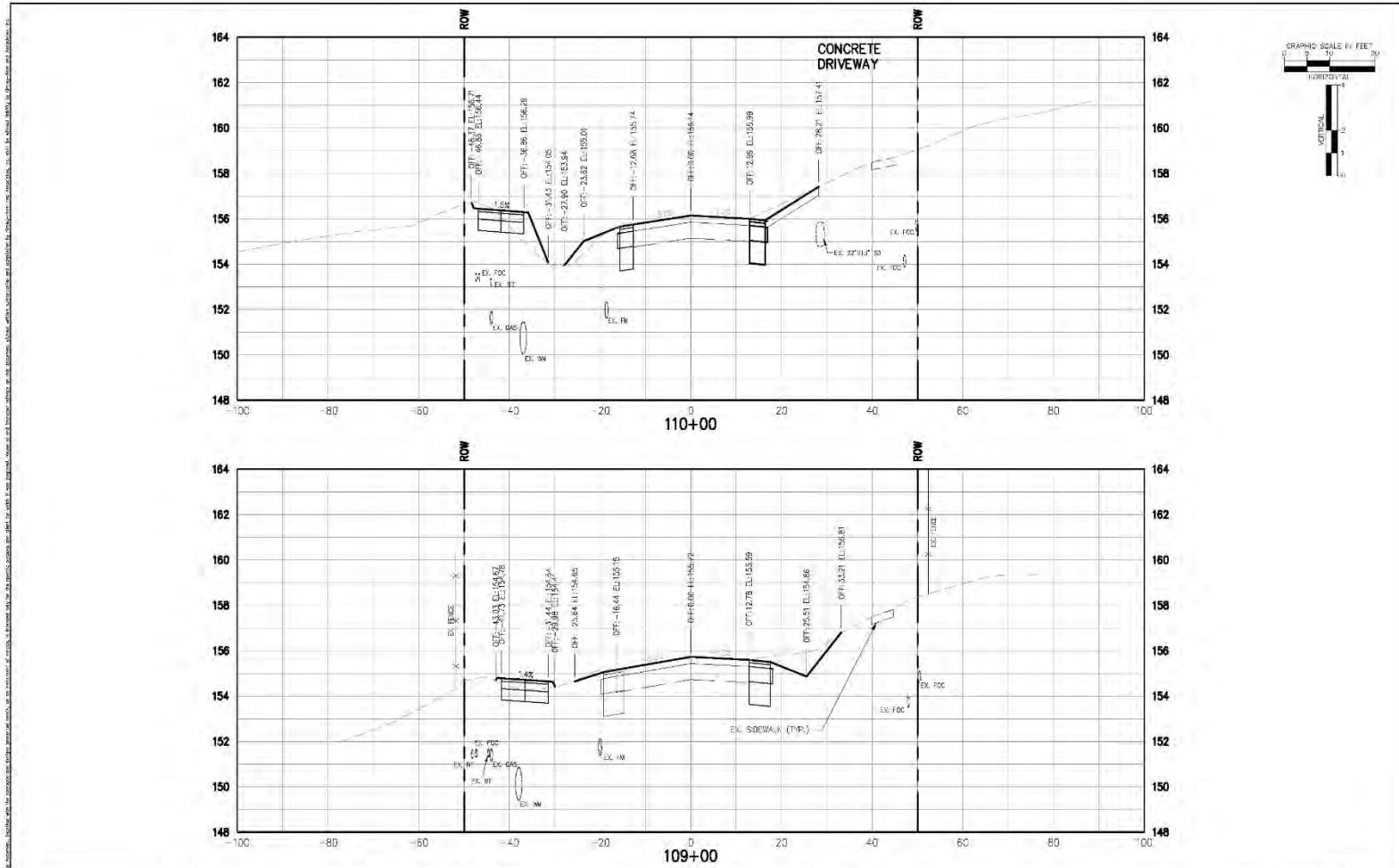
REVISIONS		DATE		LICENSED PROFESSIONAL Christopher J. Towne P.E. 66978 (State)	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		CROSS SECTIONS - (36)	SHEET NO. CS-36
DATE	DESCRIPTION	DRAWN BY: KHA CHECKED BY: CDT			ROAD NO. ALACHUA	PROJECT NO. 042551012		
▲	NOT FOR CONSTRUCTION		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY 38108					



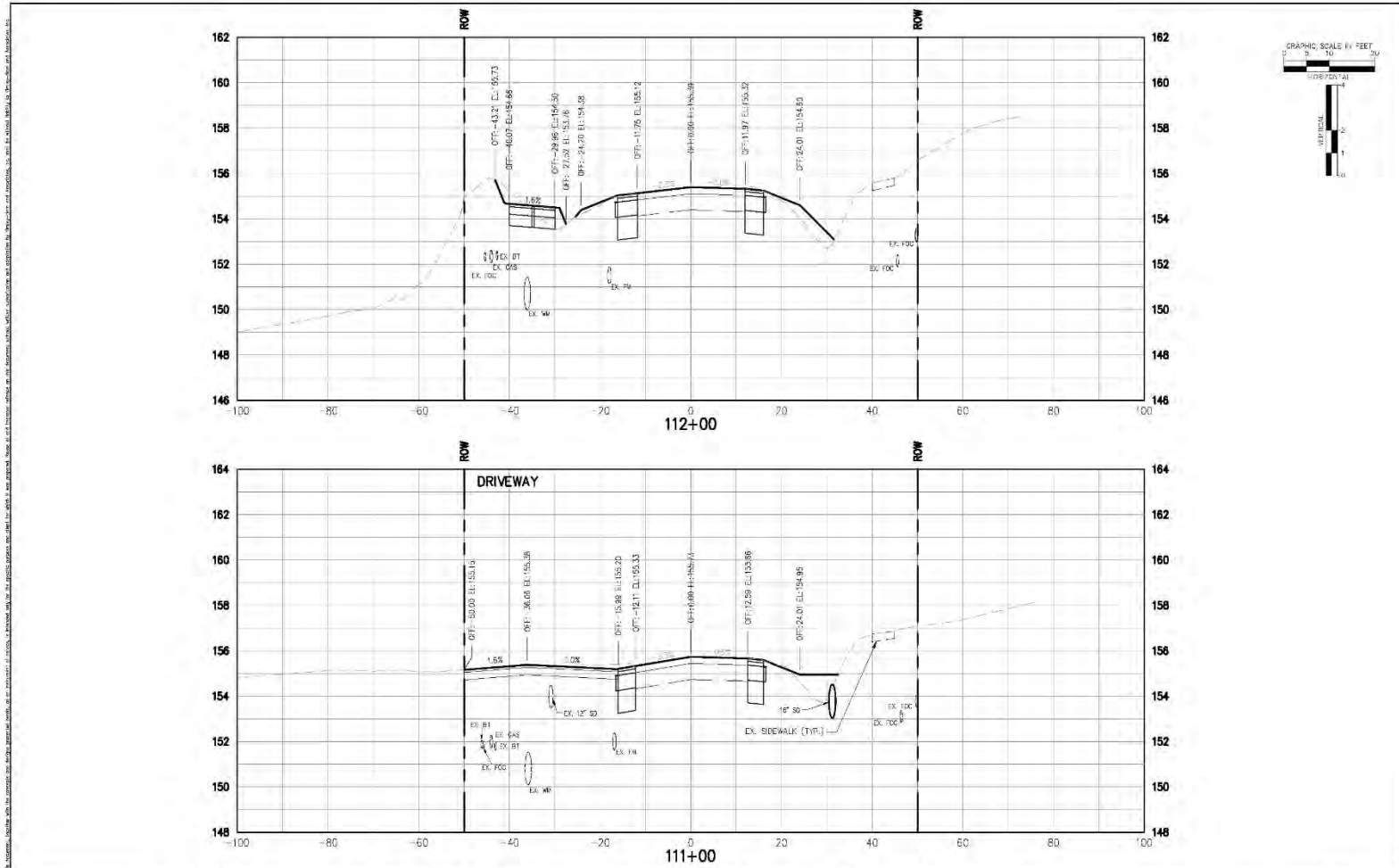
REVISIONS <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION							DATE: JUNE 2023 DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT	 6300 PARKWAY DRIVE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY 3408	LICENSED PROFESSIONAL Christopher D. Rowe P.E. 66678 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012 H:\Projects\1m 6/29/2023 6:08:51 PM	SHEET NO. CS-37
DATE	DESCRIPTION													

CROSS SECTIONS - (37)

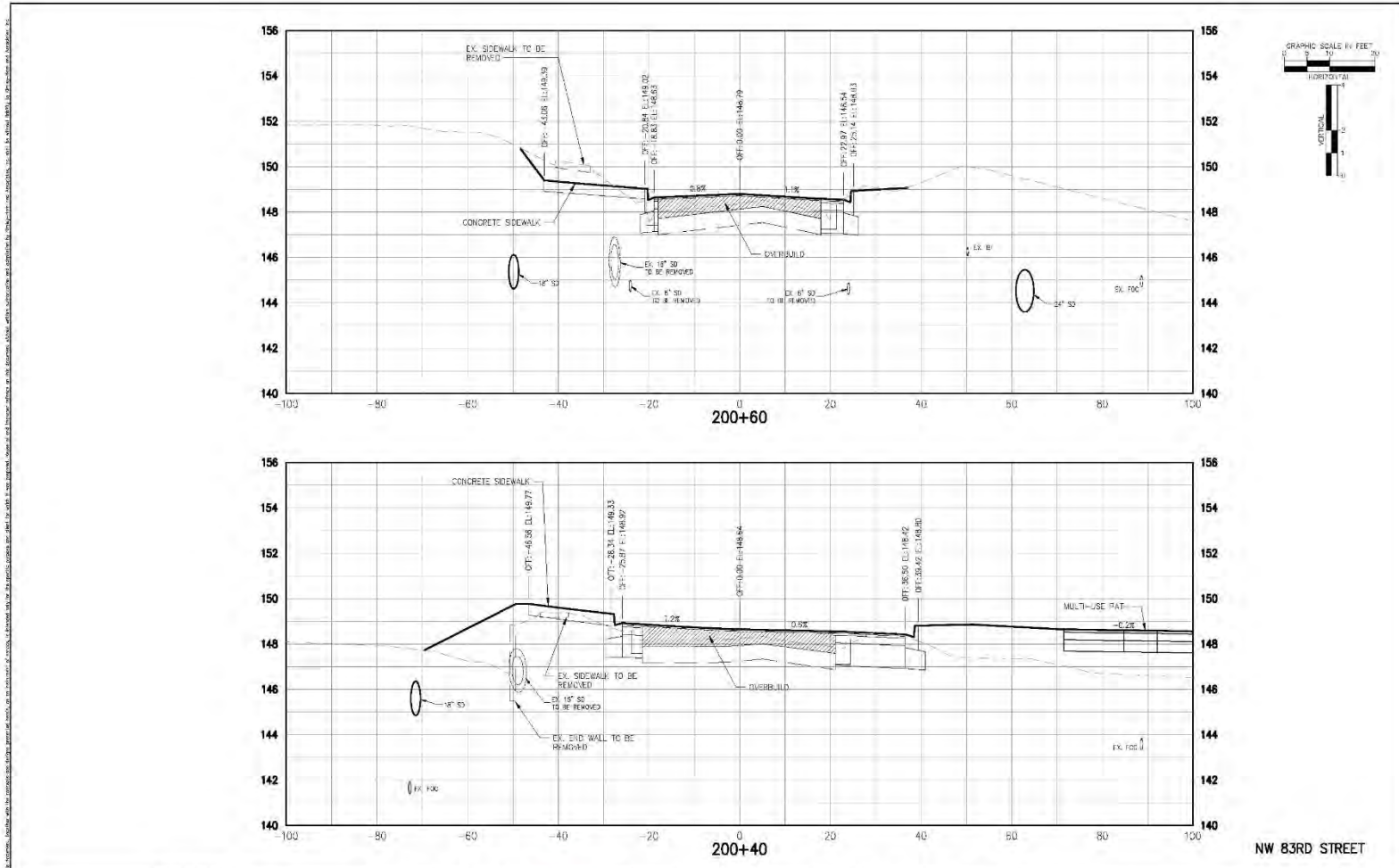




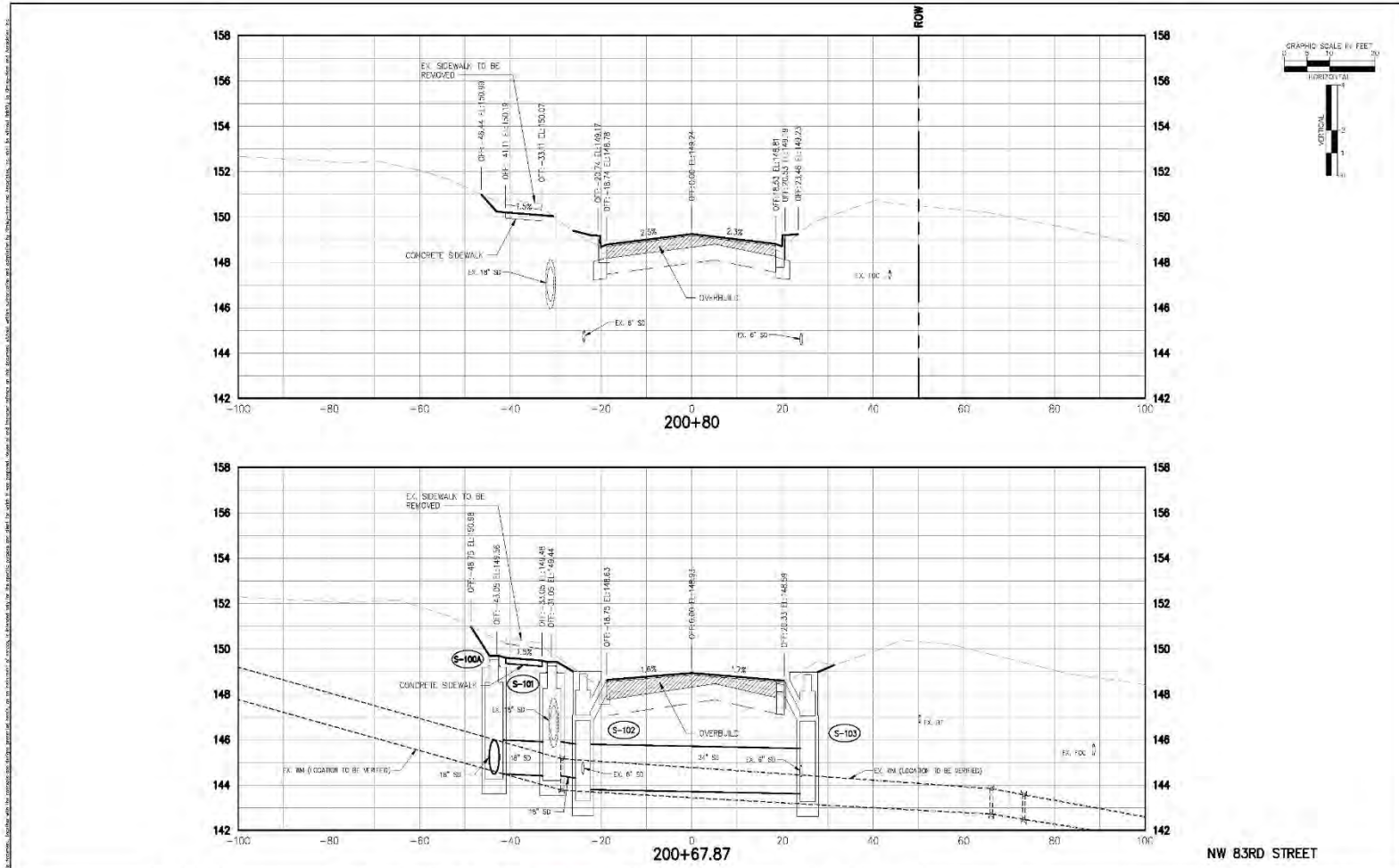
REVISIONS		DATE		LICENSED PROFESSIONAL	COUNTY OF ALACHUA		SHEET NO.
DATE	DESCRIPTION	JUNE 2023		Christopher J. Towne P.E.	NW 23RD AVENUE RESURFACING ALT 1		
			600 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM KIMLEY-HORN	66978	ROAD NO.	COUNTY	PROJECT NO.
	NOT FOR CONSTRUCTION					ALACHUA	042551012
CROSS SECTIONS - (40)							CS-40



REVISIONS <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION							DATE: JUNE 2023 DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT	<p>© 2023 KIMLEY-HORN, INC. 1100 S. UNIVERSITY AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM SECURITY 5408</p>	LICENSED PROFESSIONAL Christopher D. Rowe P.E. 66678 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012 HFF/mvs/ym 6/29/2023 9:08:59 AM	SHEET NO. CS-41
DATE	DESCRIPTION													



REVISIONS		DATE		LICENSED PROFESSIONAL Christopher J. Irvine P.E. 66978 (DATE)	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		CROSS SECTIONS - (43)	SHEET NO. CS-43
DATE	DESCRIPTION	JUNE 2023			ROAD NO.	COUNTY		
	NOT FOR CONSTRUCTION		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY 38108		ALACHUA	042551012		



REVISIONS		DATE	 © 2003 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY 38108	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1		CROSS SECTIONS - (44)	SHEET NO. CS-44
DATE	DESCRIPTION	DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT		LICENSED PROFESSIONAL Christopher J. Irvine P.E. 66978	ROAD NO. ALACHUA PROJECT NO. 042551012		
	NOT FOR CONSTRUCTION			HFF/mjm 1/m 8/25/2023 9:23:10 PM	ALACHUA 042551012		

TIMING OF SEDIMENT CONTROL PRACTICES:
 SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT EARTH DISTURBING ACTIVITY.
 SETTLING FACILITIES, PERIMETER CONTROL, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN DAYS FROM THE START OF WORK. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UNPAVED DEVELOPMENT AREA IS REINSTALLED.

STABILIZATION OF NON STRUCTURAL PRACTICES:
 CONTROL PRACTICES SHALL PRESERVE EXISTING VEGETATION WHERE ATTAINABLE AND DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS PRACTICAL AFTER GRADING OR CONSTRUCTION.
 DESLUDGED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN FORTY-FIVE DAYS IF THEY ARE TO REMAIN EXPOSED FOR MORE THAN FORTY-FIVE DAYS. REPAIRS TO OR TOPSOILING SOIL STABILIZATION SHALL BE APPLIED TO EXPOSED AREAS WITHIN FORTY-FIVE DAYS OF THE FINAL STRIP IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DESLUDGED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN EXPOSED (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.

SEDIMENT BARRIERS:
 SHEET PILING FROM DESLUDGED AREAS SHALL BE INTERCEPTED BY SEDIMENT BARRIERS.
 SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLED FACILITIES SHALL PROTECT ALL AREAS WHERE REQUIRED FROM SEDIMENT TRANSPORT BY SHEET PILING.

INLET PROTECTION:
 ALL FORM SEVEN INLETS WHICH ACCEPT WATER RUNOFF FROM THE DEVELOPMENT AREA SHALL BE PROTECTED FROM SEDIMENT AND WATER POLLUTANTS BY THE SEDIMENT SYSTEM WITHOUT FIRST BEING POOLED AND FILTERED.

MAINTENANCE:
 TEMPORARY EROSION CONTROL FEATURES SHALL BE ACCEPTABLY MAINTAINED AND SHALL BE REPAIRED OR REPLACED WHEN DAMAGED BY THE END USER AND COST TO THE OWNER SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

STOCKPILES:
 ALL SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY PERIMETER CONTROL DEVICES SUCH AS SYNTHETIC-RAY SALES DICES OR FILTER FABRIC FENCES. AND THESE PERIMETER CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

PERMANENT VEGETATION:
 PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACQUIRED WHICH, IN THE OPINION OF THE INSPECTOR, PROVIDES ADEQUATE COVER AND IS NATURE ENOUGH TO CONTROL SOIL EROSION SUFFICIENTLY TO PREVENT ADVERSE WEATHER CONDITIONS.

CONSTRUCTION ACCESS ROADS:
 MATERIALS SHALL BE TAKEN TO PERMANENT SOIL TRANSPORT ONTO SURFACES OF THE ROAD WHERE RUNOFF IS NOT CHECKED.

INSPECTION SCHEDULE:

- DIVERSION SWALE AND STRUCTURAL PROTECTION - INSPECT EVERY 7 DAYS OR AFTER EACH RAINFALL EVENT. REPAIRS REQUIRED.
- INLET PROTECTION - INSPECT FOR SEDIMENT ACCUMULATION AFTER EACH RAINFALL AND ONLY DURING CONTINUED RAINFALL. REPAIR OR REPLACE WHEN WATER FLOW IS RESTRICTED BY SEDIMENT.
- VEGETATIVE PLANTING - INSPECT AFTER SPROUTING OCCURS AND REPLANT BARE AREAS. INSPECT ESTABLISHED COVER EVERY 15 DAYS FOR DAMAGE TO PLANT AS REQUIRED. MAINTAIN ESTABLISHED COVER IN MAINTENANCE HEIGHT. REPAIR AS REQUIRED DURING DRY PERIODS TO MAINTAIN LIVE VEGETATION.

DITCH BARRIERS:
 BULKY STALLS OR WALLS SHALL BE LOW UNIFORM ORIENTED THROUGHOUT THE DITCH CONTOUR, WITH EDGES OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.
 THE FRAMING SYSTEM FOR INSTALLING A SYNTHETIC RAY BARRIER TO STOP FLOW AND CONTROL EROSION, ETC. WITH THE FOLLOWING CHARACTERISTICS SHALL BE INSTALLED SUCH THAT UNDER CUTTING BEHIND THE BALES BY THE USE OF FLOOD CHECK DAMS PLACED ADJACENT TO THE SYNTHETIC RAY BALES.
 THE BARRIER SHALL BE EXTENDED TO A LENGTH THAT THE BOTTOMS OF THE END BARRIERS ARE HIGHER IN ELEVATION FROM THE TOP OF THE LOWEST MIDDLE BALE TO ASSURE THAT SEDIMENT LOADS RUNOFF WILL FLOW EITHER THROUGH OR OVER THE BARRIERS, NOT AROUND THEM.

MAINTENANCE:
 SYNTHETIC RAY SALES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
 CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SALES, END RUNS AND UNDESIRABLE BENCHING SALES.
 NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
 SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIERS.
 ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SYNTHETIC RAY SALES BARRIERS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, REPAIRED AND DRESSED.
 CONTRACTOR SHALL PERIODICALLY CHECK EXISTING DITCHES TO VERIFY SUFFICIENCY AS WELL AS ADJUTING CITY STREETS, COUNTY ROADS AND STATE HIGHWAYS AS APPROPRIATE FOR THE PARTICULAR PROJECT TO KEEP THESE SURFACES IN A SUBSTANTIALLY SEDIMENT-FREE CONDITION. SPOTTING SHALL BE DONE ON A REGULAR BASIS TO REMOVE THE WEAR SURFACE INCLUDING, NOT IMPROPERLY, AFTER EVERY RAIN EVENT AND EVERY FIFTEEN AFTERNOON PRIOR TO CLEARING WORK FOR THE WEEK.

SEDIMENT FENCE:
 SEDIMENT FENCES ARE DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOW ARE EXPECTED.

- THE HEIGHT OF A SEDIMENT FENCE SHALL NOT EXCEED 30 INCHES (HIGHER FENCES MAY IMPROVE VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE).
- THE FILTER FABRIC SHALL BE PURCHASED IN 4' CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, THEY MUST BE SPICED TOGETHER ONLY BY A SUPPORT POST WITH A MINIMUM BENCH OVERLAP AND SECURELY SEALED.
- POSTS SHALL BE SPACED A MINIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). WHEN EXISTING STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 8 FEET.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND 45 DEGREE FROM THE BARRIER.
- WHEN AN EXTRA STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED PROMPTLY TO THE UPPER EDGE OF THE EXISTING HEAVY DUTY WIRE STRAP AT LEAST 1/2 INCH OVER THE WIRE OR ROD PINS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 10 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WEDGED TO THE FENCE A 1/2 INCHES OR THE FABRIC SHALL BE EXTENDED TO THE ORIGINAL SURFACE. THE FABRIC SHALL NOT BE TIGHTER THAN 1/4 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSURE POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED IN SUCH CASES. THE FILTER FABRIC IS STAPLED OR WEDGED TO THE POSTS WITH ALL OTHER PRECAUTIONS OF THIS SPECIFICATION.
- THE TRENCH SHALL BE BACKFILLED WITH SOIL COMPACTED OVER THE FILTER FABRIC.
- SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE. BUT NOT BEFORE THE UNDERLYING AREA HAS BEEN EROSION-RESISTANTLY STABILIZED.

MAINTENANCE:
 SEDIMENT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 SHOULD THE FABRIC ON A SEDIMENT FENCE OR FILTER BARRIER BE DAMAGED OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
 SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SEDIMENT FENCE OR FILTER BARRIER NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, REPAIRED, AND SHEETED.

ADDITIONAL MEASURES:
 THIS TABLE REPRESENTS THE MINIMUM AMOUNT OF EROSION AND SEDIMENT CONTROL MEASURES, IN THE OPINION OF THE ENGINEER, THAT MAY BE NECESSARY UNDER FAVORABLE WEATHER CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL MEASURES OR PRACTICES THAT MAY BE NECESSARY TO CONTROL EROSION, LIMIT DISCHARGE OF POLLUTANTS, PARTICULATES, ETC. TO FULLY COMPLY WITH ALL GOVERNMENTAL RULES AND/OR PERMIT REQUIREMENTS.

EROSION AND SEDIMENT CONTROL NARRATIVE:
 PLAN DESIGNER: KIMLEY HORN AND ASSOCIATES, INC.
 100 SOUTH PALM STREET, SUITE 100
 GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 OWNER: ALACHUA COUNTY BOARD OF COUNTY COMMISSIONERS
 1300 1ST STREET, 2ND FLOOR
 GAINESVILLE, FL 32601
 (352) 384-6000
 SITE CONTACT: ALACHUA COUNTY PUBLIC WORKS
 8220 NW 120TH AVE
 SUITE 100, GAINESVILLE, FL 32609
 ATTN: JAMES HULLSHEIM, PH.D.
 PROJECT MANAGER
 352-548-1113
POLLUTION PREVENTION:
 THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM IS REGULATED THROUGH FEDERAL CONDITIONS AND FEDERAL ENVIRONMENTAL PROTECTION ACT. IF YOUR CONSTRUCTION ACTIVITY VIOLATES THESE REGULATIONS, THEN YOU WILL BE REQUIRED TO SUBMIT A NOTICE OF VIOLATION (NOV) AND PREPARE A STORM WATER PREVENTION PLAN (SWPP) FOR MORE INFORMATION PLEASE VISIT THE WEBSITE AT WWW.SURFSTATEFLORIDA.COM UNDER NPDES.
 1. CONTROL THE STORM WATER DISCHARGE TO SURFACE WATERS OF THE STATE OR INTO A MUNICIPAL SEWAGE STORM SEWER SYSTEM (MS4) AS SOON AS POSSIBLE.
 2. DISTURB ONE OR MORE ACRES OF LAND (INCLUDING LESS THAN ONE ACRE IF ACTIVITY IS PART OF A LARGE COMMERCIAL OR DEVELOPMENT) OR SALE THAT WILL NEED CUP EXCEPT A ONE ACRE TRIP TO SITE. CONTACT THE NPDES OFFICE OF FLORIDA'S SWPP AND EXCAVATING, THEN YOU WILL BE REQUIRED TO SUBMIT A NOTICE OF VIOLATION AND PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPP). FOR MORE INFORMATION PLEASE VISIT THE WEBSITE AT WWW.SURFSTATEFLORIDA.COM UNDER NPDES.



REVISIONS		DATE
DATE	DESCRIPTION	JUNE 2023
	DESIGNED BY: KHA	
	DRAWN BY: KHA	
	CHECKED BY: CDT	
RESID FOR CONSTRUCTION		

Kimley Horn
 © 2023 KIMLEY HORN AND ASSOCIATES, INC.
 100 SOUTH PALM STREET, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM MEMBER ASCE

LICENSED PROFESSIONAL
 Christopher D. Towne P.E.
 66928
 DATE: _____

COUNTY OF ALACHUA		
NW 23RD AVENUE RESURFACING ALT 1		
ROAD NO.	COUNTY	PROJECT NO.
	ALACHUA	042551012
Hffm\m\m		6/27/2023 09:23 AM

STORMWATER POLLUTION PREVENTION NOTES

SHEET NO. SW-1

TABULATION OF QUANTITIES												
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS								TOTAL THIS SHEET	
			S4		S5		S6		S7		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
523-3	PATTERNED PAVEMENT	SY										
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (<12 SF)	AS	1		3		7		3			14
700-1-50	SINGLE POST SIGN (RELOCATE)	AS	1		3		1		3			8
700-1-60	SINGLE POST SIGN (REMOVE)	AS	1				1					2
706-1-1	RETROREFLECTIVE PAVEMENT MARKER (TYPE B) (W/O FINAL SURFACE MARKINGS)	EA	172		108		146		100			526
710-90	PAINTED PAVEMENT MARKING (FINAL SURFACE)	LS										
711-11-101	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	GM	0.312		0.409		0.431		0.447			1.598
711-11-102	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (8" FOR INTERCHANGE AND URBAN ISLAND)	GM	0.103									0.103
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12" FOR CROSSWALKS AND ROUNDABOUT)	LF	316		342		101		122			881
711-11-124	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (18" FOR DIAGONALS AND CHEVRONS)	LF	290									290
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24" FOR STOP LINE AND CROSSWALK)	LF	70		61		44		24			199
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION) (6")	GM										
711-11-170	THERMOPLASTIC (STANDARD) (WHITE) (ARROW)	EA	12		10		8		3			33
711-11-201	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	GM	0.551		0.458		0.535		0.519			2.063
711-11-224	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (18" FOR DIAGONAL OR CHEVRONS)	LF	218		15		140		70			443
711-11-231	THERMOPLASTIC (STANDARD) (YELLOW) (10-30 SKIP) (6")	GM			0.269		0.208					0.477
711-11-241	THERMOPLASTIC (STANDARD) (YELLOW) (2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION) (6")	GM	0.031									0.031
711-14-125	THERMOPLASTIC (PREFORMED) (WHITE) (SOLID) (24" FOR CROSSWALK)	LF	150		66							216

* THESE QUANTITIES ARE PAID UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPEC. 710 FOR THE NO. OF APPLICATIONS REQ.

REVISIONS DATE DESCRIPTION		DATE MAY 2023	Kimley-Horn and Associates, Inc. 2025 KIMLEY-HORN AND ASSOCIATES, INC. 300 SW 2ND AVENUE, SU. 16 100 CORNFIELD, FL 32901 PHONE: 305-374-3974 WWW.KIMLEY-HORN.COM HESSELY 20195	LICENSED PROFESSIONAL Christopher D. Torre P.E. 86928 DATE	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	SUMMARY OF QUANTITIES	SHEET NO. S-1
NO. FOR CONSTRUCTION		DESIGNED BY: KWA DRAWN BY: KHA CHECKED BY: CDT		H:\Projects\176\176000\176000.dwg 5/16/2023 9:37:43 PM	K:\Work\0400\042551012\NW 23RD Avenue Resurfacing\2401.dwg 5/16/2023 9:37:43 PM		

I hereby certify that the information furnished on this form is true and correct to the best of my knowledge and belief, and that I am a duly licensed professional engineer in the State of Florida. I am the duly authorized signatory for the project described herein and I am duly licensed in the State of Florida.

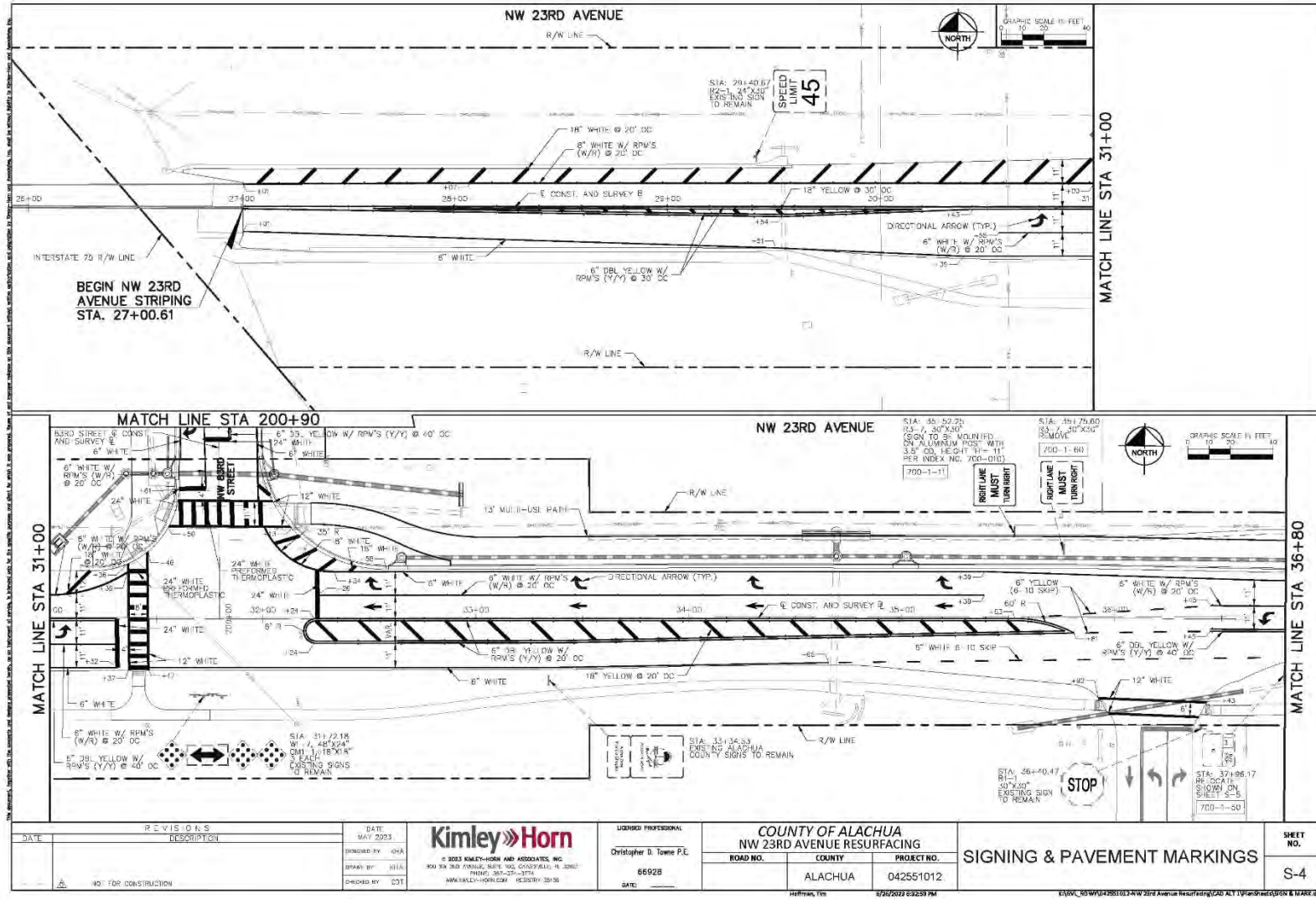
TABULATION OF QUANTITIES												
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS								TOTAL THIS SHEET	
			S8		S9		S10		S11		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
523-3	PATTERNED PAVEMENT	SY								11	11	
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (<12 SF)	AS	6		3		4			6	19	
700-1-50	SINGLE POST SIGN (RELOCATE)	AS	5		2					5	13	
700-1-60	SINGLE POST SIGN (REMOVE)	AS					1				1	
706-1-1	RETROREFLECTIVE PAVEMENT MARKER (TYPE B) (W/O/FINAL SURFACE MARKINGS)	EA	143		89		131			98	461	
710-90	PAINTED PAVEMENT MARKING (FINAL SURFACE)	LS										
711-11-101	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	GM	0.435		0.431		0.432			0.325	1.623	
711-11-102	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (8" FOR INTERCHANGE AND URBAN ISLAND)	GM								0.015	0.015	
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12" FOR CROSSWALKS AND ROUNDABOUT)	LF	108		102		92			198	500	
711-11-124	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (18" FOR DIAGONALS AND CHEVRONS)	LF								45	45	
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24" FOR STOP LINE AND CROSSWALK)	LF	96		45		20			54	215	
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION) (6")	GM								0.061	0.061	
711-11-170	THERMOPLASTIC (STANDARD) (WHITE) (ARROW)	EA	5		2		3			9	19	
711-11-201	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	GM	0.611		0.519		0.617			0.384	2.131	
711-11-224	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (18" FOR DIAGONAL OR CHEVRONS)	LF	229		48		115			113	505	
711-11-231	THERMOPLASTIC (STANDARD) (YELLOW) (10-30 SKIP) (6")	GM								0.122	0.122	
711-11-241	THERMOPLASTIC (STANDARD) (YELLOW) (2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION) (6")	GM								0.031	0.031	
711-14-125	THERMOPLASTIC (PREFORMED) (WHITE) (SOLID) (24" FOR CROSSWALK)	LF								79	79	

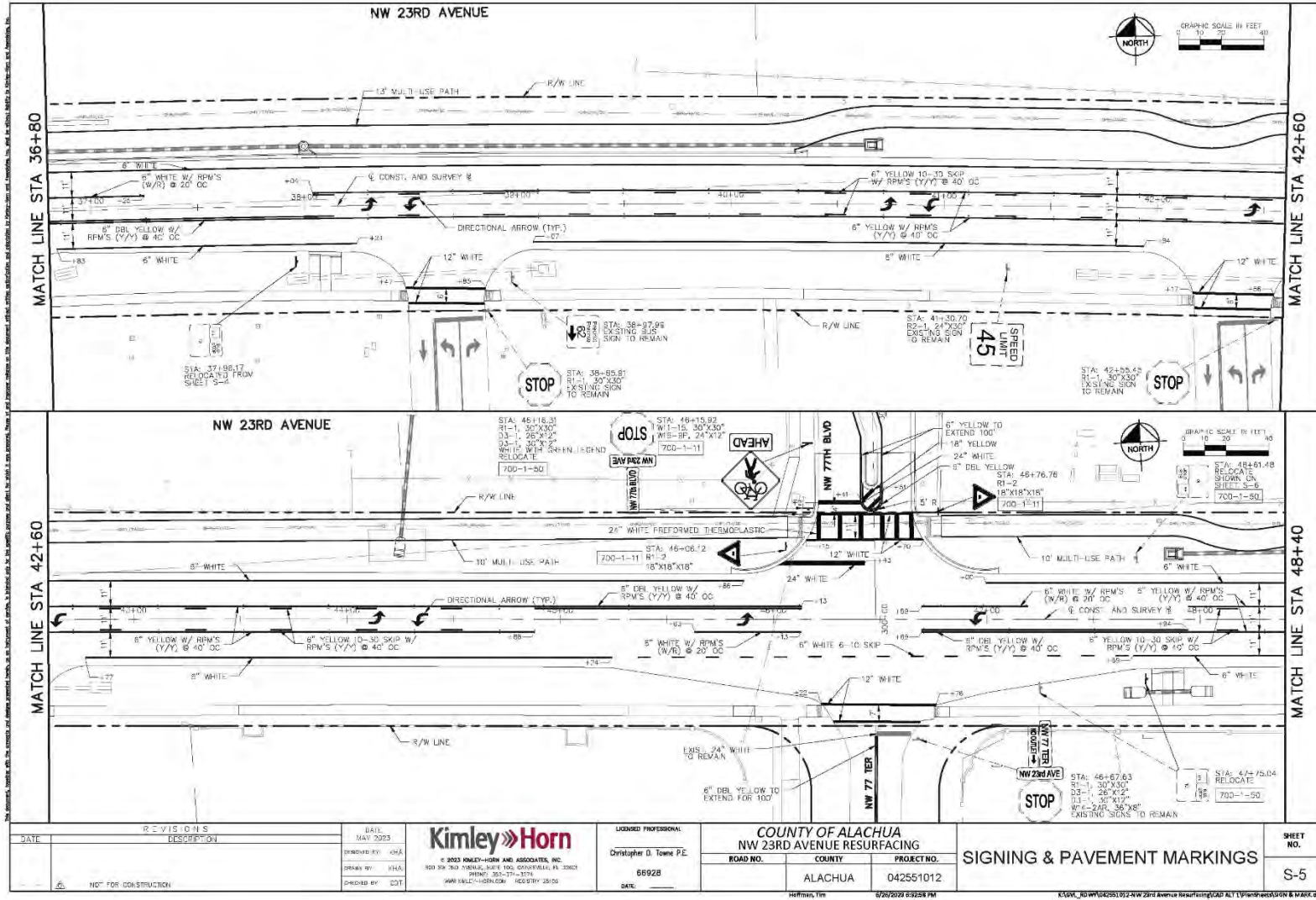
* THESE QUANTITIES ARE PAID UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPEC. 710 FOR THE NO. OF APPLICATIONS REQ.

REVISIONS DATE DESCRIPTION		DATE MAY 2023	2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3204 WWW.KIMLEY-HORN.COM REGISTRY: 3508	LICENSED PROFESSIONAL Christopher D. Towne P.E. 69925 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	SUMMARY OF QUANTITIES	SHEET NO. S-2
NOT FOR CONSTRUCTION							

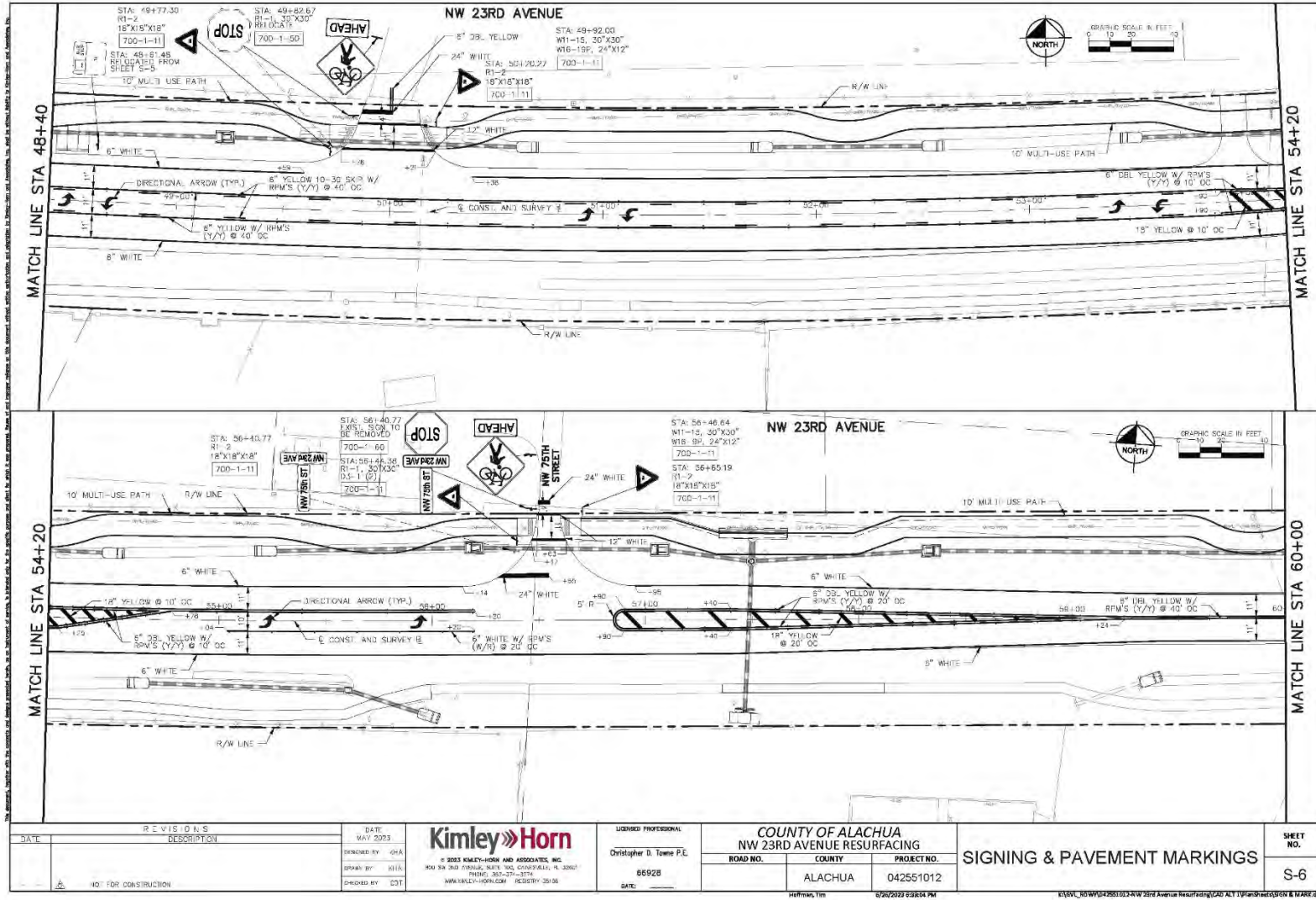
TABULATION OF QUANTITIES						
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBER		GRAND TOTAL	
			S12		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL
523-3	PATTERNED PAVEMENT	SY				11
700-1-11	SINGLE POST SIGN (F&I) (GROUND MOUNT) (<12 SF)	AS				33
700-1-50	SINGLE POST SIGN (RELOCATE)	AS				21
700-1-60	SINGLE POST SIGN (REMOVE)	AS				3
706-1-1	RETROREFLECTIVE PAVEMENT MARKER (TYPE B) (W/OUT FINAL SURFACE MARKINGS)	EA	1			988
710-90	PAINTED PAVEMENT MARKING (FINAL SURFACE)	LS				1
711-11-101	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	GM	0.018			3.240
711-11-102	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (8" FOR INTERCHANGE AND URBAN ISLAND)	GM				0.118
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12" (FOR CROSSWALKS AND ROUNDABOUT)	LF				1358
711-11-124	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (18" (FOR DIAGONALS AND CHEVRONS)	LF				335
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24" (FOR STOP LINE AND CROSSWALK)	LF				490
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION) (6")	GM				0.061
711-11-170	THERMOPLASTIC (STANDARD) (WHITE) (ARROW)	EA	1			53
711-11-201	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	GM	0.012			4.206
711-11-224	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (18" FOR DIAGONAL OR CHEVRONS)	LF				948
711-11-231	THERMOPLASTIC (STANDARD) (YELLOW) (10-30 SKIP) (6")	GM				0.599
711-11-241	THERMOPLASTIC (STANDARD) (YELLOW) (2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION) (6")	GM				0.062
711-14-125	THERMOPLASTIC (PREFORMED) (WHITE) (SOLID) (24" FOR CROSSWALK)	LF				295
* THESE QUANTITIES ARE PAID UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPEC. 710 FOR THE NO. OF APPLICATIONS REQ.						

REVISIONS		DATE	 3 2023 KIMLEY-HORN AND ASSOCIATES, INC. 500 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY: 36706	LICENSED PROFESSIONAL Christopher D. Lowe P.E. 5692R DATE: _____		COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ALT 1 ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012		SUMMARY OF QUANTITIES SHEET NO. S-3
DATE	DESCRIPTION	DESIGNED BY: KHA DRAWN BY: KHA CHECKED BY: CDT		10/17/2023 (10/17) PM 1:10 PM				
- -  ISSUED FOR CONSTRUCTION								

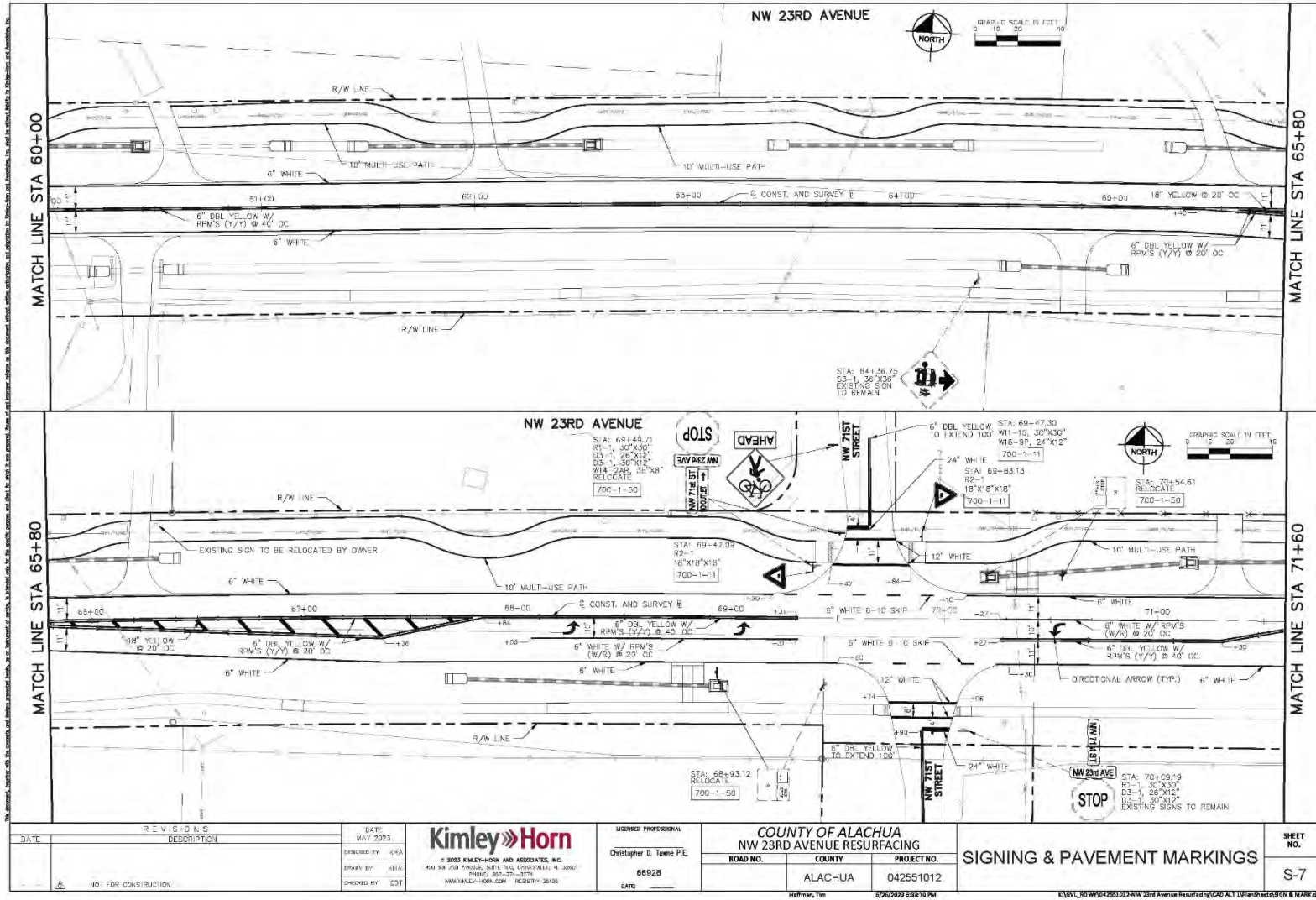




REVISIONS DATE DESCRIPTION NO FOR CONSTRUCTION		DATE: MAY 2023 DRAWN BY: JHA CHECKED BY: COT	 © 2013 KIMLEY-HORN AND ASSOCIATES, INC. 100 Pk 200 Pkwy, Suite 100, Greenville, SC 29615 PHONE: 252-377-1371 WWW.KIMLEY-HORN.COM FAX: 252-377-1370	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	SIGNING & PAVEMENT MARKINGS SHEET NO. S-5
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REVISIONS DATE DESCRIPTION MAY 2023 DESIGNED BY: QHA DRAWN BY: KHA CHECKED BY: CBT		 © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 53 280 PARKWAY, SUITE 300, CORAL GABLES, FL 33134 PH: 305-477-3770 WWW.KIMLEY-HORN.COM P: 001-305-477-3770	LICENSED PROFESSIONAL Christopher D. Towse P.E. 86928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO.		SIGNING & PAVEMENT MARKINGS	SHEET NO. S-6
10' FOR CONSTRUCTION				ALACHUA 042551012	HFM/MS/1M 6/20/2023 9:26:04 PM		



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NO.	DESCRIPTION	
1	NOT FOR CONSTRUCTION	

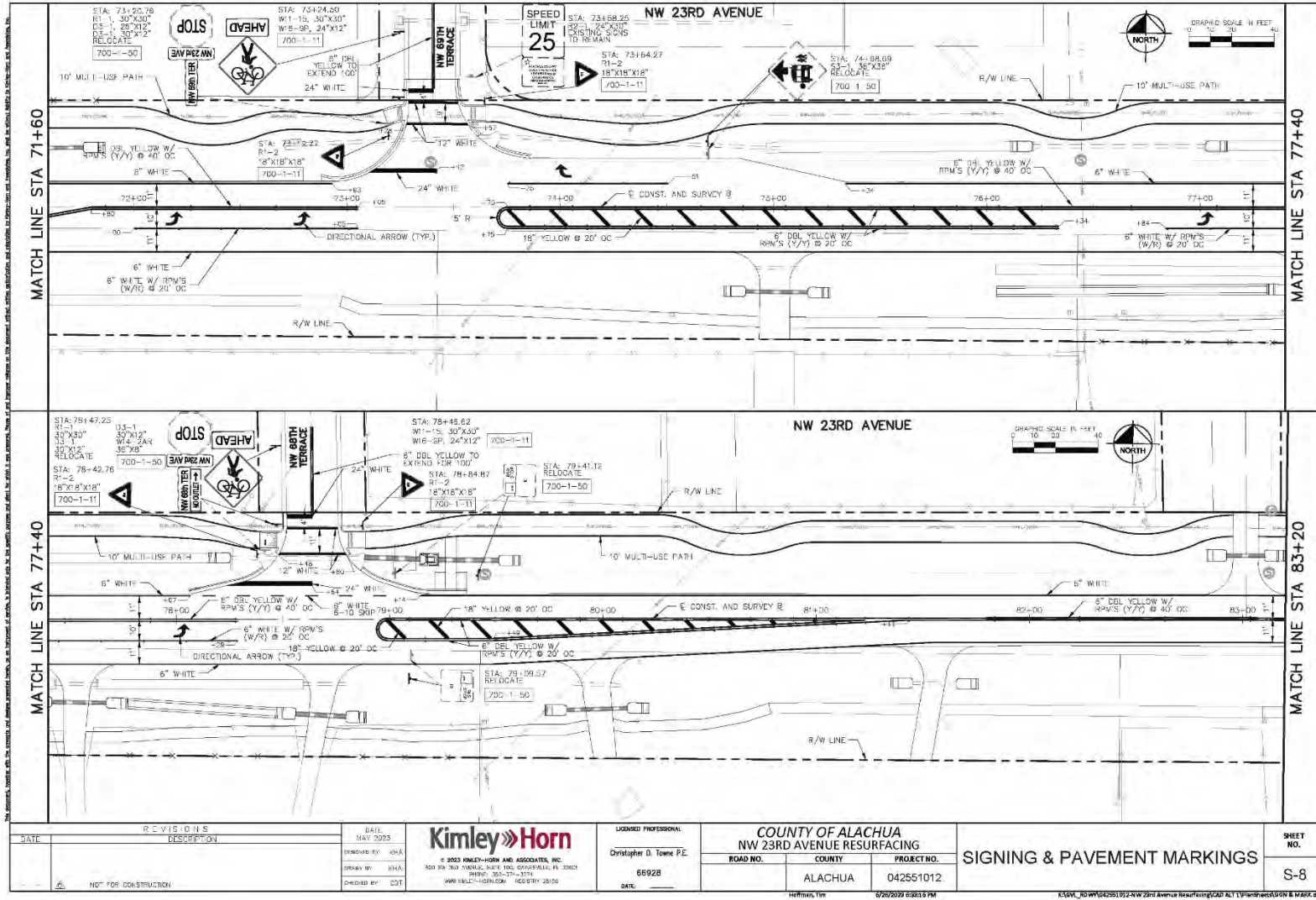
Kimley Horn
 © 2023 KIMLEY-HORN AND ASSOCIATES, INC.
 400 SW 23RD AVENUE, SUITE 100, GAINESVILLE, FL 32607
 PHONE: 352-371-3774
 WWW.KIMLEY-HORN.COM | REGISTRY: 20136

LICENSED PROFESSIONAL
 Christopher D. Towse P.E.
 86928
 DATE:

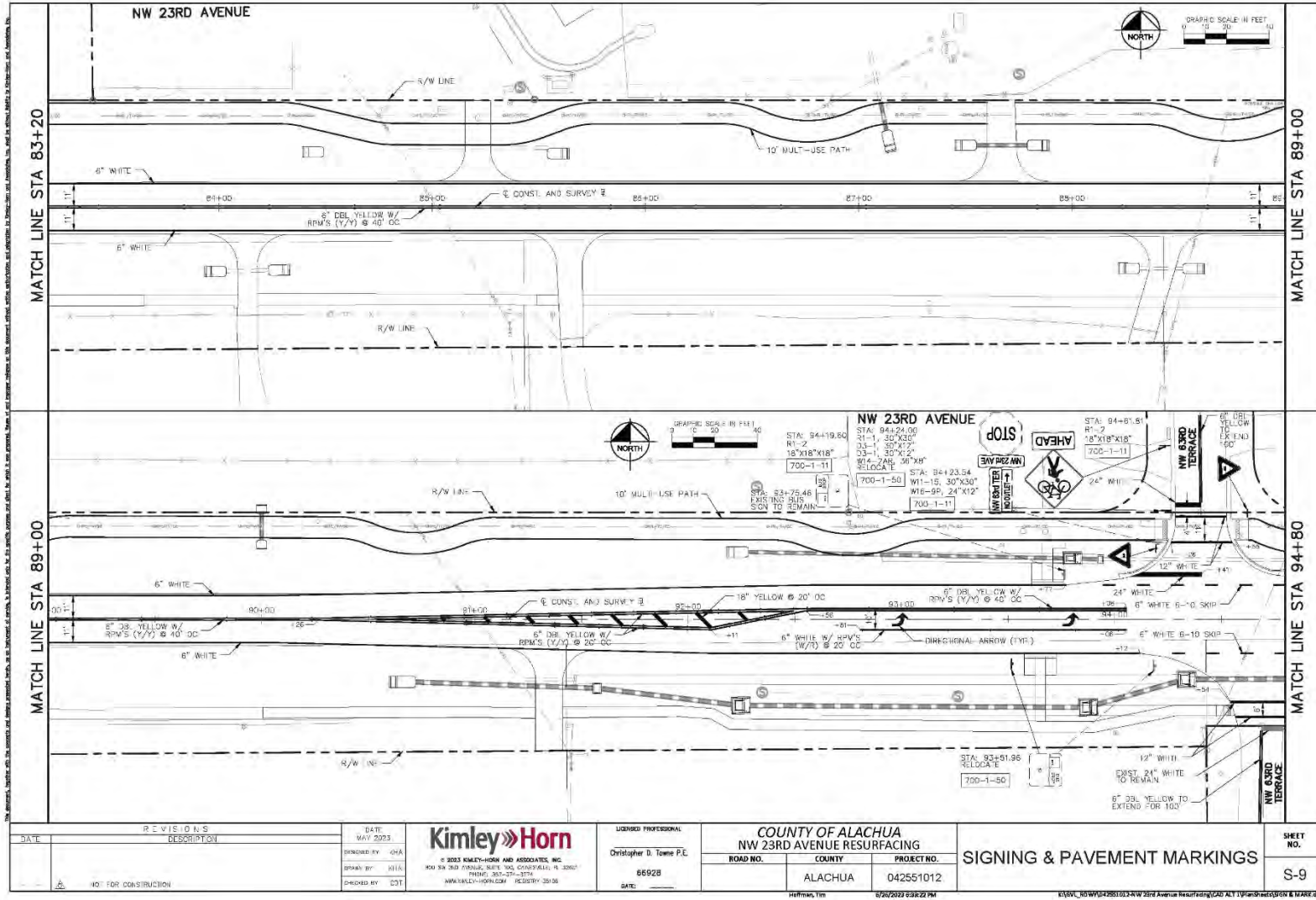
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ROAD NO.	COUNTY	PROJECT NO.
ALACHUA	ALACHUA	042551012

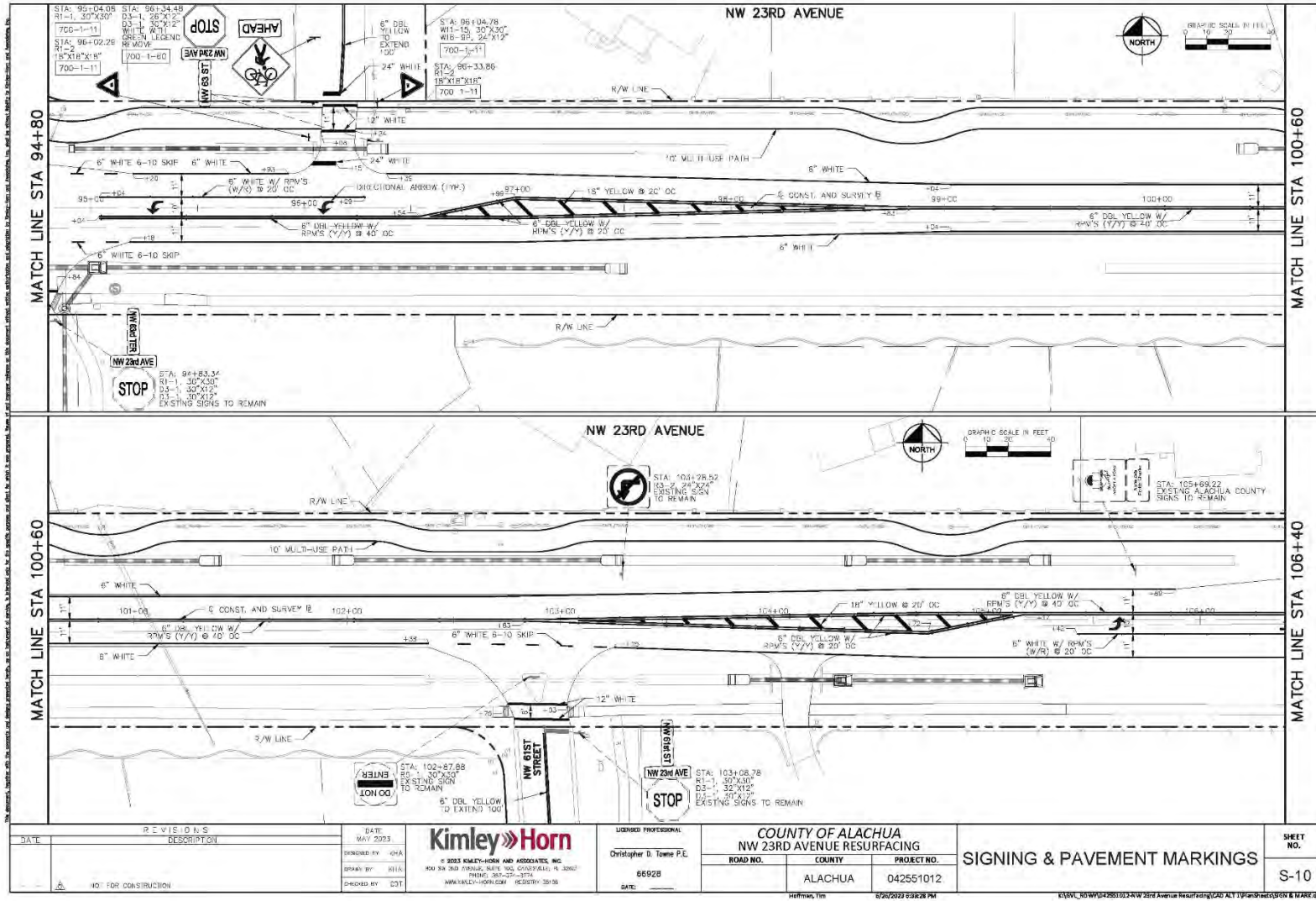
SIGNING & PAVEMENT MARKINGS

SHEET NO.
S-7

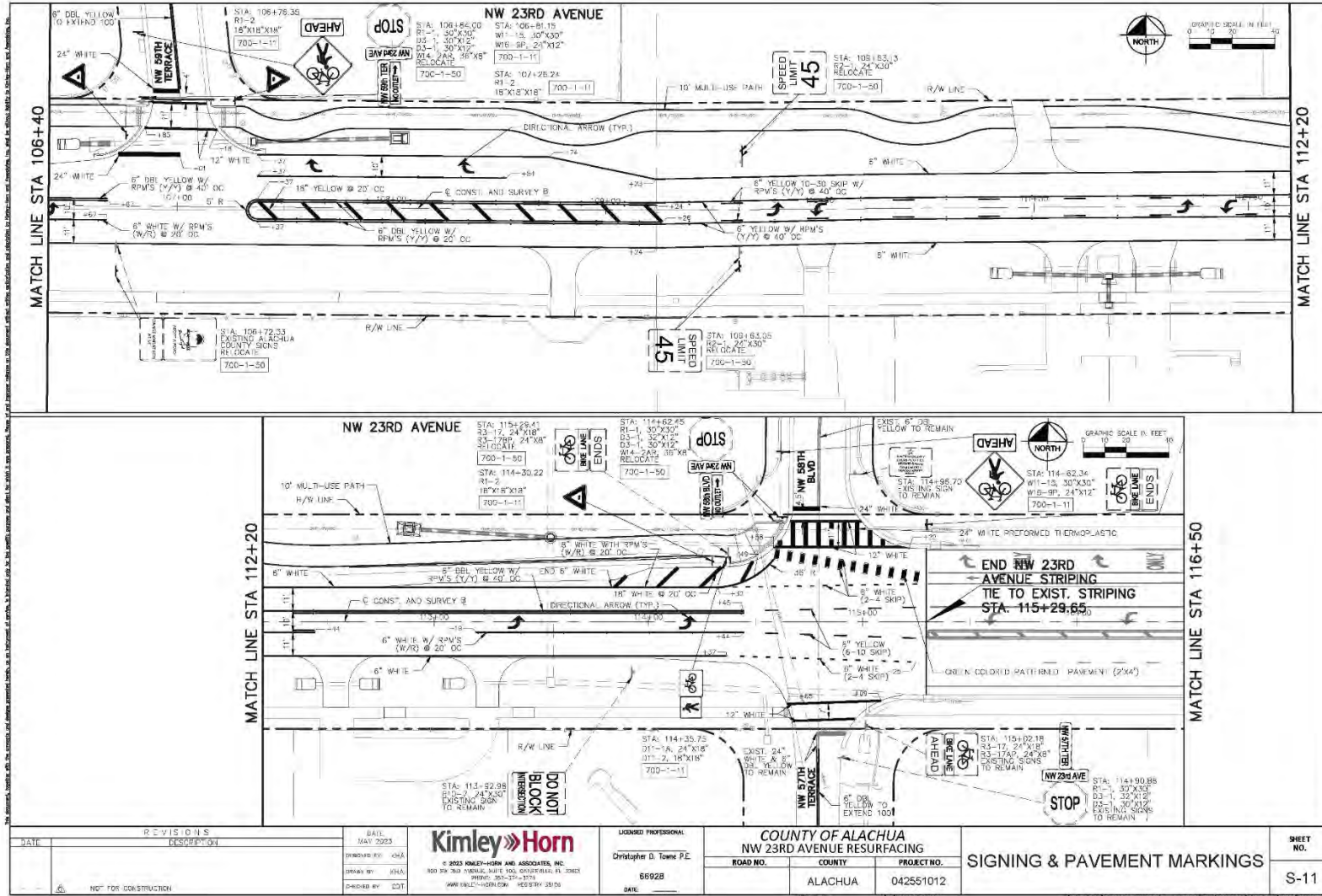


REVISIONS DATE DESCRIPTION 1 NOT FOR CONSTRUCTION		DATE: MAY 2023 DESIGNED BY: CHA DRAWN BY: JHA CHECKED BY: CST	 © 2003 KIMLEY-HORN AND ASSOCIATES, INC. 100 1st Street, Suite 100, Cocoa Beach, FL 32922 PHONE: 321-771-1171 WWW.KIMLEY-HORN.COM FAX: 321-771-1175	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012 H:\Projects\1m 6/20/2023 6:08:13 PM	SIGNING & PAVEMENT MARKINGS SHEET NO. S-8
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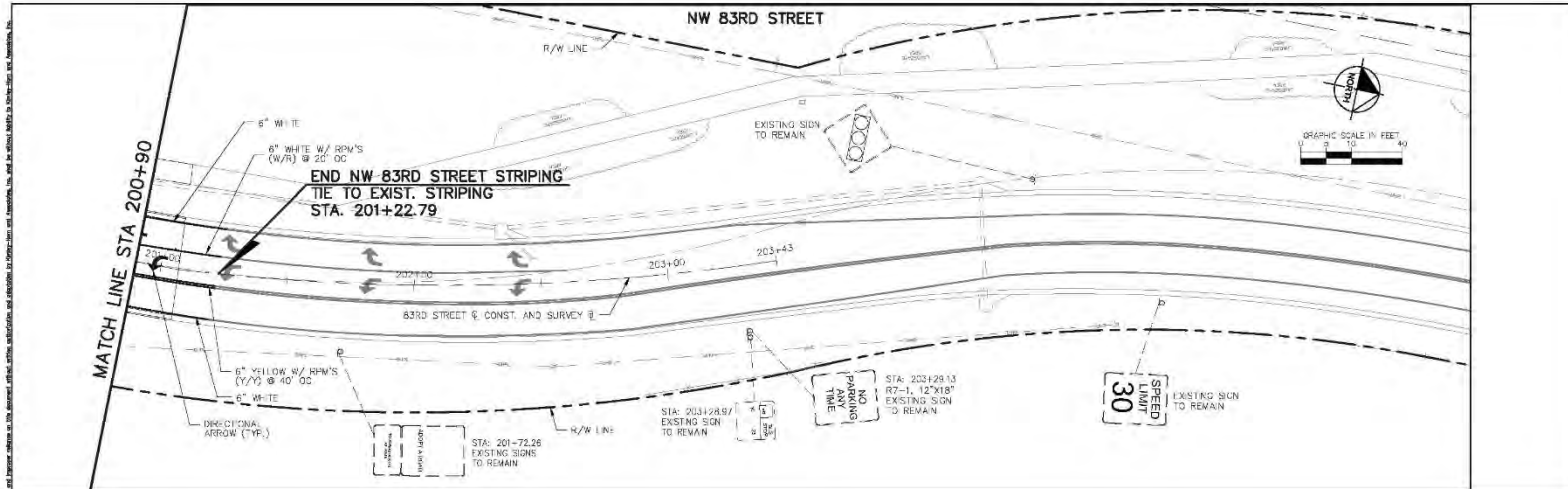


REVISIONS DATE DESCRIPTION 10/2022 FOR CONSTRUCTION		DATE: MAY 2023 DESIGNED BY: QHA DRAWN BY: HHA CHECKED BY: CBT	 © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 400 EA 28th FLOOR, SUITE 100, GAINESVILLE, FL 32607 PHONE: 352-375-3775 WWW.KIMLEY-HORN.COM E: INFO@KH.COM	LICENSED PROFESSIONAL Christopher D. Towse P.E. 66928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012	SIGNING & PAVEMENT MARKINGS SHEET NO. S-10
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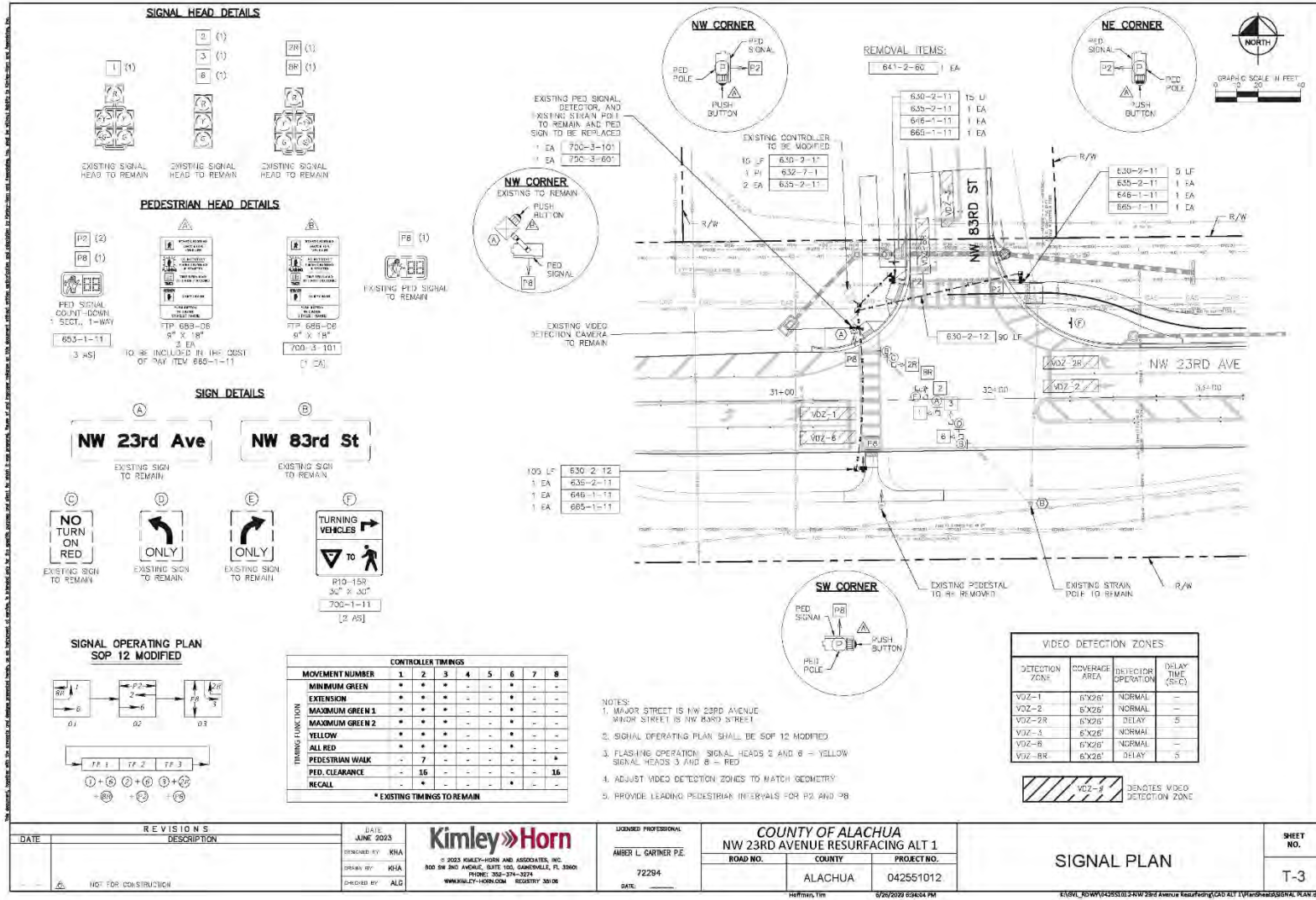


REVISIONS		DATE	DESCRIPTION
		MAY 2023	
			NOT FOR CONSTRUCTION

Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 100 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 WWW.KIMLEY-HORN.COM 352.333.3333	LICENSED PROFESSIONAL Christopher D. Towse, P.E. 65928 DATE:	COUNTY OF ALACHUA NW 23RD AVENUE RESURFACING ROAD NO. COUNTY PROJECT NO. ALACHUA 042551012 HFF/mjs/lm 6/20/2023 6:08:24 PM	SHEET NO. S-11
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<table border="1"> <thead> <tr> <th>DATE</th> <th>REVISIONS DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td>NOT FOR CONSTRUCTION</td> </tr> </tbody> </table>		DATE	REVISIONS DESCRIPTION		NOT FOR CONSTRUCTION	<table border="1"> <tr> <td>DATE</td> <td>MAY 2023</td> </tr> <tr> <td>DRAWN BY</td> <td>JHA</td> </tr> <tr> <td>CHECKED BY</td> <td>CDT</td> </tr> </table>	DATE	MAY 2023	DRAWN BY	JHA	CHECKED BY	CDT	<p>Kimley»Horn</p> <p>© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 800 5th Street, Suite 100, Gainesville, FL 32601 PHONE: 352-377-3774 WWW.KIMLEY-HORN.COM REGISTERED: 05/05</p>	<p>LICENSED PROFESSIONAL</p> <p>Christopher D. Towse P.E.</p> <p>66928</p> <p>DATE: _____</p>	<p>COUNTY OF ALACHUA</p> <p>NW 23RD AVENUE RESURFACING</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>PROJECT NO.</th> </tr> <tr> <td></td> <td>ALACHUA</td> <td>042551012</td> </tr> </table> <p>HFF/mms/lm 8/20/2023 09:52:37 AM</p>	ROAD NO.	COUNTY	PROJECT NO.		ALACHUA	042551012	<p>SIGNING & PAVEMENT MARKINGS</p> <table border="1"> <tr> <td>SHEET NO.</td> <td>S-12</td> </tr> </table> <p>K:\04_2023\042551012-NW 23rd Avenue Resurfacing\CAD\A.L.T\PlanSheetSIGN & MARK.dwg</p>	SHEET NO.	S-12
DATE	REVISIONS DESCRIPTION																							
	NOT FOR CONSTRUCTION																							
DATE	MAY 2023																							
DRAWN BY	JHA																							
CHECKED BY	CDT																							
ROAD NO.	COUNTY	PROJECT NO.																						
	ALACHUA	042551012																						
SHEET NO.	S-12																							



Certificate Of Completion

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Subject: Complete with DocuSign: #13863 - NW 23rd Avenue Resurfacing with VE Whitehurst	
Source Envelope:	
Document Pages: 175	Signatures: 3
Certificate Pages: 5	Initials: 1
AutoNav: Enabled	Envelope Originator:
Envelopeld Stamping: Enabled	Michelle Guidry
Time Zone: (UTC-05:00) Eastern Time (US & Canada)	mguidry@alachuacounty.us
	IP Address: 163.120.80.11

Record Tracking

Status: Original 11/2/2023 11:06:59 AM	Holder: Michelle Guidry mguidry@alachuacounty.us	Location: DocuSign
Security Appliance Status: Connected	Pool: StateLocal	
Storage Appliance Status: Connected	Pool: Alachua County	Location: DocuSign

Signer Events

Devin Whitehurst
dwhitehurst@vewwhitehurst.com
President
V.E. Whitehurst & Sons, Inc.
Security Level: Email, Account Authentication (None)

Signature

DocuSigned by:

ACD8291C47734CC...
Signature Adoption: Pre-selected Style
Using IP Address: 107.77.216.184

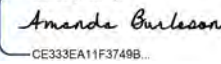
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Resent: 11/3/2023 3:52:11 PM
Resent: 11/7/2023 9:37:44 AM
Resent: 11/15/2023 9:34:01 AM
Viewed: 11/15/2023 9:55:44 AM
Signed: 11/15/2023 10:04:27 AM

Electronic Record and Signature Disclosure:

Accepted: 11/2/2023 3:48:44 PM
ID: ca5f00e1-5d82-474d-8faf-026bb05aca57

Amanda Burlison
aburlison@vewwhitehurst.com
V.E. Whitehurst & Sons, Inc.
Security Level: Email, Account Authentication (None)

DocuSigned by:

CE333EA11F3749B...
Signature Adoption: Pre-selected Style
Using IP Address: 107.72.178.204

Sent: 11/28/2023 11:46:29 AM
Viewed: 11/30/2023 9:52:53 AM
Signed: 11/30/2023 10:03:34 AM

Electronic Record and Signature Disclosure:

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ID: 1a700324-8747-4126-9be8-925d5c4534e8

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: 11/30/2023 10:03:38 AM

Electronic Record and Signature Disclosure:

Carbon Copy Events	Status	Timestamp
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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 Updated	Security Checked	11/2/2023 4:15:59 PM
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Certified Delivered	Security Checked	11/30/2023 9:52:53 AM
Signing Complete	Security Checked	11/30/2023 10:03:34 AM
Completed	Security Checked	11/30/2023 10:03:38 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure

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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.

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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.

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- 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..

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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.

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