

**CONSTRUCTION SERVICES AGREEMENT FOR TRAFFIC SIGNAL IMPROVEMENTS AT THE
INTERSECTION OF STATE ROAD 40 AND SW/NW 46TH AVENUE**

THIS CONSTRUCTION SERVICES AGREEMENT FOR TRAFFIC SIGNAL IMPROVEMENTS AT THE INTERSECTION OF STATE ROAD 40 AND SW/NW 46TH AVENUE (Agreement") is entered into by and between the **CITY OF OCALA**, a Florida municipal corporation ("City"), and **C.W. ROBERTS CONTRACTING, INC.**, a for-profit corporation duly organized and authorized to do business in the state of Florida (EIN:59-1683951) ("Contractor").

RECITALS:

WHEREAS, on January 30, 2025, City issued an Invitation to Bid ("ITB") for the provision of construction services related to signalization improvements of a new traffic signal at the intersection of State Road 40 and NW/SW 46th Avenue, ITB No.: CIP/250303 (the "Solicitation"); and

WHEREAS, one (1) firm responded to the Solicitation and, after consideration of price and other evaluation factors set forth in the Solicitation, C.W. Roberts Contracting, Inc. was chosen as the intended awardee to provide construction services related to signalization improvements at the intersection of State Road 40 and NW/SW 46th Avenue; and

WHEREAS, Contractor certifies that Contractor and its subcontractors are qualified and possess the required licensure and skill to perform the work required for the Project; and

NOW THEREFORE, in consideration of the foregoing recitals, the following mutual covenants and conditions, and other good and valuable consideration, City and Contractor agree as follows:

TERMS OF AGREEMENT:

1. **RECITALS.** City and Contractor hereby represent, warrant, and agree that the Recitals set forth above are true and correct and are incorporated herein by reference.
2. **CONTRACT DOCUMENTS.** The Contract Documents which comprise the entire understanding between City and Contractor shall only include: (a) this Agreement; (b) those documents listed in this section as Exhibits to this Agreement; (c) the City's Solicitation for the Project and the quote submitted by Contractor in response to same (the "Solicitation Documents"); and (d) those documents identified in the Project Specifications section of this Agreement. Each of these documents are incorporated herein by reference for all purposes.

If there is a conflict between the terms of this Agreement and the Contract Documents, then the terms of this Agreement shall control, amend, and supersede any conflicting terms contained in the remaining Contract Documents.

A. **Exhibits to Agreement:** The Exhibits to this Agreement are as follows:

- Exhibit A: Scope of Work (A-1 through A-8)
- Exhibit B: Price Proposal (B-1 through B-3)
- Exhibit C: Signalization Plan Set (C-1)
- Exhibit D: Pavement Expansion Plan Set (D-1 through D-18)
- Exhibit E: Approved Permit Package (E-1 through E-24)
- Exhibit F: Topographic Survey (F-1 through F-2)
- Exhibit G: Summary of Pay Items (G-1)

If there is a conflict between the individual Exhibits regarding the scope of work to be performed, then any identified inconsistency shall be resolved by giving precedence in the following order: (1) Exhibit A, then (2) Exhibit B then (3) Exhibit C, then (4) Exhibit D, then (5) Exhibit E, then (6) Exhibit F, then (7) Exhibit G.

B. **Project Specifications:** In addition to the Contract Documents and up-to-date copies of shop drawings, this project will require the Contractor to have the following specifications and documents, which are incorporated by reference:

i. **City of Ocala "Standard Specifications for Construction of Streets, Stormwater, Traffic, Water and Sewer Infrastructure"** available at:

www.ocalafl.gov/home/showpublisheddocument/24606

Florida Department of Transportation ("FDOT") Standard Specifications for Road and Bridge Construction (latest edition) available at:

<http://www.fdot.gov/programmanagement/Implemented/SpecBooks/>.

Florida Department of Transportation Standard Plans for Road and Bridge Construction (latest edition):

<https://www.fdot.gov/design/standardplans/sprbc.shtm>

Manual on Uniform Traffic Control Devices (MUTCD), latest edition which can be obtained by downloading from:

<https://www.fdot.gov/traffic/trafficservices/mutcd.shtm>

Florida Department of Transportation Florida Greenbook (latest edition), can be obtained by downloading from:

<https://www.fdot.gov/roadway/floridagreenbook/fgb.shtm>

If there is a conflict between the individual Project Specifications regarding the scope of work to be performed, then any identified inconsistency shall be resolved by giving precedents to the most restrictive specification.

3. **SCOPE OF SERVICES.** Contractor shall provide all materials, labor, supervision, tools, accessories, equipment, permits, fees, testing, inspections, certifications, and all other things necessary for Contractor to perform its obligations under this Agreement as set forth in the attached **Exhibit A - Scope of Work** and the Solicitation Documents. Prime contractor must perform a minimum of **FIFTY PERCENT (50%)** of the work with its own forces. The Scope of Work under this Agreement may only be adjusted by written amendment executed by both parties.

4. **COMPENSATION.** City shall pay Contractor a maximum limiting amount of **ONE MILLION, EIGHT HUNDRED NINETY-SEVEN THOUSAND, FOUR HUNDRED NINETY AND NO/100 DOLLARS (\$1,897,490)** (the "Contract Sum") as full and complete compensation for the timely and satisfactory completion of the work in compliance with the unit pricing schedule in **Exhibit B – Price Proposal** and other requirements set forth in the Contract Documents. The pricing under this Agreement may only be adjusted by written amendment executed by both parties.

A. **Monthly Progress Payments:** The compensation amount under this section shall be paid by City, monthly, based upon a percentage of completion of the work as invoiced by Contractor and approved by City. The compensation sought under this Agreement is subject to the express terms of this Agreement and any applicable federal and/or state laws.

B. **Project Schedule and Progress Reports.** A progress report and updated project schedule must be submitted with each monthly pay request indicating the percent of services completed to date. This report will serve as support for payment to Contractor and the basis for payment in the event project is suspended or abandoned.

Invoice Submission. Invoicing shall be completed on an A1A – G703 - Application & Certification type document for payment. All invoices submitted by Contractor shall include the City Contract Number, an assigned Invoice Number, and an Invoice Date. Contractor shall invoice once a month. Contractor shall submit a Certificate of Disbursement of Payment with each invoice after the first payment. In addition, Contractor shall also submit an updated schedule and Construction Compliance with Specifications and Plans with each invoice. Contractor shall be provided with a cover sheet for invoicing. This cover sheet must be filled out correctly and submitted with each invoice. Contractor shall submit the original invoice through the responsible City Project Manager at: **City of Ocala Engineering & Water Resources Department, Attn: Paul Constable, 1805 NE 30th Avenue, Building 700, Ocala, Florida 34470** E-Mail: pconstable@ocalafl.gov.

C. **Payment of Invoices by City.** The City Project Manager must review and approve all invoices prior to payment. City Project Manager’s approval shall not be unreasonably withheld, conditioned, or delayed. Payments by City shall be made no later than the time periods established in section 218.735, Florida Statutes.

D. **Retainage.** City shall withhold an amount equal to **FIVE PERCENT (5%)** of each monthly progress payment as retainage to secure Contractor’s full and faithful performance of its obligations under this Agreement (the “Retainage”). Contractor shall not be entitled to any interest received by City on Retainage. The Retainage shall be payable to Contractor, subject to the provisions of this subsection, upon satisfaction of the following conditions precedent: (1) confirmation from the City Project Manager that Contractor has satisfactorily completed all work in accordance with the provisions of the Agreement; and (2) receipt of the Consent of Surety of the recorded bond for final payment.

E. **Withholding of Payment.** City reserves the right to withhold, in whole or in part, payment for any and all work that: (i) has not been completed by Contractor; (ii) is inadequate or defective and has not been remedied or resolved in a manner satisfactory to the City Project Manager; or (iii) which fails to comply with any term, condition, or other requirement under this Agreement. Any payment withheld shall be released and remitted to Contractor within **THIRTY (30)** calendar days of the Contractor’s remedy or resolution of the inadequacy or defect.

F. **Excess Funds.** If due to mistake or any other reason Contractor receives payment under this Agreement in excess of what is provided for by the Agreement, Contractor shall promptly notify City upon discovery of the receipt of the overpayment. Any overpayment shall be refunded to City within **THIRTY (30)** days of Contractor’s receipt of the overpayment or must also include interest calculated from the date of the overpayment at the interest rate for judgments at the highest rate as allowed by law.

G. **Amounts Due to the City.** Contractor must be current and remain current in all obligations due to the City during the performance of services under this Agreement. Payments to Contractor may be offset by any delinquent amounts due to the City or fees and/or charges owed to the City.

- H. **Tax Exemption.** City is exempt from all federal excise and state sales taxes (State of Florida Consumer's Certification of Exemption 85-8012621655C-9). The City's Employer Identification Number is 59-60000392. Contractor shall not be exempted from paying sales tax to its suppliers for materials to fulfill contractual obligations with the City, nor will Contractor be authorized to use City's Tax Exemption Number for securing materials listed herein.
5. **TIME FOR PERFORMANCE.** Time is of the essence with respect to the performance of all duties, obligations, and responsibilities set forth in this Agreement and the Contract Documents.
- A. Contractor shall mobilize and commence work no later than **TEN (10)** working days from the date of issuance of a Notice to Proceed for the project by City. At no time will the Contractor be allowed to lag behind.
- B. **All work shall be substantially completed by Contractor in a manner satisfactory to the City Project Manager within ONE HUNDRED (150) days of the start date indicated on the Notice to Proceed and ready for final payment within THIRTY (30) days of substantial completion.**
- C. The Time for Performance under this Agreement may only be adjusted by Change Order, in the sole and absolute discretion of City. Any request for an extension of the Time for Performance must be submitted in a writing delivered to the City Project Manager, along with all supporting data, within **SEVEN (7)** calendar days of the occurrence of the event giving rise to the need for adjustment unless the City allows an additional period of time to ascertain more accurate data. All requests for adjustments in the Contract Time shall be determined by City.
- D. **Weather Days:** Contractor shall submit a written request to the City Project (e-mail is the preferred method) for additional days for which work is suspended or delayed by weather. Weather days shall be reconciled with each monthly pay application for the time period which the application is submitted and shall be final. Contractor performance and execution of work shall be considered in the determination for granting additional days.
- E. As to any delay, inefficiency, or interference in this performance of this Agreement caused by any act or failure to act by City, the Contractor's sole remedy shall be the entitlement of an extension of time to complete the performance of the affected work in accordance with the Contract Documents. Contractor agrees to make no claim for extra or additional costs attributable to said delays, inefficiencies, or interference, except as provided in this Agreement.
- F. None of the provisions of this section shall exclude City's right of recovery for damages caused by delays or inefficiencies caused by any act or failure to act by Contractor, to include costs incurred by City for the procurement of additional professional services.
6. **LIQUIDATED DAMAGES FOR LATE COMPLETION.** The parties agree that it would be extremely difficult and impracticable under the presently known facts and anticipated circumstances to ascertain and fix the actual damages that City and its residents would incur should Contractor fail to achieve Substantial Completion and/or Final Completion and readiness for final payment by the dates specified for each under the terms of this Agreement. Accordingly, the parties agree that should Contractor fail to achieve Substantial Completion by the date specified, then Contractor shall pay City, as liquidated damages and not as a penalty, the sum of **ONE THOUSAND, SIX HUNDRED EIGHTY-FIVE AND NO/100 DOLLARS (\$1,685)** per day for each

calendar day of unexcused delay in achieving Substantial Completion beyond the date specified for Substantial Completion in the Contract Documents. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining work within the time specified in the Contract Documents for Final Completion and readiness for final payment or any proper extension thereof granted by City, Contractor shall pay City, as liquidated damages and not as a penalty, additional sum of **TWO HUNDRED AND NO/100 DOLLARS (\$200)** per day for each calendar day of unexcused delay in achieving completion and readiness for final payment.

- A. **No Waiver of Rights or Liabilities.** Permitting Contractor to continue and finish the work, or any part thereof, beyond the dates specified for Substantial Completion and/or Final Completion and readiness for final payment shall not operate as a waiver on the part of the City of any of its rights under this Agreement. Any liquidated damages assessed pursuant to this section shall not relieve Contractor from liability for any damages or costs of other contractors caused by a failure of Contractor to complete the work as agreed.
 - B. **Right to Withhold or Deduct Damages.** When liquidated damages are due and owing, City shall have the right to: (1) deduct the liquidated damages from any money in its hands or from any money otherwise due or to become due to Contractor; or to (2) initiate any applicable dispute resolution procedure for the recovery of liquidated damages within the times specified under this Agreement.
 - C. **Non-Cumulative.** The parties agree and understand that the amounts set forth under this section for liquidated damages are not cumulative with one another. The amount set forth as liquidated damages for Contractor's failure to achieve Substantial Completion shall be assessed upon default and continue until Substantial Completion is attained. The amount set forth as liquidated damages for Contractor's failure to achieve Final Completion and readiness for payment shall be assessed after Substantial Completion is attained and apply until Final Completion is attained.
 - D. **Additional Costs.** In addition to the liquidated damages set forth under this section, Contractor agrees to pay all costs and expenses incurred by City due to Contractor's delay in performance to include inspection fees, superintendence costs, and travel expenses.
 - E. **Injunctive Relief.** The parties acknowledge that monetary damages may not be a sufficient remedy for Contractor's failure to achieve Substantial Completion or Final Completion in accordance with the terms of this Agreement, and that City shall be entitled, in addition to all other rights or remedies in law and equity, to seek injunctive relief.
7. **DELAYS AND DAMAGES.** The Contractor agrees to make no claim for extra or additional costs attributable to any delays, inefficiencies, or interference in the performance of this contract occasioned by any act or omission to act by the City except as provided in the Agreement. The Contractor also agrees that any such delay, inefficiency, or interference shall be compensated for solely by an extension of time to complete the performance of the work in accordance with the provision in the standard specification.
8. **MAINTENANCE AND GUARANTEE BOND.** Prior to final payment, Contractor shall furnish a Maintenance and Guarantee Bond in the amount of **TEN PERCENT (10%)** of the total project value, for a period of **THREE (3)** year for labor and **THREE (3)** year for materials from the date of final completion. Prior to the City's receipt of Contractor's fully executed Maintenance and

Guarantee Bond, Contractor will warrant all labor and materials completed pursuant to this Agreement.

9. **PUBLIC CONSTRUCTION BOND.** As required by section 255.05, Florida Statutes, Contractor shall furnish a certified and recorded Public Construction Bond in the amount of **ONE MILLION, EIGHT HUNDRED NINETY-SEVEN THOUSAND, FOUR HUNDRED NINETY AND NO/100 DOLLARS (\$1,897,490)** as security for the faithful performance of the work as required and set forth in the Contract Documents within the time set forth for performance under this Agreement and for prompt payments to all persons defined in section 713.01, Florida Statutes, who furnish labor, services, or materials for the completion of the work provided for herein.

10. **FORCE MAJEURE.** Neither party shall be liable for delay, damage, or failure in the performance of any obligation under this Agreement if such delay, damage, or failure is due to causes beyond its reasonable control, including without limitation: fire, flood, strikes and labor disputes, acts of war, acts of nature, terrorism, civil unrest, acts or delays in acting of the government of the United States or the several states, judicial orders, decrees or restrictions, or any other like reason which is beyond the control of the respective party ("Force Majeure"). The party affected by any event of force majeure shall use reasonable efforts to remedy, remove, or mitigate such event and the effects thereof with all reasonable dispatch.
 - A. The party affected by force majeure shall provide the other party with full particulars thereof including, but not limited to, the nature, details, and expected duration thereof, as soon as it becomes aware.
 - B. When force majeure circumstances arise, the parties shall negotiate in good faith any modifications of the terms of this Agreement that may be necessary or appropriate in order to arrive at an equitable solution. Contractor performance shall be extended for a number of days equal to the duration of the force majeure. Contractor shall be entitled to an extension of time only and, in no event, shall Contractor be entitled to any increased costs, additional compensation, or damages of any type resulting from such force majeure delays.

11. **INSPECTION AND ACCEPTANCE OF THE WORK.** Contractor shall report its progress to the City Project Manager as set forth herein. All services, work, and materials provided by Contractor under this Agreement shall be provided to the satisfaction and approval of the City Project Manager.
 - A. The City Project Manager shall decide all questions regarding the quality, acceptability, and/or fitness of materials furnished, or workmanship performed, the rate of progress of the work, the interpretation of the plans and specifications, and the acceptable fulfillment of the Agreement, in his or her sole discretion, based upon both the requirements set forth by City and the information provided by Contractor in its Bid. The authority vested in the City Project Manager pursuant to this paragraph shall be confined to the direction or specification of what is to be performed under this Agreement and shall not extend to the actual execution of the work.
 - B. Neither the City Project Manager's review of Contractor's work nor recommendations made by City Project Manager pursuant to this Agreement will impose on City Project Manager any responsibility to supervise, direct, or control Contractor's work in progress or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident Contractor's furnishing and performing the work.

12. **TERMINATION AND DEFAULT.** Either party, upon determination that the other party has failed or refused to perform or is otherwise in breach of any obligation or provision under this Agreement or the Contract Document, may give written notice of default to the defaulting party in the manner specified for the giving of notices herein. Termination of this Agreement by either party for any reason shall have no effect upon the rights or duties accruing to the parties prior to termination.

A. **Termination by City for Cause.** City shall have the right to terminate this Agreement immediately, in whole or in part, upon the failure of Contractor to carry out any obligation, term, or condition of this Agreement. City's election to terminate the Agreement for default shall be communicated by providing Contractor written notice of termination in the manner specified for the giving of notices herein. Any notice of termination given to Contractor by City shall be effective immediately, unless otherwise provided therein, upon the occurrence of any one or more of the following events:

- (1) Contractor fails to timely and properly perform any of the services set forth in the specifications of the Agreement;
- (2) Contractor provides material that does not meet the specifications of the Agreement;
- (3) Contractor fails to complete the work required within the time stipulated in the Agreement; or
- (4) Contractor fails to make progress in the performance of the Agreement and/or gives City reason to believe that Contractor cannot or will not perform to the requirements of the Agreement.

B. **Contractor's Opportunity to Cure Default.** City may, in its sole discretion, provide Contractor with an opportunity to cure the violations set forth in City's notice of default to Contractor. Contractor shall commence to cure the violations immediately and shall diligently and continuously prosecute such cure to completion within a reasonable time as determined by City. If the violations are not corrected within the time determined to be reasonable by City or to the reasonable satisfaction of City, City may, without further notice, declare Contractor to be in breach of this Agreement and pursue all remedies available at law or equity, to include termination of this Agreement without further notice.

C. **City's Remedies Upon Contractor Default.** In the event that Contractor fails to cure any default under this Agreement within the time period specified in this section, City may pursue any remedies available at law or equity, including, without limitation, the following:

- (1) City shall be entitled to terminate this Agreement without further notice;
- (2) City shall be entitled to hire another contractor to complete the required work in accordance with the needs of City;
- (3) City shall be entitled to recover from Contractor all damages, costs, and attorney's fees arising from Contractor's default prior to termination; and
- (4) City shall be entitled to recovery from Contractor any actual excess costs by: (i) deduction from any unpaid balances owed to Contractor; (ii) placing a claim against the public construction bond, or (iii) any other remedy as provided by law.

- D. **Termination for Convenience.** City reserves the right to terminate this Agreement in whole or in part at any time for the convenience of City without penalty or recourse. The City Project Manager shall provide written notice of the termination. Upon receipt of the notice, Contractor shall immediately discontinue all work as directed in the notice, notify all subcontractors of the effective date of the termination, and minimize all further costs to City including, but not limited to, the placing of any and all orders for materials, facilities, or supplies, in connection with its performance under this Agreement. Contractor shall be entitled to receive compensation solely for: (1) the actual cost of the work completed in conformity with this Agreement; and/or (2) such other costs incurred by Contractor as permitted under this Agreement and approved by City.
13. **WARRANTY.** Contractor warrants that all labor, materials, and equipment furnished under the agreement are new, of the type and quality required for the Project, and installed in a good and workmanlike manner in accordance with the Contract Documents. Contractor shall guarantee that the work shall be free from any defects in workmanship for a period of not less than **THREE (3)** years from the date of Final Completion. Contractor shall guarantee that the materials provided shall be free from any defects for the longer of: (1) **THREE (3)** years from the date of Final Completion; or (2) the period of warranty provided by any supplier or manufacturer. All written manufacturers' warranties for materials supplied must be provided to the City Project Manager before final payment will be authorized.
14. **PERFORMANCE EVALUATION.** At the end of the contract, City may evaluate Contractor's performance. Any such evaluation will become public record.
15. **NOTICE REGARDING FAILURE TO FULFILL AGREEMENT.** Any contractor who enters into an Agreement with the City of Ocala and fails to complete the contract term, for any reason, shall be subject to future bidding suspension for a period of **ONE (1)** year and bid debarment for a period of up to **THREE (3)** years for serious contract failures.
16. **CONTRACTOR REPRESENTATIONS.** Contractor expressly represents that:
- A. Contractor has read and is fully familiar with all the terms and conditions of this Agreement, the Contract Documents, and other related data and acknowledges that they are sufficient in scope and detail to indicate and convey understanding of all terms and conditions of the work to be performed by Contractor under this Agreement.
 - B. Contractor has disclosed, in writing, all known conflicts, errors, inconsistencies, discrepancies, or omissions discovered by Contractor in the Contract Documents, and that the City's written resolution of same is acceptable to Contractor.
 - C. Contractor has had an opportunity to visit, has visited, or has had an opportunity to examine and ask questions regarding the sites upon which the work is to be performed and is satisfied with the site conditions that may affect cost, progress, and performance of the work, as observable or determinable by Contractor's own investigation.
 - D. Contractor is satisfied with the site conditions that may affect cost, progress, and performance of the work, as observable or determinable by Contractor's own investigation.
 - E. Contractor is familiar with all local, state, and Federal laws, regulations, and ordinances which may affect cost, progress, or its performance under this Agreement whatsoever.

F. **Public Entity Crimes.** Neither Contractor, its parent corporations, subsidiaries, members, shareholders, partners, officers, directors, or executives, nor any of its affiliates, contractors, suppliers, subcontractors, or consultants under this Agreement have been placed on the convicted vendor list following a conviction of a public entity crime. Contractor understands that a "public entity crime" as defined in section 287.133(1)(g), Florida Statutes, is "a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States..." Contractor further understands that any person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime: (1) may not submit a bid, proposal, or reply on a contract: (a) to provide any goods or services to a public entity; (b) for the construction or repair of a public building or public work; or (c) for leases of real property to a public entity; (2) may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and (3) may not transact business with any public entity in excess of the threshold amount provided in section 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

17. **CONTRACTOR RESPONSIBILITIES.** Except as otherwise specifically provided for in this Agreement, the following provisions are the responsibility of the Contractor:

- A. Contractor shall competently and efficiently supervise, inspect, and direct all work to be performed under this Agreement, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the work in accordance with the Contract Documents.
- B. Contractor shall be solely responsible for the means, methods, techniques, sequences, or procedures of construction and safety precautions or programs incident thereto.
- C. Contractor shall be responsible to see that the finished work complies accurately with this Agreement and the intent thereof.
- D. Contractor shall comply with all local, state, and Federal laws, regulations, and ordinances which may affect cost, progress, or its performance under this Agreement, including, but not limited to obtaining all permits, licenses, and other authorizations necessary for the prosecution of the work and be responsible for all costs associated with same.
- E. Contractor shall operate and cause all construction equipment and materials supplied for or intended to be utilized in the Project to be operated and stored in only those areas prescribed by City. This includes the operations of workmen.
- F. Contractor shall be fully responsible for receipt, inspection, acceptance, handling, and storage of all construction equipment and materials supplied for or intended to be utilized in the Project, whether furnished by Contractor or City. Contractor shall be responsible for providing adequate safeguards to prevent loss, theft, damage, or commingling with other materials or projects.
- G. Contractor shall continue its performance under this Agreement during the pendency of any dispute or disagreement arising out of or relating to this Agreement, except as Contractor and City may otherwise agree in writing.

18. **NO EXCLUSIVITY.** It is expressly understood and agreed by the parties that this is not an exclusive agreement. Nothing in this Agreement shall be construed as creating any exclusive

arrangement with Contractor or as prohibit City from either acquiring similar, equal, or like goods and/or services or from executing additional contracts with other entities or sources.

19. **RIGHT OF ACCESS AND OTHER WORK PERFORMED BY THIRD PARTIES.** City may perform additional work related to the Project itself, or have additional work performed by utility service companies, or let other direct contracts therefore which shall contain General Conditions similar to these. Contractor shall afford the utility service companies and the other contractors who are parties to such direct contracts (or City if City is performing the additional work with City's employees) 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.
 - A. If any part of Contractor's work depends for proper execution or results upon the work of any such other contractor or utility service company (or City), Contractor shall inspect and promptly report to City in writing any latent or apparent defects or deficiencies in such work that render it unsuitable for such proper execution and results. Contractor's failure to so report shall constitute an acceptance of the other work as fit and proper for integration with Contractor's work except for latent or non-apparent defects and deficiencies in the other work.
 - B. Contractor shall do all cutting, fitting, and patching of work that may be required to make the parts come together properly and integrate with such other work. Contractor shall 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 City.
20. **STORAGE OF MATERIALS/EQUIPMENT.** Contractor shall be fully responsible for receipt, inspection, acceptance, handling, and storage of equipment and materials (whether furnished by Contractor or City) to be utilized in the performance of or incorporated into the work.
21. **RESPONSIBILITIES OF CITY.** City or its representative shall issue all communications to Contractor. City has the authority to request changes in the work in accordance with the terms of this Agreement and with the terms in **Exhibit A – Scope of Work**. City has the authority to stop work or to suspend any work.
22. **COMMERCIAL AUTO LIABILITY INSURANCE.** Contractor shall procure, maintain, and keep in full force, effect, and good standing for the life of this Agreement a policy of commercial auto liability insurance with a minimum combined single limit of One Million Dollars (\$1,000,000) per occurrence for bodily injury and property damage arising out of Contractor's operations and covering all owned, hired, scheduled, and non-owned automobiles utilized in said operations. If Contractor does not own vehicles, Contractor shall maintain coverage for hired and non-owned automobile liability, which may be satisfied by way of endorsement to Contractor's Commercial General Liability policy or separate Commercial Automobile Liability policy.
23. **COMMERCIAL GENERAL LIABILITY INSURANCE.** Contractor shall procure, maintain, and keep in full force, effect, and good standing for the life of this Agreement a policy of Commercial General Liability insurance with limits not less than:
 - A. One Million Dollars (\$1,000,000) per occurrence and Two Million Dollars (\$2,000,000) aggregate (or project aggregate, if a construction project) for bodily injury, property damage, and personal and advertising injury; and

- B. One Million Dollars (\$1,000,000) per occurrence and Two Million Dollars (\$2,000,000) aggregate (or project aggregate, if a construction project) for products and completed operations.
- C. Policy must include coverage for contractual liability and independent contractors.
- D. Policy must include Additional Insured coverage in favor of the City that is no less restrictive than that afforded under the CG 20 26 04 13 Additional Insured Form.

24. **WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY.** Worker's Compensation insurance shall be provided by Contractor as required by Chapter 440, Florida Statutes, or any other applicable state or federal law, including the U.S. Longshoremen's and Harbor Workers Compensation Act and the Jones Act.

- A. Contractor shall similarly require any and all subcontractors to afford such coverage for all of its employees as required by applicable law.
- B. Contractor shall waive and shall ensure that Contractor's insurance carrier waives, all subrogation rights against the City of Ocala and its officers, employees, and volunteers for all losses or damages. Contractor's policy shall be endorsed with WC 00 03 13 Waiver of our Right to Recover from Others or its equivalent.
- C. Exceptions and exemptions to this Section may be allowed at the discretion of the City's Risk Manager on a case-by-case basis in accordance with Florida Statutes and shall be evidenced by a separate waiver.

25. **ADDITIONAL INSURANCE REQUIREMENTS.**

- A. Contractor's insurance coverage shall be primary insurance for all applicable policies. The limits of coverage under each policy maintained by Contractor shall not be interpreted as limiting Contractor's liability or obligations under this Agreement. City does not in any way represent that these types or amounts of insurance are sufficient or adequate enough to protect Contractor's interests or liabilities or to protect Contractor from claims that may arise out of or result from the negligent acts, errors, or omissions of Contractor, any of its agents or subcontractors, or for anyone whose negligent act(s) Contractor may be liable.
- B. No insurance shall be provided by the City for Contractor under this Agreement and Contractor shall be fully and solely responsible for any costs or expenses incurred as a result of a coverage deductible, co-insurance penalty to include any loss not covered because of the operation of such deductible, co-insurance penalty, or coverage exclusion or limitation.
- C. **Certificates of Insurance.** No work shall be commenced by Contractor under this Agreement until the required Certificate of Insurance and endorsements have been provided nor shall Contractor allow any subcontractor to commence work until all similarly required certificates and endorsements of the subcontractor have also been provided. Work shall not continue after expiration (or cancellation) of the Certificate of Insurance and work shall not resume until a new Certificate of Insurance has been provided. **Contractor shall provide evidence of insurance in the form of a valid Certificate of Insurance (binders are unacceptable) prior to the start of work contemplated under this Agreement to: City of Ocala. Attention: Procurement & Contracting Department, Address: 110 SE Watula Avenue, Third Floor, Ocala Florida 34471, E-Mail: vendors@ocalafl.gov.** Contractor's Certificate of Insurance and required endorsements shall be issued by an agency authorized to do business

in the State of Florida with an A.M. Best Rating of A or better. The Certificate of Insurance shall indicate whether coverage is being provided under a claims-made or occurrence form. If any coverage is provided on a claims-made form, the Certificate of Insurance must show a retroactive date, which shall be the effective date of the initial contract or prior.

- D. **City as an Additional Insured.** The City of Ocala shall be named as an Additional Insured and Certificate Holder on all liability on all liability policies identified in this Section with the exception of Workers' Compensation, Auto Liability (except when required by Risk Management) and Professional Liability policies. **Workers Compensation policy must contain a Waiver of Subrogation in favor of the City.**
 - E. **Notice of Cancellation of Insurance.** Contractor's Certificate of Insurance shall provide **THIRTY (30) DAY** notice of cancellation, **TEN (10) DAY** notice if cancellation is for non-payment of premium. In the event that Contractor's insurer is unable to accommodate the cancellation notice requirement, it shall be the responsibility of Contractor to provide the proper notice. Such notification shall be in writing by registered mail, return receipt requested, and addressed to the certificate holder. Additional copies may be sent to the City of Ocala at vendors@ocalafl.gov.
 - F. **Failure to Maintain Coverage.** The insurance policies and coverages set forth above are required and providing proof of and maintaining insurance of the types and with such terms and limits set forth above is a material obligation of Contractor. Contractor's failure to obtain or maintain in full force and effect any insurance coverage required under this Agreement shall constitute material breach of this Agreement.
 - G. **Severability of Interests.** Contractor shall arrange for its liability insurance to include or be endorsed to include a severability of interests/cross-liability provision so that the "City of Ocala" (where named as an additional insured) will be treated as if a separate policy were in existence, but without increasing the policy limits.
27. **SAFETY/ENVIRONMENTAL.** Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Contractor shall make an effort to detect hazardous conditions and shall take prompt action where necessary to avoid accident, injury, or property damage. EPA, DEP, OSHA and all other applicable safety laws and ordinances shall be followed as well as American National Standards Institute Safety Standards. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
- A. All employees on the work and other persons that may be affected thereby;
 - B. All work, materials, and equipment to be incorporated therein, whether in storage on or off the site; and
 - C. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

All, injury, or loss to any property caused, directly or indirectly, in whole or in part, by Contractor, any subcontractor, or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, shall be remedied by Contractor. Contractor's duties and responsibilities for the safety and protection of the work shall continue until such time as the work is completed and accepted by City.

28. **TRAFFIC CONTROL AND BARRICADES.** The Contractor shall mitigate impact on local traffic conditions to all extents possible. The Contractor is responsible for establishing and maintaining appropriate traffic control and barricades. The Contractor shall provide sufficient signing, flagging, and barricading to ensure the safety of vehicular and pedestrian traffic at all locations where work is being done under this Agreement.
- a. In addition to the requirements set forth in its bid, the Contractor shall maintain at all times a good and sufficient fence, railing or barrier around all exposed portions of said work in such a manner as to warn vehicular and pedestrian traffic of hazardous conditions.
 - b. Should Contractor fail to properly barricade his work or stored material sites in the manner outlined above, the City may have the necessary barricading done, and all cost incurred for said barricading shall be charged to the Contractor.
29. **WORK SITE AND CLEANUP.** Daily, during the progress of the work, Contractor shall keep the premises free from accumulations of waste materials, rubbish, and all other debris resulting from the work. At the completion of the work, Contractor shall remove all waste materials, rubbish, and debris from and about the premises, as well as all tools, appliances, construction equipment and machinery, and surplus materials, and shall leave the site clean and ready for occupancy by City. Contractor shall provide an inventory listing of all surplus materials in an area designated by City. Contractor shall restore to their original condition those portions of the site not designated or alteration by the Contract.
30. **CONSTRUCTION SURVEY LAYOUT.** The work to be performed pursuant to survey work provided by City shall be completed as necessary to establish all proper alignments, right of way, easements, benchmarks, elevations, and grade stakes to complete all phases of this Contract.
- A. Contractor shall immediately bring to City's attention any survey issues that would impede the Contractor's completion of the work. The work performed pursuant to survey work at the Contractor's expense pursuant to this Agreement shall be prepared by a licensed surveyor and provided to the City. Any survey issues with these surveys that would impede the Contractor's completion of the work shall immediately be brought to the City's attention. If additional or corrective survey work is required, it shall be at Contractor's expense.
 - B. The City Engineer/City Project Manager shall establish a number of benchmarks on the project which in their opinion will enable the Contractor to perform the work. If Contractor shall remove or destroy any stake, marker, or benchmark on the work without first having secured the approval of the City Engineer/City Project Manager, such stake, or benchmark shall be re-established by and at Contractor's expense.
 - C. It shall be the responsibility of Contractor to preserve all adjacent property corner markers which might be affected by their operations and replace same if undermined. Corner locations known by City will be made available to Contractor. All original field notes, calculations, and other documents developed by the surveyor in conjunction with this work shall be given to City and become City property. All surveying work must be in accordance with Chapters 177 and 472 of Florida Statutes and Chapter 61G17 of the Florida Administrative Code.
31. **NON-DISCRIMINATORY EMPLOYMENT PRACTICES.** During the performance of the contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, ancestry, national origin, sex, pregnancy, age, disability, sexual orientation, gender identity, marital or domestic partner status, familial status, or veteran status and shall take

affirmative action to ensure that an employee or applicant is afforded equal employment opportunities without discrimination. Such action shall be taken with reference to, but not limited to: recruitment, employment, termination, rates of pay or other forms of compensation and selection for training or retraining, including apprenticeship and on-the-job training.

32. **SUBCONTRACTORS.** Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by City or its representatives to any subcontractor of Contractor or any other persons or organizations having a direct contract with Contractor, nor shall it create any obligation on the part of City or its representatives to pay or seek payment of any monies to any subcontractor of Contractor or any other persons or organizations having a direct contract with Contractor, except as may otherwise be required by law. City shall not be responsible for the acts or omissions of any Contractor, subcontractor, or of any of their agents or employees, nor shall it create any obligation on the part of City or its representatives to pay or to seek the payment of any monies to any subcontractor or other person or organization, except as may otherwise be required by law.
33. **EMERGENCIES.** In an emergency affecting the welfare and safety of life or property, Contractor, without special instruction or authorization from the City Project Manager, is hereby permitted, authorized, and directed to act at its own discretion to prevent threatened loss or injury. Except in the case of an emergency requiring immediate remedial work, any work performed after regular working hours, on Saturdays, Sundays, or legal holidays, shall be performed without additional expense to the City unless such work has been specifically requested and approved by the City Project Manager. Contractor shall be required to provide to the City Project Manager with the names, addresses and telephone numbers of those representatives who can be contacted at any time in case of emergency. Contractor's emergency representatives must be fully authorized and equipped to correct unsafe or excessively inconvenient conditions on short notice by City or public inspectors.
34. **INDEPENDENT CONTRACTOR STATUS.** Contractor acknowledges and agrees that under this Agreement, Contractor and any agent or employee of Contractor shall be deemed at all times to be an independent contractor and shall be wholly responsible for the manner in which it performs the services and work required under this Agreement. Neither Contractor nor its agents or employees shall represent or hold themselves out to be employees of City at any time. Neither Contractor nor its agents or employees shall have employee status with City. Nothing in this Agreement shall constitute or be construed to create any intent on the part of either party to create an agency relationship, partnership, employer-employee relationship, joint venture relationship, or any other relationship which would allow City to exercise control or discretion over the manner or methods employed by Contractor in its performance of its obligations under this Agreement.
35. **ACCESS TO FACILITIES.** City shall provide Contractor with access to all City facilities as is reasonably necessary for Contractor to perform its obligations under this Agreement.
36. **ASSIGNMENT.** Neither party may assign its rights or obligations under this Agreement to any third party without the prior express approval of the other party, which shall not be unreasonably withheld.
37. **RIGHT OF CITY TO TAKE OVER CONTRACT.** Should the work to be performed by Contractor under this Agreement be abandoned, or should Contractor become insolvent, or if Contractor shall assign or sublet the work to be performed hereunder without the written consent of City,

the City Project Manager shall have the power and right to hire and acquire additional men and equipment, supply additional material, and perform such work as deemed necessary for the completion of this Agreement. Under these circumstances, all expenses and costs actually incurred by City to accomplish such completion shall be credited to City along with amounts attributable to any other elements of damage and certified by the City Project Manager. The City Project Manager's certification as to the amount of such liability shall be final and conclusive.

38. **PUBLIC RECORDS.** The Contractor shall comply with all applicable provisions of the Florida Public Records Act, Chapter 119, Florida Statutes. Specifically, the Contractor shall:
- A. Keep and maintain public records required by the public agency to perform the service.
 - B. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
 - C. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Contractor does not transfer the records to the public agency.
 - D. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the Contractor or keep and maintain public records required by the public agency to perform the service. If the Contractor transfers all public records to the public agency upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: CITY OF OCALA, OFFICE OF THE CITY CLERK; 352-629-8266; E-mail: clerk@ocalafl.gov; City Hall, 110 SE Watula Avenue, Ocala, FL 34471.

39. **AUDIT.** Contractor shall comply and cooperate immediately with any inspections, reviews, investigations, or audits relating to this Agreement as deemed necessary by the Florida Office of the Inspector General, the City's Internal or External auditors or by any other Florida official with proper authority.
40. **PUBLICITY.** Contractor shall not use City's name, logo, seal or other likeness in any press release, marketing materials, or other public announcement without City's prior written approval.
41. **E-VERIFY.** Pursuant to section 448.095, Contractor shall register with and use the U.S. Department of Homeland Security's ("DHS") E-Verify System, accessible at <https://e-verify.dhs.gov>

verify.uscis.gov/emp, to verify the work authorization status of all newly hired employees. Contractor shall obtain affidavits from any and all subcontractors in accordance with paragraph 2(b) of section 448.095, Florida Statutes, and maintain copies of such affidavits for the duration of this Agreement. By entering into this Agreement, Contractor certifies and ensures that it utilizes and will continue to utilize the DHS E-Verify System for the duration of this Agreement and any subsequent renewals of same. Contractor understands that failure to comply with the requirements of this section shall result in the termination of this Agreement and Contractor may lose the ability to be awarded a public contract for a minimum of one (1) year after the date on which the Agreement was terminated. Contractor shall provide a copy of its DHS Memorandum of Understanding upon City's request. Please visit www.e-verify.gov for more information regarding the E-Verify System.

42. **CONFLICT OF INTEREST.** Contractor is required to have disclosed, with the submission of their bid, the name of any officer, director, or agent who may be employed by the City. Contractor shall further disclose the name of any City employee who owns, directly or indirectly, any interest in Contractor's business or any affiliated business entity. Any additional conflicts of interest that may occur during the contract term must be disclosed to the City of Ocala Procurement Department.
43. **WAIVER.** The failure or delay of any party at any time to require performance by another party of any provision of this Agreement, even if known, shall not affect the right of such party to require performance of that provision or to exercise any right, power, or remedy hereunder. Any waiver by any party of any breach of any provision of this Agreement should not be construed as a waiver of any continuing or succeeding breach of such provision, a waiver of the provision itself, or a waiver of any right, power, or remedy under this Agreement. No notice to or demand on any party in any circumstance shall, of itself, entitle such party to any other or further notice or demand in similar or other circumstances.
44. **SEVERABILITY OF ILLEGAL PROVISIONS.** Wherever possible, each provision of this Agreement shall be interpreted in such a manner as to be effective and valid under the applicable law. Should any portion of this Agreement be declared invalid for any reason, such declaration shall have no effect upon the remaining portions of this Agreement.
45. **INDEMNITY.** Contractor shall indemnify, defend, and hold harmless City and its elected officials, employees and volunteers against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful acts of Contractor, or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by Contractor.
46. **NO WAIVER OF SOVEREIGN IMMUNITY.** The foregoing indemnification shall not constitute a waiver of the City's sovereign immunity beyond the limits set forth in section 768.28, Florida Statutes. Nor shall the same be construed to constitute agreement by Contractor to indemnify City for the negligent acts or omissions of City, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement.
47. **NOTICES.** All notices, certifications or communications required by this Agreement shall be given in writing and shall be deemed delivered when personally served, or when received if by facsimile transmission with a confirming copy mailed by registered or certified mail, postage prepaid, return receipt requested. Notices can be concurrently delivered by e-mail. All notices shall be addressed to the respective parties as follows:

If to Contractor:

C.W. Roberts Contracting, Inc.
Attention: Paul Carlson
4208 County Road 124A
Wildwood, Florida 34785
Phone: 352-330-2540
Cell: 813-713-4033
E-mail: pcarlson@cwrcontracting.com

If to City of Ocala:

Daphne M. Robinson, Esq., Contracting Officer
City of Ocala
110 SE Watula Avenue, Third Floor
Ocala, Florida 34471
Phone: 352-629-8343
E-mail: notices@ocalafl.gov

Copy to:

William E. Sexton, Esq., City Attorney
City of Ocala
110 SE Watula Avenue, Third Floor
Ocala, Florida 34471
Phone: 352-401-3972
E-mail: wsexton@ocalafl.gov

48. **ATTORNEYS' FEES.** If any civil action, arbitration or other legal proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default or misrepresentation in connection with any provision of this Agreement, the successful or prevailing party shall be entitled to recover reasonable attorneys' fees, sales and use taxes, court costs and all expenses reasonably incurred even if not taxable as court costs (including, without limitation, all such fees, taxes, costs and expenses incident to arbitration, appellate, bankruptcy and post-judgment proceedings), incurred in that civil action, arbitration or legal proceeding, in addition to any other relief to which such party or parties may be entitled. Attorneys' fees shall include, without limitation, paralegal fees, investigative fees, administrative costs, sales and use taxes and all other charges reasonably billed by the attorney to the prevailing party.

49. **JURY WAIVER.** IN ANY CIVIL ACTION, COUNTERCLAIM, OR PROCEEDING, WHETHER AT LAW OR IN EQUITY, WHICH ARISES OUT OF, CONCERNS, OR RELATES TO THIS AGREEMENT, ANY AND ALL TRANSACTIONS CONTEMPLATED HEREUNDER, THE PERFORMANCE HEREOF, OR THE RELATIONSHIP CREATED HEREBY, WHETHER SOUNDING IN CONTRACT, TORT, STRICT LIABILITY, OR OTHERWISE, TRIAL SHALL BE TO A COURT OF COMPETENT JURISDICTION AND NOT TO A JURY. EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY. NEITHER PARTY HAS MADE OR RELIED UPON ANY ORAL REPRESENTATIONS TO OR BY ANY OTHER PARTY REGARDING THE ENFORCEABILITY OF THIS PROVISION. EACH PARTY HAS READ AND UNDERSTANDS THE EFFECT OF THIS JURY WAIVER PROVISION.

50. **GOVERNING LAW.** This Agreement is and shall be deemed to be a contract entered and made pursuant to the laws of the state of Florida and shall in all respects be governed, construed, applied, and enforced in accordance with the laws of the state of Florida.
51. **JURISDICTION AND VENUE.** The parties acknowledge that a majority of the negotiations, anticipated performance and execution of this Agreement occurred or shall occur in Marion County, Florida. Any civil action or legal proceeding arising out of or relating to this Agreement shall be brought only in the courts of record of the State of Florida in Marion County or the United States District Court, Middle District of Florida, Ocala Division. Each party consents to the exclusive jurisdiction of such court in any such civil action or legal proceeding and waives any objection to the laying of venue of any such civil action or legal proceeding in such court and/or the right to bring an action or proceeding in any other court. Service of any court paper may be effected on such party by mail, as provided in this Agreement, or in such other manner as may be provided under applicable laws, rules of procedures or local rules.
52. **REFERENCE TO PARTIES.** Each reference herein to the parties shall be deemed to include their successors, assigns, heirs, administrators, and legal representatives, all whom shall be bound by the provisions hereof.
53. **MUTUALITY OF NEGOTIATION.** Contractor and City acknowledge that this Agreement is a result of negotiations between Contractor and City, and the Agreement shall not be construed in favor of, or against, either party because of that party having been more involved in the drafting of the Agreement.
54. **SECTION HEADINGS.** The section headings herein are included for convenience only and shall not be deemed to be a part of this Agreement.
55. **RIGHTS OF THIRD PARTIES.** Nothing in this Agreement, whether express or implied, is intended to confer any rights or remedies under or because of this Agreement on any persons other than the parties hereto and their respective legal representatives, successors and permitted assigns. Nothing in this Agreement is intended to relieve or discharge the obligation or liability of any third persons to any party to this Agreement, nor shall any provision give any third persons any right of subrogation or action over or against any party to this Agreement.
56. **AMENDMENT.** No amendment to this Agreement shall be effective except those agreed to in writing and signed by both parties to this Agreement.
57. **COUNTERPARTS.** This Agreement may be executed in counterparts, each of which shall be an original and all of which shall constitute the same instrument.
58. **ELECTRONIC SIGNATURE(S).** Contractor, if and by offering an electronic signature in any form whatsoever, will accept and agree to be bound by said electronic signature to all terms and conditions of this Agreement. Further, a duplicate or copy of the Agreement that contains a duplicated or non-original signature will be treated the same as an original, signed copy of this original Agreement for all purposes.
59. **ENTIRE AGREEMENT.** This Agreement, including exhibits, (if any) constitutes the entire Agreement between the parties hereto with respect to the subject matter hereof. There are no other representations, warranties, promises, agreements, or understandings, oral, written, or implied, among the Parties, except to the extent reference is made thereto in this Agreement. No course of prior dealings between the parties and no usage of trade shall be relevant or admissible to supplement, explain, or vary any of the terms of this Agreement. No representations,

understandings, or agreements have been made or relied upon in the making of this Agreement other than those specifically set forth herein.

60. **LEGAL AUTHORITY.** Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement on _____.

ATTEST:

CITY OF OCALA

Angel B. Jacobs
City Clerk

Kristen Dreyer
City Council President

Approved as to form and legality:

C.W. ROBERTS CONTRACTING, INC.

By: _____
(Printed Name)

(Signature)
By: _____
(Printed Name)

Title: _____

Title: _____
(Title of Authorized Signatory)

BACKGROUND

1. The Contractor shall complete the construction of SW/NW 46th Avenue at SR 40 Signalization Project.
2. Scope of the project consists of constructing a new traffic signal at the intersection of State Road 40 and NW/SW 46th Avenue. Signalization improvements shall include constructing concrete strain poles, traffic signals, ITS and smart signal technology, pedestrian signals and detectors, pavement markings and signage, and street lighting.
3. Smart signal design shall be in accordance with FDOT D5 Smart Signal guidelines. Roadway improvements on NW/SW 46th Avenue approaches at SR 40 are included. All pedestrian features including crosswalks and pedestrian detectors shall adhere to current ADA standards. The project shall be constructed within the limits of the existing rights of way.
4. Inlet protection system are also included. Construction activities include mobilization, maintenance of traffic, clearing and grubbing, earthwork, potable water utilities, paving, and pedestrian and bicycle facilities. All pedestrian and bicycle facilities shall adhere to current ADA standards.
5. City to provide the following items:
 - 641-2-30 - Prestressed Concrete Pole - Unit price for items will be for transport from City property to job site and install only.
 - 670-5-300 - Traffic Controller Assembly - Unit price for items will be for transport from City property to job site and install only.
6. Proper maintenance of traffic is required at all times.
7. The Contractor shall be responsible for providing all materials, labor, and equipment to complete the project.

EXPERIENCE, FDOT PRE-QUALIFICATION, AND CERTIFICATION REQUIREMENTS

1. **FDOT Pre-Qualification Requirement:** Contractor must be FDOT Pre-Qualified with reviewed financial statements in the following work classes in accordance with Florida State Statute 337.14 and Florida Administrative code 14-22.
 - Grading
 - Flexible Paving
 - Traffic Signal
2. **Maintenance of Traffic (MOT)/Temporary Traffic Control (TTC) Certification:** Contractor must possess MOT/TTC Advanced certification. One (1) person who is MOT/TTC Advanced certified must be on site at all times during construction.

PERMIT REQUIREMENTS AND MOT/TTC PLAN

1. **Permits Required:** Contractor shall be responsible for obtaining the following permits at no additional cost to the City:
 - City of Ocala Right-of-Way (ROW) Utilization
 - City of Ocala Electrical Permit

- City of Ocala Building Permit
2. **Estimated Permit Cost:** The ROW permit cost will be waived upon submission.
 3. **Permit Application:** The ROW Utilization Permit Application is available under “Documents” at: <https://www.ocalafl.org/government/city-departments-a-h/city-engineer-s-office>
 4. **Permit Submission Requirements:**
 - A. **If Road/Lane Closure is Needed:** Contractor must submit a City of Ocala ROW permit and MOT/TTC Plan a minimum of two (2) weeks prior to the projected time the project will start.
 - B. **If Road/Lane Closure is not Needed:** Contractor must submit a City of Ocala ROW permit and MOT/TTC Plan a minimum of one (1) week prior to the projected time the project will start.

SUB-CONTRACTORS

The prime contractor must perform a minimum of 50% of the work with their own forces.

CONTRACT TIME/WORK HOURS

1. Issuance of the Notice to Proceed (NTP) will be given within **THIRTY (30) DAYS** of the executed Contract date, unless an alternative start date is agreed upon by the City Project Manager. Failure to begin construction within the specified or agreed-upon time frame shall be considered in default by the Contractor.
2. The City's normal working hours are Monday through Friday from 7:00 AM to 5:30 PM.
3. If additional hours are necessary, the Contractor must give 48 hours advance notice to the City Project Inspector/City Project Manager. Contractor shall be responsible for inspector's overtime.
4. Night work shall be allowed if it would result in less impact to the public or reduced safety issues at no extra cost to City.
5. No work shall be permitted on City observed holidays.

MOBILIZATION AND MAINTENANCE OF TRAFFIC/TEMPORARY TRAFFIC CONTROL

1. **Mobilization:** Obtaining of required permits and the moving of the Contractor's operations and equipment required for construction. Provide on-site construction power and wiring, as needed. Provide on-site sanitary facilities as required by governing agencies. The Contractor will not be permitted to use the City sanitary facilities during construction. Posting of OSHA required notices and establishing of safety programs and procedures.
2. **Maintenance of Traffic (MOT)/Temporary Traffic Control (TTC):** Maintain traffic per FDOT 102 series index within the limits of the project for the duration of the construction period, including any temporary suspensions of the work. Construct and maintain detours.
 - A. Provide facilities for access to residences, businesses, etc., along the project. Furnish, install, and maintain traffic control and safety devices during construction. Furnish and install work zone pavement markings for MOT/TTC in construction areas. Provide any other special requirements for safe and expeditious movement of traffic specified in the Plans.
 - B. MOT/TTC includes all facilities, devices and operations as required for safety and convenience of the public within the work zone. Do not maintain traffic over those portions of the project where

no work is to be accomplished or where construction operations will not affect existing roads. Do not obstruct or create a hazard to any traffic during the performance of the work and repair any damage to existing pavement open to traffic. FDOT Design Standards are the minimum standards for the use in the development of all Traffic Control Plans (TCPs).

- C. Contractor must have one (1) person that is MOT/TTC Advanced certified on site at all times during construction.

PROJECT SPECIFICATIONS

This project will require the Contractor to follow the following plans and specifications and any other governing specifications that projects shall be constructed in accordance to:

1. City of Ocala Standard Specifications for Construction of Streets, Stormwater, Traffic, Water and Sewer Infrastructure (January 2024) available at:
<https://www.ocalafl.gov/home/showpublisheddocument/24606/638405851437470000>
2. Florida Department of Transportation Standard Specifications (FDOT) for Road and Bridge Construction, FY 2024-25 available at:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks/>
3. Manual on Uniform Traffic Control Devices (MUTCD), 2009 Edition, including Revisions 1 and 2 available at: <https://www.fdot.gov/traffic/trafficservices/mutcd.shtm>
4. **Job Site Documents:** The Contractor must have the above listed documents in addition to up-to-date copies of shop drawings, plans and bid document at job sites at all times.

PROJECT REQUIREMENTS AND EXECUTION OF WORK

1. **Project Schedule:** Contractor must submit project schedule to the City Project Inspector/Project Manager for approval. This schedule must be submitted prior to the starting of a project and must be updated when the schedule is no longer accurate.
2. **Right-of-Way Maps and As-Builts:** Signed and sealed right-of-way maps (when applicable) and as-builts must be submitted and approved by the City.
3. **Material & Construction Equipment:** All material & construction equipment must meet FDOT Standard Specifications for Road and Bridge, latest edition.
4. **Backfilling and Compaction Procedures:** Backfilling and compaction shall be performed in accordance with the FDOT Standard Specifications for Road and Bridge Construction (latest edition) and the City of Ocala Standard Specifications for Construction of Streets, Stormwater, Traffic, Water and Sewer Infrastructure or as otherwise directed in writing by the City of Ocala.
5. **Open Cuts:** All open cuts in the pavement (asphalt and concrete) shall be saw cut and made square.
6. **Damages:** Contractor shall be responsible for any and all damages including but not limited to buildings, curbing, pavement, landscaping or irrigation systems caused by their activity. Should any public or private property be damaged or destroyed, the Contractor, at their expense, shall repair or make restoration as acceptable to the City of destroyed or damaged property no later than **one (1) month** from the date damage occurred.

7. **Compliance:** The Contractor shall complete all work performed under this Contract in accordance with policies and procedures of the City of Ocala and all applicable State and Federal laws, policies, procedures, and guidelines.
8. Locate, protect, and relocate any and all underground utilities necessary to complete the work specified in the Contract, and verify all field conditions, measurements, and elevations.
9. Contractor shall be responsible for distribution of outage/construction notices to customers at least **FIVE (5) DAYS** prior to an outage or construction activity.
10. **Lane Closure Restrictions:** Work that is within FDOT ROW and involves lane closures must follow the below provisions:
 - Times of approved lane closures are as stated below:
 - a. East Bound: 6 a.m. – 6 p.m.
 - b. West bound: 6 a.m. – 7 p.m.

CONTRACTOR EMPLOYEES AND EQUIPMENT

1. Contractor must utilize competent employees in performing the work. Employees performing the work must be properly licensed or qualified as required by the scope/project.
2. At the request of the City, the Contractor must replace any incompetent, unfaithful, abusive, or disorderly person in their employment. The City and the Contractor must each be promptly notified by the other of any complaints received.
3. The Contractor shall provide an assigned project manager, who will be the primary point of contact. Contractor must provide a valid telephone number, email, and address for the City Project Manager. The telephone must be answered during normal working hours or voicemail must be available to take a message.
4. An employee roster shall be provided.
5. All workers within the right-of-way shall wear ANSI/ISEA Class 2 apparel (safety vest or equivalent).
6. The Contractor's employees shall wear suitable work clothes and personal protective equipment as defined by OSHA (hard hats, bucket harnesses, etc.) and meeting Manual on Uniform Traffic Control Devices (MUTCD) requirements as indicated for all work conducted and be as clean and in as good appearance as the job conditions permit.
7. Contractor shall operate as an independent contractor and not as an agent, representative, partner, or employee of the City of Ocala, and shall control his operations at the work site, and be solely responsible for the acts or omissions of his employees.
8. Contractor personnel shall abide by the City's smoking regulations. Smoking is restricted to designated smoking areas only and is not permitted in any City buildings.
9. Contractor must possess/obtain all required equipment to perform the work. A list of equipment shall be provided to the City upon request.
10. Prime Contractor and sub-contractor vehicles shall have their company name located on the side and all personnel shall be required to wear a company shirt.

PROJECT SIGNS

1. Contractor shall be required to provide two (2) portable signs to be placed at locations that are approved by City Project Manager.
2. If during the Contract time sign becomes broken or inaccurate, Contractor shall replace or make sign accurate at no extra charge to the City of Ocala.
3. Construction sign detail and required information can be found in the City of Ocala Standard Details for Construction on Detail G-31A & G-31B.

Cost to move signs to new project locations and the replacement of broken and inaccurate signs shall be included in the initial cost of each sign.

SURVEY LAYOUT

1. The City Engineer/Project Manager may, as required, establish a number of benchmarks on the project which in their opinion will enable the Contractor to perform the work.
2. If the Contractor shall remove or destroy any stake, marker, or benchmark on the work without first having secured the approval of the City Engineer, such stake, or benchmark shall be re-established by and at the Contractor's expense.
3. It shall be at the responsibility of the Contractor to preserve all adjacent property corner markers which might be affected by their operation and replace same if undermined. Corner locations known by the City will be available to the Contractor.
4. All survey work must be in accordance with Chapters 177 and 472 of Florida Statutes and Chapter 61G17 of the Florida Administrative Code.

TESTING REQUIREMENTS

1. Contractor Quality Control Plan is required.
 - Earthwork (Including Density Logbook)
 - Base Course
 - Asphalt
 - Concrete
 - Bore Log
2. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required. Such inspections and tests shall be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to City Engineer.
3. Results of all required testing and inspections shall be submitted to the project inspector to achieve Final Completion Certification. For other requirements for Tests and Inspection refer to Article 14 in the City of Ocala Standard Specifications for Construction of Streets, Stormwater, Traffic, Water and Sewer Infrastructure.
4. Asphalt samples will only be taken at the job site or asphalt plant and will have to meet these specifications. All work which has not been tested and accepted shall not be paid for.

EROSION SEDIMENT AND FLOOD CONTROL

1. Contractor shall provide the City of Ocala with an Erosion Control Plan that will include spill reporting and response.
2. If contaminated soil or groundwater is encountered, contact the Project Manager.
3. Provide, maintain, and operate temporary facilities to control erosion and sediment, and to protect work and existing facilities from flooding during construction.
4. Maintain drainage ways and construct temporary drainage facilities to allow runoff to flow properly.
5. Contractor shall be required to inspect pollution control measures daily. Written documentation of inspection must be submitted weekly and within 24 hours after a rainstorm in excess of 0.50 inches. The Contractor shall report all inspection findings and corrective actions taken as a result of the inspection. Inspection reports (DOT form 650-040-03) shall be signed by the Contractor and submitted weekly to the City Project Manager, along with the name and certificate number of the person signing this form.

CONSTRUCTION WORK AREAS

1. The City of Ocala is not responsible for providing property or lay down yards to the Contractor for their materials or equipment. If private property is used, the City requires a copy of the agreement between the property owner and the Contractor. **Utilizing private property without written permission is prohibited.**
2. Components of the project, including temporary work and storage areas, will be located on-site per project. Staging areas will be sited inside the right-of-way or within City property. Material shall be transported to the proper station for construction, assembly, response to possible public concern.
3. Provide on-site sanitary facilities as required by governing agencies.
4. Any work areas in roadways must at least be filled temporarily with asphalt millings or covered with a FDOT approved steel road plate before the roadway can be opened to traffic. If millings are used the Contractor must maintain the millings daily until the millings are replaced with permanent asphalt.

SITE HOUSEKEEPING AND CLEANUP

1. **Waste/Debris:** Contractor shall keep the premises free at all times from accumulation of waste materials and rubbish caused by operations and employees. Contractor shall provide approved containers for collection and disposal of waste materials, debris, and rubbish. Contractor shall dispose of debris in a legal manner. At least once weekly dispose of such waste materials, debris, and rubbish off-site.
2. **Cleanup:** Periodic cleanup to avoid hazards or interference with operations at the site, and to leave the site in a reasonable neat condition. Work site will be completely cleaned after each day of work. Sweep all roadways affected by the construction and where adjacent to work daily.
3. **Water Use:** The use of water to prevent the blowing of dust and debris during cutting operations and or cleaning operations is **mandatory**.
4. **Final Cleaning:** Upon completion of work, clean entire work, and project site as applicable.

- A. Leave the work and adjacent areas affected in a cleaned condition satisfactory to the City Project Manager/City Engineer.
- B. Remove any foreign materials from exposed surfaces.
- C. Broom clean exterior paved driveways and parking areas.
- D. Hose clean sidewalks and concrete exposed surfaces.

SAFETY

1. The Contractor shall be fully responsible for meeting all OSHA, local, state, and national codes concerning safety provisions for their employees, sub-contractors, all building and site occupants, staff, public, etc.
2. Prior to completion, storage and adequate protection of all material and equipment will be the Contractor's responsibility.
3. In no event shall the City be responsible for any damages to any of the Contractor's equipment, materials, property, or clothing lost, damaged, destroyed or stolen.

SUBMITTALS

1. Provide submittals as required by City of Ocala Standard Specifications for Construction of Streets, Stormwater, Traffic, Water and Sewer Infrastructure.
2. Submit copies of permits and approvals for construction as required by laws and regulations of governing agencies.
3. Submit temporary construction parking area plans, storage yard, storage trailer location, staging area plan, and plan for disposal of waste materials.

SUBSTANTIAL COMPLETION PROCESS

1. When the Contractor considers the work as substantially complete, the Contractor shall submit to the City:
 - A. A written notice that the work or designated portion thereof, is substantially complete.
 - B. A list of items to be completed or corrected.
2. Within a reasonable time after receipt of such notice, the City will perform an inspection to determine the status of completion.
3. Should the City determine that the work is not substantially complete:
 - A. The City will promptly notify the Contractor in writing, giving the reasons, therefore.
 - B. The Contractor shall remedy the deficiencies in the work and send a second written notice of substantial completion to the City.
 - C. The City will re-inspect the work.
4. When the City finds that the work is substantially complete, the City shall prepare a Certificate of Substantial Completion with a list of items (punch list) to be completed or corrected before final payment.

FINAL COMPLETION PROCESS

1. When the Contractor considers the work complete, the Contractor shall submit written certification that:
 - A. Contract documents have been reviewed.
 - B. Work has been inspected for compliance with the Contract documents.
 - C. Work has been completed in accordance with Contract documents.
 - D. Equipment and systems have been tested in the presence of the City representative and are operational.
2. The City will perform an inspection to verify the status of completion with reasonable promptness after receipt of such certification.
3. Should the City consider that the work is incomplete or defective:
 - A. The City will promptly notify the Contractor in writing, listing the incomplete or defective work.
 - B. The Contractor shall take immediate steps to remedy the stated deficiencies and send a second written certification to the City that the work is complete.
 - C. The City will re-inspect the work.
4. When the City finds that the work is acceptable under the Contract documents, the City shall request the Contractor make closeout submittals.
5. **Final Application for Payment:** The Contractor shall submit the final application for payment in accordance with the procedures and requirements stated in the scope of work and general conditions.

CONTRACTOR CLOSEOUT DOCUMENTS

1. Evidence of compliance with requirements of governing authorities.
2. Consent of Surety to final payment.
3. Approved project record documents include electronic (CADD) and hard copy signed and sealed "As Built" by professional surveyor.
4. Completion of all submittals as required by the Contract documents.
5. Warranties and operational manuals (2 copies).

Exhibit B - PRICE PROPOSAL

	CONTRACTOR NAME	LOCATION
	C.W. ROBERTS CONTRACTING, INC.	OCALA-WILDWOOD

ITB# CIP/250303 Signalization of SW/NW 46th Avenue at SR 40

STRAIN POLE / SIGNALIZATION IMPROVEMENTS

SUMMARY OF SIGNALIZATION

ITEM #	DESCRIPTION	UOM	UNIT COST
101-1	MOBILIZATION AND SPECIAL PROVISIONS	LS	\$91,354.00
102-1	MAINTENANCE OF TRAFFIC	LS	\$80,192.00
N/A	AS-BUILT PLANS AND CONSTRUCTION LAYOUT SURVEY	LS	\$32,022.81
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	\$73.50
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK (FOR CURB RAMPS AND SIDEWALK RECONSTRUCTION)	SY	\$130.00
527-2	DETECTABLE WARNINGS	SF	\$42.55
611-1-1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	\$1,900.00
611-2-1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	\$2,100.00
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	\$20.00
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	\$55.00
632-7-1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	\$19,000.00
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	\$1,500.00
633-3-16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	\$1,210.00
633-6	FIBER OPTIC CABLE LOCATOR	LS	\$50,000.00
634-4-153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX SPAN	PI	\$13,960.00
635-2-11	PULL & SPLICE BOX; FURNISH & INSTALL; 13"x24"	EA	\$1,530.00
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	\$6,451.00
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	\$10.00
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	\$2,263.00
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	\$3,276.00
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	\$3,174.00
641-2-30	PRESTRESSED CONCRETE POLE, INSTALL	EA	\$29,368.00
650-1-24	VEHICULAR TRAFFIC SIGNAL, F&I, POLYCARBONATE W/ALUM TOP, 3 SECTION, 1 WAY	AS	\$2,206.00
650-1-26	VEHICULAR TRAFFIC SIGNAL, F&I POLYCARBONATE W/ALUM TOP, 4 SECTION, 1 WAY	AS	\$2,745.00
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	\$1,192.00
660-1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	\$552.00
660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	\$552.00
660-2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	\$1,770.00
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	\$1,467.00
660-6-121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	EA	\$3,000.00
660-6-122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	\$15,709.00
660-9-11	TRAFFIC DATA DETECTION SYSTEM- VIDEO, FURNISH AND INSTALL, CABINET EQUIPMENT	EA	\$44,650.00
660-9-12	TRAFFIC DATA DETECTION SYSTEM- VIDEO, FURNISH AND INSTALL, ABOVE GROUND EQUIPMENT	EA	\$13,388.00
665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	\$364.00
670-5-300	TRAFFIC CONTROLLER ASSEMBLY, INSTALL	AS	\$7,817.00
682-1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	\$8,615.00
684-1-1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	\$4,705.00
684-1-10	MANAGED FIELD ETHERNET SWITCH, LAYER 3, FURNISH & INSTALL	EA	\$16,500.00
685-1-11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	\$13,500.00
685-2-1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	\$2,372.00
700-1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	\$125.00
700-2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	AS	\$11,815.00
700-3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	\$976.00
700-5-21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	\$8,100.00
700-5-22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	\$9,100.00
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	\$6.10
710-90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	\$6,100.00
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	\$4.90
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	\$7.30
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 6-10 GAP EXTENSION, 6"	GM	\$2,418.00
711-11-160	THERMOPLASTIC, STANDARD, WHITE, BICYCLIST SYMBOL	EA	\$638.00
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	\$103.30
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL	LF	\$6.10
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	\$18.25

Exhibit B - PRICE PROPOSAL

	CONTRACTOR NAME	LOCATION
	C.W. ROBERTS CONTRACTING, INC.	OCALA-WILDWOOD

ITB# CIP/250303 Signalization of SW/NW 46th Avenue at SR 40

STRAIN POLE / SIGNALIZATION IMPROVEMENTS

SUMMARY OF SIGNALIZATION

ITEM #	DESCRIPTION	UOM	UNIT COST
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	\$7,600.00
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	\$7,964.00
711-17-1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	LS	\$5,164.00
SUMMARY OF INTERCONNECT			
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	\$21.60
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	\$31.50
635-2-12	PULL & SPLICE BOX; FURNISH & INSTALL; 24"x36"	EA	\$4,113.00
635-2-13	PULL & SPLICE BOX, F&I, 36" ROUND COVER SIZE	EA	\$8,439.00
SUMMARY OF LIGHTING			
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	\$19.15
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	\$31.50
635-2-11	PULL & SPLICE BOX; FURNISH & INSTALL; 13"x24"	EA	\$2,700.00
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	\$11.00
639-3-12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	\$2,264.00
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	\$3.50
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	\$26,400.00
715-500-1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	\$1,500.00

Pavement Expasion

SUMMARY OF ROADWAY

G-01	Mobilization	LS	94,000.00
G-03	Project Sign	EA	646.67
G-05	Maintenance of Traffic	LS	150,000.00
G-06	Silt Fence & Sediment Control	LF	2.10
FDOT-104-18	Inlet Protection System	EA	100.00
G-09	Clearing and Grubbing - Light	SY	5.00
G-11	General Excavation	CY	30.00
G-15	Grading (Finish)	SY	6.00
G-17	Remove & Replace Unsuitable Material	CY	22.50
G-18	Stabilized subgrade & Sub-base	SY	18.00
G-19	Limerock 10" Base	SY	34.50
G-21	Removal of Existing Concrete Sidewalks and Driveways	SY	87.00
G-22	Removal of Existing Concrete Curb & Gutter	LF	25.60
G-27	Mill Existing Asphalt Pavement at 1.5" Depth	SY	5.50
G-32-1	SP 9.5 Asphalt Superpave	TN	200.00
G-32-2	SP 12.5 Asphalt Superpave	TN	200.00
G-52	Construction Survey	LS	15,000.00
G-53	As-Built Drawings: Survey, Roadway, & Utilities	LS	8,048.79
G-56-E-2	Concrete Curb and Gutter, Type E	LF	47.00
G-80	Sod, Bahia	SY	4.00
FDOT-520- 5-42	6' Type IV Concrete Traffic Separator	LF	99.50

SUMMARY OF POTABLE WATER

W-1	12" PVC WATER MAIN	LF	350.00
W-03	DIP MJ FITTINGS 12"	EA	1,300.00
W-16	12" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	40,000.00
W-18	DIRECTIONAL BORE 12"	LF	300.00

SUMMARY OF TRAFFIC CONTROL

G-34-1	Object Marker, Type 1	EA	308.46
G-89-111	Single Post Sign, F & I, Less than 12 Sq. ft.	AS	637.00
G-91	Raised Retro-Reflective Pavement Marker w/ Adhesive	EA	6.10
G-93-121	Temporary Traffic Stripes and Markings, Standard, White, Solid, 6" Stripe	LF	0.61
G-93-131	Temporary Solid 6" Skip Stripe 10' x 30' White (Gross)	LF	0.36
G-93-141	Temporary Solid 6" Skip Stripe 2' x 4' White (Gross)	LF	0.36
G-93-221	Temporary Traffic Stripes and Markings, Standard, Yellow, Solid, 6" Stripe	LF	0.61
G-93-224	Temporary Traffic Stripes and Markings, Standard, Yellow, Solid, 18" Stripe	LF	3.05
G-93-4	Temporary Traffic Stripes and Markings, Standard, White, Solid, 24" Stripe	LF	3.65

Exhibit B - PRICE PROPOSAL

	CONTRACTOR NAME	LOCATION
	C.W. ROBERTS CONTRACTING, INC.	OCALA-WILDWOOD

ITB# CIP/250303 Signalization of SW/NW 46th Avenue at SR 40

STRAIN POLE / SIGNALIZATION IMPROVEMENTS

SUMMARY OF SIGNALIZATION

ITEM #	DESCRIPTION	UOM	UNIT COST
G-93-6	Temporary Traffic Stripes and Markings, Standard, White, Solid, 12" Stripe	LF	1.82
G-94-1-121	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 6" Stripe	LF	1.52
G-94-1-131	ThermoPlastic Solid 6" Skip Stripe 10' x 30' White (Gross)	LF	0.61
G-94-1-141	ThermoPlastic Solid 6" Skip Stripe 2' x 4' White (Gross)	LF	0.61
G-94-1-221	Thermoplastic Traffic Stripes and Markings, Standard, Yellow, Solid, 6" Stripe	LF	1.52
G-94-1-224	Thermoplastic Traffic Stripes and Markings, Standard, Yellow, Solid, 18" Stripe	LF	6.08
G-94-4	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 12" Stripe	LF	5.00
G-94-6	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 24" Stripe	LF	7.30
G-95-16	Thermoplastic Pavement Message	EW	304.00
G-95-17	Thermoplastic Pavement Arrow	EA	104.00
G-96-16	Temporary Pavement Message	EW	61.00
G-96-17	Temporary Pavement Arrow	EA	43.00
G-105	Remove Stripe/Pavement/Message (Grind or Waterblast)	SF	5.00

BID ALTERNATES

ITEM #	DESCRIPTION	UOM	UNIT COST
715-67-000	POLES - SHALL INCLUDE ALL LABOR AND EQUIPMENT TO INSTALL LIGHT POLES TO BE FURNISHED BY THE CITY OF OCALA. INSTALLATION OF STANDARD FOUNDATION PER FDOT STANDARDS AND TRANSPORT BY THE CONTRACTOR OF THE FURNISHED POLES TO THE CONSTRUCTION SITE SHALL BE INCLUDED.	EA	\$5,400.00

The Signalization Plan Set for this project is available for inspection and copying at City of Ocala Engineering & Water Resources Department at 1805 NE 30th Avenue, Building 700, Ocala, Florida 34470.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 6105.23004, F.A.C.

CONTRACT PLANS

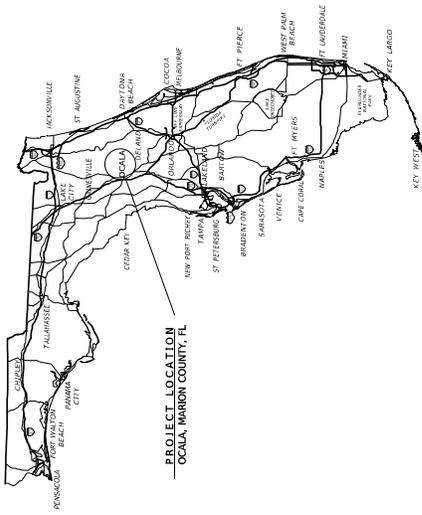
PROJECT ID: ENG CIP23-0015
Contract No. CIP/250303

SW/NW 46TH AVE AT SR 40 PAVEMENT EXPANSION



CITY ENGINEER'S OFFICE
TRANSPORTATION ENGINEERING
1805 NE 30TH AVENUE, BLDG 300
OCALA, FLORIDA 34470-4877

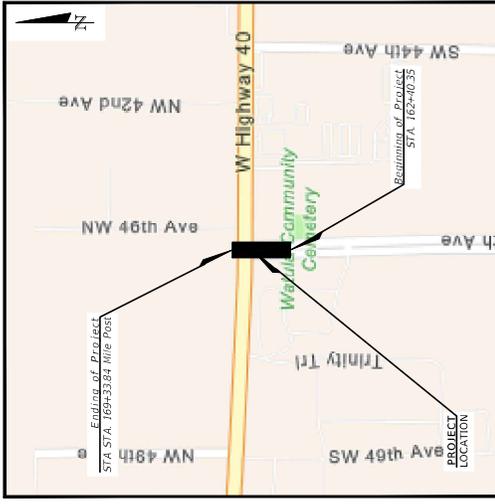
100% PLANS
(BID PLANS)



UTILITY COMPANY NAME	CONTACT	PHONE No	EMERGENCY
CITY OF OCALA WATER & SEWER	HECTOR COLON, PE	(352) 351-6844	(352) 351-6782
CITY OF OCALA ELECTRIC UTILITY	DOINNE FALES	(352) 351-6620	(352) 351-6686
CITY OF OCALA TELECOMMUNICATIONS (COX)	BILL WEALAND	(352) 351-6812	N/A
CITY OF OCALA TRAFFIC	NICK BLIZZARD	(352) 351-6707	N/A
TECO PEOPLES GAS OF OCALA	LANDON MEAHL	(352) 622-0112	(407) 408-5888
CENTURYLINK OF OCALA	JOHN PLAMONDON	(352) 988-8817	(352) 425-4444
COX COMMUNICATIONS of MARION	CRAIG SANDERS	(352) 874-5631	(888) 268-8893
AT&T of MARION	DINO FARRUBIO	(561) 997-0240	N/A

GOVERNING DOCUMENTS

- U.S. DEPARTMENT OF TRANSPORTATION, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2023)
- FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2024-25 Version)
- FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2024-25 Version)
- FLORIDA DEPARTMENT OF TRANSPORTATION, MANUAL ON UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE OF STREET & HIGHWAYS "FLORIDA GREEN BOOK" (2018 Edition)
- CITY OF OCALA, LAND DEVELOPMENT CODE (Current Version May 17, 2024)
- CITY OF OCALA, STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STREETS, STORMWATER, TRAFFIC, WATER & SEWER INFRASTRUCTURE (January 2024 Version)



POSTED SPEED LIMIT
SW/NW 46th Ave = 35 MPH
SR 40 = 50 MPH

SHEET No	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
4	ENVIRONMENTAL NOTES
5	ABBREVIATIONS & LEGENDS
6	SUMMARY OF PAY ITEMS
7	TYPICAL DETAILS
8 to 9	ROADWAY PLAN & PROFILE
10 to 11	BORING - 46th AVE (PLAN/PROFILE)
12 to 14	SIGNING & PAVEMENT MARKING
S01	SURVEY CONTROL POINTS
S02 to S03	TOPOGRAPHIC SURVEY



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
2/12/25	Revised Sheets (6, 10, & 11)			

PROJECT NAME: SW 46TH AVE AT SR 40 PAVEMENT EXP.

PROJECT No. 24111

PREPARED BY: **OCALA** City Engineer's Office

NOEL JOHN COOPER, P.E.
Professional Engineer No. 093374
STATE OF FLORIDA, DATED: 09/23/24
VALID ONLY WITH EMBOSSED SEAL

KEY SHEET

SHEET No. 1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 6105.23004, F.A.C.

SUMMARY OF ROADWAY			SUMMARY OF TRAFFIC CONTROL				
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
G-01	Mobilization	LS	1	G-34-1	Object Marker, Type 1	EA	1
G-03	Project Sign	EA	2	G-89-111	Single Post Sign, F & I, Less than 12 Sq. ft.	AS	8
G-05	Maintenance of Traffic	LS	1	G-91	Raised Retro-Reflective Pavement Marker w/ Adhesive	EA	111
G-06	Silt Fence & Sediment Control	LF	122	G-93-121	Temporary Traffic Stripes and Markings, Standard, White, Solid, 6" Stripe	LF	1,915
FD07-104-18	Inlet Protection System	EA	6	G-93-131	Temporary Solid 6" Skip Stripe 10' x 30' White (Gross)	LF	372
G-09	Clearing and Grubbing - Light	SY	2,103.00	G-93-141	Temporary Solid 6" Skip Stripe 2' x 4' White (Gross)	LF	300
G-11	General Excavation	CY	1,043.15	G-93-221	Temporary Traffic Stripes and Markings, Standard, Yellow, Solid, 6" Stripe	LF	1,421
G-15	Graing (Finish)	SY	782.97	G-93-224	Temporary Traffic Stripes and Markings, Standard, Yellow, Solid, 18" Stripe	LF	138
G-17	Remove & Replace Unsuitable Material	CY	260.79	G-93-4	Temporary Traffic Stripes and Markings, Standard, White, Solid, 24" Stripe	LF	158
G-18	Stabilized Subgrade & Sub-base	SY	2,423.83	G-93-6	Temporary Traffic Stripes and Markings, Standard, White, Solid, 12" Stripe	LF	167
G-19	Limerock 10" Base	SY	2,055.16	G-94-1-121	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 6" Stripe	LF	1,915
G-21	Removal of Existing Concrete Sidewalks and Driveways	SY	102.00	G-94-1-131	Thermoplastic Solid 6" Skip Stripe 10' x 30' White (Gross)	LF	372
G-22	Removal of Existing Concrete Curb & Gutter	LF	185.50	G-94-1-141	Thermoplastic Solid 6" Skip Stripe 2' x 4' White (Gross)	LF	300
G-27-2	Mill Existing Asphalt Pavement at 1" Depth	SY	1,280.32	G-94-1-221	Thermoplastic Traffic Stripes and Markings, Standard, Yellow, Solid, 6" Stripe	LF	1,421
G-27-4	Mill Existing Asphalt Pavement at 1.5" Depth	SY	2,623.82	G-94-1-224	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 18" Stripe	LF	138
G-32-1	SP 9.5 Asphalt Superpave	TN	399.91	G-94-4	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 12" Stripe	LF	167
G-32-2	SP 12.5 Asphalt Superpave	TN	339.10	G-94-6	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 24" Stripe	LF	158
G-52	Construction Survey	LS	1	G-95-16	Thermoplastic Pavement Message	EW	2
G-53	As-Built Drawings; Survey, Roadway, & Utilities	LS	1	G-95-17	Thermoplastic Pavement Arrow	EA	15
G-56-E-2	Concrete Curb and Gutter, Type E	LF	588	G-96-16	Temporary Pavement Message	EW	2
G-80	Sod, Bahia	SY	522.00	G-96-17	Temporary Pavement Arrow	EA	15
FD07-520- 5-42	6' Type IV Concrete Traffic Separator	LF	284				

SUMMARY OF POTABLE WATER			
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
W-01	12" PVC WATER MAIN	LF	260
W-03	CIP MJ FITTINGS 12"	EA	4
W-15	12" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	1
W-19	DIRECTIONAL BORE 12"	LF	216

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
G-01	Mobilization	LS	1
G-03	Project Sign	EA	2
G-05	Maintenance of Traffic	LS	1
G-06	Silt Fence & Sediment Control	LF	122
FD07-104-18	Inlet Protection System	EA	6
G-09	Clearing and Grubbing - Light	SY	2,103.00
G-11	General Excavation	CY	1,043.15
G-15	Graing (Finish)	SY	782.97
G-17	Remove & Replace Unsuitable Material	CY	260.79
G-18	Stabilized Subgrade & Sub-base	SY	2,423.83
G-19	Limerock 10" Base	SY	2,055.16
G-21	Removal of Existing Concrete Sidewalks and Driveways	SY	102.00
G-22	Removal of Existing Concrete Curb & Gutter	LF	185.50
G-27-2	Mill Existing Asphalt Pavement at 1" Depth	SY	1,280.32
G-27-4	Mill Existing Asphalt Pavement at 1.5" Depth	SY	2,623.82
G-32-1	SP 9.5 Asphalt Superpave	TN	399.91
G-32-2	SP 12.5 Asphalt Superpave	TN	339.10
G-52	Construction Survey	LS	1
G-53	As-Built Drawings; Survey, Roadway, & Utilities	LS	1
G-56-E-2	Concrete Curb and Gutter, Type E	LF	588
G-80	Sod, Bahia	SY	522.00
FD07-520- 5-42	6' Type IV Concrete Traffic Separator	LF	284

SHEET No. 6

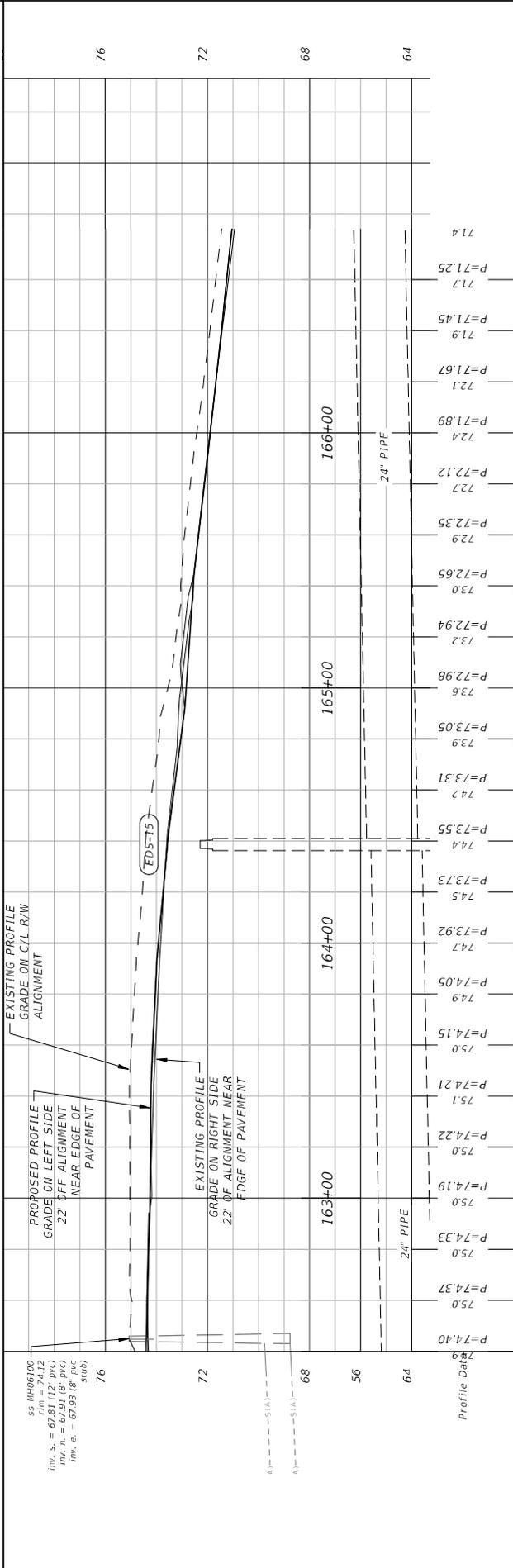
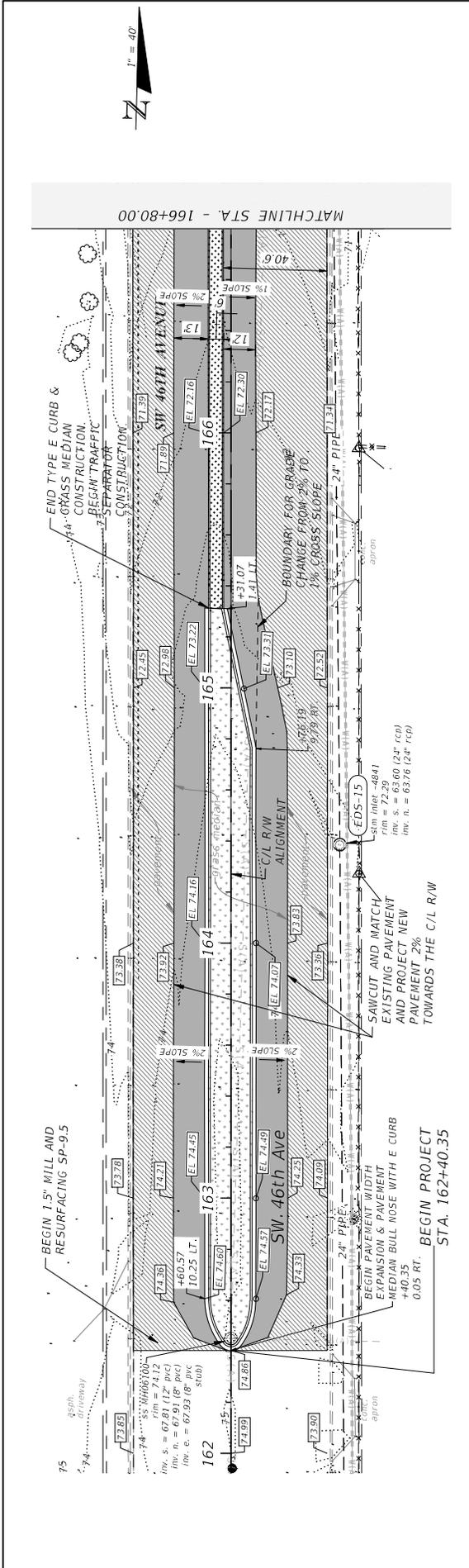
PROJECT NAME: SW 46TH AVE AT SR 40 PAVEMENT EXP.



SUMMARY OF PAY ITEMS

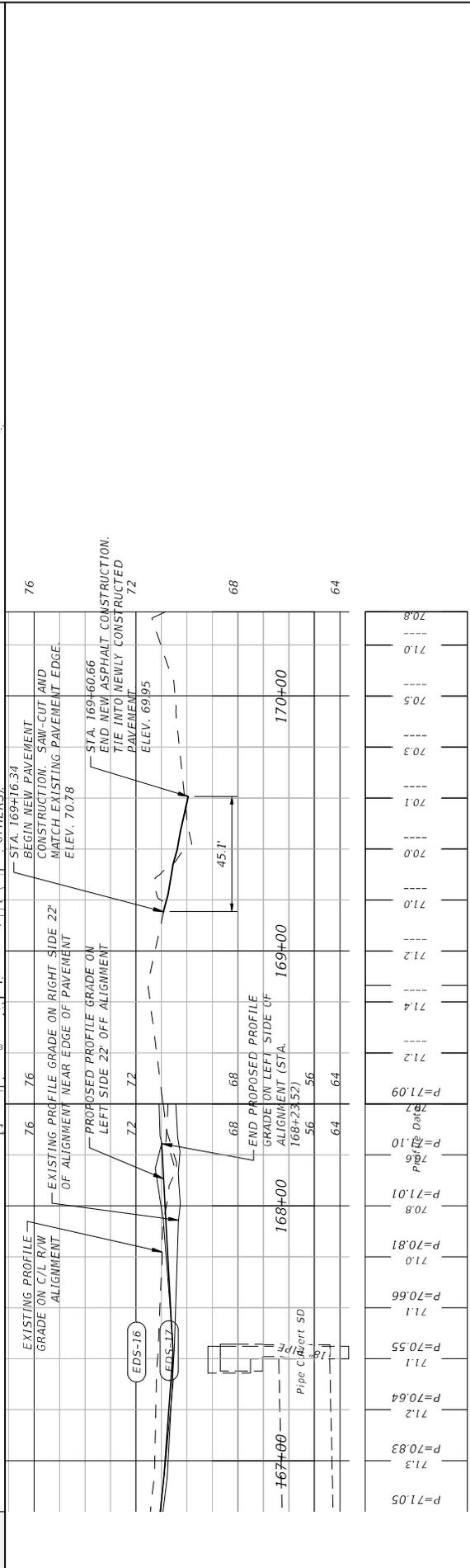
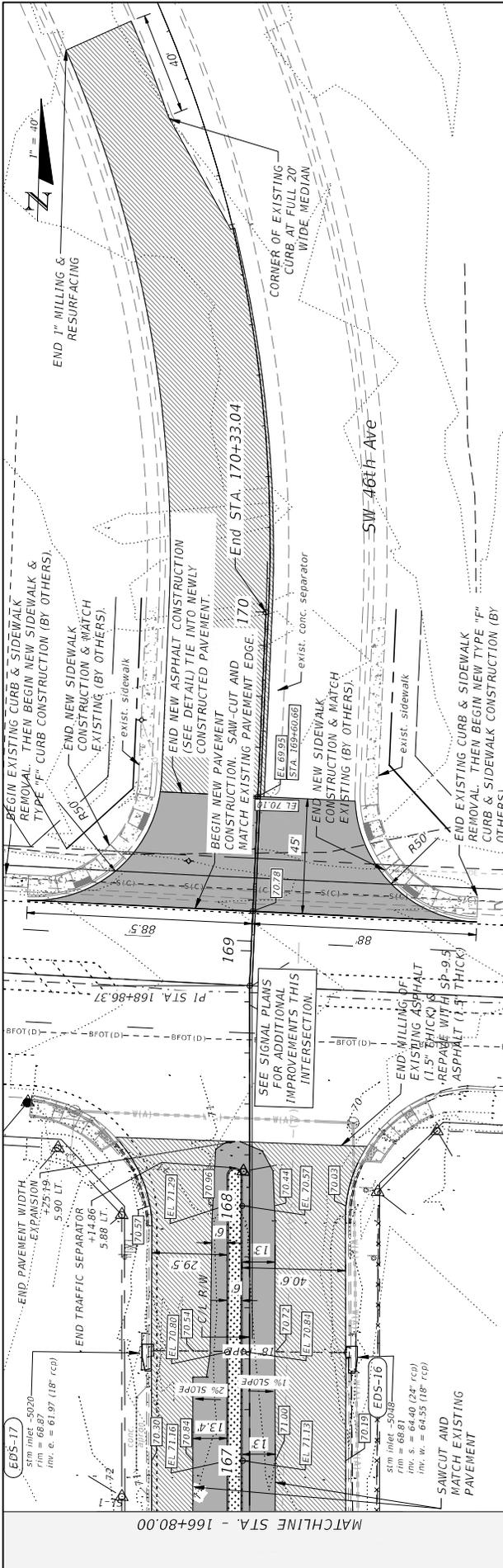
NOEL JOHN COOPER, P.E.
 P. E. License No. 093314
 STATE OF FLORIDA, DATED: /
 VALID ONLY WITH EMBOSSED SEAL

DATE DESCRIPTION DATE DESCRIPTION
 12/18/24 Revised 2-4 Quantities
 1/16/25 Revis. & Quantities for Sol. White, 6" Sol. Yellow, Revis. & Quantities for Sol. Yellow, 6" Sol. Yellow, 12" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM
 2/12/25 Revised Quantities (SUMMARY OF POTABLE WATER)
 2/12/2025
 Gary Anson



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
			75.0	P=74.40
			75.0	P=74.37
			75.0	P=74.33
			75.0	P=74.19
			75.0	P=74.22
			75.1	P=74.21
			75.0	P=74.15
			74.9	P=74.05
			74.7	P=73.92
			74.5	P=73.73
			74.4	P=73.55
			74.2	P=73.31
			73.9	P=73.05
			73.6	P=72.98
			73.2	P=72.94
			73.0	P=72.65
			72.9	P=72.35
			72.7	P=72.12
			72.4	P=71.89
			72.1	P=71.67
			71.9	P=71.45
			71.7	P=71.25
			71.4	P=71.00

PREPARED BY: NOEL JOHN COOPER, P.E.
 PROJECT NO.: 24111
 PROJECT NAME: SW 46TH AVE. AT S.R. 40 PAVEMENT EXP.
 ROADWAY PLAN & PROFILE (1)



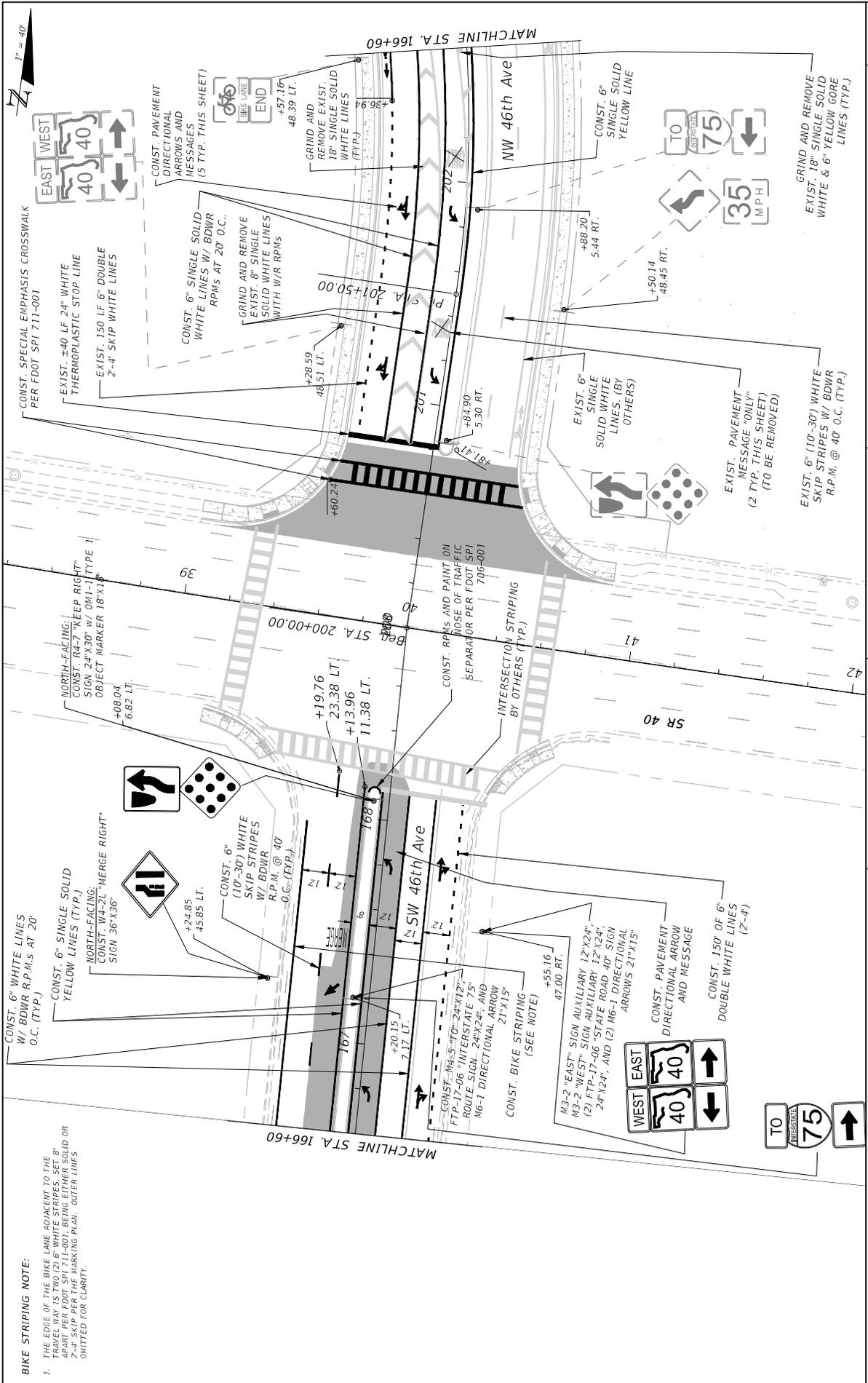
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
1/27/25	ADDED 1\"/>			

PREPARED BY
Ocala
 City Engineer's Office

NOEL JOHN COOPER, P.E.
 P.E. LICENSE NUMBER 69534
 STATE OF FLORIDA, DATE:
 VALID ONLY WITH EMBOSSED SEAL.

PROJECT NO. 24111
 PROJECT NAME: SW 46TH AVE. AT SR 40 PAVEMENT EXP.
ROADWAY PLAN & PROFILE (2)

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



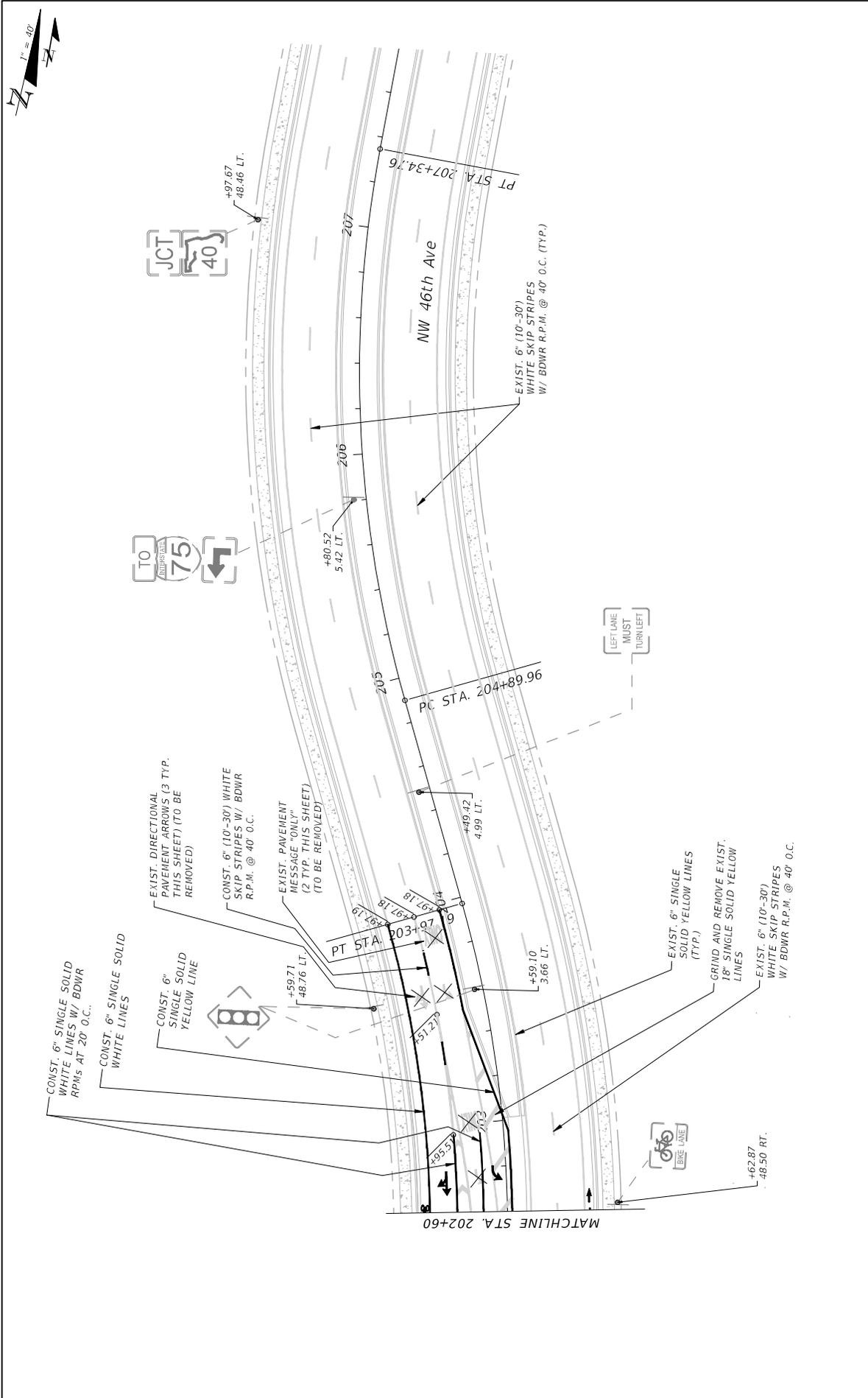
BIKE STRIPING NOTE:

1. THE EDGE OF THE BIKE LANE ADJACENT TO THE TRAVEL WAY IS TWO (2) 6" WHITE STRIPES, SET 8" FROM THE BIKE LANE EDGE. THE 2-4" SKIP PER THE MARKING PLAN, OMITTED FOR CLARITY.

DATE	DESCRIPTION	DATE	REVISIONS
1/25/23	Revised Striping	1/6/25	
2/9/23	Revised Projects Starting Point		
4/6/23	Revised Notes, Pavement Markings, & Signs		
12/18/24	Revised Notes, & 2-4" Pavement Markings		

PREPARED BY OCALA CITY ENGINEER'S OFFICE	SIGNED & SEALED SIGNING & PAVEMENT MARKING	SHEET NO. 13
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
1/2/25	Added Revised Striping		
1/6/25	Revised 6" Solid White, 6" Solid Yellow, R.P.M.s, & Pavement Marking Removal North of SR 40		

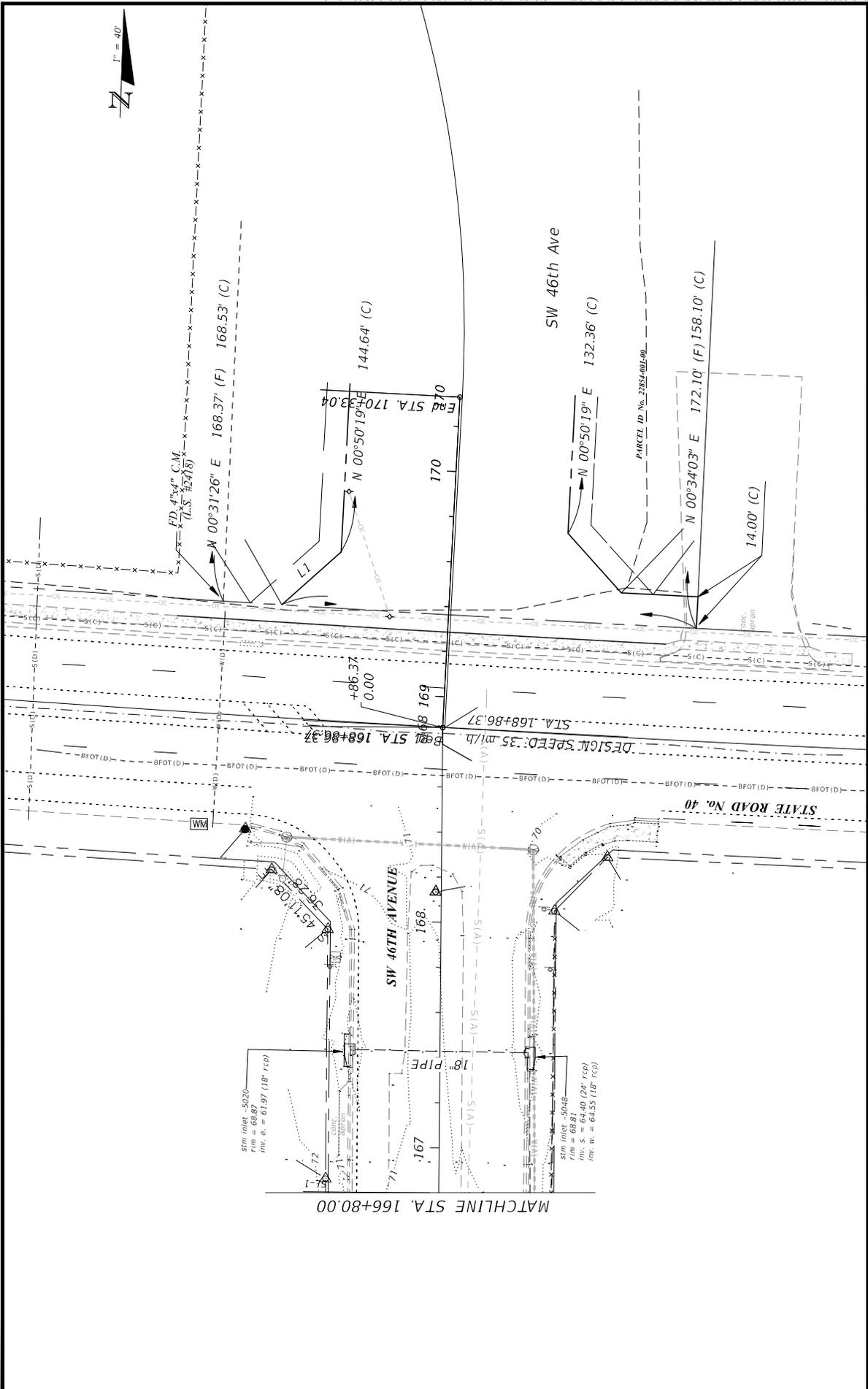
PREPARED BY OCALA CITY ENGINEER'S OFFICE	NW 44TH AVENUE EXTENSION SIGNING & PAVEMENT MARKING	SHEET NO. 14
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Point Table

PT. NO.	POINT DESCRIPTION	(X) EASTING	(Y) NORTHING	SCALE FACTOR	CONVERGENCE	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	(Z) (NGVD) ELEVATION
14	CIRC /C00 CP	593057.149	1764044.513	0.99994574	-000° 05' 47"	029° 11' 10.285"	-082° 11' 52.012"	40+01.30	69.38 Rt	70.42
94	CNL /C00BM AKA TP23	592971.643	1764069.038	0.99994575	-000° 05' 48"	029° 11' 10.526"	-082° 11' 52.977"	39+15.56	46.76 Rt	71.34
125	CIRC /C0ED FD	593156.732	1768561.020	0.99994573	-000° 05' 47"	029° 11' 55.001"	-082° 11' 50.974"	244+91.77	52.17 Lt	66.08
204	CIRC /C00CP	592673.961	1764457.748	0.99994580	-000° 05' 49"	029° 11' 14.370"	-082° 11' 56.343"	204+96.71	319.43 Lt	73.77
207	CIRC /C00CP	592771.366	1765402.477	0.99994578	-000° 05' 49"	029° 11' 23.724"	-082° 11' 55.262"	213+12.25	148.01 Lt	65.52
210	IRC /C00CP	592388.279	1765884.374	0.99994584	-000° 05' 51"	029° 11' 28.489"	-082° 11' 59.593"	215+88.31	612.59 Lt	68.39
213	CIRC /C00CP	592942.820	1766614.792	0.99994576	-000° 05' 48"	029° 11' 35.730"	-082° 11' 53.351"	225+51.53	145.54 Lt	76.44
214	CIRC /C00CP	592979.910	1766100.013	0.99994575	-000° 05' 48"	029° 11' 30.634"	-082° 11' 52.922"	220+37.14	103.33 Lt	71.79
216	CIRC /C00CP	592902.278	1766973.743	0.99994576	-000° 05' 48"	029° 11' 39.283"	-082° 11' 53.815"	229+10.32	189.38 Lt	75.94
217	CIRC /C00CP	592619.060	1767317.157	0.99994580	-000° 05' 50"	029° 11' 42.678"	-082° 11' 57.017"	232+51.30	475.52 Lt	71.65
218	CIRC /C00CP	593003.072	1767195.348	0.99994575	-000° 05' 48"	029° 11' 41.478"	-082° 11' 52.682"	231+32.78	90.48 Lt	72.84
219	CIRC /C00CP	593031.056	1767943.948	0.99994574	-000° 05' 48"	029° 11' 48.890"	-082° 11' 52.380"	238+81.59	68.91 Lt	72.24
244	CIRC /C00CP	591900.780	1768056.893	0.99994591	-000° 05' 54"	029° 11' 49.989"	-082° 12' 05.136"	2+53.18	6.86 Lt	64.23
262	CNL /C00BM AKA TP10	591911.517	1767821.835	0.99994591	-000° 05' 54"	029° 11' 47.662"	-082° 12' 05.010"	0+18.35	8.19 Rt	65.90
263	CNL /C00CP AKATP8	592222.451	1768061.667	0.99994586	-000° 05' 52"	029° 11' 50.042"	-082° 12' 01.506"	6+07.33	33.32 Rt	65.76
264	CIRC /C00CP AKA TP7	592648.132	1768066.334	0.99994580	-000° 05' 50"	029° 11' 50.095"	-082° 11' 56.703"	10+33.17	26.16 Rt	71.61
275	CNL /C00BM AKA TBMK1	593170.140	1768334.333	0.99994572	-000° 05' 47"	029° 11' 52.759"	-082° 11' 50.818"	242+85.22	40.31 Rt	66.53
287	CIRC /C00CP	593225.244	1764155.647	0.99994572	-000° 05' 46"	029° 11' 11.368"	-082° 11' 50.117"	41+67.59	44.26 Lt	68.69
747	CIRC /SET 5/8" C00 CP	592867.893	1765252.128	0.99994577	-000° 05' 48"	029° 11' 22.237"	-082° 11' 54.170"	211+62.89	49.96 Lt	64.25
748	CIRC /C00CP	593114.478	1764334.070	0.99994573	-000° 05' 47"	029° 11' 13.153"	-082° 11' 51.370"	202+14.14	58.30 Rt	68.33
749	CIRC /C00CP	593059.950	1764334.028	0.99994574	-000° 05' 47"	029° 11' 13.151"	-082° 11' 51.986"	202+19.80	4.10 Rt	69.50
750	CIRC /SET 5/8" C00 CP	592581.981	1765422.256	0.99994581	-000° 05' 50"	029° 11' 23.917"	-082° 11' 57.399"	213+30.11	337.58 Lt	66.90
761	CIRC /C00 CP	593037.690	1766026.318	0.99994574	-000° 05' 47"	029° 11' 29.905"	-082° 11' 52.269"	219+60.57	42.75 Lt	71.23
787	CIRC /SET C00CP	592872.323	1767658.140	0.99994577	-000° 05' 48"	029° 11' 46.058"	-082° 11' 54.166"	235+94.44	225.19 Lt	73.63

DRAWN	DATE	DESCRIPTION	ENGINEER OF RECORD	PREPARED BY	PROJECT NO.	SHEET NO.
					SR 40 PAVEMENT EXP.	501
<p>R. KELLY ROBERTS, P.S.M. P.S.M. LICENSE NUMBER: 5559 STATE OF FLORIDA VALID ONLY WITH EMBOSSED SEAL</p>			<p>PROJECT NAME: SW 46TH AVE AT SR 40 PAVEMENT EXP. SURVEY CONTROL POINTS TABLE</p>			
<p>1772025 1A: SR-ENG-Transportation\Projects\2024\100-Road\24111 - SW 46th Ave @ SR 40 Pavement Expansion Plans for New Signal\0241111111\SURVEY\SR002.dwg</p>			<p>OCALA City Engineer's Office</p>			



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

DATE		DESCRIPTION	
REVISIONS		DESCRIPTION	
177/2025			
R. KELLY ROBERTS, P.S.M. P.S.M. LICENSE NUMBER: 5559 STATE OF FLORIDA VALID ONLY WITH EMBOSSED SEAL		PREPARED BY Ocala City Engineer's Office	
PROJECT NO. 24111 PROJECT NAME: SW 46TH AVE AT SR 40 PAVEMENT EXP.		SHEET NO. 503	

SW 46TH AVE @ SR 40 PAVEMENT EXPANSION PLANS FOR NEW SIGNAL(24111) SURVEY FROM SOUTH SECTION(04600) FULLSOUTHWAY

**DRIVEWAY CONNECTION PERMIT
FOR ALL CATEGORIES**

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 2023-A-595-00032

Permit Category: J - Government Entity Access Classification: 5

Project: New traffic signal (SR 40 at SW 46th/NW 44th Avenue)

Permittee: NOEL COOPER

Section/Mile Post: 110 / 23.03 State Road: 40

Section/Mile Post: / State Road:

PART 2: PERMITTEE INFORMATION

Permittee Name: NOEL COOPER

Permittee Mailing Address: 1805 NE 30th Avenue, Bldg 300

City, State, Zip: Ocala, Florida 34473

Telephone: (352) 351-6708 ext. _____

Engineer/Consultant/or Project Manager: Amber Gartner

Engineer responsible for construction inspection: _____
NAME P.E. #

Mailing Address: _____

City, State, Zip: _____

Telephone: _____ FAX, Mobile Phone, etc. Fax: / Mobile: _____

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2023-A-595-00032
Department of Transportation

Signature: Nicole Aiton Title: OPERATIONS PROGRAM ENGINEER

Department Representative's Printed Name Nicole Aiton

Temporary Permit YES NO (If temporary, this permit is only valid for 6 months)

Special provisions attached YES NO

Date of Issuance: 1/10/2025

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.
Phone: 3526727299 , Attention: Cepeda Raul
2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.
3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.
4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.
5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.
6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.
7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.
8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.
9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.
10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.
11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.
12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.
13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility, except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.
14. The Permittee shall be responsible for determining and notify all other users of the right of way.
15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

PART 5: SPECIAL PROVISIONS

NON-CONFORMING CONNECTIONS: YES NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.
2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:

Lane Closure Restrictions:

6 am - 6 pm EB & 6 am - 7 pm WB

PART 6: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.



Find your place

CITY OF OCALA
OFFICE OF THE CITY ENGINEER
SR 40 AT SW 46TH AVENUE
STRAIN POLE
SIGNALIZATION PLANS
PERMIT PLANS - DECEMBER 2024
(NOT FOR CONSTRUCTION)

CITY OFFICIALS

- MAYOR - BEN MARCIANO
DISTRICT 1 - COUNCIL PRESIDENT BARRY MANSFIELD
DISTRICT 2 - COUNCIL MEMBER IRE BETHEA, SR.
DISTRICT 3 - COUNCIL MEMBER JAY MUSLEH
DISTRICT 4 - COUNCIL PRESIDENT PRO-TEM KRISTEN DREYER
DISTRICT 5 - COUNCIL MEMBER JAMES HILTY, SR.
CITY ENGR./ENGINEERING DIRECTOR - SEAN LANIER, P.E., CFM

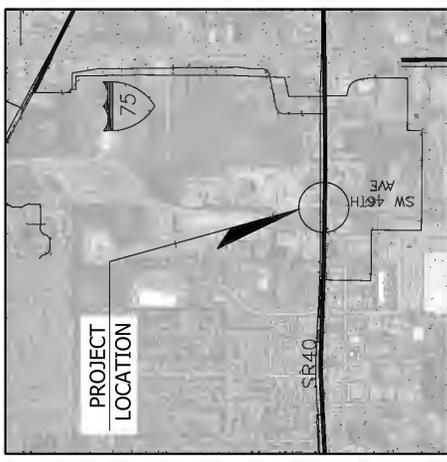
CONSTRUCTION REFERENCES

- BID SPECIFICATIONS AND CONTRACT
CITY OF OCALA LAND DEVELOPMENT CODE, LATEST EDITION
CITY OF OCALA STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STREETS, STORMWATER, TRAFFIC, WATER AND SEWER INFRASTRUCTURE, JANUARY 2024
FOOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, FY 2024-25
FOOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, FY 2024-25
MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS (FLORIDA GREENBOOK), FOOT, 2018
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, 2009 EDITION, INCLUDING REVISIONS 1 AND 2 USDOT, FHWA
FOOT DISTRICT 5 - SMART SIGNAL DESIGN GUIDANCE APRIL, 2023

Table with 2 columns: SHEET NUMBER, SHEET DESCRIPTION. Lists sheets T-01 through T-04 and T-06 through T-11.

SR 40 POSTED/DESIGN SPEED = 50 MPH
SW 46TH AVE POSTED/DESIGN SPEED = 45 MPH
NW 46TH AVE POSTED/DESIGN SPEED = 40 MPH

Table with 2 columns: LENGTH OF PROJECT, LINEAR FEET, MILES. Lists ROADWAY, BRIDGES, NET LENGTH OF PROJECT, EXCEPTIONS, GROSS LENGTH OF PROJECT.



PROJECT LOCATION MAP
(NOT TO SCALE)
SECTIONS: 15; TOWNSHIP: 15 SOUTH; RANGE: 21 EAST
MARION COUNTY, FLORIDA

UTILITY COMPANIES table listing utility companies, contact persons, and phone numbers.

ENGINEER'S CERTIFICATION
I, THE ENGINEER, CERTIFY THAT THE WORK PROPOSED BY THESE PLANS COMPLIES WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS AS REQUIRED BY THE LAND DEVELOPMENT CODE OF MARION COUNTY, FLORIDA, AND FOOT STANDARD PLANS EXCEPT AS NOTED OR SHOWN.

AMBER L. GARTNER, P.E.
KIMLEY-HORN AND ASSOCIATES, INC. (REGISTRY 35106)
1700 SE 17TH STREET, SUITE 200
OCALA, FLORIDA 34947
FLORIDA P.E. NO. 172284

SIGNATURE



REVISIONS	DESCRIPTION	DATE	DRAWN BY KHA	CHECKED BY KHA	DATE	CITY OF OCALA OCALA, FL 34703 1800 S.W. 30TH AVE. ROOM 000 OCALA, FL 34703	CITY OF OCALA OCALA, FL 34703 1800 S.W. 30TH AVE. ROOM 000 OCALA, FL 34703	CITY OF OCALA OCALA, FL 34703 1800 S.W. 30TH AVE. ROOM 000 OCALA, FL 34703	CITY OF OCALA OCALA, FL 34703 1800 S.W. 30TH AVE. ROOM 000 OCALA, FL 34703
<p>GENERAL NOTES</p> <ol style="list-style-type: none"> 1. THE MAINTAINING AGENCY IS CITY OF OCALA. 2. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE CITY OF OCALA STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STREETS, STORMWATER, TRAFFIC, WATER, AND SEWER INFRASTRUCTURE (JANUARY 2024), THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FY 2024-25) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD CONSTRUCTION (FY 2024-25), AND ALL SUPPLEMENTS APPLICABLE THERETO. 3. ALL WORK SHALL CONFORM TO SECTION 9A.11 13 TRAFFIC SIGNALS, OF THE CITY OF OCALA STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STREETS, STORMWATER, TRAFFIC, WATER, AND SEWER INFRASTRUCTURE. 4. THESE PLANS REFLECT CONDITIONS KNOWN AT THE TIME OF PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL FIELD CONDITIONS PREVENT THE APPLICATION OF THESE PLANS AND/OR THE SPECIFICATIONS OR THE PROGRESSION OF THE WORK SPECIFIED IN THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND CITY OF OCALA ENGINEER'S OFFICE IMMEDIATELY AND PRIOR TO ANY FURTHER EXECUTION OF THE WORK. 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY LOCATION COORDINATION EFFORTS AS REQUIRED BY OSHA AND FLORIDA REGULATIONS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SUBSCRIBERS TO THE SUNSHINE STATE ONE-CALL SYSTEM, AND IT SHALL BE INCUMBENT UPON THE CONTRACTOR TO MAKE EVERY EFFORT TO ENSURE THAT ALL UTILITIES ARE LOCATED PRIOR TO CONSTRUCTION. 6. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY DEPARTMENT AT LEAST TWO (2) BUSINESS DAYS IN ADVANCE OF POLE SETTING AND OPERATIONS WHERE CONFLICT WITH OVERHEAD ELECTRICAL UTILITIES IS EXPECTED. WITH TRENCHING OPERATIONS, OR ANYWHERE UTILITY CONFLICTS MAY BE ENCOUNTERED. 7. CONTRACTOR SHALL NOTIFY TECO A MINIMUM OF 2 BUSINESS DAYS IN ADVANCE OF WORK BEING DONE WITHIN 3 FEET OF AN ACTIVE GAS MAIN FOR TECO OPERATIONS PERSONNEL TO BE ON SITE DURING WORK FOR PROTECTION OF THEIR UTILITIES TO REMAIN IN PLACE. 8. IN THE EVENT OF CONFLICT WITH THE CROSSING OF EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL ADJUST THE DEPTH OF PROPOSED CONDUIT AS INSTRUCTED BY THE ENGINEER IN CHARGE TO PROVIDE VERTICAL SEPARATION PER PREVAILING STANDARDS. 9. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT OCALA ELECTRIC UTILITY TO CONFIRM SAFETY PREPARATIONS AND CLEARANCE LIMITS. WHEN SETTING OVERHEAD POWER CONDUITS, CONTRACTOR SHALL CONTACT OCALA ELECTRIC UTILITY PRIOR TO PROCUREMENT OF MATERIALS TO CONFIRM REQUIREMENTS FOR CROSSING OF THE ELECTRIC LINES. 10. AS PER FOOT DISTRICT 5 REQUIREMENTS, THE CONTRACTOR SHALL HAND DIG THE FIRST 4' AT EACH POLE LOCATION AND THE FIRST 2' AT EACH PEDESTAL LOCATION. 11. THE CONTRACTOR SHALL NOTIFY CITY OF OCALA AT LEAST SEVEN (7) BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION. 12. CONTRACTOR SHALL APPLY FOR A RIGHT-OF-WAY UTILIZATION PERMIT, AT LEAST 5 BUSINESS DAYS PRIOR TO STARTING WORK DATE, FOR ANY WORK BEING DONE WITHIN THE CITY'S RIGHT-OF-WAY. 13. IN THE EVENT THAT TRAFFIC SIGNAL CONSTRUCTION ACTIVITY AT THE INTERSECTION REQUIRES CLOSURE OF A LANE OR LANES, THE CONTRACTOR SHALL PROCURE THE SERVICES OF TRAFFIC CONTROL OFFICER TO DIRECT TRAFFIC FOR THE DURATION OF THE CLOSURE(S). PAYMENT FOR THE OFFICER SHALL BE INCIDENTAL TO THE WORK AND WILL NOT BE PAID SEPARATELY. 14. ALL MAINTENANCE OF TRAFFIC FOR THIS INSTALLATION SHALL CONFORM TO THE FOOT STANDARD INDEXES) 102-600 THROUGH 109-670 THAT ARE MOST APPLICABLE TO THE INTENT OF THE CONSTRUCTION ACTIVITY. IN PROGRESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF TRAFFIC FOR THE DURATION OF THIS PROJECT. 15. VARIABLE MESSAGE SIGNS SHALL BE INSTALLED ON SR 40, SW 46TH AVENUE, AND NW 46TH AVENUE 500 FEET IN ADVANCE OF THE TRAFFIC SIGNAL. THE SIGNS SHALL BE ACTIVATED ON THE DAY THE SIGNAL IS TURNED ON AND WILL OPERATE FOR 14 DAYS. THE MESSAGE SHALL BE "NEW SIGNAL AHEAD" BE PREPARED TO STOP". 16. CONTRACTOR IS REQUIRED TO HAVE AN I.M.S.A. LEVEL II SIGNAL TECHNICIAN ON SITE THROUGH ALL PHASES OF CONSTRUCTION AND ON CALL WITH A 2 HOUR MAXIMUM RESPONSE TIME. 17. THE CONTRACTOR IS REQUIRED TO INSPECT THE INSTALLATION OF THE TRAFFIC SIGNALS IN ACCORDANCE WITH FOOT SPECIFICATION 105-8.10. THE CONTRACTOR SHALL COORDINATE THE FINAL ACCEPTANCE INSPECTION IN ACCORDANCE WITH FOOT SPECIFICATION 611-2.2. CONTRACTOR TO CONTACT FOOT TRAFFIC OPS TRAFFIC SIGNAL CC MANAGER AT 386-943-5229 10 DAYS PRIOR TO SIGNAL TURN ON AND ENSURE FOOT TRAFFIC OPS WILL BE AT THE SIGNAL TURN ON. CONTRACTOR TO CONTACT FOOT STRUCTURES AT 386-740-3463 10 DAYS PRIOR TO SIGNAL TURN ON TO SCHEDULE AN INSPECTION. THE CITY OF OCALA PUBLIC WORKS DEPARTMENT (352)351-4733) AND THE FOOT PERMIT OFFICE SHOULD ALSO BE CONTACTED AT LEAST TEN DAYS BEFORE THE INSPECTION IS TO BE PERFORMED SO THEY MAY BE PRESENT. 18. DURING NON-WORKING HOURS, THE CONTRACTOR SHALL NOT STORE ANY MATERIALS OR PARK ANY EQUIPMENT WITHIN 30 FEET OF THE EDGE OF THE TRAVELED WAY. IF THE ABOVE IS NOT POSSIBLE, THE CONTRACTOR SHALL IDENTIFY AN APPROVED STORAGE AREA AND SUCH AREA SHALL BE PROPERLY DELINEATED AND ADVANCE WARNING SHALL BE UTILIZED. 19. PER FOOT STANDARD SPECIFICATIONS, ALL FIELD WIRING SHALL BE CLEARLY IDENTIFIED WITH WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE CONTRACTOR SHALL SUBMIT THE PROPOSED TAGGING SYSTEM WITH THE SUBMITTALS PACKAGE AS REQUIRED FOR PERMIT JOBS. 	<p>PRIOR TO FINAL ACCEPTANCE BY THE CITY, SUBMIT TO THE CITY TRAFFIC ENGINEER TWO (2) COMPLETE AND COMPREHENSIVE SETS OF AS-BUILT DRAWINGS. THE AS-BUILT DRAWINGS SHALL ACCURATELY REFLECT THE ACTUAL, AS-BUILT CABINET IN THE FIELD AND SHALL IDENTIFY THE FOLLOWING INFORMATION:</p> <ol style="list-style-type: none"> a. ABANDONED AND UNUSED PULL BOXES SHALL BE CLEARLY LABELED DISTANCES FROM THE INTERSECTION OF EACH INSTALLED PULL BOX SHALL BE MEASURED FROM THE PERPENDICULAR EDGE OF CURB AND FROM THE EDGE OF THE NEAREST CURB TO INDICATE LOCATION IN RELATION TO THE ROADWAY. b. THE INSTALLED CONDUIT'S SIZE AND NUMBER OF RUNS SHALL BE CLEARLY NOTED AS WELL AS THE DISTANCE AWAY FROM THE NEAREST CURB TO THE ROADWAY. c. CURB CALLED, THE LOCATION OF SIGNAL POLES, CONTROLLER CABINET, UNINTERRUPTIBLE POWER SUPPLY AND BATTERY BACKUP CABINET, COMMUNICATION CABLE, VIDEO DETECTION CAMERA AND CABLE, ITS CAMERA AND CABLE, OVERHEAD MOUNTED STREET NAME SIGNS, LIGHTED OR NON-LIGHTED AND CABLE RUNS, AND POWER CABLE SHALL BE SHOWN ON THE PLANS. d. TWO (2) SETS OF SIGNAL WIRING COLOR CODE FORMS SHALL BE INCLUDED WITH THE AS-BUILT PLANS. e. CONTRACTOR SHALL CORRECT ANY ERRORS TO THE AS-BUILT PLANS UPON REVIEW BY THE ENGINEER BEFORE FINAL ACCEPTANCE IS COMPLETE. <p>20. THE CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSPECTION FROM THE MANUFACTURER THAT THE EQUIPMENT AND MATERIALS TO BE SUPPLIED TO THIS PROJECT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THESE CERTIFICATES SHALL BE SUBMITTED PRIOR TO BEGINNING WORK.</p> <p>21. THE CABINET DOOR SHALL BE ORIENTED SO THAT THE DOOR OPENS AWAY FROM THE INTERSECTION.</p> <p>22. THREE SPARE CONDUCTORS PER SIGNAL CABLE ARE REQUIRED. SPARES SHALL BE BOUND TOGETHER AND GROUNDED TO THE BUS GROUNDING FACILITY IN THE CONTROLLER CABINET.</p> <p>23. ALL TRAFFIC SIGNAL HEAD ASSEMBLIES SHALL HAVE A MINIMUM LOW POINT OF CLEARANCE OF 17.5' AND A MAXIMUM HIGH POINT OF CLEARANCE OF 19' FROM THE BOTTOM OF THE ASSEMBLY TO THE ROADWAY.</p> <p>24. THE CONTRACTOR SHALL VERIFY COLOR CODES WITH CITY OF OCALA FOR THE SIGNAL CABLE CONDUCTORS PRIOR TO ORDERING.</p> <p>25. CONCRETE STRAIN POLES SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH INDEX 641-010 OF THE FOOT FY 2024-25. STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.</p> <p>26. CIRCULAR DRIP LOOPS (MINIMUM ONE CIRCLE) ARE TO BE PROVIDED AT ALL AERIAL DISCONNECT HANGERS, INTERCONNECT JUNCTION BOX, ELECTRICAL SIGN, AND POLE LOCATIONS.</p> <p>27. CABLE GRIP SHALL BE OF SUFFICIENT SIZE TO NOT COMPROMISE THE INSULATION ON THE SIGNAL CABLE.</p> <p>28. ALL CABLE SHALL BE PULLED IN THE CONDUIT WITH A CABLE GRIP DESIGNED TO PROVIDE A FIRM HOLD ON THE EXTERIOR COVERING OF THE CABLE. A WINCH WITH A SLIP CLUTCH SHALL BE USED TO ENSURE THAT THE ALLOWABLE TENSION IS NOT EXCEEDED. AN APPROVED LUBRICANT SHALL BE USED TO FACILITATE THE PULLING OF THE CABLE.</p>	<p>ADA NOTES</p> <ol style="list-style-type: none"> 1. THE PROJECT SHALL BE CONSTRUCTED TO MEET CURRENT ADA STANDARD FOR ACCESSIBLE DESIGN. 2. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE FOOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION. 3. 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 CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. 4. CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS 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. 	<p>NOT FOR CONSTRUCTION</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>

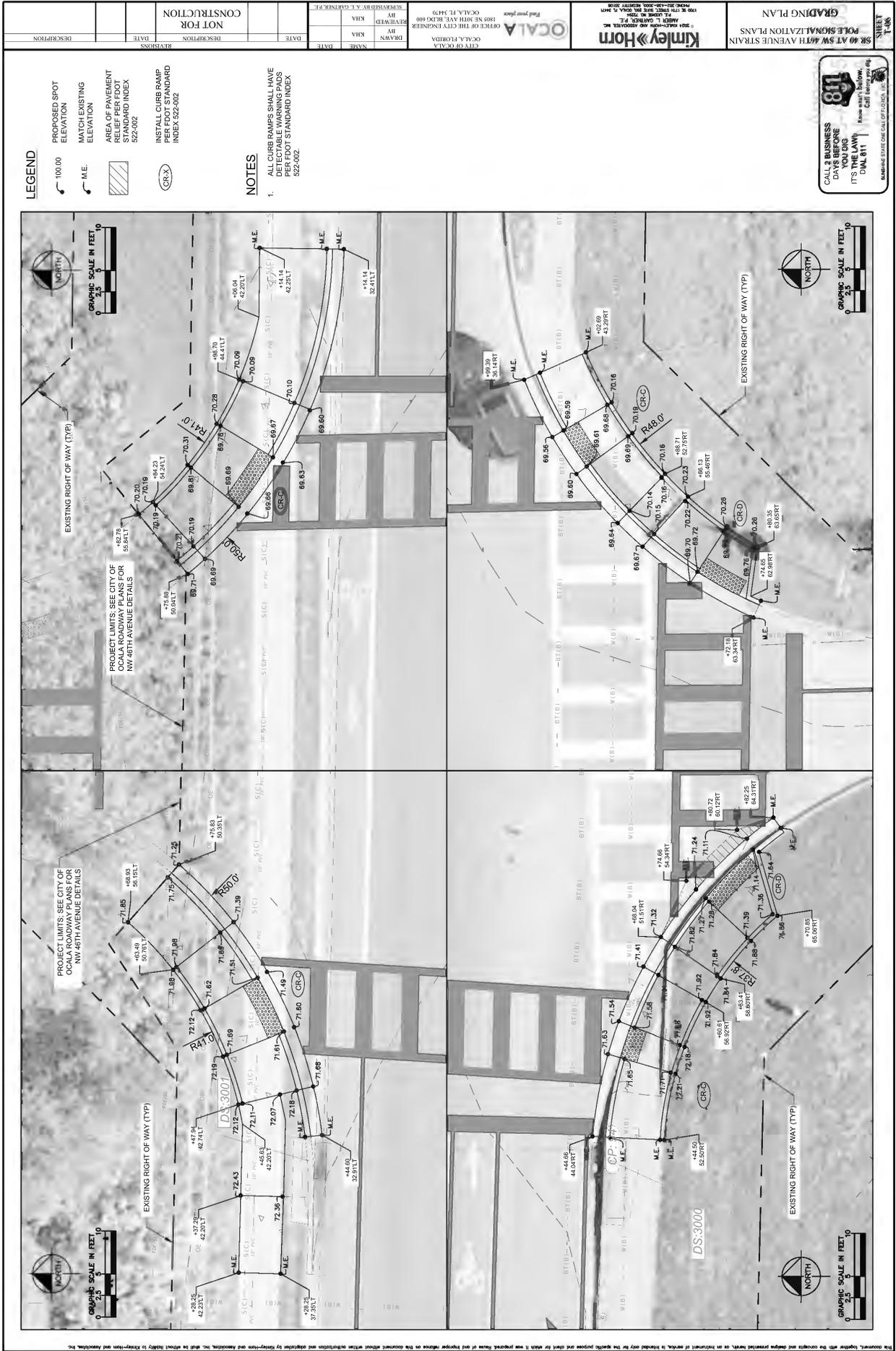
FOOT PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
102-1	MOBILIZATION AND SPECIAL PROVISIONS	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
102-1	AS-BUILT PLANS AND CONSTRUCTION LAYOUT SURVEY	LS	1
520-2-10	CONCRETE CURB & GUTTER, TYPE F	LF	161
52-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK (FOR CURB RAMPS AND SIDEWALK RECONSTRUCTION)	SF	659
52-2	DETECTABLE WARNING	SF	1779
611-2-1	ITSN SURFACE DOCUMENTATION- PROJECT LENGTH	MI	1
611-2-1	ITSN SURFACE DOCUMENTATION- INTERSECTION	EA	155
611-2-1	CONCRETE FURNISH & INSTALL DIRECTIONAL BORE	LF	210
632-2-1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2
633-3-16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	2
633-4-1	FIBER OPTIC CABLE LOCATOR	PI	1
634-4-153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX	PI	1
635-2-11	PULL & SPLICE BOX, FURNISH & INSTALL; 13"x24"	EA	40
635-2-12	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	AS	1
635-2-13	CONCRETE CURB & GUTTER, TYPE F	LF	70
641-1-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11, PRECAST	EA	1
641-2-11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11, PRECAST	EA	1
641-2-18	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11, SERVICE POLE	EA	4
650-1-24	VEHICULAR TRAFFIC SIGNAL, F&I, POLYCARBONATE W/ALUM TOP, 3 SECTION, 1 WAY	AS	8
650-1-26	VEHICULAR TRAFFIC SIGNAL, F&I, POLYCARBONATE W/ALUM TOP, 4 SECTION, 1 WAY	AS	4
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	EA	8
660-1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	13
660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	1
660-2-102	LOOP ASSEMBLY, F&I, TYPE 8	AS	17
660-2-103	LOOP ASSEMBLY, F&I, TYPE 9	AS	13
660-4-122	VEHICLE DETECTION SYSTEM- AM, BUZZER, FURNISH & INSTALL CABINET EQUIPMENT	EA	1
660-9-11	TRAFFIC DATA DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	1
665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL STANDARD	EA	8
670-1-11	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	EA	1
682-1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PREEMPTION, IP, HIGH DEFINITION	EA	1
684-1-1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1
684-1-10	MANAGED FIELD ETHERNET SWITCH, LAYER 3, FURNISH & INSTALL	EA	1
685-1-11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH & INSTALL LINE INTERACTIVE	EA	1
700-1-600	CONCRETE CURB & GUTTER, TYPE F	EA	1
700-1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	2
700-2-104	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30-1-50.05F	AS	2
700-2-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12.5F	EA	4
700-5-21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12.5F	EA	2
700-5-22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, 12-18.5F	EA	2
706-1-3	RAISED PAVEMENT MARKER, TYPE 8	EA	79
710-90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1
711-11-123	THERMOPLASTIC STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	565
711-11-125	THERMOPLASTIC STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	137
711-11-149	THERMOPLASTIC STANDARD, WHITE, BRUCKLUST SYMBOL	GM	0.20
711-11-170	THERMOPLASTIC STANDARD, WHITE, ARROW	EA	10
711-11-224	THERMOPLASTIC STANDARD, YELLOW, SOLID, 38" FOR DIAGONAL	LF	87
711-14-125	THERMOPLASTIC PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	467
711-16-101	THERMOPLASTIC STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.148
711-16-201	THERMOPLASTIC STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.302
711-17-1	THERMOPLASTIC - REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	LS	1

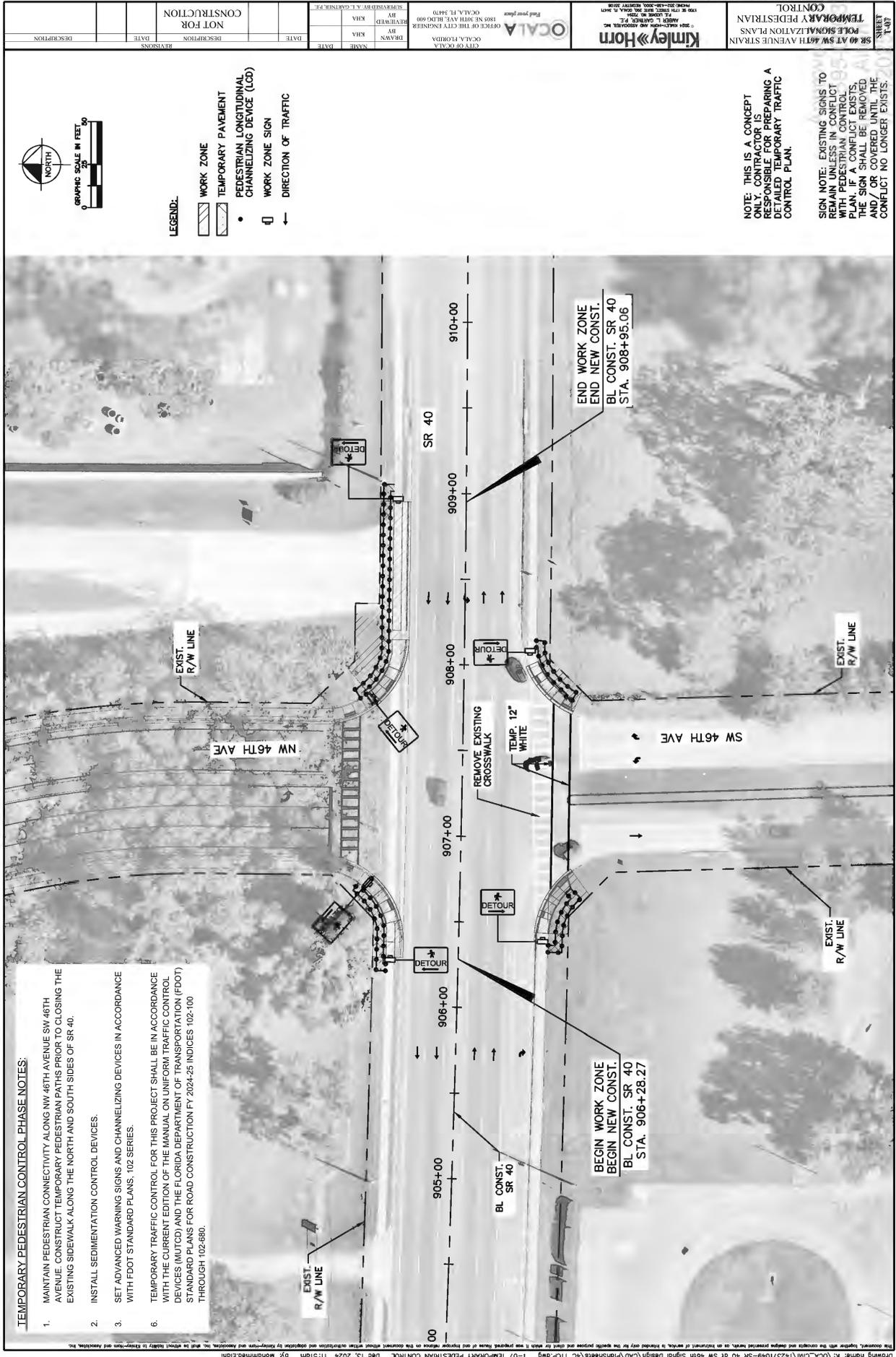
Project name: K:\DCA_CIP\11257103-SR 40 AT SW 46th Street\CD\Projects\23\GENERAL NOTES & QUANTITIES ALT B.dwg T-04 GENERAL NOTES & QUANTITIES Dec 13, 2024 11:53am by: MohamedElshah

Drawn by: MohamedElshah
 Checked by: MohamedElshah
 Date: 11/10/2023
 Project: 2023-A-595-00032
 Title: Approved Permit Package

Approved by: Nicole Al
 Date: 11/10/2023

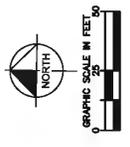
Approved by: Nicole Al
 Date: 11/10/2023





- TEMPORARY PEDESTRIAN CONTROL PHASE NOTES:**
1. MAINTAIN PEDESTRIAN CONNECTIVITY ALONG NW 46TH AVENUE SW 46TH AVENUE. CONSTRUCT TEMPORARY PEDESTRIAN PATHS PRIOR TO CLOSING THE EXISTING SIDEWALK ALONG THE NORTH AND SOUTH SIDES OF SR 40.
 2. INSTALL SEDIMENTATION CONTROL DEVICES.
 3. SET ADVANCED WARNING SIGNS AND CHANNELIZING DEVICES IN ACCORDANCE WITH FDOT STANDARD PLANS, 102 SERIES.
 6. TEMPORARY TRAFFIC CONTROL FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS FOR ROAD CONSTRUCTION FY 2024-25 INDICES 102-100 THROUGH 102-680.

- LEGEND:**
- ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)
 - ◻ WORK ZONE SIGN
 - DIRECTION OF TRAFFIC



NOTE: THIS IS A CONCEPT ONLY. CONTRACTOR IS RESPONSIBLE FOR PREPARING A DETAILED TEMPORARY TRAFFIC CONTROL PLAN.

SIGN NOTE: EXISTING SIGNS TO REMAIN UNLESS IN CONFLICT WITH PEDESTRIAN CONTROL PLAN. IF A CONFLICT EXISTS, THE SIGN SHALL BE REMOVED AND/OR COVERED UNTIL THE CONFLICT NO LONGER EXISTS.

<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	DESCRIPTION				<p>DESIGNED BY: A.L. CANNON, P.E.</p> <p>CHECKED BY: K.M.A.</p> <p>DRAWN BY: K.M.A.</p> <p>DATE: </p>	<p>CITY OF OCALA</p> <p>OFFICE OF THE CITY ENGINEER</p> <p>1805 NW 30TH AVE, ROOM 400</p> <p>OCALA, FL 34703</p>	<p>OCALA</p> <p>1000 N. UNIVERSITY AVENUE, SUITE 200</p> <p>OCALA, FL 34701</p>	<p>Kimley-Horn</p> <p>3000 UNIVERSITY AVENUE, SUITE 200</p> <p>OCALA, FL 34701</p>	<p>SR 40 AT SW 46TH AVENUE STRAIN CONTROL</p> <p>TEMPORARY PEDESTRIAN CONTROLIZATION PLANS</p> <p>POLE SIGN</p>	<p>SHEET</p> <p>1 OF 1</p>
NO.	DATE	DESCRIPTION										

Kimley-Horn
AMERICA'S LEADING CONSULTING ENGINEERS

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TEL: 305.575.1000
WWW.BE&K.COM

DESIGNED BY: A.L. GARDNER, P.E.
REVIEWED BY: KHA
DATE: _____

NOT FOR CONSTRUCTION
DATE: _____
REVISIONS:

SIGNAL OPERATING PLAN 10

CONTROLLER TIMINGS

TIMING FUNCTION	MOVEMENT NUMBER							
	1	2	3	4	5	6	7	8
TURN TYPE	PROT PERM	PROT PERM	PROT PERM	PROT PERM	PROT PERM	PROT PERM	PROT PERM	PROT PERM
	5.0	15.0	5.0	10.0	5.0	15.0	5.0	10.0
EXTENSION	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	30.0	60.0	15.0	30.0	30.0	60.0	15.0	30.0
	5.1	4.4	4.8	5.1	5.1	4.8	4.8	4.8
YELLOW CLEARANCE	2.0	2.0	2.2	2.2	2.0	2.0	2.0	2.2
ALL RED	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
PEDESTRIAN WALK	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
RECALL	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN
DET FUNCTION	LOCK	LOCK	LOCK	LOCK	LOCK	LOCK	LOCK	LOCK

PED POLE DETAILS
N.T.S.

PED SIGN DETAILS
N.T.S.

CALL 2 BUSINESS DAYS BEFORE YOU SIGNATURES IT'S THE LAW! DIAL 811

Remember, follow the law. Call 811 before you dig.

SHIMMER STATE ONE CALL OF FLORIDA, LLC

		CITY OF OCALA OFFICE OF THE CITY ENGINEER 1805 NE 30TH AVE. BLDG. 600 OCALA, FL 34703	REVIEWED BY KHA	DATE
PREPARED BY: A.L. GARDNER, P.E.				

SPAN TABULATION (NOT FOR CONSTRUCTION)

POLE ID	SPAN LENGTH (ft)	BACK PLATES (Y/N)	DISTANCE FROM POLE (D#) / NUMBER OF SECTIONS (S)						SIGN DATA DISTANCE FROM POLE (D#) / HEIGHT (H) / WIDTH (W)													
			D1 (ft)	S	D2 (ft)	S	D3 (ft)	S	D4 (ft)	S	D1 (ft)	H	D2 (ft)	H	D3 (ft)	H	D4 (ft)	H	W			
1	A	126.6	Y	2	3	42.7	3	54.7	4	-	-	-	-	2	3'	5'-6"	3'	2'-6"	2	26.2***	30	24
2	B	115.9	Y	3	3	38.5	3	60.5	4	-	-	-	2	3'	8'-6"	3'	2'-6"	2	23.8***	30	24	
3	C	123.8	Y	4	3	35.4	3	55.4	4	-	-	-	2	3'	5'-6"	3'	2'-6"	2	30.8***	30	24	
4	D	125.6	Y	1	3	42.6	3	53.6	4	-	-	-	2	3'	8'-6"	3'	2'-6"	2	25.5***	30	24	

* INTERNALLY ILLUMINATED SIGN PLACED ON CANTILEVER BRACKET ARM ATTACHED TO POLE
 ** DETECTION CAMERA PLACED ON EXTENSION ARM ATTACHED TO POLE
 *** FUTURE SIGN

REVISIONS

NO.	DATE	DESCRIPTION

SR 40 AT SW 46TH AVENUE STRAIN
 SPAN TABULATION
 2023-A-595
 Nicole A
 11/10/20

NOT FOR CONSTRUCTION

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

SIGNAL ID	BIU NO.	CARD NO.	CHANNEL NO.	DETECTOR ID	DETECTOR ID	DIRECTION	MOVEMENT TYPE	APP. SPEED MPH	PROTECTED PHASE	PERMISSIVE PHASE	OVERLAP	DELAY SEC.	DETECTOR SYSTEM	ZONE SIZE	DISTANCE TO STOPBAR	DETECTOR TYPE	LANE TYPE	REVISIONS		
																		DATE	DESCRIPTION	
0235	1	1	1	XXXX001	L-1A	EB	L	50	1				LOOP	40X6'	0	PD	V			
			2	XXXX002	L-6A	EB	T	50	6					LOOP	40X6'	0	PD	V		
			3	XXXX003	L-6B	EB	T	50	6					LOOP	40X6'	0	PD	V		
			4	XXXX004	L-6C	EB	R	50	BR	10				LOOP	40X6'	0	PD	V		
			5	XXXX005	L-6D	EB	T	50	6					LOOP	6X6'	160	AD	V		
			6	XXXX006	L-6E	EB	T	50	6					LOOP	6X6'	160	AD	V		
			7	XXXX007	L-6F	EB	R	50	BR					LOOP	6X6'	300	AD, QD	V		
			8	XXXX008	L-1B	EB	L	50	1					LOOP	6X6'	356	AD, QD	V		
			9	XXXX009	L-6G	EB	T	50	6					LOOP	6X6'	356	AD	V		
			10	XXXX010	L-6H	EB	T	50	6					LOOP	40X6'	0	PD	V		
			11	XXXX011	L-7A	NB	L	45	7					LOOP	40X6'	0	PD	V		
			12	XXXX012	L-4A	NB	T	45	4					LOOP	40X6'	0	PD	V		
			13	XXXX013	L-4B	NB	T	45	4					LOOP	6X6'	132	AD	V		
			14	XXXX014	L-4C	NB	T	45	4					LOOP	6X6'	132	AD	V		
			15	XXXX015	L-4D	NB	T	45	4					LOOP	6X6'	27.5	AD, QD	V		
			16	XXXX016	L-7B	NB	L	45	7					LOOP	40X6'	0	PD	V		
	17	XXXX017	L-5A	WB	L	50	5					LOOP	40X6'	0	PD	V				
	18	XXXX018	L-2A	WB	T	50	2					LOOP	40X6'	0	PD	V				
	19	XXXX019	L-2B	WB	T	50	2					LOOP	6X6'	160	AD	V				
	20	XXXX020	L-2C	WB	T	50	2					LOOP	6X6'	160	AD	V				
	21	XXXX021	L-2D	WB	T	50	2					LOOP	6X6'	285	AD, QD	V				
	22	XXXX022	L-5B	WB	L	50	5					LOOP	6X6'	356	AD	V				
	23	XXXX023	L-2E	WB	T	50	2					LOOP	6X6'	356	AD	V				
	24	XXXX024	L-2F	WB	T	50	2					LOOP	40X6'	0	PD	V				
	25	XXXX025	L-3A	SB	L	40	3					LOOP	40X6'	0	PD	V				
	26	XXXX026	L-8A	SB	T	40	8					LOOP	40X6'	0	PD	V				
	27	XXXX027	L-8B	SB	T	40	8					LOOP	40X6'	106	AD	V				
	28	XXXX028	L-8C	SB	T	40	8					LOOP	40X6'	106	AD	V				
	29	XXXX029	L-9D	SB	T	40	8					LOOP	6X6'	225	AD, QD	V				
	30	XXXX030	L-9E	SB	T	40	8					LOOP	6X6'	225	AD, QD	V				
	31	XXXX031	SPARE																	
	32	XXXX032	SPARE																	
33	XXXX033	SPARE																		
34	XXXX034	SPARE																		
35	XXXX035	SPARE																		
36	XXXX036	SPARE																		
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61	XXXX061	SPARE																		
62	XXXX062	SPARE																		
63	XXXX063	SPARE																		
64	XXXX064	SPARE																		

LEGEND:
 PD - PRESENCE DETECTION
 AD - ADVANCED DETECTION
 V - VEHICLE
 QD - QUEUE DETECTION
 L - LEFT
 T - THRU
 R - RIGHT

Approved
 2023-A-595-
 Nicole A
 1/10/20

City of Ocala, Florida
 Office of the City Engineer
 1805 NE 30th Ave, Room 400
 Ocala, FL 34703
 (352) 237-1100

Kimley-Horn
 1500 NE 17th Ave, Suite 200
 Ocala, FL 34703
 (352) 237-1100

OCALA
 Find your place

DESIGNED BY: A.L. GARDNER, P.E.
 REVIEWED BY: KHA
 DATE:

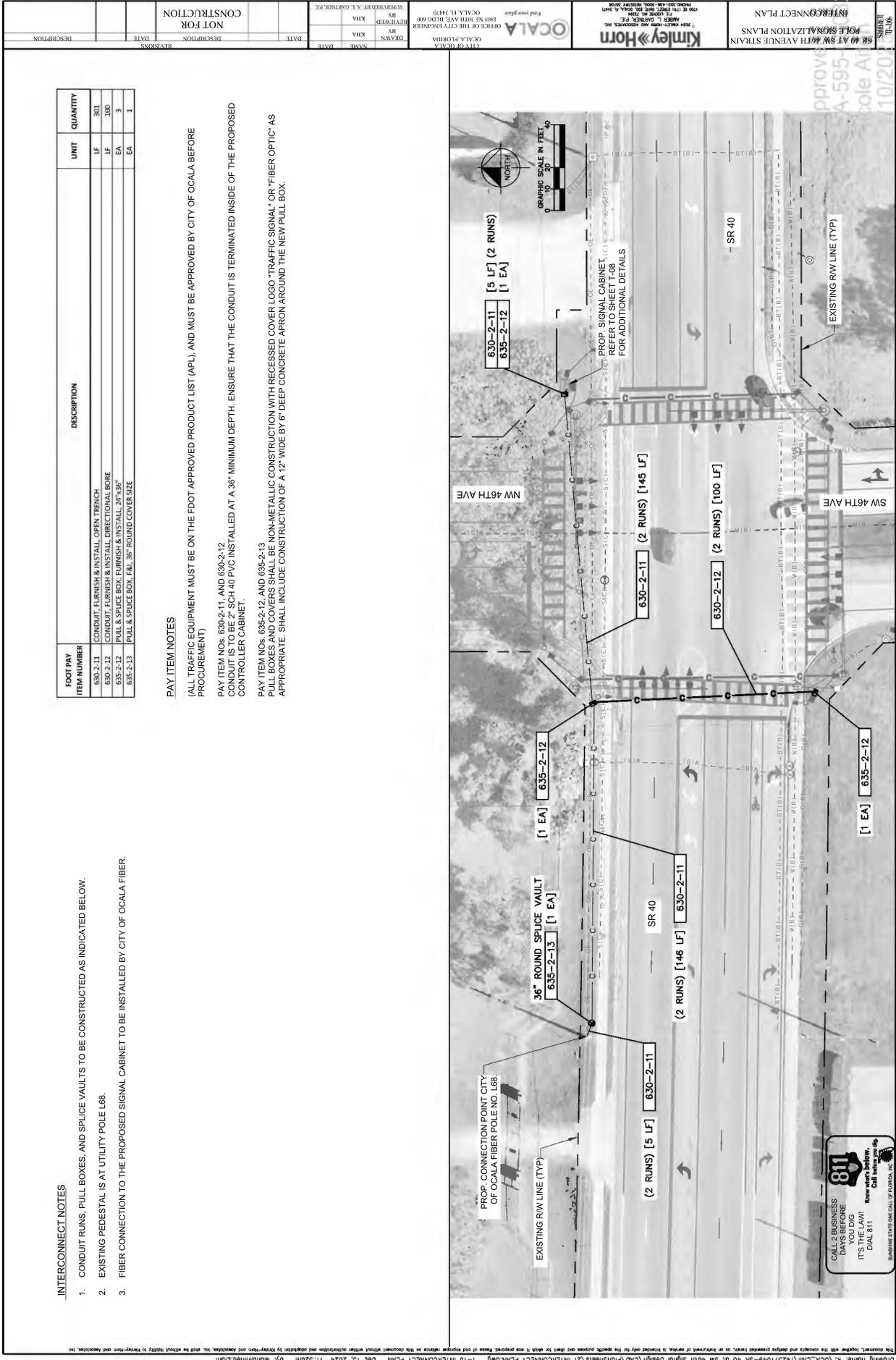
DATE: _____
 DESCRIPTION: _____
 REVISIONS: _____

SR 40 AT SW 46TH AVENUE STRAIN
 POLE SIGNALIZATION PLANS
 DETECTOR CHART

SHEET
 T-13

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

<p>SR 40 AT SW 46TH AVENUE STRAIN TRAFFIC SIGNALIZATION PLANS EQUIPMENT WORKSHEETS</p> <p>Kimley-Horn 1700 N.W. 22nd Street, Suite 200 Fort Lauderdale, FL 33309 Phone: 954.344.1111 www.kimley-horn.com</p> <p>OCALA, FL 34703 OCALA, FL 34703 1800 N.W. 80TH AVE. BLDG 000 OCALA, FL 34703</p> <p>DESIGNED BY: A.L. CARMICHAEL REVIEWED BY: KHA DATE: _____</p> <p>NOT FOR CONSTRUCTION</p> <p>REVISIONS</p>	<p>SR 40</p>  <p>9'-0" x 8'-0"</p> <p>9'-0" x 8'-0"</p>	<p>SR 40</p>  <p>9'-0" x 8'-0"</p> <p>9'-0" x 8'-0"</p>	<p>SW 46th Ave</p>  <p>9'-0" x 8'-0"</p> <p>9'-0" x 8'-0"</p>	<p>SW 46th Ave</p>  <p>9'-0" x 8'-0"</p> <p>9'-0" x 8'-0"</p>	<p>SW 46th Ave</p>  <p>9'-0" x 8'-0"</p> <p>9'-0" x 8'-0"</p>	<p>SW 46th Ave</p>  <p>9'-0" x 8'-0"</p> <p>9'-0" x 8'-0"</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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INTERCONNECT NOTES

1. CONDUIT RUNS, PULL BOXES, AND SPLICE VAULTS TO BE CONSTRUCTED AS INDICATED BELOW.
2. EXISTING PEDESTAL IS AT UTILITY POLE L68.
3. FIBER CONNECTION TO THE PROPOSED SIGNAL CABINET TO BE INSTALLED BY CITY OF OCALA FIBER.

FDOT PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
630-2-11	CONDUIT FURNISH & INSTALL OPEN TRENCH	LF	301
630-2-12	CONDUIT FURNISH & INSTALL DIRECTIONAL BORE	LF	100
635-2-12	PULL & SPLICE BOX, FURNISH & INSTALL, 24"x36"	EA	3
635-2-13	PULL & SPLICE BOX, FMI, 36" ROUND COVER SIZE	EA	1

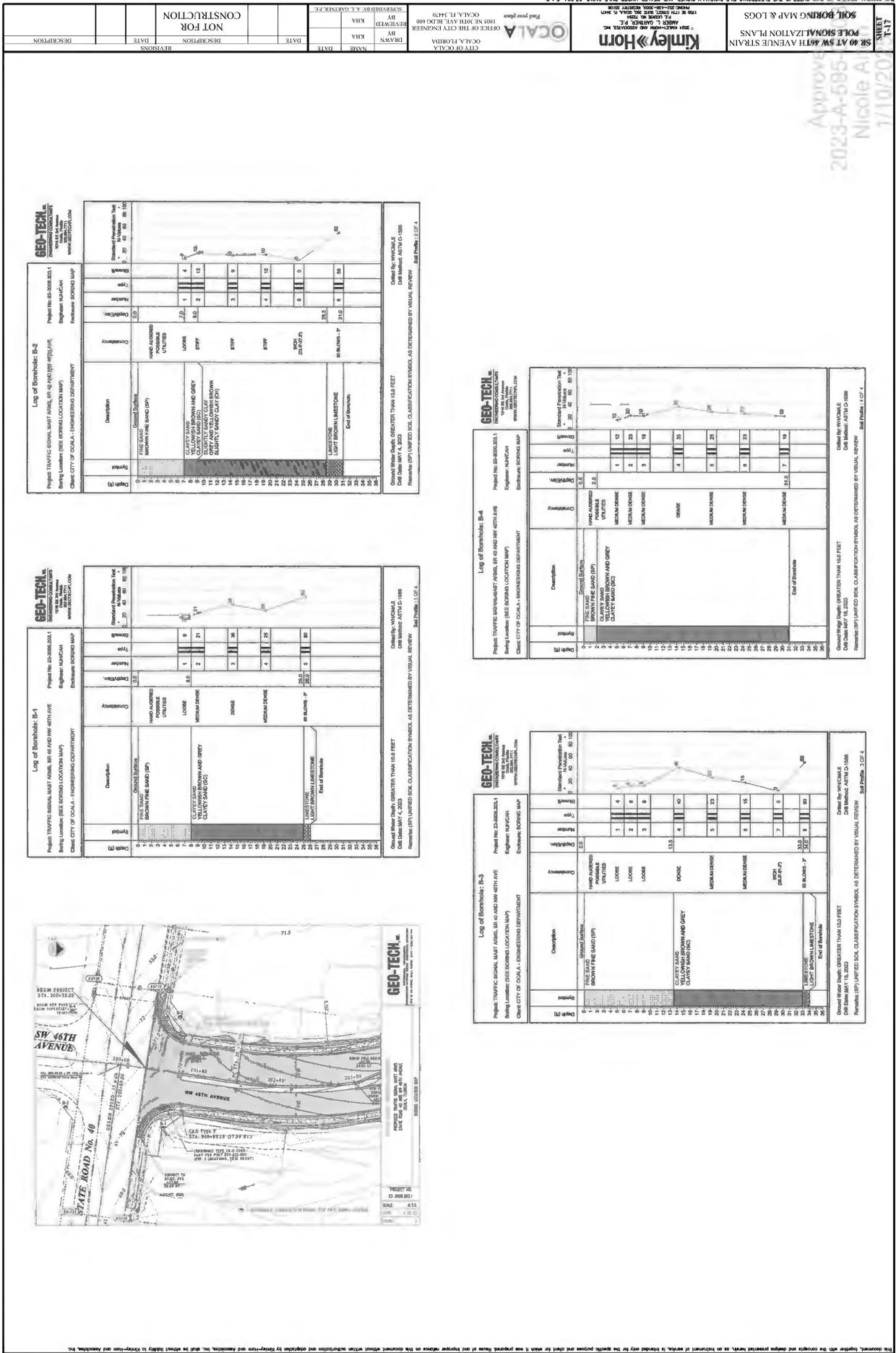
PAY ITEM NOTES

(ALL TRAFFIC EQUIPMENT MUST BE ON THE FDOT APPROVED PRODUCT LIST (APL), AND MUST BE APPROVED BY CITY OF OCALA BEFORE PROCUREMENT)

PAY ITEM NOS: 630-2-11, AND 630-2-12
CONDUIT IS TO BE 2" SCH 40 PVC INSTALLED AT A 36" MINIMUM DEPTH. ENSURE THAT THE CONDUIT IS TERMINATED INSIDE OF THE PROPOSED CONTROLLER CABINET.

PAY ITEM NOS: 635-2-12, AND 635-2-13
PULL BOXES AND COVERS SHALL BE NON-METALLIC CONSTRUCTION WITH RECESSED COVER LOGO, "TRAFFIC SIGNAL" OR "FIBER OPTIC" AS APPROPRIATE. SHALL INCLUDE CONSTRUCTION OF A 12" WIDE BY 6" DEEP CONCRETE APRON AROUND THE NEW PULL BOX.

Drawing name: K:\OCA\CAD\12371049-SR 40 at SW 46th Signal Design\CAD\PrintSheet\21 INTERCONNECT PLAN.dwg T-18 INTERCONNECT PLAN.dwg Dec 13, 2024 11:52am BY: Mkhormed Elsh1



ROADWAY LIGHTING GENERAL NOTES

1. SEE ROADWAY PLANS FOR UTILITY ADJUSTMENT SHEETS.
2. THE LOCATION(S) OF THE UTILITY SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
3. STAKE ALL POLE LOCATIONS AND REQUEST UTILITY COMPANIES TO LOCATE AND STAKE UNDERGROUND UTILITIES PRIOR TO EXCAVATING.
4. CONTRACTOR IS TO VERIFY THAT OVERHEAD UTILITY RELOCATIONS AND OPERATIONS ARE COMPLETE PRIOR TO THE INSTALLATION OF POLES IN AREAS WHERE OVERHEAD CONDUCTORS WOULD OTHERWISE BE IN CONFLICT WITH OSHA CLEARANCE REQUIREMENTS.
5. SUBMIT SHOP DRAWINGS WITH SIGNED AND SEALED STRUCTURAL CALCULATIONS MEETING FDOT REQUIREMENTS FOR ALL LIGHT POLES.
6. ALL LUMINAIRES TO BE ORIENTED PERPENDICULAR TO NEAREST EDGE OF PAVEMENT SIGNIFIED BY PLAN ORIENTATION.
7. SEE FDOT FY 2024-25 STANDARD PLAN INDEX 715-003 FOR UTILITY CONFLICT LIGHT POLE.

PROPOSED LOAD CENTER A
 120/240V, SINGLE PHASE, 3 WIRE + GROUND
 STA. 908+15.00, 61.25 LT. (Ø SURVEY SR 40)

LOAD CENTER DESIGNATION	MAIN & CIRCUIT BREAKER SIZES	# OF BRANCH CIRCUITS	TOTAL DEMAND LOAD (AMPS)	TOTAL DESIGN LOAD (AMPS)	# SERVICE ENTRANCE CONDUCTORS & CONDUIT AND BRANCH CIRCUIT SIZE
A	100 A, 2P	1	11.4	14.2	# 4 AWG
A-1	40 A, 1P		11.4	14.2	# 6 AWG

REVISIONS

NO.	DATE	DESCRIPTION

CITY OF OCALA
 OFFICE OF THE CITY ENGINEER
 1835 WEST WINDY BLOSSOM
 OCALA, FL 34470

APPROVED BY:
 KEVIN
 DATE: _____

DRAWN BY:
 KEVIN
 DATE: _____

Kimley-Horn
 25 YEARS OF SERVICE
 25 YEARS OF EXCELLENCE
 25 YEARS OF INNOVATION
 25 YEARS OF INTEGRITY
 25 YEARS OF PASSION

SR 40 AT SW 46TH AVENUE STRAIGHT LIGHTING NOTES AND SERVICE POINT DETAILS
 APPROVED BY: Nicole
 DATE: 2023-A-595-00032

POLE DATA

POLE NO.	CIRCUIT	STATION	POLE OFFSET	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	IES FILE	POLE SETBACK*	PAY ITEM
01	A-1	905+72.00	55.25 LT.	136	40'	10'	RFL-135W80LED4K-G2-R35	9.0'	715-61-321
02	A-1	906+70.25	67.75 RT.	136	35'	16'	RFL-135W80LED4K-G2-R35	13.5'	715-65-266
03	A-1	906+71.00	74.75 RT.	243	40'	10'	RFL-241W112LED4K-G2-R35	15.3'	715-61-321
04	A-1	907+74.00	123.25 LT.	243	40'	10'	RFL-241W112LED4K-G2-R35	9.2'	715-61-321
05	A-1	907+77.50	115.00 RT.	243	40'	10'	RFL-135W80LED4K-G2-R35	7.1'	715-61-321
06	A-1	907+80.75	73.00 LT.	136	40'	10'	RFL-135W80LED4K-G2-R35	24.9'	715-61-321
07	A-1	907+82.50	55.50 RT.	136	40'	10'	RFL-135W80LED4K-G2-R35	11.7'	715-61-321

LEGEND

MANUFACTURER:
LUMEC BY SIGNIFY:
RFL-135W80LED4K-G2-R35-UNV-DMG-RC-D7-SP2-BK
RFL-241W112LED4K-G2-R35-UNV-DMG-RC-D7-SP2-BK
WAS USED AS THE BASIS OF DESIGN, WIRED FOR 120V OPERATION.
SEE POLE DATA TABLE FOR WATTAGE, MOUNTING HEIGHT, ARM LENGTH, AND FULL IES DESIGNATION. NEW LIGHT POLE AND LUMINAIRE.

REMOVE EXIST. BRACKET ARM AND LUMINAIRE

MANUFACTURER:
LUMEC BY SIGNIFY:
RFL-135W80LED4K-G2-R35-UNV-DMG-RC-D7-SP2-BK
WAS USED AS THE BASIS OF DESIGN, WIRED FOR 120V OPERATION.
SEE POLE DATA TABLE FOR WATTAGE, MOUNTING HEIGHT, ARM LENGTH, AND FULL IES DESIGNATION. NEW UTILITY CONFLICT LIGHT POLE AND LUMINAIRE.

MANUFACTURER:
LUMEC BY SIGNIFY:
RFL-135W80LED4K-G2-R35-UNV-DMG-RC-D7-SP2-BK
WAS USED AS THE BASIS OF DESIGN, WIRED FOR VOLTAGE PRESCRIBED BY THE POLE DATA TABLE. SEE POLE DATA TABLE FOR WATTAGE, MOUNTING HEIGHT, AND TO BRACKET ARM PROCURED AND INSTALLED BY OCALA ELECTRIC

PROPOSED LOAD CENTER

PROPOSED LOCATION OF 13" X 24" LIGHTING PULL BOX

2" DIRECT BURIED CONDUIT

2" DIRECTIONAL DRILLED CONDUIT

NEW OR RECONSTRUCTION SIGNALIZED INTERSECTION

LIGHTING DESIGN CRITERIA

AVERAGE INITIAL INTENSITY: 3.0 H.F.C. (1.5 MIN.) / 1.5 V.F.C. (1.2 MIN.)

UNIFORMITY RATIO AVG. / MIN.: 4 : 1 OR LESS**

UNIFORMITY RATIO MAX. / MIN.: 10 : 1 OR LESS**

DESIGN WIND SPEED: 140 MPH

**ILLUMINATION UNIFORMITY RATIOS DO NOT APPLY TO V.F.C.

NOT FOR CONSTRUCTION

REVISIONS

DATE	DESCRIPTION

OCALA ELECTRIC
1000 N. 15TH AVE. SUITE 200
OCALA, FL 32909
Tel: 352.237.1111
www.ocalaelectric.com

CITY OF OCALA
OFFICE OF THE CITY ENGINEER
1000 N. 15TH AVE. SUITE 200
OCALA, FL 32909
Tel: 352.237.1111
www.ocalafl.gov

Kimley-Horn
1000 N. 15TH AVE. SUITE 200
OCALA, FL 32909
Tel: 352.237.1111
www.kimley-horn.com

SR 40 AT SW 46TH AVENUE STRAIGHT
POLE SIGNALIZATION PLANS
LIGHTING POLE DATA
AND LEGEND
1/10/2023

Approved
2023-A-595-00032
Nicole

THE ORIGINAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61B15-23.004, F.A.C.



CITY OF OCALA
CITY ENGINEER'S OFFICE
SURVEY DIVISION

TRANSPORTATION
ENGINEERING DIVISION
ALIGNMENT & RW GEOMETRY SHEET

REVISIONS

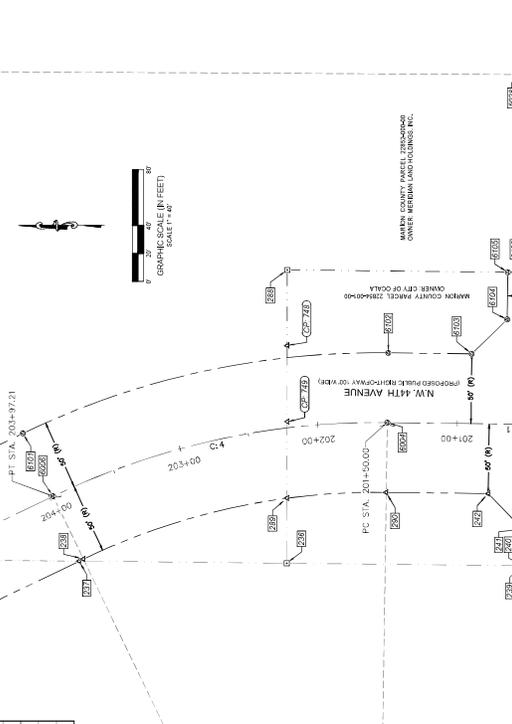
NO.	DATE & DESCRIPTION	BY	CHKD
1	02/21/18	ADD SANITARY TIE CONNECTION TO HIGHWAY	RS/6/44
2	03/11/18	ADD SANITARY TIE CONNECTION TO HIGHWAY	RS/6/44
3	03/11/18	ADD SANITARY TIE CONNECTION TO HIGHWAY	RS/6/44

SECTION: 15
PROJECT: 15000000
DATE: 03/11/2018
DRAWN: RSK
CHECKED: RSK
DATE: 03/11/2018
FIELD BOOK: 49
REVISIONS: 3
THE NUMBER: 25030303
SHEET: 02 OF 02

TOPOGRAPHIC SURVEY
FOR SIGNALIZATION DESIGN AT WEST HIGHWAY 40 & PROPOSED NW 44TH AVENUE

CENTERLINE & RIGHT-OF-WAY POINTS

POINT	NORTHINGS	EASTINGS	DESCRIPTION
6000	1764132.590	932927.796	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6001	1761299.255	933398.447	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6002	1764110.252	933308.444	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6003	1764113.901	933357.748	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6004	1764022.516	933359.281	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6005	1764270.393	932526.359	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6006	1764051.768	933036.498	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6007	1762797.456	933296.270	CENTERLINE OF RIGHT-OF-WAY THEORETICAL POINT [NOT MONUMENTED]
6100	1764182.526	932530.329	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6101	1764523.473	933051.541	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6102	1764261.777	933109.273	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6103	1764201.976	933108.958	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6104	1764176.572	933133.168	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6105	1764176.082	933167.042	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6106	1764182.082	933166.893	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]
6107	1764062.543	933134.281	RIGHT-OF-WAY LINE THEORETICAL POINT [NOT MONUMENTED]

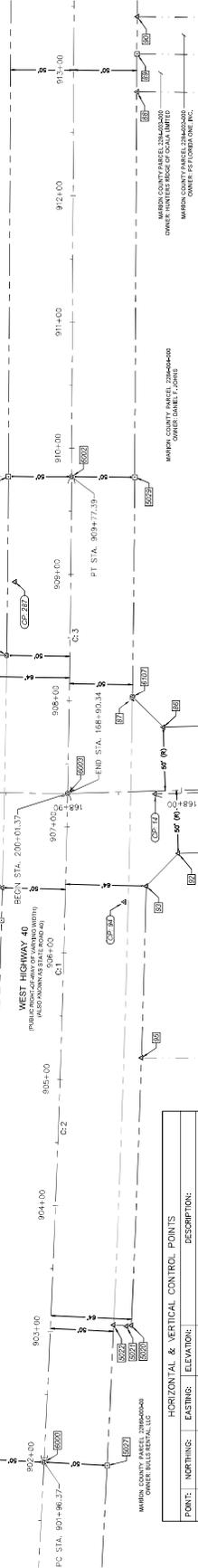


CENTERLINE CURVE TABLE (PER SURVEY)

CURVE TAG	RADIUS	CENTRAL ANGLE	LENGTH	CHORD BEARING
C-1	17188.74	002°30'12"	761.02'	780.95' S 89°23'31" E
C-2	17188.74	001°40'01"	550.05'	530.03' S 87°58'46" E
C-3	17188.74	000°50'12"	250.97'	250.96' S 89°46'52" E
C-4	532.88'	004°34'33"	247.22'	245.00' N 122°01'28" W

CENTERLINE TABLE (PER SURVEY)

LINE TAG	BEARING	DISTANCE
L-1	180°04'14"E	148.83'
L-2	301°41'37"E	137.62'



HORIZONTAL & VERTICAL CONTROL POINTS

POINT	NORTHINGS	EASTINGS	ELEVATION	DESCRIPTION
14	1764044.513	933087.149	70.42	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)
36	1762768.134	933095.686	72.01	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)
94	1764069.038	932971.443	72.30	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)
204	176457.748	932873.961	73.76	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)
287	1764155.647	933235.244	68.69	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)
748	1764334.070	933114.478	68.33	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)
749	1764334.028	933059.950	69.50	5/8" IRON ROD WITH CAP STAMPED: CITY OF OCALA CONTROL POINT (COOP)

SUPPLEMENTAL MONUMENTS

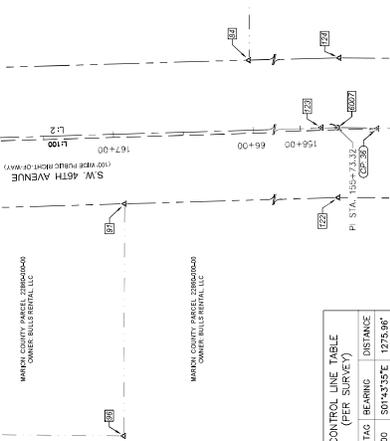
POINT	NORTHINGS	EASTINGS	DESCRIPTION
84	1763826.634	933116.150	5/8" IRON ROD WITH CAP STAMPED: RLS 2833
86	1764036.044	933102.006	5/8" IRON ROD WITH CAP STAMPED: RLS 2833
87	1764062.688	933132.606	3/4" IRON ROD [NO IDENTIFICATION]
88	1764058.761	932813.386	1/2" IRON ROD WITH CAP STAMPED: RLS 5091
89	1764058.812	932843.386	4" X 4" CONCRETE MONUMENT WITH DISK STAMPED: RLS 1918

SUPPLEMENTAL MONUMENTS

POINT	NORTHINGS	EASTINGS	DESCRIPTION
240	1764166.319	932957.050	4" X 4" CONCRETE MONUMENT WITH DISK STAMPED: PLS 248 CHAMBERS
241	1764165.643	932982.883	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
242	1764100.153	933008.409	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
288	1764334.106	933168.719	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
289	1764334.246	933005.176	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
290	1764063.255	933009.286	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
5020	1764063.490	932836.056	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
5021	1764067.249	932836.996	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
5022	1764077.437	932836.168	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
5028	1764183.752	932506.176	1/2" IRON ROD [NO IDENTIFICATION]
5027	1764062.654	932525.263	BASE OF BROKEN 4" X 4" CONCRETE MONUMENT [NO IDENTIFICATION]
5028	1764165.742	933008.644	4" X 4" CONCRETE MONUMENT [NO IDENTIFICATION]
5029	1764060.762	933008.238	4" X 4" CONCRETE MONUMENT [NO IDENTIFICATION]

SUPPLEMENTAL MONUMENTS

POINT	NORTHINGS	EASTINGS	DESCRIPTION
91	1763915.686	933013.231	1/2" IRON ROD WITH CAP STAMPED: LB 5091
92	1764026.142	933039.978	1/2" IRON ROD WITH CAP STAMPED: LB 5091
93	1764051.995	932984.465	1/2" IRON ROD WITH CAP STAMPED: LB 5091
95	1764065.354	932848.132	1/2" IRON ROD WITH CAP STAMPED: LB 5091
96	1763916.273	932846.324	1/2" IRON ROD WITH CAP STAMPED: LB 5091
122	1762797.640	933046.130	5/8" IRON ROD WITH CAP STAMPED: LB 5091
123	1762809.140	933046.130	5/8" IRON ROD WITH CAP STAMPED: LB 5091
124	1762796.250	93146.130	5/8" IRON ROD WITH CAP STAMPED: PSM 2833
227	1764482.746	932566.189	1/2" IRON ROD [NO IDENTIFICATION]
236	1764334.516	932988.487	4" X 4" CONCRETE MONUMENT WITH DISK [LUCIBLE]
237	1764334.171	932988.976	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
238	1764480.942	932988.485	5/8" IRON ROD WITH CAP STAMPED: PLS INC LF2389
239	1764166.259	932956.701	5/8" IRON ROD WITH CAP STAMPED: LB 5091



SUPPLEMENTAL MONUMENTS

POINT	NORTHINGS	EASTINGS	DESCRIPTION
84	1763826.634	933116.150	5/8" IRON ROD WITH CAP STAMPED: RLS 2833
86	1764036.044	933102.006	5/8" IRON ROD WITH CAP STAMPED: RLS 2833
87	1764062.688	933132.606	3/4" IRON ROD [NO IDENTIFICATION]
88	1764058.761	932813.386	1/2" IRON ROD WITH CAP STAMPED: RLS 5091
89	1764058.812	932843.386	4" X 4" CONCRETE MONUMENT WITH DISK STAMPED: RLS 1918

CONTROL LINE TABLE (PER SURVEY)

LINE TAG	BEARING	DISTANCE
L-100	301°42'32"E	1275.86'

SEE SHEET 1 FOR NOTES, LEGEND, TOPOGRAPHIC FEATURES & SURFACE DATA, AND STRUCTURE TABLES

SUMMARY OF ROADWAY			SUMMARY OF TRAFFIC CONTROL		
ITEM NUMBER	ITEM DESCRIPTION	UNIT QUANTITY	ITEM NUMBER	ITEM DESCRIPTION	UNIT QUANTITY
G-01	Mobilization	LS 1	G-34-1	Object Marker, Type 1	EA 1
G-03	Project Sign	EA 2	G-89-111	Single Post Sign, F & I, Less than 12 Sq. ft.	AS 8
G-05	Maintenance of Traffic	LS 1	G-91	Raised Retro-Reflective Pavement Marker w/ Adhesive	EA 111
G-06	Silt Fence & Sediment Control	LF 122	G-93-121	Temporary Traffic Stripes and Markings, Standard, White, Solid, 6" Stripe	LF 1,915
FD07-104-18	Inlet Protection System	EA 6	G-93-131	Temporary Solid 6" Skip Stripe 10' x 30' White (Gross)	LF 372
G-09	Clearing and Grubbing - Light	SY 2,103.00	G-93-141	Temporary Solid 6" Skip Stripe 2' x 4' White (Gross)	LF 300
G-11	General Excavation	CY 1,043.15	G-93-221	Temporary Traffic Stripes and Markings, Standard, Yellow, Solid, 6" Stripe	LF 1,421
G-15	Graing (Finish)	SY 782.97	G-93-224	Temporary Traffic Stripes and Markings, Standard, Yellow, Solid, 18" Stripe	LF 138
G-17	Remove & Replace Unsuitable Material	CY 260.79	G-93-4	Temporary Traffic Stripes and Markings, Standard, White, Solid, 24" Stripe	LF 158
G-18	Stabilized Subgrade & Sub-base	SY 2,423.83	G-93-6	Temporary Traffic Stripes and Markings, Standard, White, Solid, 12" Stripe	LF 167
G-19	Limerock 10" Base	SY 2,055.16	G-94-1-121	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 6" Stripe	LF 1,915
G-21	Removal of Existing Concrete Sidewalks and Driveways	SY 102.00	G-94-1-131	Thermoplastic Solid 6" Skip Stripe 10' x 30' White (Gross)	LF 372
G-22	Removal of Existing Concrete Curb & Gutter	LF 185.50	G-94-1-141	Thermoplastic Solid 6" Skip Stripe 2' x 4' White (Gross)	LF 300
G-27-2	Mill Existing Asphalt Pavement at 1" Depth	SY 1,280.32	G-94-1-221	Thermoplastic Traffic Stripes and Markings, Standard, Yellow, Solid, 6" Stripe	LF 1,421
G-27-4	Mill Existing Asphalt Pavement at 1.5" Depth	SY 2,623.82	G-94-1-224	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 18" Stripe	LF 138
G-32-1	SP 9.5 Asphalt Superpave	TN 399.91	G-94-4	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 12" Stripe	LF 167
G-32-2	SP 12.5 Asphalt Superpave	TN 339.10	G-94-6	Thermoplastic Traffic Stripes and Markings, Standard, White, Solid, 24" Stripe	LF 158
G-52	Construction Survey	LS 1	G-95-16	Thermoplastic Pavement Message	EW 2
G-53	As-Built Drawings: Survey, Roadway, & Utilities	LS 1	G-95-17	Thermoplastic Pavement Arrow	EA 15
G-56-E-2	Concrete Curb and Gutter, Type E	LF 588	G-96-16	Temporary Pavement Message	EW 2
G-80	Sod, Bahia	SY 522.00	G-96-17	Temporary Pavement Arrow	EA 15
FD07-520- 5-42	6' Type IV Concrete Traffic Separator	LF 284			

SUMMARY OF POTABLE WATER		
ITEM NUMBER	ITEM DESCRIPTION	UNIT QUANTITY
W-01	12" PVC WATER MAIN	LF 51
W-03	DIP INJ FITTINGS 12"	EA 4
W-15	12" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA 1
W-19	DIRECTIONAL BORE 12"	LF 216

SUMMARY OF POTABLE WATER		
ITEM NUMBER	ITEM DESCRIPTION	UNIT QUANTITY
W-01	12" PVC WATER MAIN	LF 51
W-03	DIP INJ FITTINGS 12"	EA 4
W-15	12" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA 1
W-19	DIRECTIONAL BORE 12"	LF 216

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
12/18/24	Revised 2-4" Quantities			
1/6/25	Revised Quantities (6" Sol. White, 6" Sol. Yellow, 6" Sol. Red, 6" Sol. Blue)			
2/12/25	Revised Quantities (SUMMARY OF POTABLE WATER)			
2/27/25	Revised Quantities (12" PVC WATER MAIN)			

NOEL JOHN COOPER, P.E.
 P. E. LICENSE NO. 093574
 STATE OF FLORIDA, DATED: / /
 VALID ONLY WITH EMBOSSED SEAL

PREPARED BY: **OCCALA** City Engineer's Office

PROJECT NAME: SW 46TH AVE AT SR 40 PAVEMENT - E.X.P.
 PROJECT NO.: 24111

SUMMARY OF PAY ITEMS

SHEET NO. 6