

SPECIFICATIONS AND CONTRACT DOCUMENTS

FOR THE

ROAD RESURFACING, REPAIR, AND ASPHALT PAVING

FOR THE

PEACH COUNTY BOARD OF COMMISSIONERS

February 2022

Project No. PCO 057 & PCO 059



5223 Riverside Drive | Suite 101 | Macon, Georgia 31210
Phone 478.476.0700 | Fax 478.476.0776

Table of Contents

CONTRACT DOCUMENTS

DIVISION 00 - GENERAL REQUIREMENTS

00020	Advertisement for Bids
00100	Instructions to Bidders
00300	Bid
00410	Bid Bond
00500	Contract Agreement
00610	Performance Bond
00620	Payment Bond
00630	Certification of Owners Attorney
00650	Notice of Award
00660	Notice to Proceed
00670	Change Order
00700	Standard General Conditions
00800	Supplementary Conditions
00950	Peach County Contract Conditions (Bid Forms)

DIVISION 01 - GENERAL REQUIREMENTS

01200	Measurement & Payment
01720	Project Record Documents

DIVISION 02 - SITE CONSTRUCTION

32 17 23	Parking Lot Painting & Markings
----------	---------------------------------

PROJECT LOCATION MAP

PLAN EXHIBITS

Powersville Road
Lakeview Road
Clopine Lake Road
Preston Road
Taylors Mill Road (north)
Taylors Mill Road (south)
Kewanee Drive
E Seminole Drive
W Seminole Drive
Rum Road
Old Oak Road
Old Hickory Road

PLAN EXHIBITS (con't)

Red Oak Road
Woolfolk Road
Knoxville Street
Willow Lake Road
Camp John Hope Road
Norwood Springs Road
Industrial S Park Road
Buckeye Road
Lane Road
Mathews Road
North Peach Park Parking Lot
Miscellaneous Details

The Peach County Board of Commissioners will be accepting Sealed Bids pertaining to the Road Resurfacing, Repair, and Asphalt Paving - 2022 in Peach County, GA.

Closing date for Sealed Bids responding to Request for Bid (RFB) No. 22-004 shall be April 22, 2022 @ 2:00 PM at the Peach County Board of Commissioner's Office, 213 Persons Street, Fort Valley, GA 31030. Bids will be opened in public without discussion. Bid amounts will not be released until the Board of Commissioners has awarded the project to the winning contractor.

A Pre-bid meeting will be held April 12, 2022 @ 2:00 PM at the Peach County Board of Commissioner's Office, 213 Persons Street, Fort Valley, GA 31030. Attendance at the pre-bid meeting is not required to submit a bid but is highly recommended.

The proposed work will be funded by a combination of LMIG, TSPLOST, and local funding. The project consists of road removal and reconstruction, asphalt overlay, and associated tasks along twenty-two (22) roads and the repair and striping at one (1) parking lot at North Peach Park. The total length of all roads is approximately 35.4 miles. All work will be awarded in one (1) contract. All work shall be accomplished in accordance with current GDOT standards and specifications.

The complete RFB package will be available by visiting the Peach County website at <https://www.peachcounty.net/purchasing.cfm> and clicking on the link "View Bid Opportunities". Questions should be directed in writing via email to Kent McCormick at (478) 476-0700, kmccormick@tpointeng.com no later than April 15, 2022, at 5:00 PM.

All bids must be accompanied by a Bid Bond in an amount not less than five percent (5%) of the Base Bid. Performance Bond and Payment Bond, each in the amount of one hundred percent (100%) of the contract amount, will be required of the successful bidder. Bonds must be written by an acceptable Surety Company licensed to do business in the State of Georgia and listed with the Department of the Treasury.

Peach County reserves the right to reject all bids, to waive informalities, to re-advertise and/or to award any bid that is in the best interest of Peach County.

Mail or deliver Sealed Bids to:
Michaela Jones
Peach County Board of Commissioners
ATTN: RFB # 22-004
213 Persons Street
Fort Valley, GA 31030

1. Defined Terms: Terms used in these Instructions to Bidders which are defined in the General Conditions of the Construction Contract have the meanings assigned to them in the General Conditions. The Term “Bidder” means one who submits a Bid directly to Owner, as distinct from a sub-bidder, who submits a bid to a Bidder. The term “Successful Bidder” means the lowest, qualified, responsible and responsive Bidder to whom Owner (on the basis of Owner’s evaluation as hereinafter provided) makes an award. The term “Bidding Documents” includes the Advertisement for Bids, Instruction to Bidders, the Proposal and the proposed Contract Documents (including all Addenda issued prior to receipt of Bids).

2. Copies of Bidding Documents
 - 2.1 Complete sets of the Bidding Documents in the number and for the sum, if any, stated in the Advertisement for Bids may be obtained from Engineer.

 - 2.2 Complete sets of Bidding Documents must be used in preparing Bids; neither Owner nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

 - 2.3 In making copies of Bidding Documents available on the above items, the Owner and Engineer do so only for the purpose of obtaining Bids on the work and do not confer a license or grant for any other use.

3. Qualifications of Bidders
 - 3.1 To demonstrate qualifications to perform the work, each Bidder must submit with the Bid the following information:
 - a. Financial and corporate:
 - Year-End Financial Statement Certified by CPA
 - Documentation of Bankruptcy within last 7 years
 - If name of firm has changed in the last five years, provide an explanation.
 - List of construction equipment available for use on the project

 - b. Safety:
 - Documentation of EMR – less than 1.0 preferred
 - OSHA 300 Log

 - c. Experience:
 - Project information from at least three comparable (construction cost, scope of work) projects over the last five years. Provide Owner’s name and contact information, description of project (including scope of work and contract amount), and Engineer’s name and contact information.
 - Litigation history for the last 7 years

- List of Current Projects, including Owner’s name and contact information, description of project, and Engineer’s name and contact information.
 - Qualifications of project manager, superintendent, and subcontractors who will be involved with the project.
- d. References: Provide a list of at least three current professional references for whom comparable work has been performed. This list shall include company name, person to contact, address, and telephone number.
- e. Schedule: Provide a critical path schedule that lists each task to be completed and the length of time to complete each task, and the length of time to complete the entire project.

If, based on the documentation submitted with the Bid, the Bidder does not demonstrate adequate qualifications, the Owner may disqualify the Bidder.

3.2 ~~Bidders must be General Contractors in the State of Georgia with a Utility Contractor license. The license number must be placed on the exterior of the sealed envelope and on the bid documents. A sealed envelope without license numbers will not be opened.~~ Bidders must be listed on the current Georgia Department of Transportation Pre-Qualified Contractors list.

3.3. Required Submittal Documentation: Submit the following completed (Signed, Dated, and Notarized) documents with the bid. Bids not containing the following completed documents may be considered “non-responsive” and may be rejected from consideration. Forms are located in Section 00950 – Peach County Contract Conditions (Bid Forms).

- Form A: Peach County Vendor Information Sheet
- Form B: W-9 (Taxpayer Identification Number)
- Form C: Contractor E-Verify Affidavit under O.C.G.A. 13-10-91(b) (1)
- Form D: S.A.V.E. Affidavit Verifying Status for County Public Benefit Application Contracts
- Form E: Subcontractor E-Verify Affidavit under O.C.G.A. 13-10-91(b) (1) (Required for ALL Subcontractors working for the Contractor)
- Form F: Sole Proprietor Exemption Affidavit Pursuant To O.C.G.A. 36-60-6(d), if applicable (Only if contractor has zero employees)
- Form G: Certification by Contractor, Non-Segregated
- Form H: Certification by Contractor, Drug-Free Workplace Act
- Form I: Non-Collusion Affidavit or Prime Contractor
- Form J: Conflict of Interest Certification
- Form K: Indemnity Agreement
- Form L: Title VI Civil Rights Act of 1964 Contractor Agreement
- Form M: Debarred Bidders/Integrity Certification
- Form O: Dispute Disclosure

Form P: List of Subcontractors

Additional information to be submitted:

- Year-End Financial Statement Certified by CPA
- Documentation of Bankruptcy within last 7 years
- Explanation of name change within last 5 years (if applicable)
- Documentation of location of permanent office
- List of construction equipment available for use on the project
- OSHA 300 Log
- Project information from at least three comparable projects over the last five years
- Litigation history for the last 7 years
- List of Current Projects
- Qualifications of project manager, superintendent, and subcontractors who will be involved with the project.
- Certificate of Insurance: Bidder must submit with the Bid response one of more certificate(s) of insurance showing proof that the bidder has the following minimum insurance coverage:
 - Minimum General Liability Insurance: \$2,000,000 aggregate, \$1,000,000 per occurrence
 - Minimum Automobile Liability Insurance: \$2,000,000 aggregate, \$1,000,000 per occurrence
 - Minimum Workers Compensation Insurance: \$500,000

Bids not containing Certificate(s) of Insurance proving minimum insurance coverage may be considered “non-responsive” and may be rejected from consideration.

4. Examination of Contract Documents and Site

4.1 It is the responsibility of each Bidder before submitting a Bid, to (a) examine the Contract Documents thoroughly, (b) visit the site to become familiar with local conditions that may affect cost, progress, performance or furnishing of the work, (c) consider federal, state and local Laws and Regulations that may affect cost, progress, performance or furnishing of the work, (d) study and carefully correlate Bidder’s observations with the Contract Documents and (e) notify Engineer of any and all conflicts, errors or discrepancies in the Contract Documents.

4.2 Reference is made to the Supplementary Conditions for identification of:

4.2.1 Those drawings of physical conditions in or relating to existing surface and subsurface conditions, (except Underground Facilities), which are at or contiguous to the site which have been utilized by Engineer in preparation of the Contract Documents. Bidder may rely upon the accuracy of the technical data contained in such drawings but not upon the completeness thereof for the purposes of bidding or construction.

- 4.2.2 Those reports and drawings are not part of the Contract Documents, but the technical data contained therein upon which Bidder is entitled to rely as provided in Paragraphs 4.02 of the General Conditions are incorporated therein by reference. Such technical data has been identified and established in the Supplementary Conditions.
- 4.3 Information and data reflected in the Contract Documents with respect to Underground Facilities at or contiguous to the site is based upon information and data furnished to Owner and Engineer by owners of such Underground Facilities or others, and Owner and Engineer do not assume responsibility for the accuracy or completeness thereof unless it is expressly provided otherwise in the Supplementary Conditions.
- 4.4 Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders on subsurface conditions, Underground Facilities and other physical conditions, and possible changes in the Contract Documents due to differing conditions appear in Paragraphs 4.02 and 4.03 of the General Conditions.
- 4.5 Before submitting a Bid, each Bidder will, at Bidder's own expense, make or obtain any additional examinations, investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the work and which Bidder deems necessary to determine its Bid for performing and furnishing the work in accordance with the time, price and other terms and conditions of the Contract Documents.
- 4.6 On request in advance, Owner will provide each Bidder access to the site to conduct such explorations and tests, as each Bidder deems necessary for submission of a Bid. Bidder shall fill all holes, clean up and restore the site to its former conditions upon completion of such explorations.
- 4.7 The land upon which the work is to be performed, rights-of-way and easements for access thereto and other lands designated for use by Contractor in performing the work are identified in the Contract Documents. All additional lands and access thereto required for temporary construction facilities or storage of materials and equipment are to be provided by Contractor. Easements for permanent structures or permanent changes in existing structures are to be obtained and paid for by Owner unless otherwise provided in the Contract Documents. The Contractor shall provide traffic control in accordance with MUTCD if any lane closures (partial or full) are required.
- 4.8 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of the Paragraph 4, that without exception, the Bid is premised upon performing and furnishing the work

required by the Contract Documents and such means, methods, techniques, sequences or procedures of construction as may be indicated in or required by the Contract Documents, and that the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance and furnishing of the work.

5. Interpretations and Addenda

- 5.1 All questions about the meaning or intent of the Contract Documents are to be directed to Engineer. Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by Engineer as having received the Bidding Documents. Questions received less than seven days prior to the date for opening of Bids may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.
- 5.2 Addenda may also be issued to modify the Bidding Documents as deemed advisable by Owner or Engineer.

6. Bid Security

- 6.1 Each Bid must be accompanied by Bid security made payable to Owner in an amount of five percent (5%) of the Bidder's maximum Bid price and in the form of a certified or bank check or a Bid Bond issued by a surety meeting the requirements of Paragraph 5.01 B. of the General Conditions.
- 6.2 The Bid security of the Successful Bidder will be retained until such Bidder has executed the Agreement and furnished the required contract security, whereupon the Bid security will be returned. If the Successful Bidder fails to execute and deliver the Agreement and furnish the required contract security within ten days after the Notice of Award, Owner may nullify the Notice of Award and the Bid security of that Bidder will be forfeited. The Bid security of other Bidders whom Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of the seventh day after the Effective Date of the Agreement or the one hundred twentieth day after the Bid opening, whereupon Bid security furnished by such Bidders will be returned. Bid security with Bids which are not competitive will be returned within seven days after the Bid opening.

7. Indemnification: The Contractor must agree to indemnify and to hold the Owner, its employees, and agents harmless from any and all claims for damages to persons and/or property arising out of or in any way connected with the performance by Contractor of any work, services, or functions contracted for.

8. Contract Time: The numbers of days within which, or the dates by which, the work is to be completed and ready for final payment (the Contract Time) are set forth in the Bid Form and the Agreement.

9. Liquidated Damages: As time is an essential element in this contract, all work shall be completed within the allotted time as specified in the Bid Form and the Agreement. For each calendar day that any portion of the construction shall remain uncompleted after the end of the time specified, the amount of Five Hundred Dollars per calendar day (\$500.00/day) will be assessed. The amount is assessed not as a penalty, but as a predetermined and agreed liquidated damages to be used, in part, to pay any additional expenses incurred by the Owner as a result of being delayed.

The Contractor shall not be charged with liquidated damages or any excess cost when the delay in satisfactory completion of all the work is due solely to the following and the Contractor has promptly given written notice of such delay to the Owner or Engineer within 10 days of the commencement thereof:

- a. To any preference, priority or allocation order duly issued by the Owner, or
 - b. To unforeseeable causes beyond the control and without any fault or negligence of the Contractor, or a subcontractor, including but not restricted to, acts of God, acts of the public enemy, acts of the Owner, fires, floods, epidemics, quarantine restrictions, and abnormal and unforeseeable weather, or
 - c. To any delays of subcontractors occasioned solely by any of the causes specified in paragraphs (a) and (b) other than delays due to fault or negligence of the Contractor or another subcontractor.
-
10. Substitute or “Or Equal” Items: The materials and equipment described in the Bidding Documents establish a standard or required function, dimension, appearance and quality to be met by any proposed substitution. No substitution will be considered unless written request for approval has been submitted by the Bidder and has been received by Engineer at least fifteen days prior to the date for receipt of Bids. Each such request shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitute including drawings, cuts, performance and test data and any other information necessary for an evaluation. A statement setting forth any changes in other materials, equipment or work that incorporation of the substitute would require shall be included. The burden of proof of the merit of the proposed substitute is upon the Bidder. The Engineer’s decision of approval or disapproval of a proposed substitution shall be final. If Engineer approves any proposed substitution, such approval will be set forth in an Addendum issued to all prospective Bidders. Bidders shall not rely upon approvals made in any other manner.

11. Subcontractors, Suppliers and Others

- 11.1 If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, and other persons and organizations (including those who are to furnish the principal items of material and equipment) to be submitted to Owner in advance of the specified date prior to the Effective Date of the Agreement, the apparent Successful Bidder, and any other Bidder so requested, shall within seven days after the Bid opening, submit to Owner, a list of all such Subcontractors, Suppliers and other persons and organizations proposed for those portions of the work for which such identification is required. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor, Supplier, person or organization if requested by Owner. If Owner or Engineer, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, other person or organization, either may before the Notice of Award is given request the apparent Successful Bidder to submit an acceptable substitute without an increase in Bid price.

If apparent Successful Bidder declines to make any such substitution, Owner may award the contract to the next lowest Bidder that proposes to use acceptable Subcontractors, Suppliers and other persons and organizations. The declining to make requested substitutions will not constitute grounds for sacrificing the Bid security of any Bidder. Any Subcontractor, Supplier, other person or organization listed and to whom Owner or Engineer does not make written objection prior to the giving of the Notice of Award shall be deemed acceptable to Owner and Engineer subject to revocation of such acceptance after the Effective Date of the Agreement as provided in Paragraph 6.06 of the General Conditions.

- 11.2 No Contractor shall be required to employ any Subcontractor, Supplier, other person or organization against whom Contractor has reasonable objection.

12. Bid

- 12.1 The Bid is included with the Bidding Documents; additional copies may be obtained from Engineer.
- 12.2 All blanks in the Bid must be completed in ink or by typewriter.
- 12.3 Bids by corporations must be executed in the corporate name by the president or a vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal must be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation must be shown below the signature.
- 12.4 Bids by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature and the official address of the partnership must be shown below the signature.

- 12.5 All names must be typed or printed below the signature.
- 12.6 The Bid shall contain an acknowledgement of receipt of all Addenda (the numbers of which must be filled in on the Bid Form).
- 12.7 The address and telephone number for communications regarding the Bid must be shown.

13. Submission of Bids

Bids shall be submitted at the time and place indicated in the Advertisement for Bids and shall be enclosed in an opaque sealed envelope, marked with the Project title and name and address of the Bidder and accompanied by the Bid security and other required documents. ~~The Contractor's Georgia Utility Contractor's License Number shall also be marked on the outside of the envelope.~~ If the Bid is sent through the mail or other delivery system, the sealed envelope shall be enclosed in a separate envelope with the notation "BID ENCLOSED" on the face of it. Bidder must be listed on the current Georgia Department of Transportation Pre-Qualified Contractors list.

14. Modification and Withdrawal of Bids

- 14.1 Bids may be modified or withdrawn by an appropriate document duly executed (in the manner that a Bid must be executed) and delivered to the place where Bids are to be submitted at any time prior to the opening of Bids.
- 14.2 If, within twenty-four hours after Bids are opened, any Bidder files a duly signed, written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid and the Bid security will be returned. Thereafter, that Bidder will be disqualified from further bidding on the work to be provided under the Contract Documents.

15. Opening of Bids: Following the opening of the sealed bids, the County will award the contract in accordance with the following procedure: The County will first eliminate from consideration all bids that are not "responsive" as such term is defined in the General Conditions, and will further eliminate any bid to which the County does not assign an aggregate score of at least 72 under the criteria set forth in the invitation to bid. The County will deem all remaining bids to be responsive and responsible.

16. Bids to Remain Subject to Acceptance: All responsive and responsible bids will remain subject to acceptance for sixty days after the day of the Bid opening, but Owner may, in its sole discretion, and in accordance with Instruction to Bidders, Section 6.2, release any Bid and return the Bid security prior to that date.

17. Award of Contract

- 17.1 Owner reserves the right to reject any and all bids, to waive any and all informalities not involving price, time or changes in the work and to negotiate contract terms with the Successful Bidder, and the right to disregard all nonconforming, non-responsive, unbalanced or conditional bids. Also, Owner reserves the right to reject the Bid of any Bidder if Owner believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by Owner. Discrepancies in the multiplication of units of work and unit prices will be resolved in favor of the correct sum.
- 17.2 In evaluating Bids, Owner will consider the qualifications of the Bidders, whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Bid Form or prior to the Notice of Award.
- 17.3 Owner may consider the qualifications and experience of Subcontractors, suppliers, and other persons and organizations proposed for those portions of the work as to which the identity of Subcontractors, Suppliers, and other persons and organizations must be submitted as provided in the Supplementary Conditions. Owner also may consider the operating costs, maintenance requirements, performance data and guarantees of major items of materials and equipment proposed for incorporation in the work when such data is required to be submitted prior to the Notice of Award. Owner may conduct such investigations as Owner deems necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders, proposed Subcontractors, Suppliers and other persons and organizations to perform and furnish the work in accordance with the Contract Documents to Owner's satisfaction within the prescribed time.
- 17.4 Evaluation Criteria: The evaluation criteria to be used by the County to determine responsible Bidders (and the maximum points that the County may assign to each) in reviewing the sealed bids is as follows:

Factor	Evaluation Weight (Points)
Service Delivery Schedule	20
Company/Contractor Integrity	20
Record of Past Performance	15
Experience with Similar Work	17
Warranty	15
Financial Resources	10
Peach County Business Location	3

Following the opening of bids, the following procedure will be used to determine the successful bidder:

- A. The County will first eliminate from consideration all bids that are not “responsive” as such term is defined as “a bid or proposal that conforms in all material respects to the requirements set forth in the invitation for bids,” and will further eliminate any bid as “not responsible” to which the County does not assign an aggregate score of at least 72 under weighted evaluation factors set forth above.
 - B. The County will deem all remaining bids to be responsive and responsible.
- 17.5 If the Contract is to be awarded, it will be awarded on the basis of the base bid to the lowest Bidder whose evaluation by Owner indicates to Owner that the award will be in the best interest of the Project. Any alternates will be considered after selecting the Successful Bidder.
- 17.6 If the Contract is to be awarded, Owner will give the Successful Bidder a written Notice of Award within sixty days after the days of the Bid opening.
- 17.7 The Owner reserves the right to award the contract conditional upon funds being made available for such construction.
18. Contract Security: Paragraph 5.01 of the General Conditions and the Supplementary Conditions set forth Owner’s requirements as to Performance and Payment Bonds. When the Successful Bidder delivers the executed Agreement to the Owner, it must be accompanied by the required Performance and Payment Bonds.
19. Taxes: The Contractor shall pay all applicable sales, consumer, use and other similar taxes required by law. The Contractor is responsible for reviewing the pertinent State Statutes involving the sales tax and sales tax exemption and complying with all requirements. The Contractor shall include all Federal, State and local taxes in his bid. The Contractor shall indemnify, defend and hold harmless, Owner, Engineer and their employees, agents and representatives from and against any and all claims, damages, losses, penalties, fines and tax liabilities whatsoever resulting from Contractor’s failure to include such taxes in his bid, pay any such tax or comply with any applicable tax requirements or statutes.
20. Signing of Agreement: When Owner gives a Notice of Award to the Successful Bidder, it will be accompanied by the required number of unsigned counterparts of the Agreement with all other written Contract Documents attached. Within ten days thereafter Contractor shall sign and deliver the required number of counter parts of the Agreement and attached documents to Owner with the required Bonds. Within ten days thereafter, Owner shall deliver one fully signed counterpart to Contractor.
21. Laws and Regulations: The Contractor shall keep fully informed of all laws, ordinances and regulations of State, City and County in any manner affecting those engaged or employed in the work, or the materials used in the work, or in any way affecting the conduct of the work, and of all orders and decrees of bodies or tribunals having any jurisdiction or

authority over same. If any discrepancy or inconsistency should be discovered in this contract, or in the drawings or specifications herein referred to, in relation to any such law, ordinance, regulation, order or decree, he shall forthwith report the same in writing to the Owner. The Contractor shall at all times observe and comply with all such existing and future laws, ordinances and regulations and shall protect and indemnify the Owner and its agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree whether by itself or by its employees.

22. Non-Segregated Facilities: Bidders must certify that they do not and will not, maintain or provide for their employees any facilities that are segregated on a basis of race, color, creed or national origin. Execution of the "Certification of Non-Segregated Facilities" contained within these documents must be accomplished and submitted with the Bid.
24. The firm chosen shall take affirmative action in complying with all state and federal requirements concerning EEOC and the treatment of all employees without regard to or discrimination by reason of race, color, religion, sex, national origin, or physical handicap.
25. The Contractor shall submit a job-specific Health and Safety Plan to the Owner for their records prior to commencing any work.

END OF SECTION

Bid proposal of _____
(hereinafter called "BIDDER"), organized and existing under the laws of the State of _____
doing business as _____ *. To Peach County
Board of Commissioners (hereinafter called "OWNER"). In compliance with your Advertisement for
BIDS, BIDDER hereby proposed to perform all WORK for the construction of Road Resurfacing, Repair,
and Asphalt Paving - 2022 in strict accordance with the CONTRACT DOCUMENTS, within the time set
forth therein, and at the prices stated below.

By permission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies
as to his own organization, that this BID has been arrived at independently, without consultation,
communication, or agreement as to any matter relating to this BID with any other BIDDER or with any
competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the
NOTICE TO PROCEED and to fully complete the PROJECT within 180 consecutive calendar days
thereafter. BIDDER further agrees to pay as liquidated damages in the amount stated in the Section 00100-
Instructions to Bidders (Paragraph 1.02.20) for each consecutive calendar day thereafter.

Bidder understands that the bid may not be withdrawn for a period of 60 calendar days after the bid opening
date.

BIDDER acknowledges receipt of the following ADDENDA:

* Insert "a corporation", "a partnership", or "an individual" as applicable.

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit
prices or lump sum:

Powersville Road

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.34	AC		
3	205- 0002	Unclassified Excavation	3,852	SY		
4	210-0100	Grading complete	1	LS		
5	310-1101	Graded Aggregate Base Course, incl material	1,410	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum matl & H lime (2" @220 lb/sy)	439	TN		
7	424-6201	Double Surface Treatment , Stn Size 7 & 89, GP 2 Only, with seal sand W 10	860	SY		
8	412-0650	Prime Coat	214	GL		
9	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	1	EA		
10	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	0.6	LM		
11	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	0.6	LM		
12	653-1704	Thermoplastic Solid Traffic Stripe, 24", White (stop bar)	15	LF		
13	654-1001	Raised PVMT Markers TP1	78	EA		
14	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.5	AC		
Powersville Road Subtotal =						

Unclassified excavation to include the following:

1. Removal & disposal of existing asphalt
2. Removal & disposal of sub-base to 8" below existing top of asphalt (1570 L.F from HWY 247 to Lakeview Road)
3. Removal & disposal of sub-base to 8" below existing top of asphalt (50 L.F of Lakeview Road)

Grading complete to include the following:

1. Compaction and proof rolling of subbase
2. Fine grading of subbase
3. Regrading radius at southwest corner of intersection of Powersville Road & Hwy 247
4. Miscellaneous grading from Lakeview Road to end of Powersville Road

Lakeview Road

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	4.78	AC		
3	210-0200	Grading (4' shoulders, both sides)	4.93	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	100	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	2,065	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	5,250	TN		
7	413-0750	Tack coat	7,565	GL		
8	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	3	EA		
9	432-0208	Mill Asph Conc Pvmt, 2" in depth at bridge, ea 100' side	489	SY		
10	461-2000	Resealing Bridge Joints	48	LF		
11	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	9.80	LM		
12	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	5.35	LM		
13	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	3.07	GLM		
14	653-1704	Thermoplastic Solid Traf Stripe, 24", White (stop bar)	80	LF		
15	654-1001	Raised PVMT Markers TP1	890	EA		
16	654-1002	Raised PVMT Markers TP2	222	EA		
17	700-6910	Final Stabilization with Permanent Grassing & Mulching	4.78	AC		
Lakeview Road Subtotal =						

Clopine Lake Road

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc. for roads & RR	1	LS		
2	163-0232	Temporary Grassing	3.38	AC		
3	210-0200	Grading (4' shoulders, both sides)	3.49	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	100	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	1,330	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	3,377	TN		
7	413-0750	Tack coat	4,913	GL		
8	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	1	EA		
9	432-0208	Mill Asph Conc Pvmt, 1.5" in depth at bridge & RR	988	SY		
10	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	6.98	LM		
11	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	4.33	LM		
12	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	1.88	GLM		
13	653-1704	Thermoplastic Solid Traf Stripe, 24", White (stop bar)	15	LF		
14	654-1001	Raised PVMT Markers TP1	666	EA		
15	654-1002	Raised PVMT Markers TP2	154	EA		
16	700-6910	Final Stabilization with Permanent Grassing & Mulching	3.38	AC		
17	-	RR Marking per GDOT Std. 9024A	2	EA		
Clopine Road Subtotal =						

Preston Road

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	163-0232	Temporary Grassing	1	AC		
2	150-1000	Traffic Control, signage, etc.	1	LS		
3	210-0100	Grading (4' shoulders, both sides), rework ditches	1	LS		
4	310-1101	Graded Aggregate Base Course (2" average)	430	TN		
5	412-0650	Prime Coat	980	GL		
6	424-6201	Triple Surface Treatment, STN Size 6, 7 & 89, Gr 2 only	3,920	SY		
7	700-6910	Final Stabilization with Permanent Grassing & Mulching	1	AC		
8	716-5000	Turf Reinforcement	904	SY		
Preston Road Subtotal =						

Taylors Mill Rd. N.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	1.48	AC		
3	210-0200	Grading (4' shoulders, each side)	3.05	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	14	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	1,279	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	3,458	TN		
7	413-0750	Tack coat	4,724	GL		
8	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	1	EA		
9	654-1001	Raised Pavement Markers, Type 1 (Glued)	690	EA		
10	654-1002	Raised Pavement Markers, Type 2 (Glued)	55	EA		
11	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	6.10	LM		
12	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	4.77	LM		
13	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	0.88	GLM		
14	700-6910	Final Stabilization with Permanent Grassing & Mulching	1.48	AC		
Taylors Mill Road N. Subtotal =						

Taylors Mill Road - South

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	210-0200	Grading (4' shoulders, both sides)	0.51	LM		
3	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	25	TN		
4	402-1812	Recycled Ashphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	215	TN		
5	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	548	TN		
6	413-0750	Tack coat	796	GL		
7	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	1	EA		
8	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	1.02	LM		
9	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	0.13	LM		
10	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	0.51	GLM		
11	654-1001	Raised PVMT Markers TP1	68	EA		
12	654-1002	Raised PVMT Markers TP2	17	EA		
Taylors Mill Road South Subtotal =						

Kewanee Dr.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.52	AC		
3	210-0200	Grading (4' shoulders, each side)	1.08	LM		
4	402-1812	Recycled Ashphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	412	TN		
5	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	1,132	TN		
6	413-0750	Tack coat	1,521	GL		
7	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	2.16	LM		
8	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.52	AC		
Kewanee Dr. Subtotal =						

East Seminole Dr.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.56	AC		
3	210-0200	Grading (4' shoulders, each side)	1.16	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	60	TN		
5	402-1812	Recycled Ashphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	453	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	1,219	TN		
7	413-0750	Tack coat	1,674	GL		
8	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	2.32	LM		
9	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.56	AC		
E Seminole Dr. Subtotal =						

West Seminole Dr.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.47	AC		
3	210-0200	Grading (4' shoulders, each side)	0.96	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	31	TN		
5	402-1812	Recycled Ashphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	375	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	1,009	TN		
7	413-0750	Tack coat	1,385	GL		
8	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	1.92	LM		
9	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.47	AC		
W Seminole Dr. Subtotal =						

Rum Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.58	AC		
3	210-0200	Grading (4' shoulders, each side)	1.19	LM		
4	402-1812	Recycled Ashphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	465	TN		
5	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	1,230	TN		
6	413-0750	Tack coat	1,717	GL		
7	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	2.06	LM		
8	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	0.31	GLM		
9	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.58	AC		
Rum Road Subtotal =						

Old Oak Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.24	AC		
3	210-0200	Grading (4' shoulders, each side)	0.50	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	1	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	200	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	545	TN		
7	413-0750	Tack coat	739	GL		
8	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.24	AC		
Old Oak Road Subtotal =						

Old Hickory Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.33	AC		
3	210-0200	Grading (4' shoulders, each side)	0.69	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	32	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	270	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	734	TN		
7	413-0750	Tack coat	996	GL		
8	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	1.38	LM		
9	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	1.38	LM		
10	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.33	AC		
Old Hickory Road Subtotal =						

Red Oak Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.31	AC		
3	210-0200	Grading (4' shoulders, each side)	0.63	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	48	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	246	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	711	TN		
7	413-0750	Tack coat	909	GL		
8	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	1.26	LM		
9	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.31	AC		
Red Oak Road Subtotal =						

Woolfolk Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	1.04	AC		
3	210-0200	Grading (4' shoulders, each side)	2.14	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	5	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	898	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	2,422	TN		
7	413-0750	Tack coat	3,314	GL		
8	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	2	EA		
9	654-1001	Raised Pavement Markers, Type 1 (Glued)	513	EA		
10	654-1002	Raised Pavement Markers, Type 2 (Glued)	44	EA		
11	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	4.28	LM		
12	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	3.82	LM		
13	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	0.40	GLM		
14	700-6910	Final Stabilization with Permanent Grassing & Mulching	1.04	AC		
15	653-0220	Thermoplastic Pvmt Marking, Word, Tp 2 "STOP"	1	EA		
16	653-0230	Thermoplastic Pvmt Marking, Word, Tp 4 "AHEAD"	1	EA		
Woolfolk Road Subtotal =						

Knoxville St.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.11	AC		
3	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	5	TN		
4	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	132	TN		
5	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	380	TN		
6	413-0750	Tack coat	486	GL		
7	654-1001	Raised Pavement Markers, Type 1 (Glued)	61	EA		
8	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	0.46	LM		
9	611-8050	Adjust Grade MH to Grade	2	EA		
Knoxville St Subtotal =						

Willow Lake Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	1.10	AC		
3	210-0200	Grading (4' shoulders, each side)	2.26	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	6	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	862	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	2,454	TN		
7	413-0750	Tack coat	3,182	GL		
8	654-1001	Raised Pavement Markers, Type 1 (Glued)	447	EA		
9	654-1002	Raised Pavement Markers, Type 2 (Glued)	97	EA		
10	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	4.52	LM		
11	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	2.99	LM		
12	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	1.14	GLM		
13	700-6910	Final Stabilization with Permanent Grassing & Mulching	1.10	AC		
14	670-0705	Adjust Gas/water valve box to top of overlay	3	EA		
Willow Lake Road Subtotal =						

Camp John Hope Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.64	AC		
3	210-0200	Grading (4' shoulders, each side)	1.32	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	6	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	554	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	1,461	TN		
7	413-0750	Tack coat	2,044	GL		
8	654-1001	Raised Pavement Markers, Type 1 (Glued)	298	EA		
9	654-1002	Raised Pavement Markers, Type 2 (Glued)	44	EA		
10	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	2.64	LM		
11	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	2.20	LM		
12	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	0.39	GLM		
13	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.64	AC		
Camp John Hope Road Subtotal =						

Norwood Springs Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	1.40	AC		
3	210-0200	Grading (4' shoulders, each side)	2.88	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	157	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	1,098	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	2,927	TN		
7	413-0750	Tack coat	4,055	GL		
8	429-1000	Rumble Strips-Thermoplastic, per each set (3 in each set)	1	EA		
10	654-1001	Raised Pavement Markers, Type 1 (Glued)	592	EA		
11	654-1002	Raised Pavement Markers, Type 2 (Glued)	79	EA		
12	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	5.76	LM		
13	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	3.81	LM		
14	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	1.27	GLM		
16	700-6910	Final Stabilization with Permanent Grassing & Mulching	1.40	AC		
15		RR Marking per GDOT Std. 9024A	1	EA		
16		RR Grade Crossing Paving per GDOT Std. 9021A	1	EA		
Norwood Springs Road Subtotal =						

Note: The Contractor will be required to apply for right-of-way access onto the railroad right-of-way at Norwood Springs Road. The RR line is owned and operated by Pioneer Lines as the Georgia Southern Railway Corporation. Coordination and fee payments for the application, insurance, flagman will be the contractor's responsibility. The right-of-way access procedures and application can be found at the following link: <https://pioneerlines.com/realestate/>. The contact at Pioneer Line is Mr. Nathan Busch, Manager of Real Estate Operations Services. He can be contacted at 309-605-0116, realestate@pioneerlines.com.

Industrial & S. Park Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	205- 0002	Unclassified Excavation	5544	SY		
3	210-0100	Grading complete	1	LS		
4	310-1101	Graded Aggregate Base Course, incl material	2495	TN		
5	402-3130	Recycled Asphalt Conc 12.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	468	TN		
6	402-3190	Recycled Asphalt Conc 19 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (2" @220 lb/sy)	624	TN		
7	413-0750	Tack coat	665	GL		
Industrial Blvd & S Park Rd Subtotal =						

Unclassified excavation to include the following:

1. Removal & disposal of existing asphalt
2. Removal & disposal of GAB & sub-base to 12" below existing top of asphalt (HWY 341 RW to HWY 341 RW)

Grading complete to include the following:

1. Compaction and proof rolling of subbase
2. Fine grading of subbase
3. Miscellaneous grading from US 341 RW to US 341 RW

Buckeye Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	3.05	AC		
3	210-0200	Grading (4' shoulders, each side)	6.30	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	288	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	2,643	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	6,881	TN		
7	413-0750	Tack coat	9,757	GL		
8	654-1001	Raised Pavement Markers, Type 1 (Glued)	1,324	EA		
9	654-1002	Raised Pavement Markers, Type 2 (Glued)	208	EA		
10	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	12.60	LM		
11	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	9.03	LM		
12	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	2.57	GLM		
13	653-1704	Thermoplastic Solid Traffic Stripe, 24", White (stop bar)	60	LF		
14	700-6910	Final Stabilization with Permanent Grassing & Mulching	3.05	AC		
Buckeye Road Subtotal =						

Lane Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.22	AC		
3	210-0200	Grading (4' shoulders, each side)	0.45	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	28	TN		
5	402-1812	Recycled Asphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	189	TN		
6	402-3130	Recycled Asphalt Conc 12.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	488	TN		
7	402-3190	Recycled Asphalt Conc 19 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (2" @220 lb/sy)	90	TN		
8	413-0750	Tack coat	697	GL		
9	653-2501	Thermoplastic Solid Traffic Stripe, 5" white (edge)	0.90	LM		
10	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	0.90	LM		
11	653-1704	Thermoplastic Solid Traffic Stripe, 24", White (stop bar)	10	LF		
12	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.22	AC		
13	205- 0002	Unclassified Excavation	800	SY		
14	210-0100	Grading complete	1	LS		
15	310-1101	Graded Aggregate Base Course, incl material	360	TN		
Lane Road Subtotal =						

Unclassified excavation to include the following:

1. Removal & disposal of existing asphalt
2. Removal & disposal of GAB & sub-base to 12" below existing top of asphalt (240 L.F. from HWY 96 RW to the north)

Grading complete to include the following:

1. Compaction and proof rolling of subbase
2. Fine grading of subbase
3. Miscellaneous grading from SR96 RW to Fullwood Road

Matthews Rd.

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	150-1000	Traffic Control, signage, etc.	1	LS		
2	163-0232	Temporary Grassing	0.29	AC		
3	210-0200	Grading (4' shoulders, each side)	0.60	LM		
4	402-1802	Recycled Asph Conc Patching 19mm, Incl Bitum Matl & H Lime (4" depth)	1	TN		
5	402-1812	Recycled Ashphalt Conc Leveling, incl Bitum Matl & H lime (65 lb/sy)	252	TN		
6	402-3102	Recycled Asphalt Conc 9.5 mm SP, Type II, GP2 only, Incl Bitum Matl & H Lime (1.5" @165 lb/sy)	672	TN		
7	413-0750	Tack coat	929	GL		
8	653-2502	Thermoplastic Solid Traffic Stripe, 5" yellow	0.53	LM		
9	653-4502	Thermoplastic Skip Traffic Stripe, 5" yellow	0.41	GLM		
10	653-1704	Thermoplastic Solid Traffic Stripe, 24", White (stop bar)	10	LF		
11	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.29	AC		

Matthews Road Subtotal =

--

North Peach Park

<u>Item No.</u>	<u>DOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1	205- 0002	Unclassified Excavation, i.e. parking pavement & base	1,743	SY		
2	210-0100	Grading complete	1	LS		
3	310-1101	Graded Aggregate Base Course, incl material	580	TN		
4	402-3102	Recycled Asphalt Conc 9 mm SP, Type II, GP2 only, Incl Bitum matl & H lime (2" @220 lb/sy)	192	TN		
5	402-3102	Recycled Asphalt Conc 9 mm SP, Type II, GP2 only, Incl Bitum matl & H lime (1-1/2" @165 lb/sy)	383	TN		
6	413-0750	Tack coat	383	GL		
7	444-1000	Saw Cut Pavement	127	LF		
8	-	Parking Lot Striping, Arrows, Handicap markings, & Markings, sign relocation, complete	1	LS		
9	-	Wheel Stops	22	EA		
10	700-6910	Final Stabilization with Permanent Grassing & Mulching	0.5	AC		
N Peach Park Subtotal =						

TOTAL BASE BID FOR ALL ITEMS \$ _____

_____ (in words) and _____ (dollars)

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

The Bidder declares an understanding that the quantities shown for unit price items are subject to either increase or decrease, and that should the quantities of any of the items of Work be increased, the Bidder proposes to do the additional Work at the unit prices stated herein; and should the quantities be decreased, the Bidder also understands that payment will be made on the basis of actual quantities at the unit price bid and will make no claim for additional costs or anticipated profits for any decrease in quantities; and that actual quantities will be determined upon completion of Work, at which time adjustment will be made to the Contract amount by direct increase or decrease.

In case of discrepancies between the figures shown in the unit prices and the totals, the unit prices shall apply, and the totals shall be corrected to agree with the unit prices. In case of discrepancies between written amounts and figures, written amounts shall take precedence over figures and the sum of all Bid extensions (of unit prices) plus lump sum items shall take precedence over BID TOTAL.

Bidder hereby acknowledges enclosure of the following qualifications information:

- Form A: Peach County Vendor Information Sheet
- Form B: W-9 (Taxpayer Identification Number)
- Form C: Contractor E-Verify Affidavit under O.C.G.A. 13-10-91(b) (1)
- Form D: S.A.V.E. Affidavit Verifying Status for County Public Benefit Application Contracts
- Form E: Subcontractor E-Verify Affidavit under O.C.G.A. 13-10-91(b) (1) (Required for ALL Subcontractors working for the Contractor)
- Form F: Sole Proprietor Exemption Affidavit Pursuant To O.C.G.A. 36-60-6(d), if applicable (Only if contractor has zero employees)
- Form G: Certification by Contractor, Non-Segregated
- Form H: Certification by Contractor, Drug-Free Workplace Act
- Form I: Non-Collusion Affidavit or Prime Contractor
- Form J: Conflict of Interest Certification
- Form K: Indemnity Agreement
- Form L: Title VI Civil Rights Act of 1964 Contractor Agreement
- Form M: Debarred Bidders/Integrity Certification
- Form O: Dispute Disclosure
- Form P: List of Subcontractors

The Bidder furthermore agrees that, in the case of a failure to execute the Contract Agreement and Bonds within ten days after receipt of conformed Contract Documents for execution, the attached Bid Bond accompanying this Bid and the Monies payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure.

Respectfully submitted:

Date: _____

Signature

Title

Company

Address

License Number

SEAL (if BID is by a corporation)

ATTEST: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

as Principal, and _____
as Surety, are hereby held and firmly bound unto the Peach County Board of Commissioners as
owner in the penal sum of _____ for the
payment of which, well and truly to be made, we hereby jointly and severally bind ourselves,
successors and assigns.

Signed, this _____ day of _____, 2022.

The Condition of the above obligation is such that whereas the Principal has submitted to
Peach County Board of Commissioners

a certain BID, attached hereto and hereby made a part hereof, to enter into a contract in writing,
for the Road Resurfacing, Repair, and Asphalt Paving - 2022

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract
in the Form of Contract attached hereto (properly completed in accordance with said
BID) and shall furnish a bond for his faithful performance of said contract, and for
the payment of all persons performing labor or furnishing materials in connection
therewith, and shall in all other respects perform the agreement created by the
acceptance of said BID, then this obligation shall be void, otherwise the same shall
remain in force and effect; it being expressly understood and agreed that the liability
of the Surety for any and all claims hereunder shall, in no event, exceed the penal
amount of this obligation as herein stated.

Section 00410
BID BOND

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

(L.S.) Principal

Surety

By: _____

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

This AGREEMENT made this _____ day of _____, 2022, by and between Peach County Board of Commissioners (hereinafter call “OWNER”), and _____, doing business as (an individual), or a partnership), or (a corporation) hereinafter called “CONTRACTOR”.

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the construction of the Road Resurfacing, Repair, and Asphalt Paving – 2022.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor and other services necessary for the construction and completion of the PROJECT described herein.
3. The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS within 14 calendar days after the date of the NOTICE TO PROCEED and will complete the same within 180 calendar days unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.
4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of _____, as shown in the BIDS schedule.
4. The term ‘CONTRACT DOCUMENTS’ means and includes the following:
 - a. ADVERTISEMENT FOR BIDS
 - b. INSTRUCTIONS TO BIDDERS
 - c. BID
 - d. BID BOND
 - e. AGREEMENT
 - f. PERFORMANCE BOND
 - g. PAYMENT BOND
 - h. CERTIFICATION OF OWNER’S ATTORNEY
 - i. NOTICE OF AWARD

- j. NOTICE TO PROCEED
 - k. CHANGE ORDER
 - l. STANDARD GENERAL CONDITIONS
 - m. SUPPLEMENTARY GENERAL CONDITIONS
 - n. TECHNICAL SPECIFICATIONS
 - o. EXHIBITS AND/OR DRAWINGS AS STATED IN SUPPLEMENTARY GENERAL CONDITIONS
 - p. ADDENDA:
 - No. __, dated ____, 2022
 - No. __, dated ____, 2022
 - No. __, dated ____, 2022
5. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.
6. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in (4 copies) each of which shall be deemed an original on the date first above written.

Section 00500
CONTRACT AGREEMENT

(SEAL) Owner: Peach County Board of Commissioners

ATTEST: By: _____

Name: Martin H. Moseley, Jr.
Chairman, Peach County Board of
Title: Commissioners

Name: _____
Title: _____

Address: 213 Persons Street
Fort Valley, Georgia 31030

(SEAL) Contractor: _____

ATTEST: By: _____

Name: _____
Title: _____

Name: _____
Title: _____

Address: _____

KNOW ALL MEN BY THESE PRESENTS: that

_____ (Name of Contractor)

_____ (Address of Contractor)

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

_____ (Name of Surety)

_____ (Address of Surety)

hereinafter called Surety, are held and firmly bound unto the

Peach County Board of Commissioners
_____ (Name of Owner)

213 Persons Street, Fort Valley, Georgia 31030
_____ (Address of Owner)

hereinafter called OWNER, in the penal sum of _____ Dollars,

(\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated the . day of _____, 2022, a copy of which is hereto attached and made a part hereof, for the construction of: Road Resurfacing, Repair, and Asphalt Paving - 2022.

NOW THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the Surety, and during the one-year guaranty period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each one of which shall be deemed an original, this the _____ day of _____, 2022.

ATTEST:

Principal: _____

Principal Secretary

(SEAL)

By: _____ (s)

(Address)

Witness as to Principal

Surety

(Address)

By: _____
Attorney-in-Fact

By: _____

ATTEST:

(Address)

Witness as to Surety

(Address)

Note: DATE OF BOND MUST NOT BE PRIOR TO DATE OF CONTRACT. IF CONTRACTOR is Partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the PROJECT is located.

KNOW ALL MEN BY THESE PRESENTS: THAT

(Name of Contractor)

(Address of Contractor)

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called surety, are held and firmly bound unto

Peach County Board of Commissioners

(Name of Owner)

213 Persons Street, Fort Valley, Georgia 31030

(Address of Owner)

hereinafter called OWNER, in the penal sum of _____ Dollars,
(\$ _____) in lawful money of the United States, for the payment of which sum
well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by
these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a
certain contract with the OWNER, dated the _____ day of _____, 2021, a copy of which is
hereto attached and made a part hereof, for the construction of: Road Resurfacing, Repair, and
Asphalt Paving - 2021.

NOW THEREFORE, if the Principal shall promptly make payment to all persons, firms,
SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the
prosecution of the WORK provided for in such contract, and any authorized extension or
modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke,
repairs on machinery, equipment and tools, consumed or used in connection with the construction of
such WORK, and all insurance premiums on said WORK, and for all labor performed in such
WORK whether by SUBCONTRACTOR or otherwise, then this obligation shall be void: otherwise
to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in four (4) counterparts, each one of which shall be deemed an original, this the _____ day of, _____ 2021.

ATTEST:

Principal Secretary

Principal

BY: _____ (s)

(SEAL)

(Address)

Witness to Principal

(Address)

ATTEST:

Surety Secretary

Surety

BY: _____

Attorney-in-Fact

(SEAL)

(Address)

Witness to Surety

(Address)

Note: DATE OF BOND MUST NOT BE PRIOR TO DATE OF CONTRACT. IF CONTRACTOR is Partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the PROJECT is located.

CERTIFICATE OF OWNER'S ATTORNEY

I, the undersigned, _____, the duly authorized and acting legal representative of Peach County Board of Commissioners, do hereby certify as follows: I have examined the foregoing contract and surety bonds and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements has been duly executed by the proper parties thereto acting through their duly authorized representatives; that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the foregoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with terms, conditions and provisions thereof.

Signature of Attorney

Date

To:

OWNER: Peach County Board of Commissioners

PROJECT DESCRIPTION: Road Resurfacing, Repair, and Asphalt Paving – 2022

The OWNER has considered the BID submitted by you for the above described WORK dated _____ in response to its Advertisement for BIDS and Instructions to Bidders.

You are hereby notified that your BID has been accepted for items in the amount of \$ _____.

As required by the Instructions to BIDDERS, please execute the Agreement and furnish the required CONTRACTOR's Performance Bond, Payment Bond, and certificates of insurance within ten (10) calendar days from the date of this Notice to you.

If you fail to execute said Agreement and to furnish said BONDS within ten (10) days from the date of this Notice said OWNER will be entitled to consider all your rights arising out of the OWNER's acceptance of your BID as abandoned and as a forfeiture of your BID BOND. The OWNER will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER

Dated this _____ day of _____, 2022.

Owner

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged

By:

This, the _____ day of _____ 2022.

BY _____

TITLE _____

TO: _____ Date: _____

You are hereby notified to commence WORK on Road Resurfacing, Repair, and Asphalt Paving – 2022 in accordance with the Agreement dated _____ on or before _____, and you are to complete the WORK within 180 consecutive calendar days thereafter. The date of completion of all WORK is therefore

Peach County Board of Commissioners
Owner

BY: _____

TITLE: _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is hereby acknowledged

By _____

This , the _____ day of _____, 2022

BY _____

TITLE _____

NOTE: Copies of the executed Notice to Proceed shall be provided to the Georgia Department of Health and Environment Control’s Central and District Offices and also to the Georgia Budget and Control Board.

No. _____

Date of Issuance _____ Effective Date: _____

Project:	Owner:	Owner's Contract No.:
Contract:	Date of Contract:	
Contractor:	Engineer's Project No.:	

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Attachments: (List documents supporting change):

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ _____

[Increase] [Decrease] from previously approved Change Orders No. _____ to No.: _____

\$ _____

Contract Price prior to this Change Order:

\$ _____

[Increase] [Decrease] of this Change Order:

\$ _____

Contract Price incorporating this Change Order:

\$ _____

CHANGE IN CONTRACT TIMES:

Original Working Calendar days
Contract days
Times:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] from previously approved Change Orders No.: _____ to No.: _____

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Times prior to this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

Contract Times with all approved Change Orders:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

RECOMMENDED: By: _____ Engineer (Authorized Signature)	ACCEPTED: By: _____ Owner (Authorized Signature)	ACCEPTED: By: _____ Contractor (Authorized Signature)
Date: _____	Date: _____	Date: _____
Approved by Funding _____	_____	Date: _____

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

TABLE OF CONTENTS

	Page
Article 1 – Definitions and Terminology	1
1.01 Defined Terms	1
1.02 Terminology	5
Article 2 – Preliminary Matters	6
2.01 Delivery of Bonds and Evidence of Insurance	6
2.02 Copies of Documents	6
2.03 Commencement of Contract Times; Notice to Proceed.....	7
2.04 Starting the Work	7
2.05 Before Starting Construction.....	7
2.06 Preconstruction Conference; Designation of Authorized Representatives.....	7
2.07 Initial Acceptance of Schedules.....	8
Article 3 – Contract Documents: Intent, Amending, Reuse	8
3.01 Intent	8
3.02 Reference Standards	8
3.03 Reporting and Resolving Discrepancies	9
3.04 Amending and Supplementing Contract Documents	10
3.05 Reuse of Documents.....	10
3.06 Electronic Data	10
Article 4 – Availability of Lands; Subsurface and Physical Conditions; Hazardous Environmental Conditions; Reference Points.....	11
4.01 Availability of Lands.....	11
4.02 Subsurface and Physical Conditions.....	11
4.03 Differing Subsurface or Physical Conditions	12
4.04 Underground Facilities	13
4.05 Reference Points	14
4.06 Hazardous Environmental Condition at Site	14
Article 5 – Bonds and Insurance.....	16
5.01 Performance, Payment, and Other Bonds.....	16
5.02 Licensed Sureties and Insurers.....	17
5.03 Certificates of Insurance.....	17
5.04 Contractor’s Insurance	17
5.05 Owner’s Liability Insurance.....	19
5.06 Property Insurance.....	19
5.07 Waiver of Rights.....	20
5.08 Receipt and Application of Insurance Proceeds	21
5.09 Acceptance of Bonds and Insurance; Option to Replace	22
5.10 Partial Utilization, Acknowledgment of Property Insurer	22

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

Article 6 – Contractor’s Responsibilities.....	22
6.01 Supervision and Superintendence	22
6.02 Labor; Working Hours	23
6.03 Services, Materials, and Equipment.....	23
6.04 Progress Schedule.....	23
6.05 Substitutes and “Or-Equals”	24
6.06 Concerning Subcontractors, Suppliers, and Others.....	26
6.07 Patent Fees and Royalties.....	27
6.08 Permits	28
6.09 Laws and Regulations	28
6.10 Taxes.....	28
6.11 Use of Site and Other Areas.....	28
6.12 Record Documents	29
6.13 Safety and Protection.....	29
6.14 Safety Representative	30
6.15 Hazard Communication Programs.....	30
6.16 Emergencies.....	30
6.17 Shop Drawings and Samples.....	31
6.18 Continuing the Work.....	32
6.19 Contractor’s General Warranty and Guarantee	32
6.20 Indemnification.....	33
6.21 Delegation of Professional Design Services.....	34
Article 7 – Other Work at the Site	34
7.01 Related Work at Site.....	34
7.02 Coordination	35
7.03 Legal Relationships	35
Article 8 – Owner’s Responsibilities	36
8.01 Communications to Contractor	36
8.02 Replacement of Engineer	36
8.03 Furnish Data	36
8.04 Pay When Due.....	36
8.05 Lands and Easements; Reports and Tests.....	36
8.06 Insurance.....	36
8.07 Change Orders.....	36
8.08 Inspections, Tests, and Approvals	36
8.09 Limitations on Owner’s Responsibilities.....	36
8.10 Undisclosed Hazardous Environmental Condition	37
8.11 Evidence of Financial Arrangements.....	37
8.12 Compliance with Safety Program	37
Article 9 – Engineer’s Status During Construction.....	37
9.01 Owner’s Representative	37
9.02 Visits to Site.....	37
9.03 Project Representative.....	38

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

9.04	Authorized Variations in Work.....	38
9.05	Rejecting Defective Work.....	38
9.06	Shop Drawings, Change Orders and Payments.....	38
9.07	Determinations for Unit Price Work.....	38
9.08	Decisions on Requirements of Contract Documents and Acceptability of Work.....	39
9.09	Limitations on Engineer’s Authority and Responsibilities	39
9.10	Compliance with Safety Program	40
Article 10 – Changes in the Work; Claims.....		40
10.01	Authorized Changes in the Work.....	40
10.02	Unauthorized Changes in the Work.....	40
10.03	Execution of Change Orders	40
10.04	Notification to Surety	40
10.05	Claims	41
Article 11 – Cost of the Work; Allowances; Unit Price Work		42
11.01	Cost of the Work	42
11.02	Allowances	44
11.03	Unit Price Work.....	44
Article 12 – Change of Contract Price; Change of Contract Times		45
12.01	Change of Contract Price	45
12.02	Change of Contract Times	46
12.03	Delays	46
Article 13 – Tests and Inspections; Correction, Removal or Acceptance of Defective Work		47
13.01	Notice of Defects.....	47
13.02	Access to Work.....	47
13.03	Tests and Inspections.....	47
13.04	Uncovering Work	48
13.05	Owner May Stop the Work	48
13.06	Correction or Removal of Defective Work	49
13.07	Correction Period.....	49
13.08	Acceptance of Defective Work	50
13.09	Owner May Correct Defective Work	50
Article 14 – Payments to Contractor and Completion		51
14.01	Schedule of Values.....	51
14.02	Progress Payments.....	51
14.03	Contractor’s Warranty of Title.....	53
14.04	Substantial Completion	53
14.05	Partial Utilization.....	54
14.06	Final Inspection	55
14.07	Final Payment.....	55
14.08	Final Completion Delayed	56
14.09	Waiver of Claims.....	56

STANDARD GENERAL CONDITIONS

Article 15 – Suspension of Work and Termination..... 56
 15.01 Owner May Suspend Work..... 56
 15.02 Owner May Terminate for Cause 57
 15.03 Owner May Terminate For Convenience 58
 15.04 Contractor May Stop Work or Terminate..... 58

Article 16 – Dispute Resolution..... 58
 16.01 Methods and Procedures 58

Article 17 – Miscellaneous 59
 17.01 Giving Notice 59
 17.02 Computation of Times..... 59
 17.03 Cumulative Remedies 59
 17.04 Survival of Obligations 60
 17.05 Controlling Law..... 60
 17.06 Headings 60

ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument which is evidence of the agreement between Owner and Contractor covering the Work.
 3. *Application for Payment*—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Asbestos*—Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 5. *Bid*—The offer or proposal of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 6. *Bidder*—The individual or entity who submits a Bid directly to Owner.
 7. *Bidding Documents*—The Bidding Requirements and the proposed Contract Documents (including all Addenda).
 8. *Bidding Requirements*—The advertisement or invitation to bid, Instructions to Bidders, Bid security of acceptable form, if any, and the Bid Form with any supplements.
 9. *Change Order*—A document recommended by Engineer which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.
 10. *Claim*—A demand or assertion by Owner or Contractor seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.
 11. *Contract*—The entire and integrated written agreement between the Owner and Contractor concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.

12. *Contract Documents*—Those items so designated in the Agreement. Only printed or hard copies of the items listed in the Agreement are Contract Documents. Approved Shop Drawings, other Contractor submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.
13. *Contract Price*—The moneys payable by Owner to Contractor for completion of the Work in accordance with the Contract Documents as stated in the Agreement (subject to the provisions of Paragraph 11.03 in the case of Unit Price Work).
14. *Contract Times*—The number of days or the dates stated in the Agreement to: (i) achieve Milestones, if any; (ii) achieve Substantial Completion; and (iii) complete the Work so that it is ready for final payment as evidenced by Engineer's written recommendation of final payment.
15. *Contractor*—The individual or entity with whom Owner has entered into the Agreement.
16. *Cost of the Work*—See Paragraph 11.01 for definition.
17. *Drawings*—That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
18. *Effective Date of the Agreement*—The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.
19. *Engineer*—The individual or entity named as such in the Agreement.
20. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.
21. *General Requirements*—Sections of Division 1 of the Specifications.
22. *Hazardous Environmental Condition*—The presence at the Site of Asbestos, PCBs, Petroleum, Hazardous Waste, or Radioactive Material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto.
23. *Hazardous Waste*—The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
24. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
25. *Liens*—Charges, security interests, or encumbrances upon Project funds, real property, or personal property.

26. *Milestone*—A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.
27. *Notice of Award*—The written notice by Owner to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, Owner will sign and deliver the Agreement.
28. *Notice to Proceed*—A written notice given by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work under the Contract Documents.
29. *Owner*—The individual or entity with whom Contractor has entered into the Agreement and for whom the Work is to be performed.
30. *PCBs*—Polychlorinated biphenyls.
31. *Petroleum*—Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Waste and crude oils.
32. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor's plan to accomplish the Work within the Contract Times.
33. *Project*—The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
34. *Project Manual*—The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.
35. *Radioactive Material*—Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
36. *Resident Project Representative*—The authorized representative of Engineer who may be assigned to the Site or any part thereof.
37. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
38. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements to support scheduled performance of related construction activities.

39. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor’s Applications for Payment.
40. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
41. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
42. *Specifications*—That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
43. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
44. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
45. *Successful Bidder*—The Bidder submitting a responsive Bid to whom Owner makes an award.
46. *Supplementary Conditions*—That part of the Contract Documents which amends or supplements these General Conditions.
47. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.
48. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
49. *Unit Price Work*—Work to be paid for on the basis of unit prices.
50. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.

51. *Work Change Directive*—A written statement to Contractor issued on or after the Effective Date of the Agreement and signed by Owner and recommended by Engineer ordering an addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.02 *Terminology*

- A. The words and terms discussed in Paragraph 1.02.B through F are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.

B. *Intent of Certain Terms or Adjectives:*

1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.09 or any other provision of the Contract Documents.

C. *Day:*

1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.

D. *Defective:*

1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or

- b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
- c. has been damaged prior to Engineer's recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 14.04 or 14.05).

E. *Furnish, Install, Perform, Provide:*

- 1. The word "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
- 2. The word "install," when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
- 3. The words "perform" or "provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
- 4. When "furnish," "install," "perform," or "provide" is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of Contractor, "provide" is implied.

- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 Delivery of Bonds and Evidence of Insurance

- A. When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds as Contractor may be required to furnish.
- B. *Evidence of Insurance:* Before any Work at the Site is started, Contractor and Owner shall each deliver to the other, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which Contractor and Owner respectively are required to purchase and maintain in accordance with Article 5.

2.02 Copies of Documents

- A. Owner shall furnish to Contractor up to ten printed or hard copies of the Drawings and Project Manual. Additional copies will be furnished upon request at the cost of reproduction.

2.03 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement, whichever date is earlier.

2.04 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to the date on which the Contract Times commence to run.

2.05 *Before Starting Construction*

- A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Agreement (unless otherwise specified in the General Requirements), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract Documents;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.06 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.05.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit instructions, receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.07 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference attended by Contractor, Engineer, and others as appropriate will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.05.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.
1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that reasonably may be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the indicated result will be provided whether or not specifically called for, at no additional cost to Owner.
- C. Clarifications and interpretations of the Contract Documents shall be issued by Engineer as provided in Article 9.

3.02 *Reference Standards*

- A. Standards, Specifications, Codes, Laws, and Regulations
1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

2. No provision of any such standard, specification, manual, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the Contract Documents. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies:*

1. *Contractor's Review of Contract Documents Before Starting Work:* Before undertaking each part of the Work, Contractor shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy which Contractor discovers, or has actual knowledge of, and shall obtain a written interpretation or clarification from Engineer before proceeding with any Work affected thereby.
2. *Contractor's Review of Contract Documents During Performance of Work:* If, during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) any standard, specification, manual, or code, or (c) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 6.16.A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in Paragraph 3.04.
3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. *Resolving Discrepancies:*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. the provisions of any standard, specification, manual, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference in the Contract Documents); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

3.04 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof by either a Change Order or a Work Change Directive.
- B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, by one or more of the following ways:
 - 1. A Field Order;
 - 2. Engineer's approval of a Shop Drawing or Sample (subject to the provisions of Paragraph 6.17.D.3); or
 - 3. Engineer's written interpretation or clarification.

3.05 *Reuse of Documents*

- A. Contractor and any Subcontractor or Supplier shall not:
 - 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions; or
 - 2. reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

3.06 *Electronic Data*

- A. Unless otherwise stated in the Supplementary Conditions, the data furnished by Owner or Engineer to Contractor, or by Contractor to Owner or Engineer, that may be relied upon are limited to the printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.
- B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the transferring party.

- C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

**ARTICLE 4 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS;
HAZARDOUS ENVIRONMENTAL CONDITIONS; REFERENCE POINTS**

4.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work. Owner will obtain in a timely manner and pay for easements for permanent structures or permanent changes in existing facilities. If Contractor and Owner are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in Owner's furnishing the Site or a part thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.02 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
1. those reports known to Owner of explorations and tests of subsurface conditions at or contiguous to the Site; and
 2. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities).
- B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions, or information.

4.03 *Differing Subsurface or Physical Conditions*

A. *Notice:* If Contractor believes that any subsurface or physical condition that is uncovered or revealed either:

1. is of such a nature as to establish that any “technical data” on which Contractor is entitled to rely as provided in Paragraph 4.02 is materially inaccurate; or
2. is of such a nature as to require a change in the Contract Documents; or
3. differs materially from that shown or indicated in the Contract Documents; or
4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.

B. *Engineer’s Review:* After receipt of written notice as required by Paragraph 4.03.A, Engineer will promptly review the pertinent condition, determine the necessity of Owner’s obtaining additional exploration or tests with respect thereto, and advise Owner in writing (with a copy to Contractor) of Engineer’s findings and conclusions.

C. *Possible Price and Times Adjustments:*

1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in Contractor’s cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must meet any one or more of the categories described in Paragraph 4.03.A; and
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraphs 9.07 and 11.03.

2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times if:
 - a. Contractor knew of the existence of such conditions at the time Contractor made a final commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or
 - b. the existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such final commitment; or
 - c. Contractor failed to give the written notice as required by Paragraph 4.03.A.
3. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefor as provided in Paragraph 10.05. However, neither Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall be liable to Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

4.04 *Underground Facilities*

- A. *Shown or Indicated:* The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:
 1. Owner and Engineer shall not be responsible for the accuracy or completeness of any such information or data provided by others; and
 2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all such information and data;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents;
 - c. coordination of the Work with the owners of such Underground Facilities, including Owner, during construction; and
 - d. the safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.

B. *Not Shown or Indicated:*

1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer. Engineer will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence or location of the Underground Facility. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
2. If Engineer concludes that a change in the Contract Documents is required, a Work Change Directive or a Change Order will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, Owner or Contractor may make a Claim therefor as provided in Paragraph 10.05.

4.05 *Reference Points*

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.06 *Hazardous Environmental Condition at Site*

- A. *Reports and Drawings:* The Supplementary Conditions identify those reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at the Site.
- B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
 2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
 3. any Contractor interpretation of or conclusion drawn from any "technical data" or any such other data, interpretations, opinions or information.
- C. Contractor shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work. Contractor shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible.
- D. If Contractor encounters a Hazardous Environmental Condition or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 6.16.A); and (iii) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 4.06.E.
- E. Contractor shall not be required to resume Work in connection with such condition or in any affected area until after Owner has obtained any required permits related thereto and delivered written notice to Contractor: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, either party may make a Claim therefor as provided in Paragraph 10.05.
- F. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in Paragraph 10.05. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 7.

- G. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.G shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- H. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.H shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- I. The provisions of Paragraphs 4.02, 4.03, and 4.04 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 – BONDS AND INSURANCE

5.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish performance and payment bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all of Contractor's obligations under the Contract Documents. These bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 13.07, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. Contractor shall also furnish such other bonds as are required by the Contract Documents.
- B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations and shall be executed by such sureties as are named in the list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.

- C. If the surety on any bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.01.B, Contractor shall promptly notify Owner and Engineer and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 5.01.B and 5.02.

5.02 *Licensed Sureties and Insurers*

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

5.03 *Certificates of Insurance*

- A. Contractor shall deliver to Owner, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Owner or any other additional insured) which Contractor is required to purchase and maintain.
- B. Owner shall deliver to Contractor, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Contractor or any other additional insured) which Owner is required to purchase and maintain.
- C. Failure of Owner to demand such certificates or other evidence of Contractor's full compliance with these insurance requirements or failure of Owner to identify a deficiency in compliance from the evidence provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.
- D. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor.
- E. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner in the Contract Documents.

5.04 *Contractor's Insurance*

- A. Contractor shall purchase and maintain such insurance as is appropriate for the Work being performed and as will provide protection from claims set forth below which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

1. claims under workers' compensation, disability benefits, and other similar employee benefit acts;
 2. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees;
 3. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees;
 4. claims for damages insured by reasonably available personal injury liability coverage which are sustained:
 - a. by any person as a result of an offense directly or indirectly related to the employment of such person by Contractor, or
 - b. by any other person for any other reason;
 5. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and
 6. claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
- B. The policies of insurance required by this Paragraph 5.04 shall:
1. with respect to insurance required by Paragraphs 5.04.A.3 through 5.04.A.6 inclusive, be written on an occurrence basis, include as additional insureds (subject to any customary exclusion regarding professional liability) Owner and Engineer, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds, and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby;
 2. include at least the specific coverages and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;
 3. include contractual liability insurance covering Contractor's indemnity obligations under Paragraphs 6.11 and 6.20;
 4. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Contractor pursuant to Paragraph 5.03 will so provide);

5. remain in effect at least until final payment and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work in accordance with Paragraph 13.07; and
6. include completed operations coverage:
 - a. Such insurance shall remain in effect for two years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to Owner and any such additional insured of continuation of such insurance at final payment and one year thereafter.

5.05 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 5.04, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.

5.06 *Property Insurance*

- A. Unless otherwise provided in the Supplementary Conditions, Owner shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
 1. include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee;
 2. be written on a Builder's Risk "all-risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than that caused by flood), and such other perils or causes of loss as may be specifically required by the Supplementary Conditions.
 3. include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);
 4. cover materials and equipment stored at the Site or at another location that was agreed to in writing by Owner prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by Engineer;

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

5. allow for partial utilization of the Work by Owner;
 6. include testing and startup; and
 7. be maintained in effect until final payment is made unless otherwise agreed to in writing by Owner, Contractor, and Engineer with 30 days written notice to each other loss payee to whom a certificate of insurance has been issued.
- B. Owner shall purchase and maintain such equipment breakdown insurance or additional property insurance as may be required by the Supplementary Conditions or Laws and Regulations which will include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee.
- C. All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other loss payee to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with Paragraph 5.07.
- D. Owner shall not be responsible for purchasing and maintaining any property insurance specified in this Paragraph 5.06 to protect the interests of Contractor, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions. The risk of loss within such identified deductible amount will be borne by Contractor, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense.
- E. If Contractor requests in writing that other special insurance be included in the property insurance policies provided under this Paragraph 5.06, Owner shall, if possible, include such insurance, and the cost thereof will be charged to Contractor by appropriate Change Order. Prior to commencement of the Work at the Site, Owner shall in writing advise Contractor whether or not such other insurance has been procured by Owner.

5.07 *Waiver of Rights*

- A. Owner and Contractor intend that all policies purchased in accordance with Paragraph 5.06 will protect Owner, Contractor, Subcontractors, and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered thereby. All such policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or loss payees thereunder. Owner and Contractor waive all rights against each other and their respective officers, directors, members, partners, employees, agents, consultants

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by Owner as trustee or otherwise payable under any policy so issued.

- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for:
1. loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
 2. loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial utilization pursuant to Paragraph 14.05, after Substantial Completion pursuant to Paragraph 14.04, or after final payment pursuant to Paragraph 14.07.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 5.07.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them.

5.08 *Receipt and Application of Insurance Proceeds*

- A. Any insured loss under the policies of insurance required by Paragraph 5.06 will be adjusted with Owner and made payable to Owner as fiduciary for the loss payees, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.08.B. Owner shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof, and the Work and the cost thereof covered by an appropriate Change Order.
- B. Owner as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within 15 days after the occurrence of loss to Owner's exercise of this power. If such objection be made, Owner as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, Owner as fiduciary shall

adjust and settle the loss with the insurers and, if required in writing by any party in interest, Owner as fiduciary shall give bond for the proper performance of such duties.

5.09 *Acceptance of Bonds and Insurance; Option to Replace*

- A. If either Owner or Contractor has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non-conformance with the Contract Documents, the objecting party shall so notify the other party in writing within 10 days after receipt of the certificates (or other evidence requested) required by Paragraph 2.01.B. Owner and Contractor shall each provide to the other such additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the bonds and insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent bonds or insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly.

5.10 *Partial Utilization, Acknowledgment of Property Insurer*

- A. If Owner finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 14.05, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to Paragraph 5.06 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 – CONTRACTOR'S RESPONSIBILITIES

6.01 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Contractor shall not be responsible for the negligence of Owner or Engineer in the design or specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

6.02 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours. Contractor will not permit the performance of Work on a Saturday, Sunday, or any legal holiday without Owner's written consent (which will not be unreasonably withheld) given after prior written notice to Engineer.

6.03 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.
- B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.04 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.07 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.07) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.
 - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 12. Adjustments in Contract Times may only be made by a Change Order.

6.05 *Substitutes and “Or-Equals”*

A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or “or-equal” item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to Engineer for review under the circumstances described below.

1. *“Or-Equal” Items:* If in Engineer’s sole discretion an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by Engineer as an “or-equal” item, in which case review and approval of the proposed item may, in Engineer’s sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this Paragraph 6.05.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:

a. in the exercise of reasonable judgment Engineer determines that:

- 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
- 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole; and
- 3) it has a proven record of performance and availability of responsive service.

b. Contractor certifies that, if approved and incorporated into the Work:

- 1) there will be no increase in cost to the Owner or increase in Contract Times; and
- 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.

2. *Substitute Items:*

a. If in Engineer’s sole discretion an item of material or equipment proposed by Contractor does not qualify as an “or-equal” item under Paragraph 6.05.A.1, it will be considered a proposed substitute item.

b. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. Requests for review of proposed substitute items of material or equipment will not be accepted by Engineer from anyone other than Contractor.

c. The requirements for review by Engineer will be as set forth in Paragraph 6.05.A.2.d, as supplemented by the General Requirements, and as Engineer may decide is appropriate under the circumstances.

- d. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
- 1) shall certify that the proposed substitute item will:
 - a) perform adequately the functions and achieve the results called for by the general design,
 - b) be similar in substance to that specified, and
 - c) be suited to the same use as that specified;
 - 2) will state:
 - a) the extent, if any, to which the use of the proposed substitute item will prejudice Contractor's achievement of Substantial Completion on time,
 - b) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
 - c) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty;
 - 3) will identify:
 - a) all variations of the proposed substitute item from that specified, and
 - b) available engineering, sales, maintenance, repair, and replacement services; and
 - 4) shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change.
- B. *Substitute Construction Methods or Procedures:* If a specific means, method, technique, sequence, or procedure of construction is expressly required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by Engineer. Contractor shall submit sufficient information to allow Engineer, in Engineer's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by Engineer will be similar to those provided in Paragraph 6.05.A.2.
- C. *Engineer's Evaluation:* Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.05.A and 6.05.B. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until Engineer's review is complete, which will be evidenced by a Change Order in the case of a substitute and an approved Shop Drawing for an "or equal." Engineer will advise Contractor in writing of any negative determination.
- D. *Special Guarantee:* Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.

- E. *Engineer's Cost Reimbursement:* Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor pursuant to Paragraphs 6.05.A.2 and 6.05.B. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- F. *Contractor's Expense:* Contractor shall provide all data in support of any proposed substitute or "or-equal" at Contractor's expense.

6.06 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to Owner as indicated in Paragraph 6.06.B), whether initially or as a replacement, against whom Owner may have reasonable objection. Contractor shall not be required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom Contractor has reasonable objection.
- B. If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to Owner in advance for acceptance by Owner by a specified date prior to the Effective Date of the Agreement, and if Contractor has submitted a list thereof in accordance with the Supplementary Conditions, Owner's acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Change Order will be issued. No acceptance by Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of Owner or Engineer to reject defective Work.
- C. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor's own acts and omissions. Nothing in the Contract Documents:
 - 1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier or other individual or entity; nor
 - 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- D. Contractor shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with Contractor.

- E. Contractor shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with Engineer through Contractor.
- F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- G. All Work performed for Contractor by a Subcontractor or Supplier will be pursuant to an appropriate agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer. Whenever any such agreement is with a Subcontractor or Supplier who is listed as a loss payee on the property insurance provided in Paragraph 5.06, the agreement between the Contractor and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against Owner, Contractor, Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, Contractor will obtain the same.

6.07 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.08 *Permits*

- A. Unless otherwise provided in the Supplementary Conditions, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective Date of the Agreement. Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

6.09 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work. However, it shall not be Contractor's responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.
- C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work shall be the subject of an adjustment in Contract Price or Contract Times. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

6.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

6.11 *Use of Site and Other Areas*

A. *Limitation on Use of Site and Other Areas:*

- 1. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
- 2. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

3. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

- B. *Removal of Debris During Performance of the Work:* During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.

- C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.

- D. *Loading Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to Engineer for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to Engineer for Owner.

6.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
 1. all persons on the Site or who may be affected by the Work;
 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.

- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.
- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- F. Contractor's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 14.07.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

6.14 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

6.16 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

6.17 *Shop Drawings and Samples*

- A. Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals (as required by Paragraph 2.07). Each submittal will be identified as Engineer may require.
1. *Shop Drawings:*
 - a. Submit number of copies specified in the General Requirements.
 - b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 6.17.D.
 2. *Samples:*
 - a. Submit number of Samples specified in the Specifications.
 - b. Clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 6.17.D.
- B. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. *Submittal Procedures:*
1. Before submitting each Shop Drawing or Sample, Contractor shall have:
 - a. reviewed and coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
 - c. determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
 2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review and approval of that submittal.

3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both a written communication separate from the Shop Drawings or Sample submittal; and, in addition, by a specific notation made on each Shop Drawing or Sample submitted to Engineer for review and approval of each such variation.

D. Engineer's Review:

1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
3. Engineer's review and approval shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 6.17.C.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer's review and approval shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 6.17.C.1.

E. Resubmittal Procedures:

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

6.18 *Continuing the Work*

- A. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraph 15.04 or as Owner and Contractor may otherwise agree in writing.

6.19 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on representation of Contractor's warranty and guarantee.
- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:

1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:
1. observations by Engineer;
 2. recommendation by Engineer or payment by Owner of any progress or final payment;
 3. the issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 4. use or occupancy of the Work or any part thereof by Owner;
 5. any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by Engineer;
 6. any inspection, test, or approval by others; or
 7. any correction of defective Work by Owner.

6.20 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable .
- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 6.20.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

- C. The indemnification obligations of Contractor under Paragraph 6.20.A shall not extend to the liability of Engineer and Engineer's officers, directors, members, partners, employees, agents, consultants and subcontractors arising out of:
1. the preparation or approval of, or the failure to prepare or approve maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

6.21 *Delegation of Professional Design Services*

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable law.
- B. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this Paragraph 6.21, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 6.17.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

ARTICLE 7 – OTHER WORK AT THE SITE

7.01 *Related Work at Site*

- A. Owner may perform other work related to the Project at the Site with Owner's employees, or through other direct contracts therefor, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:
1. written notice thereof will be given to Contractor prior to starting any such other work; and

2. if Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefor as provided in Paragraph 10.05.
- B. Contractor shall afford each other contractor who is a party to such a direct contract, each utility owner, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work, and properly coordinate the Work with theirs. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected. The duties and responsibilities of Contractor under this Paragraph are for the benefit of such utility owners and other contractors to the extent that there are comparable provisions for the benefit of Contractor in said direct contracts between Owner and such utility owners and other contractors.
- C. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 7, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

7.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in Supplementary Conditions:
1. the individual or entity who will have authority and responsibility for coordination of the activities among the various contractors will be identified;
 2. the specific matters to be covered by such authority and responsibility will be itemized; and
 3. the extent of such authority and responsibilities will be provided.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

7.03 *Legal Relationships*

- A. Paragraphs 7.01.A and 7.02 are not applicable for utilities not under the control of Owner.
- B. Each other direct contract of Owner under Paragraph 7.01.A shall provide that the other contractor is liable to Owner and Contractor for the reasonable direct delay and disruption costs incurred by Contractor as a result of the other contractor's wrongful actions or inactions.
- C. Contractor shall be liable to Owner and any other contractor under direct contract to Owner for the reasonable direct delay and disruption costs incurred by such other contractor as a result of Contractor's wrongful action or inactions.

ARTICLE 8 – OWNER’S RESPONSIBILITIES

8.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

8.02 *Replacement of Engineer*

- A. In case of termination of the employment of Engineer, Owner shall appoint an engineer to whom Contractor makes no reasonable objection, whose status under the Contract Documents shall be that of the former Engineer.

8.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

8.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in Paragraphs 14.02.C and 14.07.C.

8.05 *Lands and Easements; Reports and Tests*

- A. Owner’s duties with respect to providing lands and easements and providing engineering surveys to establish reference points are set forth in Paragraphs 4.01 and 4.05. Paragraph 4.02 refers to Owner’s identifying and making available to Contractor copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

8.06 *Insurance*

- A. Owner’s responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 5.

8.07 *Change Orders*

- A. Owner is obligated to execute Change Orders as indicated in Paragraph 10.03.

8.08 *Inspections, Tests, and Approvals*

- A. Owner’s responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 13.03.B.

8.09 *Limitations on Owner’s Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor’s means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and

Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 4.06.

8.11 *Evidence of Financial Arrangements*

A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract Documents.

8.12 *Compliance with Safety Program*

A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed pursuant to Paragraph 6.13.D.

ARTICLE 9 – ENGINEER'S STATUS DURING CONSTRUCTION

9.01 *Owner's Representative*

A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract Documents.

9.02 *Visits to Site*

A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.

B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 9.09. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

9.03 *Project Representative*

- A. If Owner and Engineer agree, Engineer will furnish a Resident Project Representative to assist Engineer in providing more extensive observation of the Work. The authority and responsibilities of any such Resident Project Representative and assistants will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 9.09. If Owner designates another representative or agent to represent Owner at the Site who is not Engineer's consultant, agent or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

9.04 *Authorized Variations in Work*

- A. Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on Owner and also on Contractor, who shall perform the Work involved promptly. If Owner or Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, and the parties are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

9.05 *Rejecting Defective Work*

- A. Engineer will have authority to reject Work which Engineer believes to be defective, or that Engineer believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Engineer will also have authority to require special inspection or testing of the Work as provided in Paragraph 13.04, whether or not the Work is fabricated, installed, or completed.

9.06 *Shop Drawings, Change Orders and Payments*

- A. In connection with Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, see Paragraph 6.17.
- B. In connection with Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, see Paragraph 6.21.
- C. In connection with Engineer's authority as to Change Orders, see Articles 10, 11, and 12.
- D. In connection with Engineer's authority as to Applications for Payment, see Article 14.

9.07 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of Paragraph 10.05.

9.08 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. All matters in question and other matters between Owner and Contractor arising prior to the date final payment is due relating to the acceptability of the Work, and the interpretation of the requirements of the Contract Documents pertaining to the performance of the Work, will be referred initially to Engineer in writing within 30 days of the event giving rise to the question.
- B. Engineer will, with reasonable promptness, render a written decision on the issue referred. If Owner or Contractor believes that any such decision entitles them to an adjustment in the Contract Price or Contract Times or both, a Claim may be made under Paragraph 10.05. The date of Engineer's decision shall be the date of the event giving rise to the issues referenced for the purposes of Paragraph 10.05.B.
- C. Engineer's written decision on the issue referred will be final and binding on Owner and Contractor, subject to the provisions of Paragraph 10.05.
- D. When functioning as interpreter and judge under this Paragraph 9.08, Engineer will not show partiality to Owner or Contractor and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

9.09 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 14.07.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals that the results certified indicate compliance with, the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 9.09 shall also apply to the Resident Project Representative, if any, and assistants, if any.

9.10 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Engineer has been informed pursuant to Paragraph 6.13.D.

ARTICLE 10 – CHANGES IN THE WORK; CLAIMS

10.01 *Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work by a Change Order, or a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).
- B. If Owner and Contractor are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefor as provided in Paragraph 10.05.

10.02 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in Paragraph 3.04, except in the case of an emergency as provided in Paragraph 6.16 or in the case of uncovering Work as provided in Paragraph 13.04.D.

10.03 *Execution of Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders recommended by Engineer covering:
 - 1. changes in the Work which are: (i) ordered by Owner pursuant to Paragraph 10.01.A, (ii) required because of acceptance of defective Work under Paragraph 13.08.A or Owner's correction of defective Work under Paragraph 13.09, or (iii) agreed to by the parties;
 - 2. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive; and
 - 3. changes in the Contract Price or Contract Times which embody the substance of any written decision rendered by Engineer pursuant to Paragraph 10.05; provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provisions of the Contract Documents and applicable Laws and Regulations, but during any such appeal, Contractor shall carry on the Work and adhere to the Progress Schedule as provided in Paragraph 6.18.A.

10.04 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

10.05 *Claims*

- A. *Engineer's Decision Required:* All Claims, except those waived pursuant to Paragraph 14.09, shall be referred to the Engineer for decision. A decision by Engineer shall be required as a condition precedent to any exercise by Owner or Contractor of any rights or remedies either may otherwise have under the Contract Documents or by Laws and Regulations in respect of such Claims.
- B. *Notice:* Written notice stating the general nature of each Claim shall be delivered by the claimant to Engineer and the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto. The responsibility to substantiate a Claim shall rest with the party making the Claim. Notice of the amount or extent of the Claim, with supporting data shall be delivered to the Engineer and the other party to the Contract within 60 days after the start of such event (unless Engineer allows additional time for claimant to submit additional or more accurate data in support of such Claim). A Claim for an adjustment in Contract Price shall be prepared in accordance with the provisions of Paragraph 12.01.B. A Claim for an adjustment in Contract Times shall be prepared in accordance with the provisions of Paragraph 12.02.B. Each Claim shall be accompanied by claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant believes it is entitled as a result of said event. The opposing party shall submit any response to Engineer and the claimant within 30 days after receipt of the claimant's last submittal (unless Engineer allows additional time).
- C. *Engineer's Action:* Engineer will review each Claim and, within 30 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any, take one of the following actions in writing:
1. deny the Claim in whole or in part;
 2. approve the Claim; or
 3. notify the parties that the Engineer is unable to resolve the Claim if, in the Engineer's sole discretion, it would be inappropriate for the Engineer to do so. For purposes of further resolution of the Claim, such notice shall be deemed a denial.
- D. In the event that Engineer does not take action on a Claim within said 30 days, the Claim shall be deemed denied.
- E. Engineer's written action under Paragraph 10.05.C or denial pursuant to Paragraphs 10.05.C.3 or 10.05.D will be final and binding upon Owner and Contractor, unless Owner or Contractor invoke the dispute resolution procedure set forth in Article 16 within 30 days of such action or denial.
- F. No Claim for an adjustment in Contract Price or Contract Times will be valid if not submitted in accordance with this Paragraph 10.05.

ARTICLE 11 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

11.01 *Cost of the Work*

A. *Costs Included:* The term Cost of the Work means the sum of all costs, except those excluded in Paragraph 11.01.B, necessarily incurred and paid by Contractor in the proper performance of the Work. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the costs to be reimbursed to Contractor will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by Owner, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 11.01.B, and shall include only the following items:

1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.
2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Owner. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.
3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 11.01.
4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.
5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers,

which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.

- c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
- d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
- e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
- f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 5.06.D), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.
- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance Contractor is required by the Contract Documents to purchase and maintain.

B. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:

- 1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.01.A.1 or specifically covered by Paragraph 11.01.A.4, all of which are to be considered administrative costs covered by the Contractor's fee.
- 2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
- 3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraphs 11.01.A.

C. *Contractor's Fee:* When all the Work is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 12.01.C.

D. *Documentation:* Whenever the Cost of the Work for any purpose is to be determined pursuant to Paragraphs 11.01.A and 11.01.B, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

11.02 *Allowances*

A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.

B. *Cash Allowances:*

1. Contractor agrees that:

- a. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
- b. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.

C. *Contingency Allowance:*

1. Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.

D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.03 *Unit Price Work*

A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.

- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by Contractor will be made by Engineer subject to the provisions of Paragraph 9.07.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Owner or Contractor may make a Claim for an adjustment in the Contract Price in accordance with Paragraph 10.05 if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - 2. there is no corresponding adjustment with respect to any other item of Work; and
 - 3. Contractor believes that Contractor is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 12 – CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.01 Change of Contract Price

- A. The Contract Price may only be changed by a Change Order. Any Claim for an adjustment in the Contract Price shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. The value of any Work covered by a Change Order or of any Claim for an adjustment in the Contract Price will be determined as follows:
 - 1. where the Work involved is covered by unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 11.03); or
 - 2. where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 12.01.C.2); or
 - 3. where the Work involved is not covered by unit prices contained in the Contract Documents and agreement to a lump sum is not reached under Paragraph 12.01.B.2, on the basis of the Cost of the Work (determined as provided in Paragraph 11.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 12.01.C).
- C. *Contractor's Fee:* The Contractor's fee for overhead and profit shall be determined as follows:
 - 1. a mutually acceptable fixed fee; or

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. for costs incurred under Paragraphs 11.01.A.1 and 11.01.A.2, the Contractor's fee shall be 15 percent;
 - b. for costs incurred under Paragraph 11.01.A.3, the Contractor's fee shall be five percent;
 - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 12.01.C.2.a and 12.01.C.2.b is that the Subcontractor who actually performs the Work, at whatever tier, will be paid a fee of 15 percent of the costs incurred by such Subcontractor under Paragraphs 11.01.A.1 and 11.01.A.2 and that any higher tier Subcontractor and Contractor will each be paid a fee of five percent of the amount paid to the next lower tier Subcontractor;
 - d. no fee shall be payable on the basis of costs itemized under Paragraphs 11.01.A.4, 11.01.A.5, and 11.01.B;
 - e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
 - f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 12.01.C.2.a through 12.01.C.2.e, inclusive.

12.02 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Claim for an adjustment in the Contract Times shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. Any adjustment of the Contract Times covered by a Change Order or any Claim for an adjustment in the Contract Times will be determined in accordance with the provisions of this Article 12.

12.03 *Delays*

- A. Where Contractor is prevented from completing any part of the Work within the Contract Times due to delay beyond the control of Contractor, the Contract Times will be extended in an amount equal to the time lost due to such delay if a Claim is made therefor as provided in Paragraph 12.02.A. Delays beyond the control of Contractor shall include, but not be limited to, acts or neglect by Owner, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.
- B. If Owner, Engineer, or other contractors or utility owners performing other work for Owner as contemplated by Article 7, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

- C. If Contractor is delayed in the performance or progress of the Work by fire, flood, epidemic, abnormal weather conditions, acts of God, acts or failures to act of utility owners not under the control of Owner, or other causes not the fault of and beyond control of Owner and Contractor, then Contractor shall be entitled to an equitable adjustment in Contract Times, if such adjustment is essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays described in this Paragraph 12.03.C.
- D. Owner, Engineer, and their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall not be liable to Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.
- E. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delays within the control of Contractor. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of Contractor.

ARTICLE 13 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.01 *Notice of Defects*

- A. Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor. Defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.02 *Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

13.03 *Tests and Inspections*

- A. Contractor shall give Engineer timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.
- B. Owner shall employ and pay for the services of an independent testing laboratory to perform all inspections, tests, or approvals required by the Contract Documents except:
1. for inspections, tests, or approvals covered by Paragraphs 13.03.C and 13.03.D below;
 2. that costs incurred in connection with tests or inspections conducted pursuant to Paragraph 13.04.B shall be paid as provided in Paragraph 13.04.C; and
 3. as otherwise specifically provided in the Contract Documents.

- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work; or acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to Owner and Engineer.
- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation.
- F. Uncovering Work as provided in Paragraph 13.03.E shall be at Contractor's expense unless Contractor has given Engineer timely notice of Contractor's intention to cover the same and Engineer has not acted with reasonable promptness in response to such notice.

13.04 *Uncovering Work*

- A. If any Work is covered contrary to the written request of Engineer, it must, if requested by Engineer, be uncovered for Engineer's observation and replaced at Contractor's expense.
- B. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment.
- C. If it is found that the uncovered Work is defective, Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05.
- D. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.

13.05 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.06 *Correction or Removal of Defective Work*

- A. Promptly after receipt of written notice, Contractor shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by Engineer, remove it from the Project and replace it with Work that is not defective. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).
- B. When correcting defective Work under the terms of this Paragraph 13.06 or Paragraph 13.07, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.

13.07 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by Owner or permitted by Laws and Regulations as contemplated in Paragraph 6.11.A is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 - 1. repair such defective land or areas; or
 - 2. correct such defective Work; or
 - 3. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and
 - 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others) will be paid by Contractor.
- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this Paragraph 13.07, the correction period hereunder with respect to such Work will

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.

- E. Contractor's obligations under this Paragraph 13.07 are in addition to any other obligation or warranty. The provisions of this Paragraph 13.07 shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

13.08 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner (and, prior to Engineer's recommendation of final payment, Engineer) prefers to accept it, Owner may do so. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness) and for the diminished value of the Work to the extent not otherwise paid by Contractor pursuant to this sentence. If any such acceptance occurs prior to Engineer's recommendation of final payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work, and Owner shall be entitled to an appropriate decrease in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05. If the acceptance occurs after such recommendation, an appropriate amount will be paid by Contractor to Owner.

13.09 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace rejected Work as required by Engineer in accordance with Paragraph 13.06.A, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, Owner may, after seven days written notice to Contractor, correct, or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 13.09, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, take possession of Contractor's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this Paragraph.
- C. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 13.09 will be charged against Contractor, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount of the adjustment, Owner may make a Claim therefor as provided in Paragraph 10.05. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.

- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 13.09.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.01 *Schedule of Values*

- A. The Schedule of Values established as provided in Paragraph 2.07.A will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed.

14.02 *Progress Payments*

A. *Applications for Payments:*

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
2. Beginning with the second Application for Payment, each Application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
3. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

B. *Review of Applications:*

1. Engineer will, within 10 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to Owner or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;

- b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 9.07, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
 3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract Documents; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
 4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work, or
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
 - d. to make any examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
 5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 14.02.B.2. Engineer may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, or completed Work has been damaged, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;
 - c. Owner has been required to correct defective Work or complete Work in accordance with Paragraph 13.09; or

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

- d. Engineer has actual knowledge of the occurrence of any of the events enumerated in Paragraph 15.02.A.

C. Payment Becomes Due:

1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended will (subject to the provisions of Paragraph 14.02.D) become due, and when due will be paid by Owner to Contractor.

D. Reduction in Payment:

1. Owner may refuse to make payment of the full amount recommended by Engineer because:
 - a. claims have been made against Owner on account of Contractor's performance or furnishing of the Work;
 - b. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens;
 - c. there are other items entitling Owner to a set-off against the amount recommended; or
 - d. Owner has actual knowledge of the occurrence of any of the events enumerated in Paragraphs 14.02.B.5.a through 14.02.B.5.c or Paragraph 15.02.A.
2. If Owner refuses to make payment of the full amount recommended by Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, when Contractor remedies the reasons for such action.
3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 14.02.C.1 and subject to interest as provided in the Agreement.

14.03 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to Owner no later than the time of payment free and clear of all Liens.

14.04 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete (except for items specifically listed by Contractor as incomplete) and request that Engineer issue a certificate of Substantial Completion.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.

- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. Owner shall have seven days after receipt of the tentative certificate during which to make written objection to Engineer as to any provisions of the certificate or attached list. If, after considering such objections, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the tentative certificate to Owner, notify Contractor in writing, stating the reasons therefor. If, after consideration of Owner's objections, Engineer considers the Work substantially complete, Engineer will, within said 14 days, execute and deliver to Owner and Contractor a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as Engineer believes justified after consideration of any objections from Owner.
- D. At the time of delivery of the tentative certificate of Substantial Completion, Engineer will deliver to Owner and Contractor a written recommendation as to division of responsibilities pending final payment between Owner and Contractor with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless Owner and Contractor agree otherwise in writing and so inform Engineer in writing prior to Engineer's issuing the definitive certificate of Substantial Completion, Engineer's aforesaid recommendation will be binding on Owner and Contractor until final payment.
- E. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the tentative list.

14.05 *Partial Utilization*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. Owner at any time may request Contractor in writing to permit Owner to use or occupy any such part of the Work which Owner believes to be ready for its intended use and substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 14.04.A through D for that part of the Work.
 - 2. Contractor at any time may notify Owner and Engineer in writing that Contractor considers any such part of the Work ready for its intended use and substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
 - 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 14.04 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.

4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 5.10 regarding property insurance.

14.06 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.07 *Final Payment*

A. *Application for Payment:*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, marked-up record documents (as provided in Paragraph 6.12), and other documents, Contractor may make application for final payment following the procedure for progress payments.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required by Paragraph 5.04.B.6;
 - b. consent of the surety, if any, to final payment;
 - c. a list of all Claims against Owner that Contractor believes are unsettled; and
 - d. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of or Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 14.07.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien.

B. *Engineer's Review of Application and Acceptance:*

1. If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract Documents have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of

payment and present the Application for Payment to Owner for payment. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable subject to the provisions of Paragraph 14.09. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due:

1. Thirty days after the presentation to Owner of the Application for Payment and accompanying documentation, the amount recommended by Engineer, less any sum Owner is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages, will become due and will be paid by Owner to Contractor.

14.08 *Final Completion Delayed*

- A. If, through no fault of Contractor, final completion of the Work is significantly delayed, and if Engineer so confirms, Owner shall, upon receipt of Contractor's final Application for Payment (for Work fully completed and accepted) and recommendation of Engineer, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by Owner for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if bonds have been furnished as required in Paragraph 5.01, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Engineer with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

14.09 *Waiver of Claims*

- A. The making and acceptance of final payment will constitute:
 1. a waiver of all Claims by Owner against Contractor, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.06, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from Contractor's continuing obligations under the Contract Documents; and
 2. a waiver of all Claims by Contractor against Owner other than those previously made in accordance with the requirements herein and expressly acknowledged by Owner in writing as still unsettled.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

15.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by notice in writing to Contractor and Engineer which will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be granted an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if Contractor makes a Claim therefor as provided in Paragraph 10.05.

15.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will justify termination for cause:
1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule established under Paragraph 2.07 as adjusted from time to time pursuant to Paragraph 6.04);
 2. Contractor's disregard of Laws or Regulations of any public body having jurisdiction;
 3. Contractor's repeated disregard of the authority of Engineer; or
 4. Contractor's violation in any substantial way of any provisions of the Contract Documents.
- B. If one or more of the events identified in Paragraph 15.02.A occur, Owner may, after giving Contractor (and surety) seven days written notice of its intent to terminate the services of Contractor:
1. exclude Contractor from the Site, and take possession of the Work and of all Contractor's tools, appliances, construction equipment, and machinery at the Site, and use the same to the full extent they could be used by Contractor (without liability to Contractor for trespass or conversion);
 2. incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere; and
 3. complete the Work as Owner may deem expedient.
- C. If Owner proceeds as provided in Paragraph 15.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Owner arising out of or relating to completing the Work, such excess will be paid to Contractor. If such claims, costs, losses, and damages exceed such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this Paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- D. Notwithstanding Paragraphs 15.02.B and 15.02.C, Contractor's services will not be terminated if Contractor begins within seven days of receipt of notice of intent to terminate to correct its failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of said notice.
- E. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due Contractor by Owner will not release Contractor from liability.
- F. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 5.01.A, the termination procedures of that bond shall supersede the provisions of Paragraphs 15.02.B and 15.02.C.

15.03 *Owner May Terminate For Convenience*

- A. Upon seven days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;
 3. all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
 4. reasonable expenses directly attributable to termination.
- B. Contractor shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

15.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (i) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (ii) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (iii) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the Contract and recover from Owner payment on the same terms as provided in Paragraph 15.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this Paragraph 15.04 are not intended to preclude Contractor from making a Claim under Paragraph 10.05 for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this Paragraph.

ARTICLE 16 – DISPUTE RESOLUTION

16.01 *Methods and Procedures*

- A. Either Owner or Contractor may request mediation of any Claim submitted to Engineer for a decision under Paragraph 10.05 before such decision becomes final and binding. The mediation will be governed by the Construction Industry Mediation Rules of the American Arbitration Association in effect as of the Effective Date of the Agreement. The request for mediation shall be submitted in writing to the American

Copyright © 2007 National Society of Professional Engineers for EJCDC, All rights reserved

Arbitration Association and the other party to the Contract. Timely submission of the request shall stay the effect of Paragraph 10.05.E.

- B. Owner and Contractor shall participate in the mediation process in good faith. The process shall be concluded within 60 days of filing of the request. The date of termination of the mediation shall be determined by application of the mediation rules referenced above.
- C. If the Claim is not resolved by mediation, Engineer's action under Paragraph 10.05.C or a denial pursuant to Paragraphs 10.05.C.3 or 10.05.D shall become final and binding 30 days after termination of the mediation unless, within that time period, Owner or Contractor:
 - 1. elects in writing to invoke any dispute resolution process provided for in the Supplementary Conditions; or
 - 2. agrees with the other party to submit the Claim to another dispute resolution process; or
 - 3. gives written notice to the other party of the intent to submit the Claim to a court of competent jurisdiction.

ARTICLE 17 – MISCELLANEOUS

17.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
 - 1. delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended; or
 - 2. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.02 *Computation of Times*

- A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract Documents. The provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.04 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

17.05 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

17.06 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

1. THE GENERAL CONDITIONS: The General Conditions shall apply to all WORK in the Contract Documents, except as otherwise specified in the Supplementary Conditions. Requirements of the Supplementary Conditions supersede those of the General Conditions.
2. COMMENCEMENT AND COMPLETION OF WORK: The CONTRACTOR shall commence the WORK on the date indicated in the Notice of Proceed and shall diligently prosecute said WORK so as to complete the entire project and place it in use within the calendar days noted.
3. SCOPE OF THE WORK: The WORK includes the furnishing of all necessary machinery, equipment, tools, labor and other construction means, and all materials and equipment required to perform the WORK and Specifications and including the placing of the WORK into satisfactory operation.
4. LOCATION: The WORK under this Contract will be located in Peach County, Georgia as shown on the Construction Drawings.
5. NON-DISCRIMINATION: It is the policy of the Project Sponsor (OWNER) not to discriminate on the basis of age, race, sex, color, national origin or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this project, the Contractor certifies and warrants it will comply with this policy.
6. Sponsors and contractors must follow the flood hazard area requirements of the Flood Disaster Protection Act of 1973 contained in 40 CFR Part 30.
7. Fire and Extended Coverage Insurance (Builder's Risk):
 - a. The Contractor shall maintain, as applicable, in an Insurance Company or Insurance Companies acceptable to the Owner, Fire, Extended Coverage and Vandalism and Malicious Mischief Insurance on buildings and structures, while in the course of construction, including foundations, additions, attachments and all permanent fixtures belonging to and constituting a part of said buildings or structures. The policy or policies shall also cover machinery if the cost of machinery is included in the Contract. The amount of insurance must at all times be at least equal to the actual cash value of the insured property. The policy shall be in the name of the Owner and the Contractor, as their interests may appear, and shall also cover the interests of all subcontractors performing work.
 - b. The Contractor shall provide the Owner with satisfactory evidence certifying that the foregoing insurance is in force; and such evidence shall include provisions that the insurance shall not be cancelled, allowed to expire or be materially changed without giving the Owner advance notice by registered mail.

SUPPLEMENTARY GENERAL CONDITIONS

- c. Cancellation and Re-Insurance: If any insurance should be cancelled or changed by the insurance company or should any insurance expire during the period of this contract, the Contractor shall be responsible for securing other acceptable insurance to provide the coverage specified in this section to maintain continuous coverage during the life of this contract.
8. SUB-CONTRACTOR LIST: CONTRACTOR shall supply a list of all sub-contractors within seven days after bid opening.
9. EXTENSION OF TIME AND FAILURE TO COMPLETE ON TIME: Any and all extensions of time shall be in accordance with the General Conditions, except as otherwise hereinafter provided.

Failure to complete the Project on or before the stipulated completion date will result in the assessment of liquidated damages in the amount stated in the Bid.

10. CONSTRUCTION EXHIBITS: The WORK shall conform to the following construction exhibits:

Description

Project Location Map
 Powersville Road
 Lakeview Road
 Clopine Lake Road
 Preston Road
 Taylors Mill Road (north)
 Taylors Mill Road (south)
 Kewanee Drive
 E Seminole Drive
 W Seminole Drive
 Rum Road
 Old Oak Road
 Old Hickory Road
 Red Oak Road
 Woolfolk Road
 Knoxville Street
 Willow Lake Road
 Camp John Hope Road
 Norwood Springs Road
 Industrial S Park Road
 Buckeye Road
 Lane Road
 Mathews Road
 North Peach Park Parking Lot
 Miscellaneous Details

11. REPORTS AND DRAWINGS USED BY THE ENGINEER: In the preparation of Drawings and Specifications, ENGINEER has relied upon:

NONE

12. SANITARY CONVENIENCES: The CONTRACTOR shall provide adequate sanitary conveniences for use of those employed on the WORK and their use shall be strictly enforced. Such convenience shall be made available when the first employees arrive on the site and shall be removed after the departure of the last employees from the job.

13. ENVIRONMENTAL IMPACT: The CONTRACTOR shall conduct all operations so as to minimize, to the greatest extent possible, adverse environmental impact.

- a. Noise: All equipment and machinery shall be provided with exhaust mufflers maintained in good working order so as to reduce operating noise to minimum levels.
- b. Dust/Smoke: All equipment movements shall be accompanied by a minimum of dust. Traveled surfaces and earthwork shall be maintained in a moist condition to avoid the generation of dust or the airborne movement of particulate matter under all prevailing atmospheric conditions.

Burning operations will be conducted only with written permission of the OWNER and/or appropriate regulatory agency. The CONTRACTOR shall be responsible for obtaining all permits and comply with all codes, ordinances and regulations pertaining to the burning.

- c. Traffic: Trucks shall be routed over roads which will result in the least effect on traffic and nuisance to the public. All material shall be loaded in a manner which will preclude the loss of any portion of the load in transit, including covering, if necessary.
- d. Sedimentation: All points of concentrated runoff from rainfall shall be visually monitored to determine that no eroded material from the construction site is being deposited offsite. Measures shall be taken to promptly eliminate such a deposition if occurring, including the installation of detention basins.
- e. Fuel & Lubrication Spills: All Spills shall be removed from the site immediately by the CONTRACTOR. No residue from the spill shall remain on site.
14. UTILITIES: Underground and aboveground utilities such as sewer, water, communication, and electric lines encountered in the WORK shall be protected from injury and maintained in service until moved or replaced as required under this Contract or by others as the case may be or abandoned as may be necessary for the proper construction and use of the new WORK.
15. ADJUSTMENT OF DISCREPANCIES: In all cases of discrepancies between the various dimensions and details shown on drawings, or between the drawings and these

specifications, the more expensive construction shall be estimated before construction is started, the matter shall be submitted to the OWNER for clarification. Without such a decision, discrepancies shall be adjusted by the CONTRACTOR at his own risk and in settlement of any complications arising from such adjustment, the CONTRACTOR shall bear all of the extra expense involved.

16. RESTORATION: The CONTRACTOR shall conduct his operations so that restoration of concrete floors, walls, doors, paving, grassed slopes, etc. is complete at the time a request for final review is made by the CONTRACTOR.
17. MAINTENANCE DURING CONSTRUCTION: The CONTRACTOR shall maintain the WORK from the beginning of construction operations until final acceptance. This maintenance shall constitute continuous and effective WORK prosecuted day by day with adequate equipment and forces to the end that the site and structures thereon are kept in satisfactory condition at all times, including satisfactory signing or marking as appropriate and control of traffic where required by use of traffic control devices as required by the State in which this project is located.

Upon completion of the WORK, the CONTRACTOR shall remove all construction signs and barriers before final acceptance.

While undergoing improvements, the roads shall be kept open whenever possible to all traffic by the CONTRACTOR. The CONTRACTOR shall keep the portion of the site being used by public traffic, whenever possible, whether it be through or local traffic, in such condition that traffic will be adequately accommodated. The CONTRACTOR shall bear all costs of signs and markings as required and other maintenance WORK during construction and before the WORK is accepted and of constructing and maintaining such approaches, crossings, intersections, and other features as may be necessary without direct compensation.

Single lane closures will be allowed at the CONTRACTOR'S discretion. Flaggers, work zone signs, and work zones must be set-up and maintained in accordance with MUTCD standards. All flaggers must have a flagger training certification acceptable to GDOT.

For complete road closure, a detour plan shall be submitted to engineer three days prior to the planned closure. Detour signs and markings shall be installed in accordance with the approved detour plan prior to road closure. The Owner shall be notified at least 24-hours prior to closure of the road so that emergency services can be given adequate notification. Temporary electronic signs informing the traveling public of the road closure shall be placed in both directions two-days prior to road closure.

The Owner shall be notified immediately upon road being reopened.

18. BARRICADES, DANGER, WARNING & DETOUR SIGNS: The CONTRACTOR shall provide, erect, and maintain all necessary barricades, suitable and sufficient lights, danger signals, signs and other traffic control devices, and shall take all necessary

precautions for the protection of the WORK and safety of the public. Highways and streets closed to traffic shall be protected by effective barricades, and obstructions shall be lighted during hours of darkness. Suitable warning signs shall be provided to properly control and direct traffic.

Contractor shall set up all roadway work zones and perform all traffic control in accordance with the Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) 2009 addition. Temporary signs may be reused, provided they are in good condition and legible. All protective devices shall be kept in a good, legible condition while in use.

As soon as construction advances to the extent that temporary barricades, and signs are no longer needed to inform the traveling public, such signs shall be promptly removed.

The cost of furnishing, erecting, maintaining, and removing protective devices will **not** be paid for as a separate Bid item. Where the CONTRACTOR is required to perform any of these functions, the cost thereof shall be included in the overall Bid submitted. Ownership of the temporary warning devices shall remain with the CONTRACTOR.

All workers working in Peach County Right-of-Way must wear ANSI Class II or Class III High Visibility apparel during daylight hours and ANSI Class III High Visibility apparel during non-daylight hours.

19. ACCESS FOR INSPECTION: Access for inspection shall be provided for representatives of the Federal, State, or local government agencies, suppliers, the OWNER, or the Owner's representative.
20. LIMITS OF LIABILITY: The limits of liability for the insurance required by paragraph 5.04 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:
 - a. Minimum General Liability Insurance: \$2,000,000 aggregate, \$1,000,000 per occurrence
 - b. Minimum Automobile Liability Insurance: \$2,000,000 aggregate, \$1,000,000 per occurrence
 - c. Minimum Workers Compensation Insurance: \$500,000
21. Paragraph 5.06 of the General Conditions and all references thereto are not applicable to this Contract Agreement.
22. Disputes will be resolved by judicial process in the Peach County Superior Court. This dispute resolution method shall be used in lieu of the methods and procedures specified in Article 16 of the Standard General Conditions.

23. LIENS

The Contractor shall furnish the Owner the Final Affidavit attached to the contract agreement verifying all suppliers of materials, equipment and service, subcontractors, mechanics, and laborers have been paid and there are no outstanding obligations or claims of any kind for the payment of which Peach County on the above named projects might be liable for which liens arising out of this contract for which a lien could be filed. In lieu of the above, the Contractor may at his/her option furnish a bond to indemnify the Owner against all hazards of liens. Neither part nor final payment shall in any way release the Contractor from the above obligation and in the event that part or full payment has been made and any lien remains un-discharged, the Contractor shall refund to the Owner the necessary funds to discharge such a lien including all cost and attorney's fees.

24. RETAINAGE OF CONTRACTOR'S PAYMENT: The retainage shall be an amount equal to 10% of CONTRACTOR's partial pay estimate until 50% completion. Further payments shall be made in full to the CONTRACTOR and no additional amounts shall be retained unless the ENGINEER certifies that the job is not proceeding satisfactorily but amounts previously retained shall not be paid to the CONTRACTOR. At 50% completion or any time thereafter when the progress of the WORK is not satisfactory, additional amounts may be retained but in no event shall the total retainage be more than 20% of the value of the WORK completed. Upon substantial completion of the WORK, any amount retained may be paid to the CONTRACTOR. When the WORK has been substantially completed except for WORK which cannot be completed because of weather conditions, lack of materials or other reasons which in the judgment of the OWNER are valid reasons for noncompletion, the OWNER may make additional payments, retaining at all times an amount sufficient to cover the estimated cost of the WORK still to be completed.

Partial pay estimates may include stored materials. CONTRACTOR must submit invoices and all materials must be located at the site of the WORK. Retainage will not be held on stored materials.

25. WORKER HEALTH AND SAFETY: The CONTRACTOR acknowledges all applicable rules and regulations of Occupational Safety and Health Administration (OSHA) and the State of Georgia with regard to worker health and safety. The CONTRACTOR shall also submit a job-specific Health and Safety Plan to the OWNER for their records prior to commencing WORK.
26. ACCESS ROAD DAMAGE: Any damage to the access roads or parking areas caused by the CONTRACTOR shall be repaired by the CONTRACTOR at his own expense.

END OF SECTION

SECTION 00950

PEACH COUNTY CONTRACT CONDITIONS (BID FORMS)

COMPLETE AND SUBMIT

FORM A

VENDOR INFORMATION

COMPANY NAME: _____

CONTACT PERSON: _____ TITLE: _____

BUSINESS ADDRESS: _____

PHONE: _____ FAX: _____

EMAIL: _____

TYPE OF BUSINESS: (CIRCLE ONE) CORPORATION PARTNERSHIP SOLE PROPRIETOR

Have you done business with Peach County in the past? (circle one) YES NO

Do you participate in the E-Verify Program? (circle one) YES NO

Do you have a Federal Tax ID number? (circle one) YES NO

The information contained in this document is true to the best of my knowledge and I understand that giving false, misleading or deceptive information is considered unlawful and may be punishable by penalties of prosecution based on Georgia law.

Signature

Date

Revised August 2014

COMPLETE AND SUBMIT

FORM B

Form **W-9**
(Rev. November 2017)
Department of the Treasury
Internal Revenue Service

**Request for Taxpayer
Identification Number and Certification**

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

Individual/sole proprietor or single-member LLC C Corporation S Corporation Partnership Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions. Requester's name and address (optional)

6 City, state, and ZIP code

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

____ - ____ - _____

or

Employer identification number

____ - _____

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ _____ Date ▶ _____

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

COMPLETE AND SUBMIT

FORM C

**Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)
Contractor E-Verify Affidavit**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____,201__.

NOTARY PUBLIC

My Commission Expires:

COMPLETE AND SUBMIT

FORM E

GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT (OCGA 13-10-91)

SUBCONTRACTOR E-VERIFY AFFIDAVIT

SUBCONTRACTOR'S NAME: _____

CONTRACTOR'S NAME: _____

By executing this affidavit, the undersigned Subcontractor verifies its compliance with OCGA § 13-10-91, stating affirmatively that the Subcontractor which is engaged in the physical performance of services under a contract with the Contractor identified above on behalf of PEACH COUNTY BOARD OF COMMISSIONERS has registered with and is participating in the E-Verify program in accordance with the applicability provisions and deadlines established in OCGA 13-10-91.

Federal Work Authorization User Identification Number
(4-6 digit number can be found on MOU)

Date of Authorization

Name of Project

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, _____, 201__ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE ____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires: _____

COMPLETE AND SUBMIT IF APPLICABLE

FORM F

Private Employer Exemption Affidavit Pursuant To O.C.G.A. § 36-60-6(d)

By executing this affidavit, the undersigned private employer verifies that it is exempt from compliance with O.C.G.A. § 36-60-6, stating affirmatively that the individual, firm, or corporation has NO employees that you are the sole proprietor of _____ and are not required to register with and/or utilize the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 36-60-6.

I hereby declare under penalty of perjury that the foregoing is true and correct.
Executed on _____, ____ 201__ in _____ (city), _____ (state).

Printed Name of Exempt Private Employer

Signature of Exempt Private Employer or
Authorized Officer or Agent

Printed Name and Title of Person Executing Affidavit

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires:

COMPLETE AND SUBMIT

FORM G

CERTIFICATION BY CONTRACTOR

Regarding: NON-SEGREGATED FACILITIES

The **Contractor** certifies that he does not, and will not, provide and maintain segregated facilities for his employees at his establishments and, further that he does not, and will not, permit his employees to perform their services at those locations, under his control, where segregated facilities are provided and maintained. Segregated facilities include, but are not necessarily limited to, drinking fountains, transportation, parking, entertainment, recreation, and housing facilities; waiting, rest, wash, dressing, and locker rooms, and time clock, **Work**, storage, restaurant, and other eating areas which are set apart in fact, or by explicit directive, habit, local custom, or otherwise, on the basis of color, creed, national origin, and race. The **Contractor** agrees that, except where he has obtained identical certifications from proposed subcontractor for specific time periods, he will obtain identical certifications from proposed subcontractor prior to the award of subcontracts exceeding \$10,000.00 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain such certifications in his files.

The **Contractor** agrees that a breach of this certification is a violation of the Equal Opportunity clause in this Contract. The penalty for making false statements is prescribed in 18 U.S.C. 1001.

Contractor (Print)

(Signature)

Name of Signer (Print)

Title of Signer

Date

**COMPLETE AND SUBMIT
CERTIFICATION BY CONTRACTOR**

FORM H

Regarding: Drug-Free Workplace Act

The Contractor certifies that provisions of Sections 50-24-1 through 50-24-6 of the Official Code of Georgia annotated, relating to the “Drug-Free Workplace Act” have been, and will be, complied with in full, including compliance by subcontractors performing work under this Agreement.

Contractor (Print)

(Signature)

Name of Signer (Print)

Title of Signer

Date

**COMPLETE AND SUBMIT
NON-COLLUSION AFFIDAVIT OF PRIME CONTRACTOR**

FORM I

State of _____, County of _____

_____, being first duly sworn,
deposes and says that:

1. He/She is _____ (County, Partner, Officer, Representative, or Agent) of the Contractor that has submitted the attached bid;
2. He/She is fully informed respecting the preparation and contents of the attached bid and of all pertinent circumstances respecting such bid;
3. Such bid is genuine and is not a collusive or sham bid;
4. Neither the said Contractor nor any of its officers, partners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Contractor, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached bid has been submitted to or refrain from Proposing in connection with such Contract, or has in any collusion or communication or conference with any other Contractor, firm or person to fix the price or prices in the attached bid or of any other Contractor, or to fix any overhead, profit or cost element of the bid price or the bid price of any other Contractor, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Peach County or any person interested in the proposed Contract; and,
5. The price or prices bid in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Contractor or any of its agents, representatives, County's employees, or parties in interest, including this affiant.

Signature _____

Name (Print) _____

Title (Print) _____

Subscribed and sworn to before me

This _____ day of _____ 20__

(SEAL)

Title

COMPLETE AND SUBMIT

FORM J

CONFLICT OF INTEREST CERTIFICATION

By signing and submitting this Bid I hereby certify that employees of this company or employees of any company supplying material or subcontracting to do Work on this Contract will not engage in business ventures with employees of Peach County or Peach County Consultants nor shall they provide gifts, gratuities, favors, entertainment, loans, or other items of value to employees of Peach County.

Also, by signing and submitting this Contract, I hereby certify that I will notify Peach County through its Director of Public Works of any business ventures entered into between employees of this company or employees of any company supplying material or subcontracting to do Work on this Contract with a family member of Peach County employees.

Contractor

(Signature)

Name of Signer

Title of Signer

Date

COMPLETE AND SUBMIT

FORM K

INDEMNITY AGREEMENT

This indemnity agreement made and entered into in favor of PEACH COUNTY (“COUNTY”), a municipal corporation, by _____.

WHEREAS, _____ has submitted a bid to COUNTY so as to provide _____.

NOW, THEREFORE, as an additional consideration in COUNTY awarding the bid to _____.

_____ agrees to indemnify and hold harmless COUNTY, its agents, principals, officers, and employees, their successors and assigns, individually and collectively, with respect to all claims, demands or liability for any injuries to any person (including death) or damage to any property arising out of any alleged negligence of COUNTY, its officers, agents, or employees in connection with said bid /award; provided this indemnity shall not extend to any damage, injury or loss due to COUNTY’s sole negligence or willful misconduct of COUNTY. _____ shall defend against all such claims and pay expenses of such defense, including reasonable attorney fees, and all judgments based thereon.

WITNESS THE HAND AND SEAL of the _____ pursuant to proper corporate authority ____ day of _____, 2021.

[CORPORATE NAME]

By: _____

Title _____

Attest: _____

Title _____

[Affix Corporate Seal]

COMPLETE AND SUBMIT

FORM L

**TITLE VI CIVIL RIGHTS ACT OF 1964
CONTRACTOR AGREEMENT**

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

- (1) **Compliance with Regulations:** The Contractor shall comply with the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter, “DOT”) Title 49, Code of Federal Regulation, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made part of this Contract.
- (2) **Nondiscrimination:** The Contractor, with regard to the work performed by it during the Contract, shall not discriminate on the grounds of race, religion, color, sex, age, national origin, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 or the Regulations, including employment practices when the Contract covers a program set forth in Appendix B of the Regulations.
- (3) **Solicitations for Subcontracts, including procurements of materials and equipment:** In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractors obligations under this Contract and the Regulations relative to nondiscrimination on the grounds of race, religion, color, sex, age, national origin, or disability.
- (4) **Information and Reports:** The Contractor shall provide all information and reports required by Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the recipient or the FTA to pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information is required or a Contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the recipient, or the FTA, as appropriate, and shall set forth what efforts it has made to obtain the information.
- (5) **Sanctions for Noncompliance:** In the event of the Contractors noncompliance with the nondiscrimination provisions of this Contract, the recipient shall impose such Contract sanctions as it or the FTA may determine to be appropriate, including but not limited to:
 2. Withholding of payments to the Contractor under the Contract until the Contractor complies, and/or
 3. Cancellation, termination or suspension of the Contract, in whole or in part.

COMPLETE AND SUBMIT

FORM M

**TITLE VI CIVIL RIGHTS ACT OF 1964
CONTRACTOR AGREEMENT (CONTINUED)**

- (6) Incorporation of Provisions: The Contractor shall include the provisions of paragraph (1) through (5) of this section in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the recipient or the FTA may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that, in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the services of the Attorney General in such litigation to protect the interests of the United States.

DATE: _____

COMPANY NAME: _____

AUTHORIZED REPRESENTATIVE NAME: _____

TITLE: _____

SIGNATURE: _____

COMPLETE AND SUBMIT

FORM N

DEBARRED BIDDERS/INTEGRITY CERTIFICATION

Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion (49 CFR, Part 29):

The Contractor must certify that neither it nor its principals are presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Further, the Contractor certifies that he or she shall obtain an identical certification from all its subcontractors. The Contractor also agrees that when a subcontractor is unable to certify to any of the statements in this certification, the prospective participant shall submit an explanation to the Contractor.

DATE: _____

COMPANY NAME: _____

AUTHORIZED REPRESENTATIVE NAME: _____

TITLE: _____

SIGNATURE: _____

COMPLETE AND SUBMIT

FORM O

DISPUTES DISCLOSURE

Answer the following questions by placing an "X" after "YES" or "NO". If you answer "YES", state the nature of each requests for equitable adjustment, Contract claim or litigation, and include a brief description of the case, the outcome or status or suit and the monetary amount of extended Contract time involved via attachment.

Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulation or any other regulatory agency or professional association within the last five- (5) years? YES [] NO []

If yes, please explain:

Has your firm, or any member of your firm, been declared in default, terminated or removed from a Contract or job related to the services your firm provided in the regular course of business within the last five (5) years?

YES [] NO []

If yes, please explain:

Has your firm had filed against it or filed any request for equitable adjustment, Contract claims or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?

YES [] NO []

If yes, please explain:

I hereby certify that all statements made are true and agree and understand that any misstatement, misrepresentation, or falsification of facts shall be cause for forfeiture of rights for further consideration on this project.

(Firm)

(Date)

AUTHORIZED SIGNATURE

OFFICER/TITLE

PRINTED OR TYPED NAME

STATE OF: _____

COUNTY OF: _____

The foregoing instrument was acknowledged before me this ____ day of _____, 20____.

By _____, of _____ (Corporation), a _____ Corporation, on behalf of the corporation. He/She is personally known to me or has produced _____ as identification.

_____/Notary Public My commission expires: _____

COMPLETE AND SUBMIT

FORM P

LIST OF SUBCONTRACTORS

The bidder shall list below the name and business address of each subcontractor who will perform work under this Contract in excess of five percent of the Contractor's total bid price, and shall also list the portion of the work which will be done by such subcontractor. The listing of more than one subcontractor for each item of work to be performed with the words "and/or" will not be permitted. All information must be provided for each subcontractor. Failure to comply with this requirement shall render the proposal (bid) non-responsive and shall cause its rejection. (Attach additional sheets if required.). All subcontractors listed must complete and submit Form E, Subcontractor E-verify Affidavit with this bid.

Work to be preformed	Subcontractor License Number (If Required)	Percent of Total Contract	Subcontractor's Legal Name, Address, and Phone #

END OF SECTION

Technical Specifications

- A. Georgia Department of Transportation “Standard Specifications Construction of Transportation Systems” latest revision are incorporated into these specifications by reference:

<u>Section Number</u>	<u>Description</u>
150	Traffic Control
163	Miscellaneous Erosion Control Items
205	Roadway Excavation
210	Grading Complete
231	Miscellaneous Construction, Unpaved Roads and Streets
301	Soil-Cement Construction
310	Graded Aggregate Construction
402	Hot Mix Recycled Asphaltic Concrete
413	Bituminous Tack Coat
424	Bituminous Surface Treatment
429	Rumble Strips
432	Mill Asphaltic Concrete Pavement
444	Sawed Joints in Existing Pavements
653	Thermoplastic Traffic Stripe
700	Grassing

- B. Additional Technical Specifications (attached)

01 20 00	Measurement and Payment
32 17 23	Parking Lot Painting and Markings

SECTION 01 20 00
MEASUREMENT & PAYMENT

PART 1 GENERAL

1.1 SCOPE

- A. Work includes furnishing all labor, equipment, tools and materials, which are not furnished by the Owner and performing all operations required to complete the work satisfactorily, in place, as specified and as indicated on the drawings.

- B. Required items of work and incidentals necessary for the satisfactory completion of the Work which are not specifically listed in the bid, and which are not specified in this section to be measured or to be included in one of the items listed in the bid, shall be considered as incidental to the work. All costs thereof, including Contractor's overhead costs and profit, shall be considered as included in the lump sum or unit prices bid for the various bid items. The Contractor shall prepare the bid accordingly.

- C. At his discretion, the Engineer may request detailed cost justification or proof of materials and services delivered to the site. This includes, but not limited to, invoices from material suppliers, sub-contractors, vendors, etc. Failing to provide requested information may be cause for non-payment.

1.2 DESCRIPTIONS

- A. Work will be Performed in accordance with The Georgia Department of Transportation – “Standards Specifications Construction of Transportation Systems”.

- B. Final payment quantities shall be determined from the record drawings. The record drawing lengths, dimensions, quantities, etc. shall be measured by the contractor and confirmed by the Engineer. The Engineer shall make the final quantity determination for pay. The precision of final payment quantities shall match the precision shown for that item in the bid.

- C. Payment will be made by extending unit prices multiplied by quantities provided and then summing the extended prices to reflect actual work. Such price and payment shall constitute full compensation to the Contractor for furnishing all permits, labor, equipment, tools and materials not furnished by the Owner and for performing all operations required to provide to the owner the entire project, complete in place, as specified and as indicated on the drawings

- D. No separate payment will be made for any item of work, materials, parts, equipment, supplies or related items required to perform and complete the work.
- E. The costs for all such items required shall be included in the price bid for item of which it is a part. The Bid Form is provided for the Contractor's convenience and to assign values to the work to be performed. No separate payment shall be made for incidental work required in the contract documents. The total bid amount shall be all inclusive of the work to be performed, in place, complete, and accepted. No separate payment shall be made for any work not specifically listed on the Bid Form but required to perform the work in the bid documents. This work will be considered incidental to the performance of the contract.
- F. "Products" shall mean materials or equipment permanently incorporated into the work. All materials and products used on the site shall be new, shall not be refurbished, and shall be provided specifically for the project.

END OF SECTION

SECTION 32 17 23

PARKING LOT PAINTING AND MARKINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Drawings and general provisions of the contract, including General and Supplementary Conditions, and these specifications. Sections apply if provided, to this Section.

1.2 SUMMARY

- A. This Section includes the following: Furnish and install all painted lines, directional arrows, handicapped symbols, or similar markings on paved surfaces, as shown on the drawings or specified herein, as required by jurisdiction having authority, and as required to complete the work.

- B. Related Work:

Georgia DOT Specification 402-31052

1.3 REFERENCES

- A. Reference Standards: Comply with the requirements of the reference standards noted herein, except where more stringent requirements are described herein or otherwise required by the Contract Documents.
- B. "Manual on Uniform Traffic Control Devices" latest edition.

1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's published descriptive literature and complete specifications for products specified herein.

B. QUALITY ASSURANCE

1. Qualifications: Pavement marking applicator shall be regularly engaged in this type of work, and shall provide adequate, experienced manpower and proper equipment to complete the work.
2. Regulatory Requirements: Comply with applicable provisions of Georgia Department of Transportation, Section 652.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Packing and Shipping: Deliver materials in manufacturer's original, unopened containers, with labels intact and legible and in accordance with manufacturer's recommendations. Materials shall not be stored in freezing temperatures.

1.6 PROJECT CONDITIONS

- A. Environmental Requirements: Do not apply pavement marking when ambient air and pavement surface temperature is below 50°F or when moisture in any form is present on the pavement surface. Temperature shall not drop below 50°F within a 24-hour period following application.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Traffic Marking Paint: Acrylic Waterborne Paint or Low Volatile Organic Compound (VOC) solvent base paint, lead and chromate free, ready-mixed, cold-applied traffic marking paint, white or yellow color as designated on the plans for striping and lane markings, white and blue at international handicapped parking symbols. Paint shall meet or exceed Federal specification TT-P-1952 D, TT-P-1952 E, and TT-P-1952 F Type I and Type II specifications. Acceptable products include Velocity Traffic Paint as manufactured by SealMaster or approved equal.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Examine areas and conditions under which the work of this Section will be performed. Do not proceed with the work until unsatisfactory conditions have been corrected. Commencement of work implies acceptance of all areas and conditions.

3.2 PREPARATION

- A. Surface Preparation: Asphalt and concrete pavement surfaces shall be clean and free from all loose material and dirt. New asphalt surface should cure sufficiently to be free of light oils on the surface (30 days). Allow freshly applied pavement sealer to cure for at least 24 hours prior to applying traffic paint. Allow fresh pavement surfaces to weather at least 30 days prior to application of traffic marking paint.

3.3 APPLICATION

- A. Traffic Marking Paint: Unless otherwise indicated, apply traffic marking paint in nominal 4 inches wide stripes.
- B. Apply Traffic Paint with pressurized line striping spray equipment at wet thickness of 15 to 20 mils (not more than 325 feet of 4" line).
- C. Preformed Plastic Pavement Marking: Apply per manufacturers recommendations.
- D. Patterns and Symbols:
 - 1. Unless otherwise indicated, apply traffic markings in nominal 4-inches wide stripes with clear and sharp dimensions. See drawings for striping patterns, directional arrows and symbols.
 - 2. Unless otherwise indicated, use yellow markings at lane striping, white markings at parking striping and directional symbols, and blue markings at international handicapped symbols.
 - 3. Comply with ANSI 117.1 and ADA requirements for graphic symbols, stall widths, and access aisles at handicapped parking spaces.
 - 4. Provide approved templates for symbols and directional arrows.

END OF SECTION 32 1723

SECTION 32 17 23

PARKING LOT PAINTING AND MARKINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Drawings and general provisions of the contract, including General and Supplementary Conditions, and these specifications. Sections apply if provided, to this Section.

1.2 SUMMARY

A. This Section includes the following: Furnish and install all painted lines, directional arrows, handicapped symbols, or similar markings on paved surfaces, as shown on the drawings or specified herein, as required by jurisdiction having authority, and as required to complete the work.

B. Related Work:

Section 33 12 36 Asphalt Pavement Sealcoating Specification for Parking Lots for materials, installation and minimum requirements.

1.3 REFERENCES

A. Reference Standards: Comply with the requirements of the reference standards noted herein, except where more stringent requirements are described herein or otherwise required by the Contract Documents.

B. "Manual on Uniform Traffic Control Devices" latest edition.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's published descriptive literature and complete specifications for products specified herein.

B. QUALITY ASSURANCE

1. Qualifications: Pavement marking applicator shall be regularly engaged in this type of work, and shall provide adequate, experienced manpower and proper equipment to complete the work.

PARKING LOT PAINTING AND MARKINGS

2. Regulatory Requirements: Comply with applicable provisions of Georgia Department of Transportation, Section 652.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Packing and Shipping: Deliver materials in manufacturer's original, unopened containers, with labels intact and legible and in accordance with manufacturer's recommendations. Materials shall not be stored in freezing temperatures.

1.6 PROJECT CONDITIONS

- A. Environmental Requirements: Do not apply pavement marking when ambient air and pavement surface temperature is below 50°F or when moisture in any form is present on the pavement surface. Temperature shall not drop below 50°F within a 24-hour period following application.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Traffic Marking Paint: Acrylic Waterborne Paint or Low Volatile Organic Compound (VOC) solvent base paint, lead and chromate free, ready-mixed, cold-applied traffic marking paint, white or yellow color as designated on the plans for striping and lane markings, white and blue at international handicapped parking symbols. Paint shall meet or exceed Federal specification TT-P-1952 D, TT-P-1952 E, and TT-P-1952 F Type I and Type II specifications. Acceptable products include Velocity Traffic Paint as manufactured by SealMaster or approved equal.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Examine areas and conditions under which the work of this Section will be performed. Do not proceed with the work until unsatisfactory conditions have been corrected. Commencement of work implies acceptance of all areas and conditions.

3.2 PREPARATION

- A. Surface Preparation: Asphalt and concrete pavement surfaces shall be clean and free from all loose material and dirt. New asphalt surface should cure sufficiently to be free of light oils on the surface (30 days). Allow freshly applied pavement sealer to cure for

PARKING LOT PAINTING AND MARKINGS

at ,least 24 hours prior to applying traffic paint. Allow fresh pavement surfaces to weather at least 30 days prior to application of traffic marking paint.

3.3 APPLICATION

- A. Traffic Marking Paint: Unless otherwise indicated, apply traffic marking paint in nominal 4 inches wide stripes.
- B. Apply Traffic Paint with pressurized line striping spray equipment at wet thickness of 15 to 20 mils (not more than 325 feet of 4" line).
- C. Preformed Plastic Pavement Marking: Apply per manufacturers recommendations.
- D. Patterns and Symbols:
 - 1. Unless otherwise indicated, apply traffic markings in nominal 4-inches wide stripes with clear and sharp dimensions. See drawings for striping patterns, directional arrows and symbols.
 - 2. Unless otherwise indicated, use yellow markings at lane striping, white markings at parking striping and directional symbols, and blue markings at international handicapped symbols.
 - 3. Comply with ANSI 117.1 and ADA requirements for graphic symbols, stall widths, and access aisles at handicapped parking spaces.
 - 4. Provide approved templates for symbols and directional arrows.

END OF SECTION 32 1723

SECTION 33 12 36
ASPHALT PAVEMENT SEALCOATING SPECIFICATION FOR PARKING LOTS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Asphalt Pavement Sealcoating

1.2 REFERENCE STANDARDS

A. American Society for Testing Materials (ASTM)

1. D 2939-03 Standard Test Methods for Emulsified Bitumens Used as Protective Coatings
2. The following ASTM test methods: D140, D466, D490, B117, D529 and D244.
3. SealMaster Coal Tar Ultra consists of SealMaster Coal Tar Concentrate meeting ASTM D5727 plus water, sand and polymer that is factory blended.

B. South Coast Air Quality Management District

1. SCAQMD Method 304 – Determination of Volatile Organic Compounds (VOC) In Various Materials.

C. Federal Specifications for Waterborne Traffic and Airfield Marking Paints

1. TT-P-1952E Types I, II, and III
2. TT-P-1952D
3. TT-P-1952B

1.3 RELATED WORK

Section 32 17 23 – Parking Lot Painting and Markings for materials, installation and minimum requirements.

1.4 SUBMITTALS

A. Product Data

1. Submit manufacturer's Product Data Sheet.

1.5 PROJECT/SITE CONDITIONS

A. Ambient Conditions

1. Both surface and ambient temperature must be a minimum of 50°F and rising before applying cold applied crack fillers, oil spot primers, pavement sealers or traffic paints (materials). Ambient and surface temperature shall not drop below 50°F for a 24-hour period following application of materials.
2. Apply materials during dry conditions when rain is not imminent or forecast for at least 24 hours after application.

B. Pavement/Surface Conditions

1. Newly placed (paved) asphalt pavement surfaces should be allowed to cure a minimum of four (4) weeks under ideal weather conditions (70°F) before applying coatings.
2. New pavement surfaces shall be free of residual oils or chemicals associated with the placement of new asphalt pavement.
3. Aged pavement surfaces shall be cleaned and prepared as recommended in this specification under PART 3 Sections 3.1 thru 3.4 of this specification.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. SealMaster Pavement Products and Equipment or approved equal.

2.2 MATERIALS

A. SealMaster Coal Tar Ultra Pavement Sealer or approved equal

1. Clay-stabilized, mineral filled coal tar emulsion sealcoat
2. Designed for protecting, renewing and beautifying asphalt pavement surfaces
3. Protects pavement against weather, UV rays, and environmental distress
4. Applied to properly cleaned asphalt surface by spray, brush or squeegee
5. Non-volatiles (%): 47 Min.
6. Ash content of non-volatiles (%): 30-40.
7. Specific Gravity @ 25°F: 1.20 Min.
8. Drying Time: 8 hours Max.
9. Adhesion & resistance to water: No penetration or loss of adhesion
10. Resistance to heat: No blistering or sagging
11. Flexibility: No cracking or flaking
12. Resistance to impact: No chipping, Flaking or Cracking

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine pavement surface prior to performing work
- B. Notify owner or project engineer of any adverse or unacceptable conditions that would affect successful repair efforts or application of materials
- C. Do not commence work until unacceptable conditions are corrected

3.2 SURFACE PREPARATION

- A. Surface must be clean and free from all loose material and dirt. Remove grass along edge of pavement to find true edge of pavement. Power blowers, mechanical sweeping devices and push brooms are acceptable cleaning methods.

3.3 PAVEMENT SEALER APPLICATION

- A. Applying Pavement Sealer
 1. Remove all loose material and dirt from pavement surface. Remove grass along edge of pavement to find true edge of pavement. Power blowers, mechanical sweeping devices and push brooms are acceptable cleaning methods.
 2. Equipment used to apply Pavement Sealer shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout the application process. Spray equipment shall be capable of mixing and spraying pavement sealer with sand added. Self-propelled squeegee equipment with mixing capability shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of sealer into pavement surface. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.
 3. Mix Pavement Sealer thoroughly before applying. Note: If needed, a small amount of water may be added to facilitate application.
 4. Apply two coats of mixed Pavement Sealer at a rate of .11 to .13 gallon per square yard per coat to entire pavement area. Allow first coat to dry thoroughly before applying second coat.

SECTION 33 12 36
ASPHALT PAVEMENT SEALCOATING
SPECIFICATION FOR PARKING LOTS

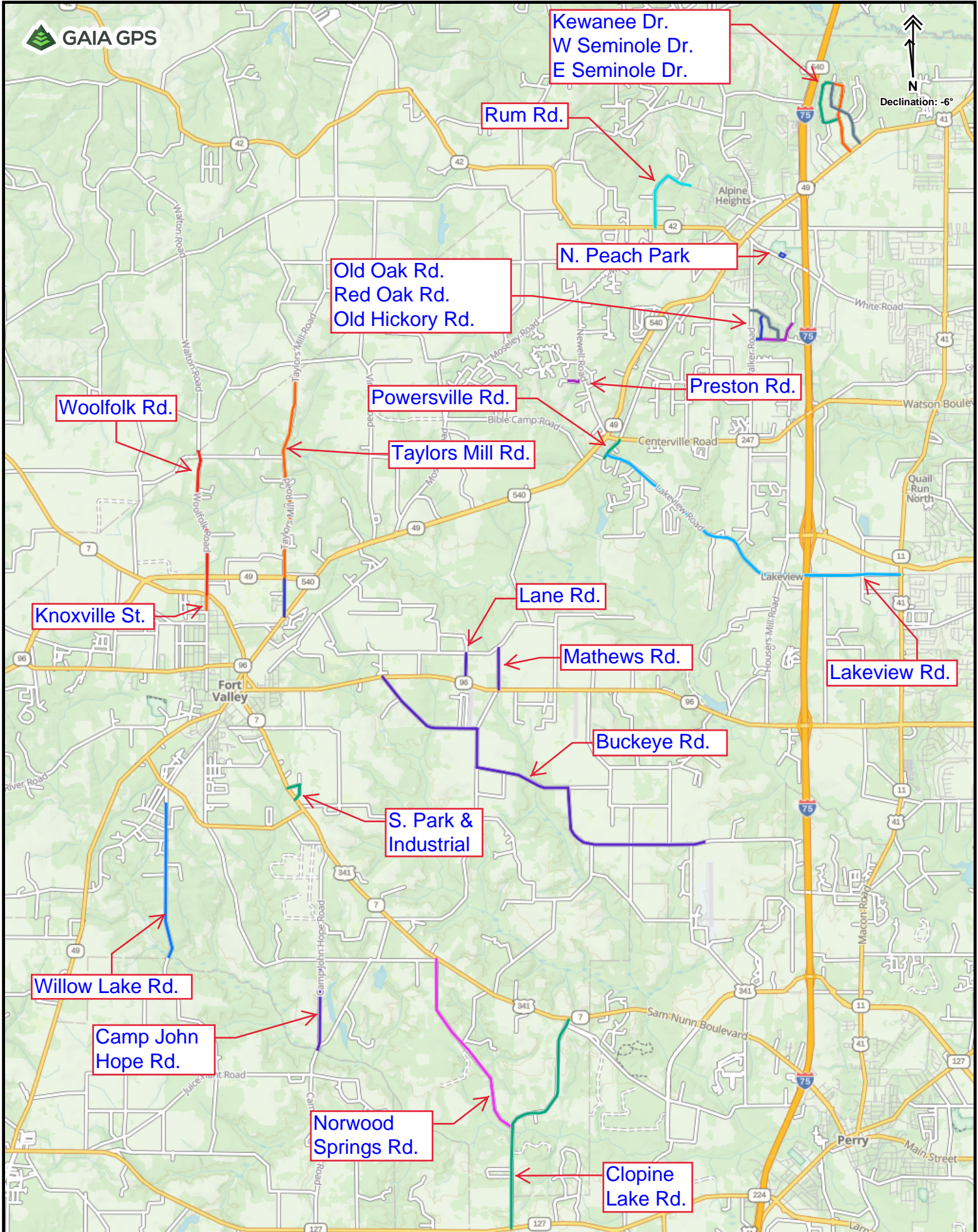
5. Apply a third coat of mixed Pavement Sealer at a rate of .11 to .13 gallon per square yard to high traffic areas including parking area entrances, exits and drive lanes (or as specified in additional diagrams or drawings). Allow second coat to dry thoroughly before applying a third coat to these areas.
6. Allow final coat of pavement sealer to dry 24 hours prior to applying 100 % acrylic water based traffic paint.

3.4 TRAFFIC MARKINGS/LINE STRIPING

- A. Applying Traffic Paint in accordance with Section 32 17 23 – Parking Lot Painting and Markings
- B. Allow paint to dry thoroughly prior to opening to traffic.

END OF SECTION

PROJECT LOCATION MAP



PLAN EXHIBITS

Powersville Road

Lakeview Road

Clopine Lake Road

Preston Road

Taylor's Mill Road (north)

Taylor's Mill Road (south)

North Peach Park

Kewanee Drive

E Seminole Drive

W Seminole Drive

Rum Road

Old Oak Road

Old Hickory Road

Red Oak Road

Woolfolk Road

Knoxville Street

Willow Lake Road

Camp John Hope Road

Norwood Springs Road

Industrial S Park Road

Buckeye Road

Lane Road

Mathews Road

North Peach Park Parking Lot



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

POWERSVILLE ROAD

ROAD RESURFACING - 2022
 FOR THE
 PEACH COUNTY BOARD OF
 COMMISSIONERS

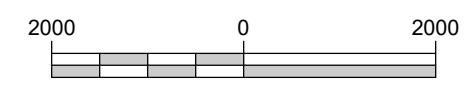
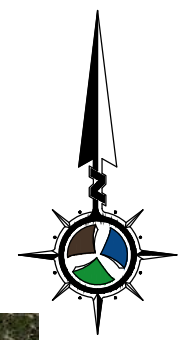
213 PERSONS STREET FORT VALLEY, GA

PROJECT NO.: PCO 057

DATE: SEPTEMBER 2021

SCALE: AS SHOWN

SHEET NO.: ----



p:\pco_057 - road resurfacing\drawings\pco_057-master.dwg | 2/18/2022

TRIPLE POINT ENGINEERING

5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

LAKEVIEW ROAD
 ROAD RESURFACING - 2022
 FOR THE
 PEACH COUNTY BOARD OF
 COMMISSIONERS
 213 PERSONS STREET FORT VALLEY, GA

PROJECT NO.:	PCO 057	DATE:	SEPTEMBER 2021	SCALE:	AS SHOWN	SHEET NO.:	----
--------------	---------	-------	----------------	--------	----------	------------	------



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

CLOPINE ROAD

ROAD RESURFACING - 2022
 FOR THE
 PEACH COUNTY BOARD OF
 COMMISSIONERS

213 PERSONS STREET FORT VALLEY, GA

PROJECT NO.: PCO 057

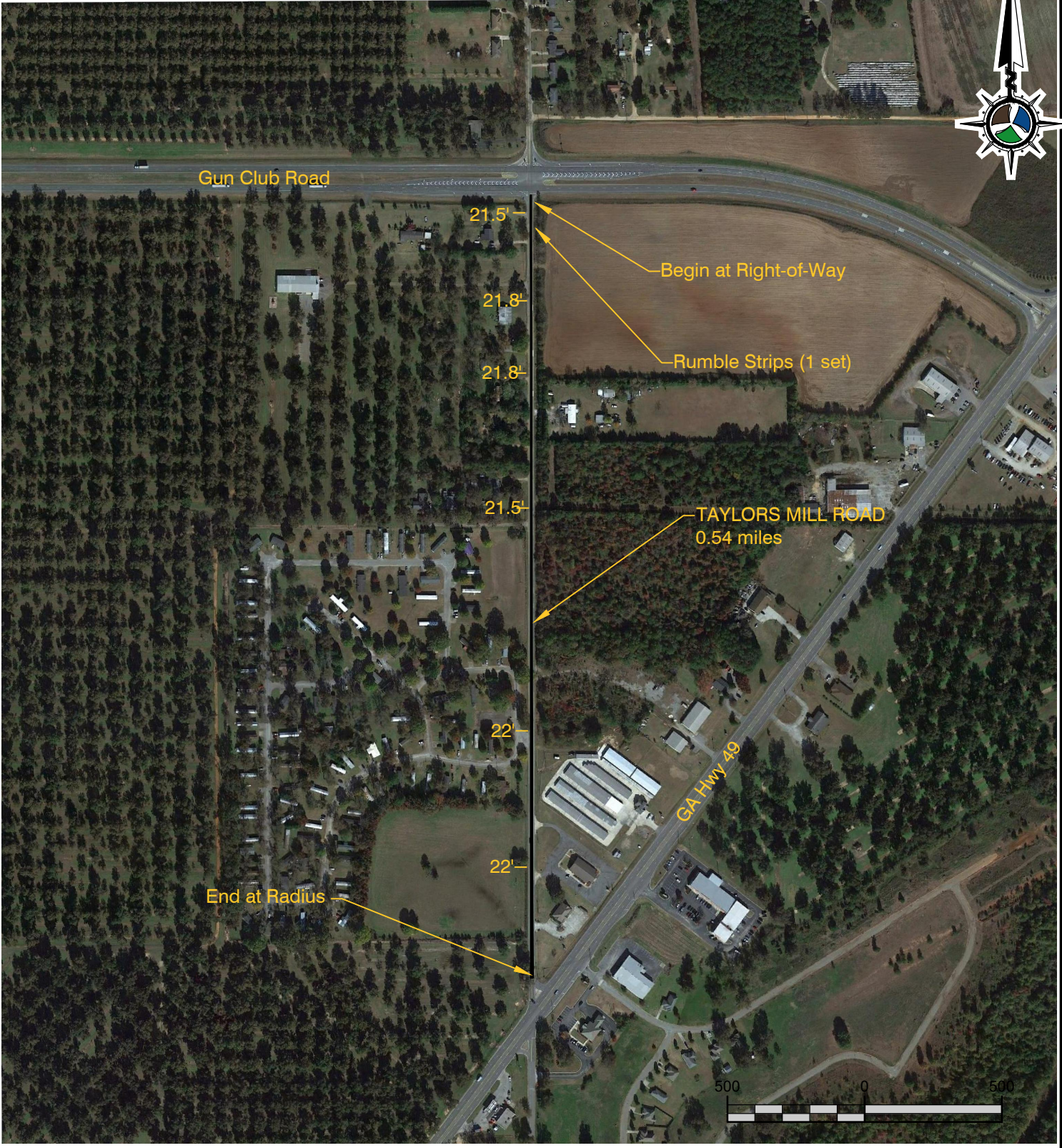
DATE: SEPTEMBER 2021

SCALE: AS SHOWN

SHEET NO.: ----

End at County Line

Taylor's Mill Rd. N.
3.05 Mi. Overlay



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

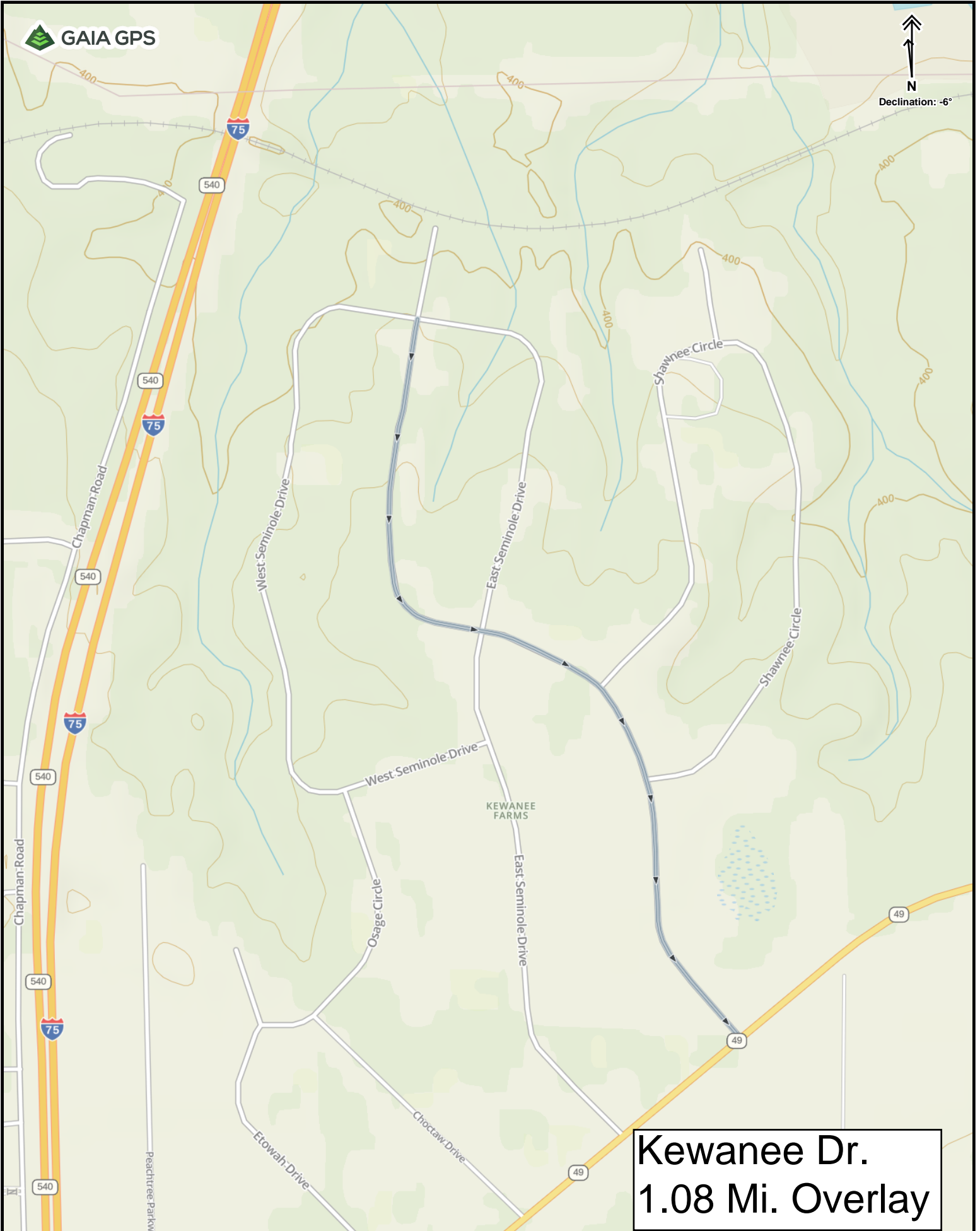
TAYLORS MILL ROAD
 ROAD RESURFACING - 2021
 FOR THE
 PEACH COUNTY BOARD OF
 COMMISSIONERS
 213 PERSONS STREET FORT VALLEY, GA

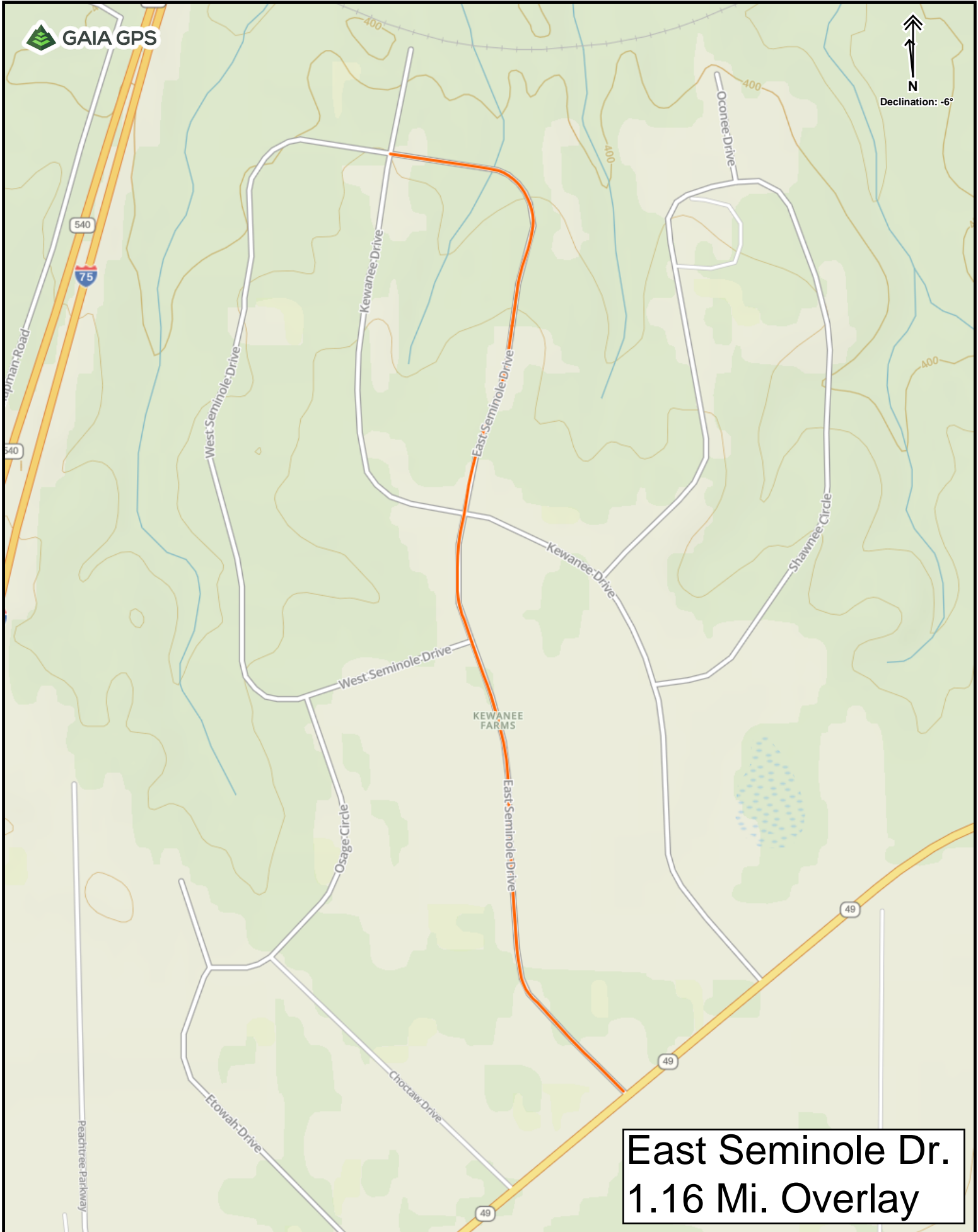
PROJECT NO.: PCO 057

DATE: SEPTEMBER 2021

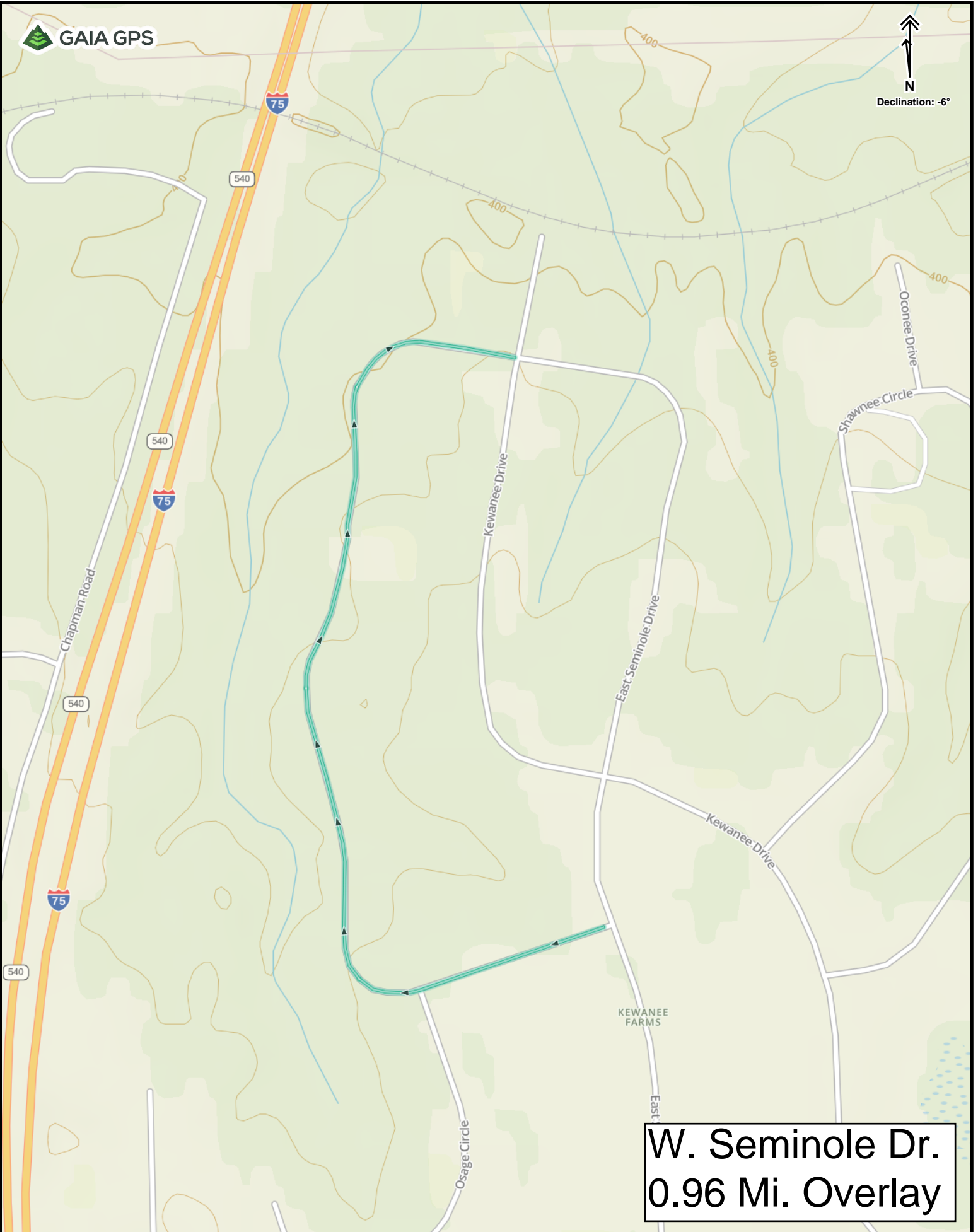
SCALE: AS SHOWN

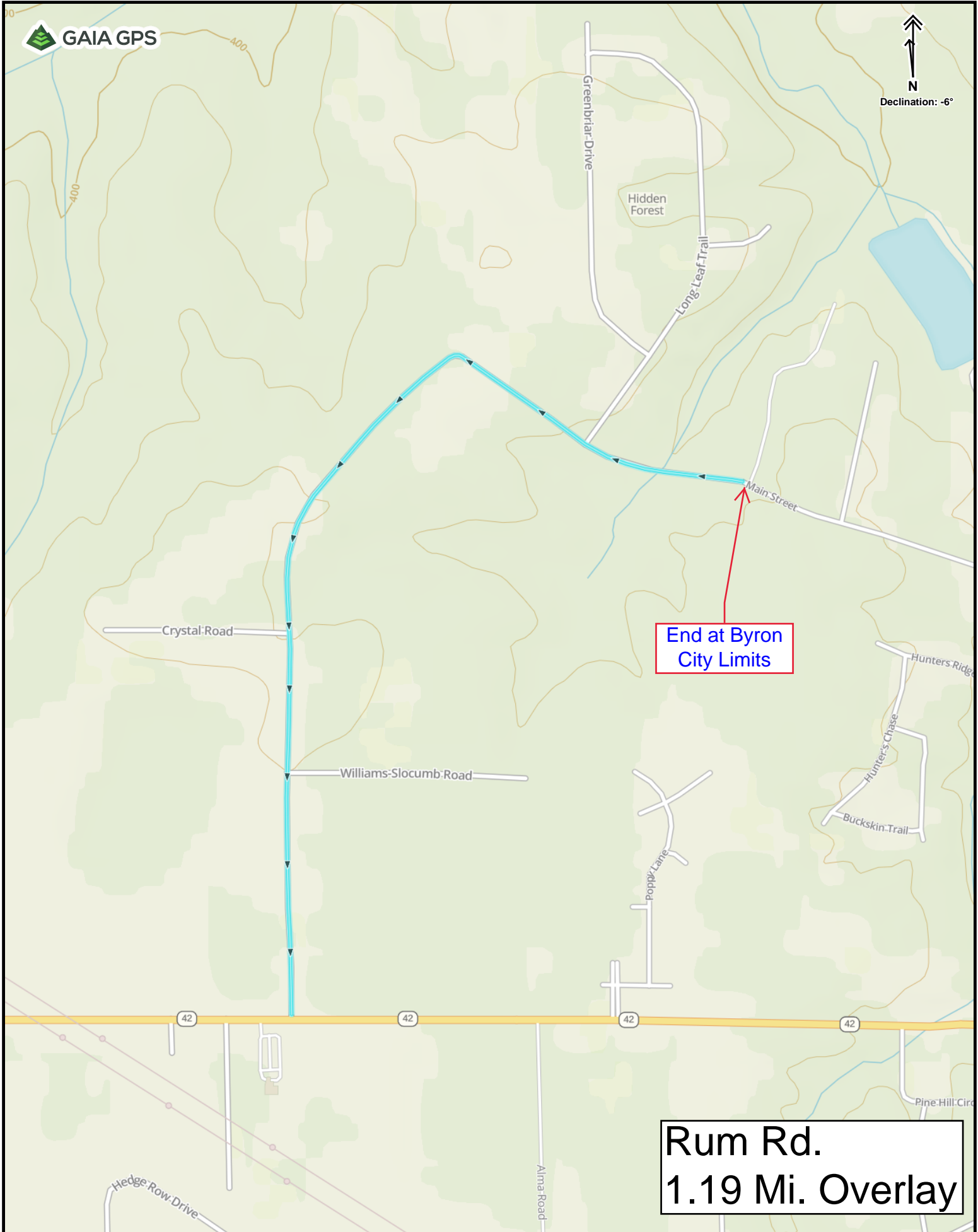
SHEET NO.: ----





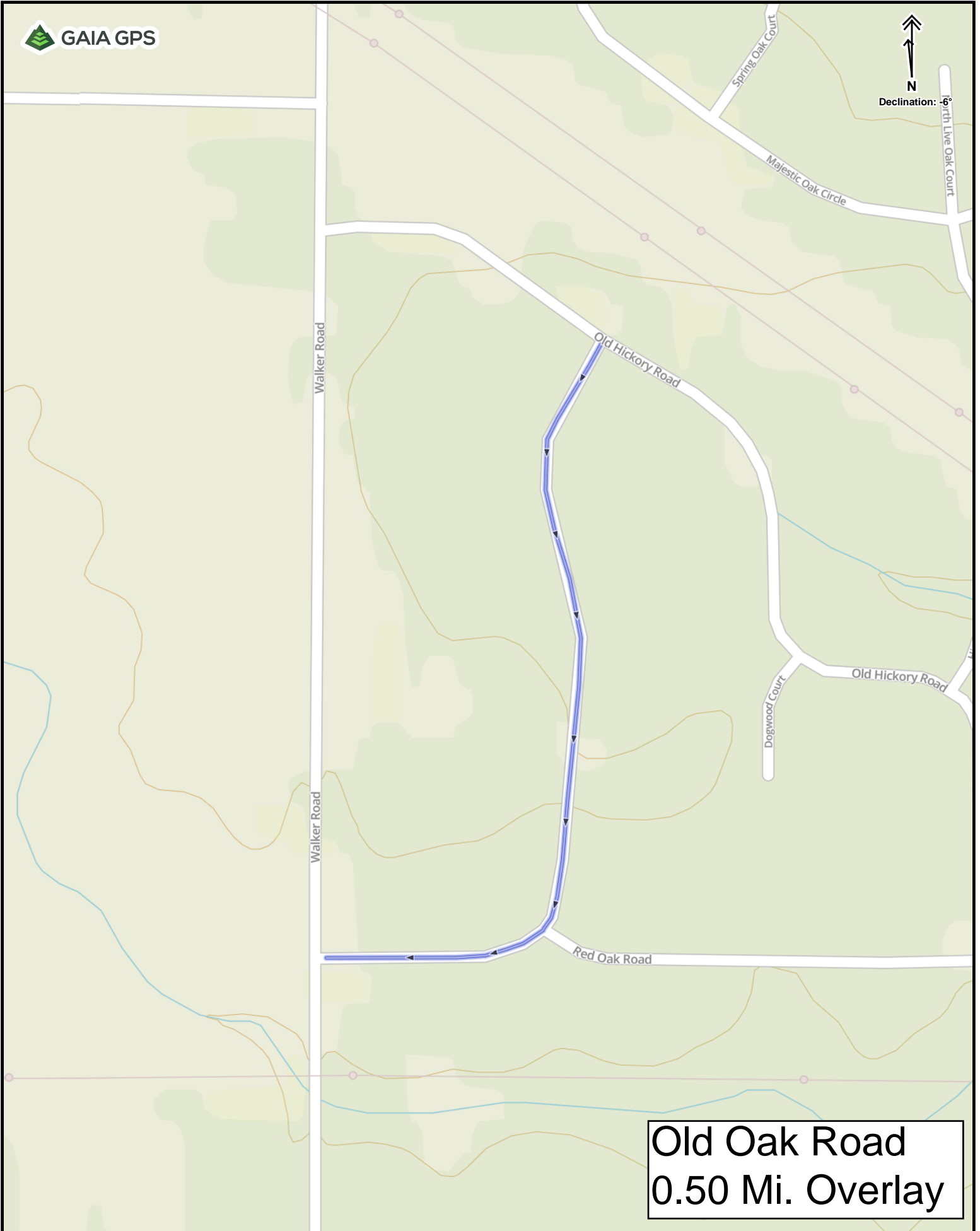
East Seminole Dr.
1.16 Mi. Overlay





End at Byron City Limits

Rum Rd.
1.19 Mi. Overlay



Old Oak Road
0.50 Mi. Overlay

Walker Road

Majestic Oak Circle

Majestic Oak Circle

Majestic Oak Circle

Willow Oak Way

Live Oak Lane

Old Oak Road

Red Oak Road

Walker Road

Old Hickory Road
0.69 Mi. Overlay

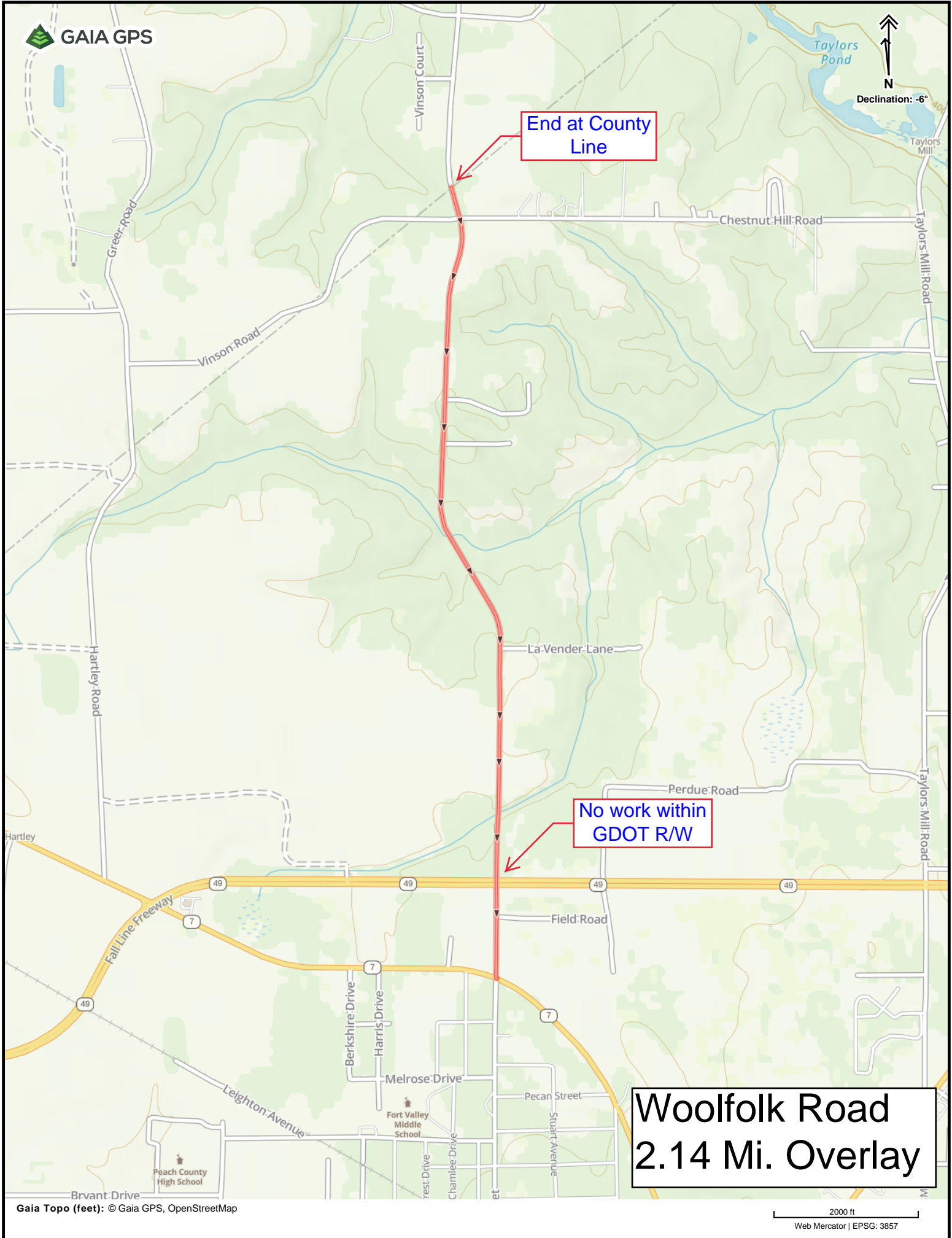
End at Byron
City Limits

Red Oak Road
0.63 Mi. Overlay

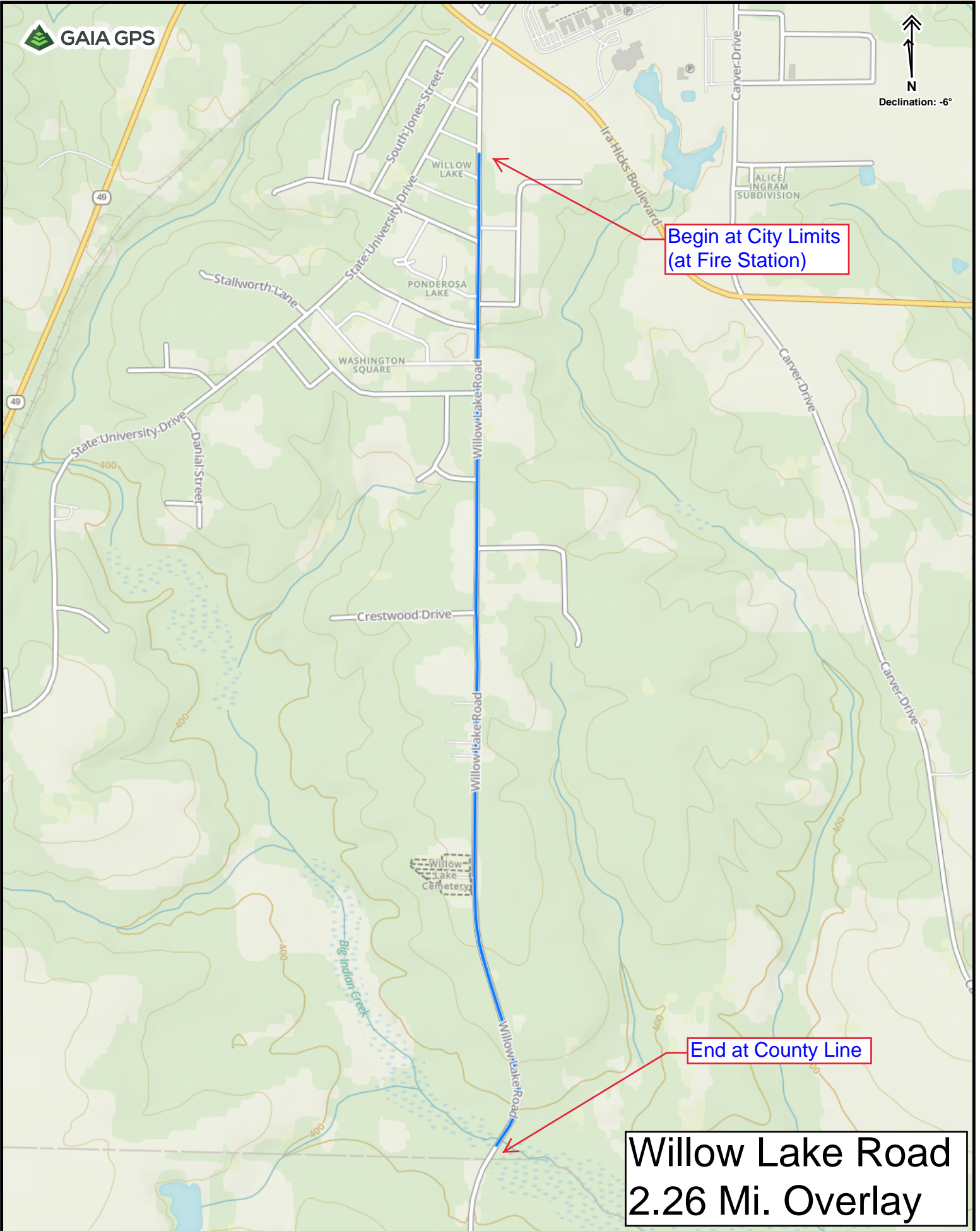
End at County Line

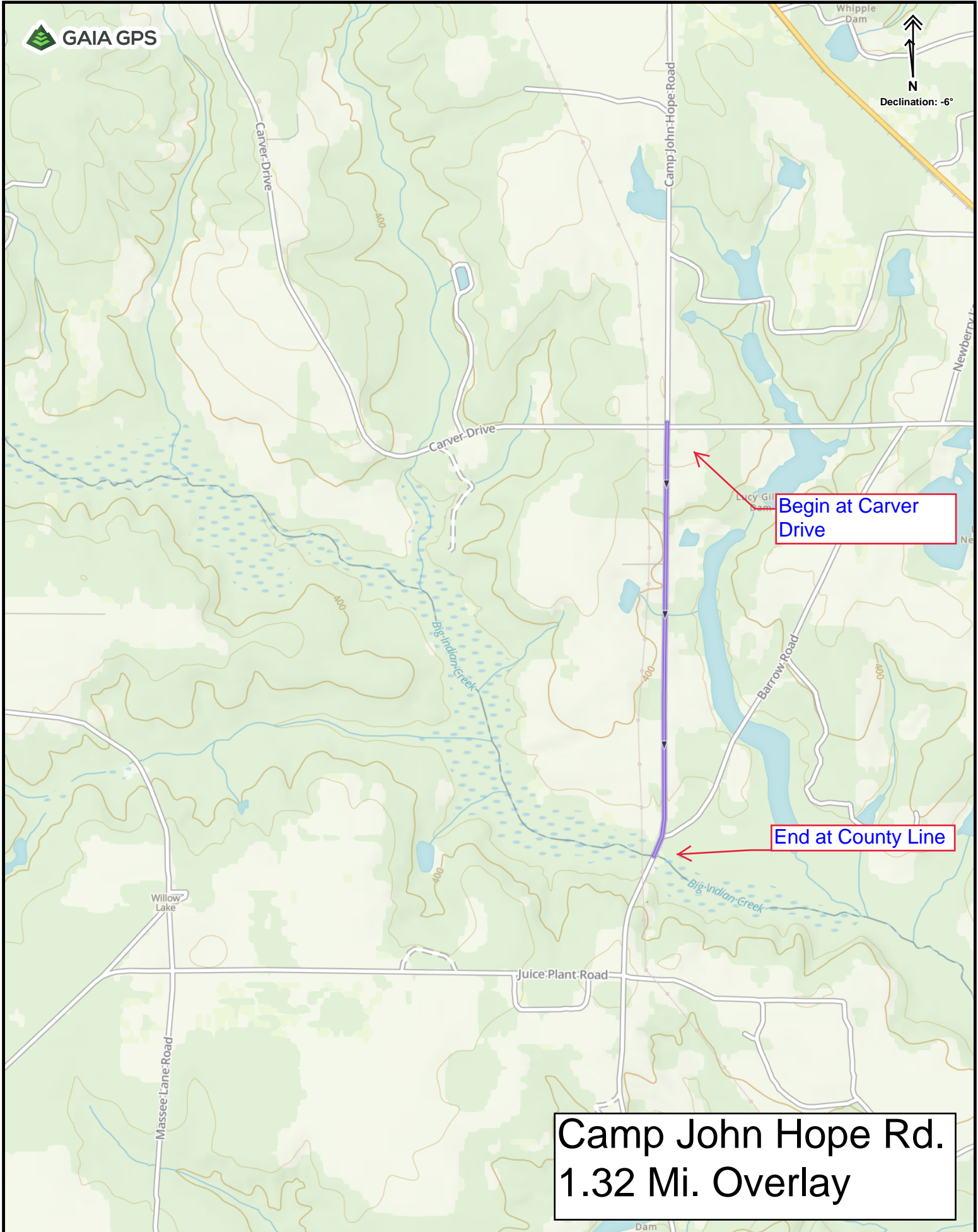
No work within GDOT R/W

Woolfolk Road
2.14 Mi. Overlay





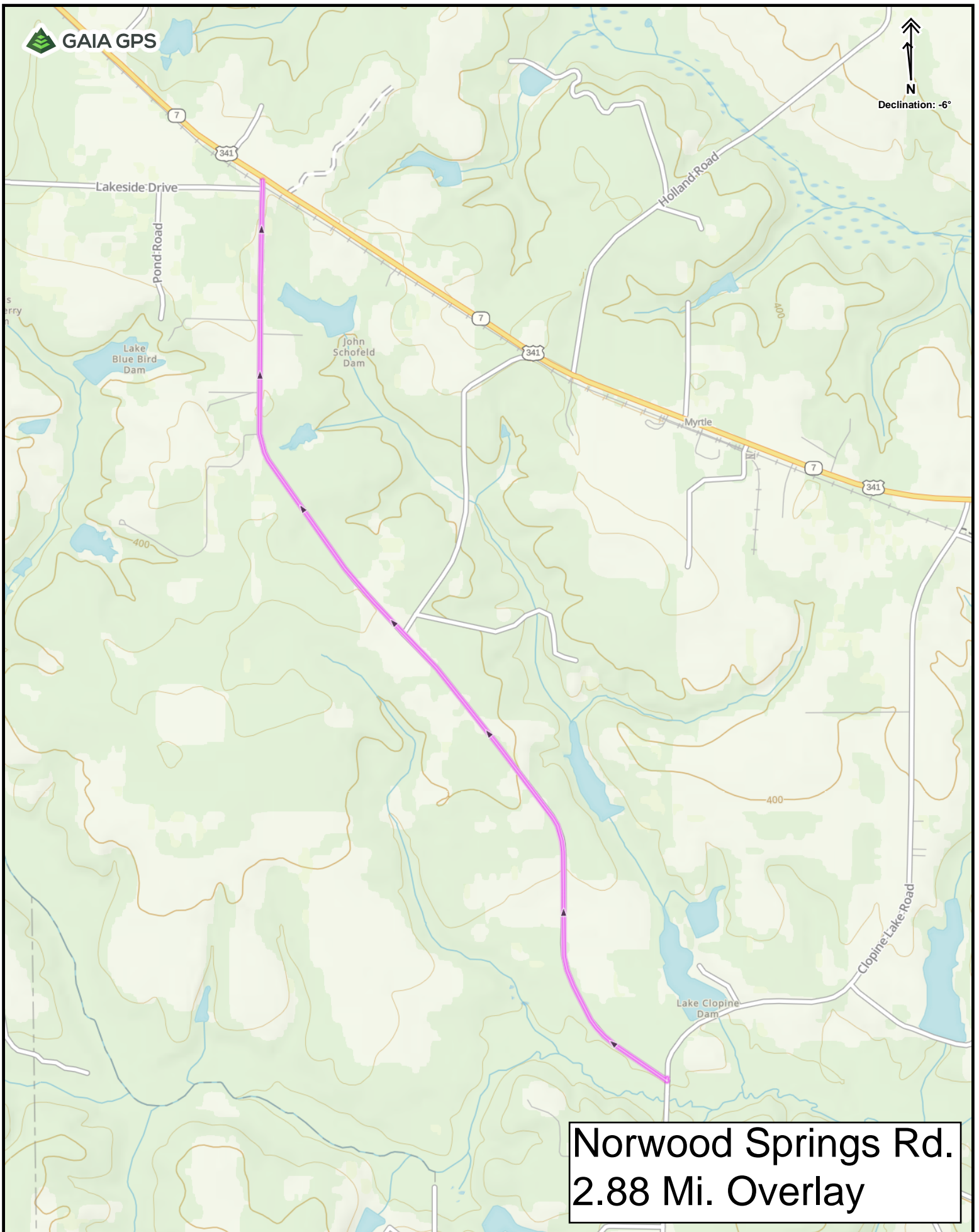




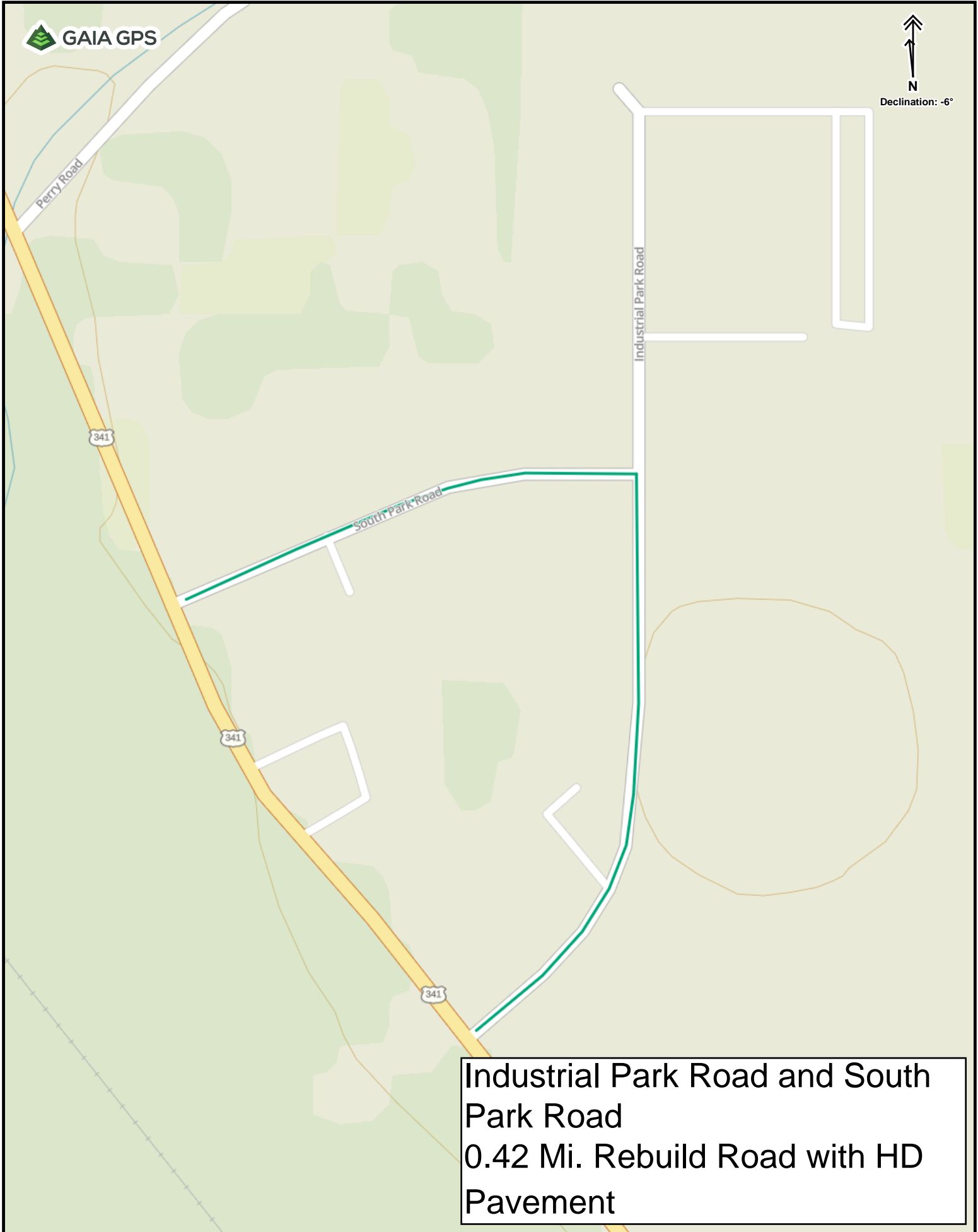
Begin at Carver Drive

End at County Line

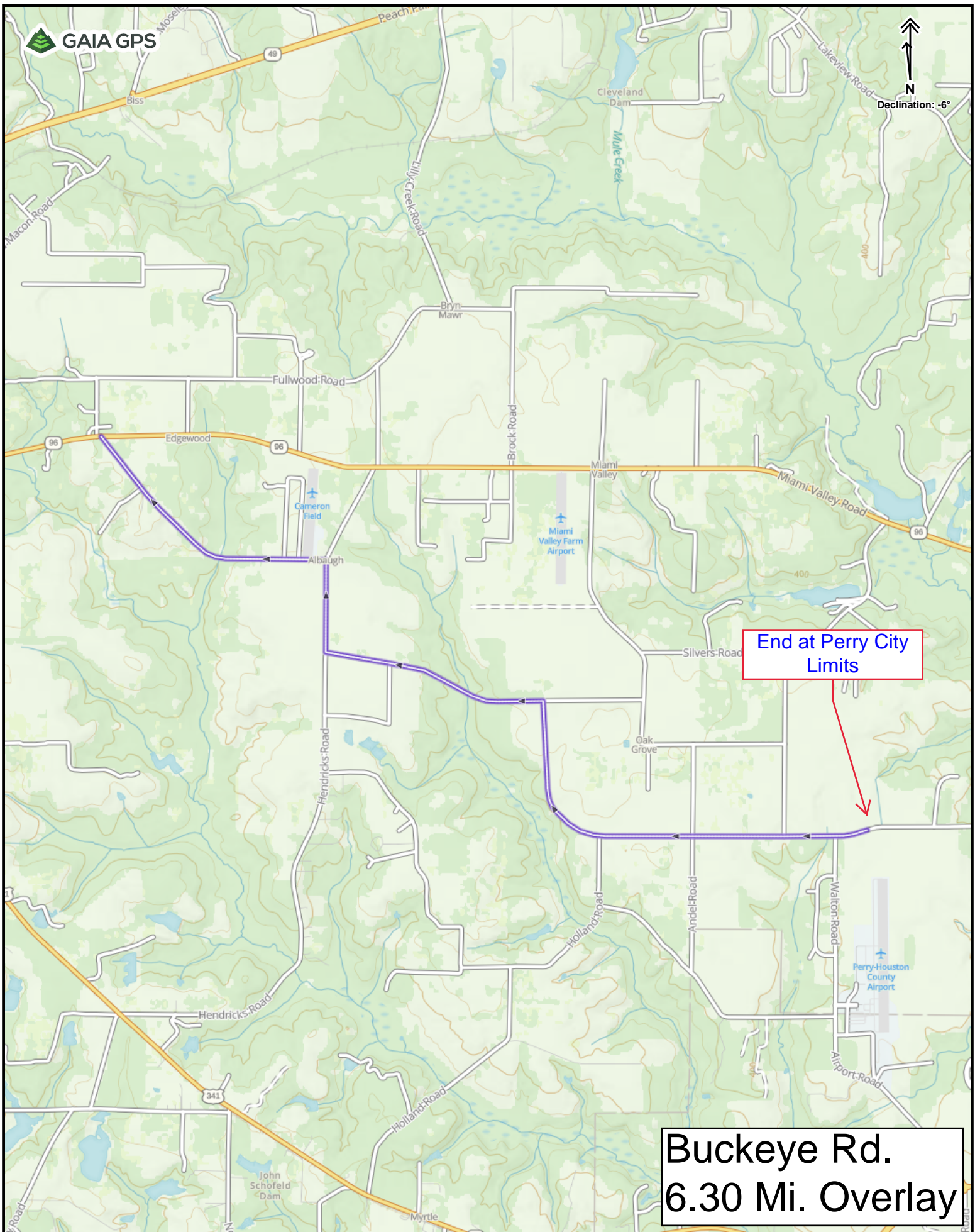
Camp John Hope Rd.
1.32 Mi. Overlay



Norwood Springs Rd.
2.88 Mi. Overlay



Industrial Park Road and South Park Road
0.42 Mi. Rebuild Road with HD Pavement



End at Perry City Limits

**Buckeye Rd.
6.30 Mi. Overlay**

Fullwood Road

Fullwood Road

Lane Road

240' Rebuild to HD
Pavement

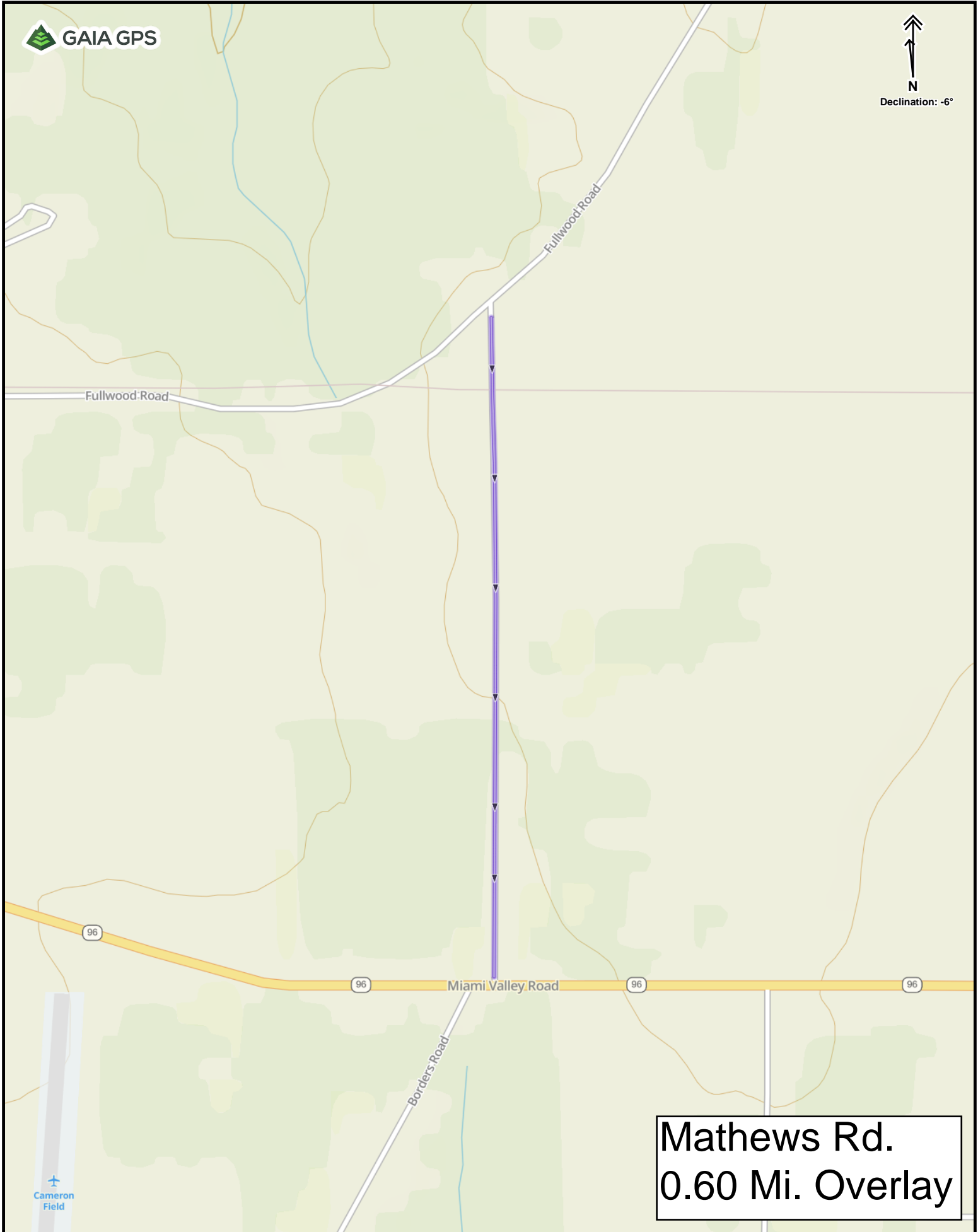
96

Miami Valley Road

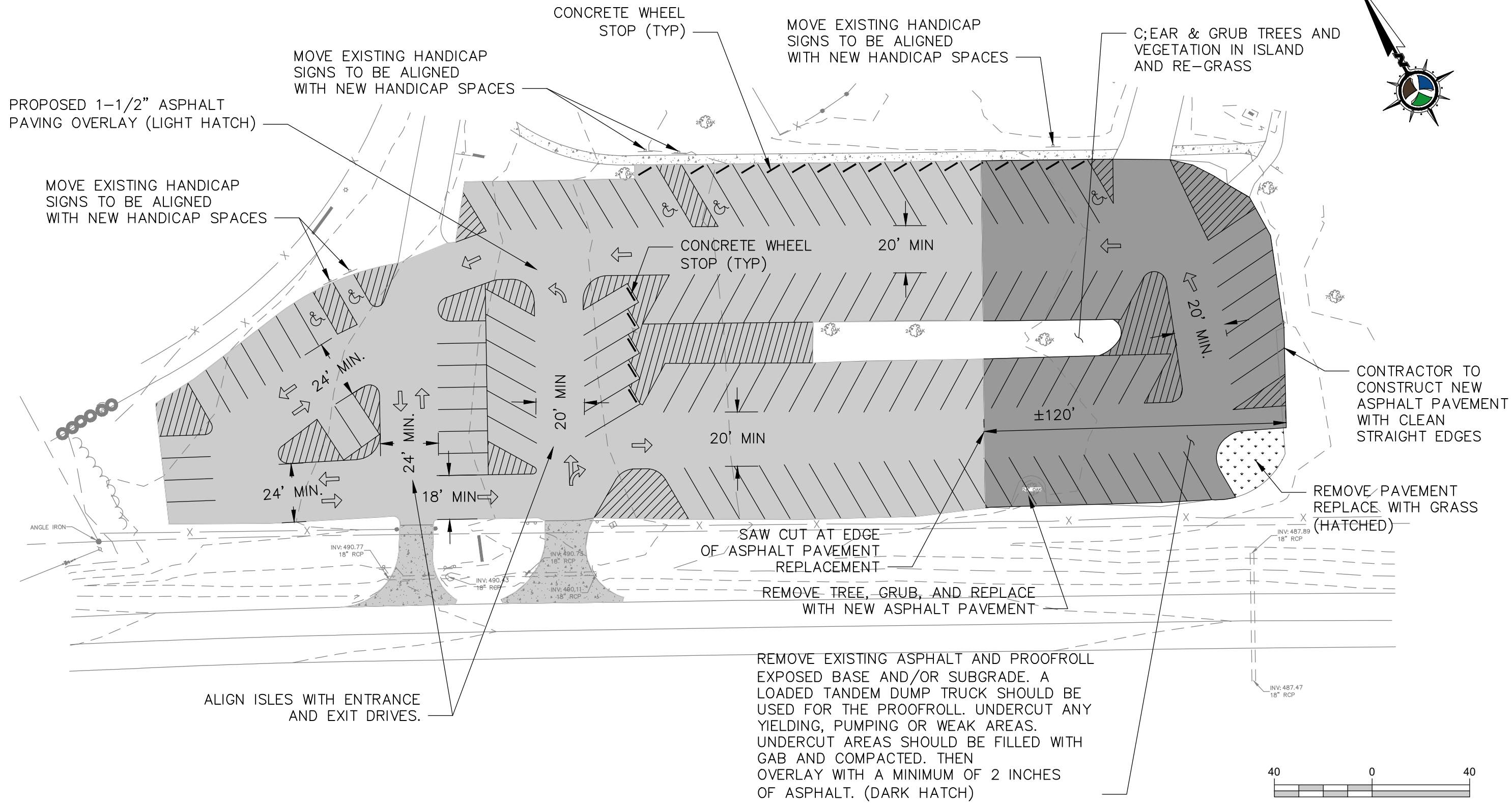
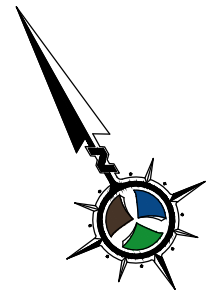
96

Piper Place

Lane Rd.
0.40 Mi. Overlay
240' Rebuild Road
with HD Pavement



**Mathews Rd.
0.60 Mi. Overlay**



- NOTES:
1. ALL ANGLED PARKING IS 60°
 2. MINIMUM LANE WIDTH FOR ONE WAY ISLES WITH ANGLED PARKING IS 20'
 3. MINIMUM LANE WIDTH FOR TWO WAY ISLES WITH 90° PARKING IS 24'
 4. SEE DETAILS FOR MINIMUM PARKING SPOT DIMENSIONS
 5. ARROWS ARE GDOT TYPE 1, 2, & 3 (SEE DETAIL)

TRIPLE POINT
ENGINEERING

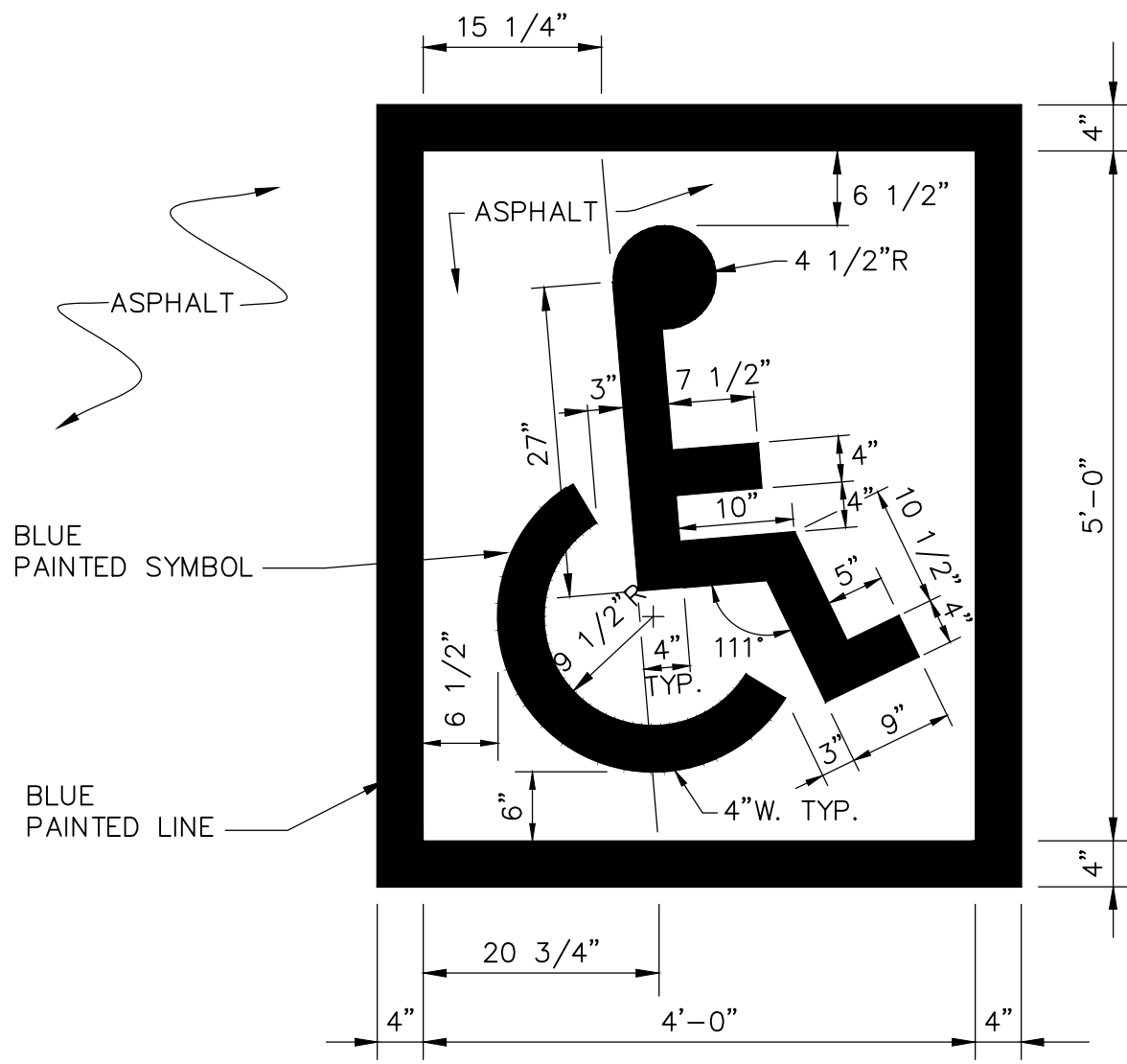
5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

PAVEMENT REPAIR & STRIPING PLAN

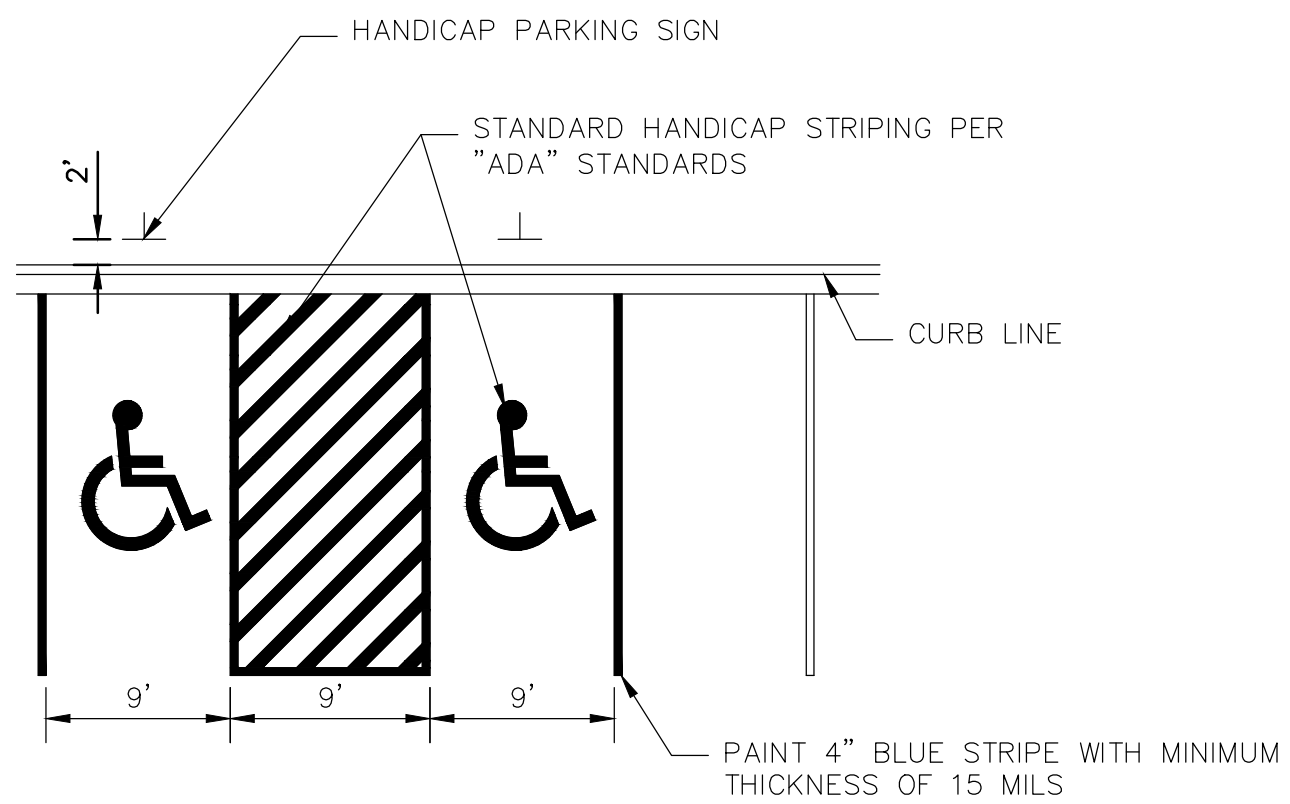
**NORTH PEACH PARK
PARKING LOT REPAIRS**
FOR THE
PEACH COUNTY BOARD OF COMMISSIONERS
PEACH COUNTY, GEORGIA

PROJECT NO.:	PCO-057	DATE:	FEB 2022
SCALE:	1" = 40'	SHEET NO.:	1.0

p:\pco_057 - road resurfacing\drawings\pco_057_restripe_mstr.dwg | 2/16/2022




DETAIL – HANDICAP PAINTED SYMBOL
N.T.S.

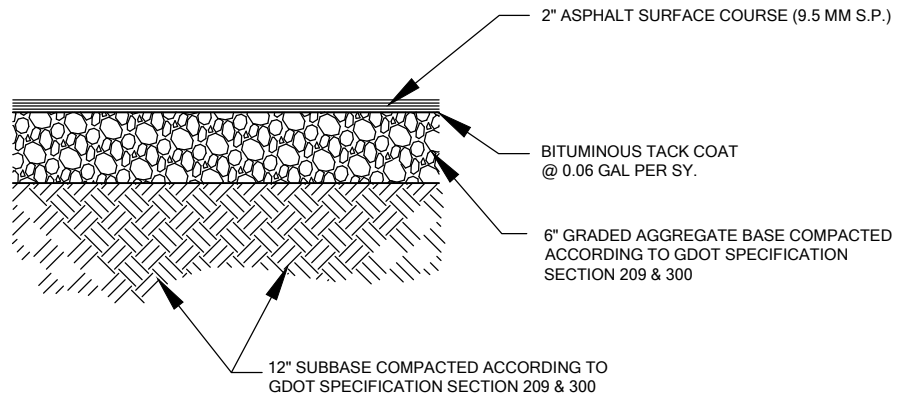


DETAIL – HANDICAPPED STRIPING
N.T.S.

p:\pco_057 - road resurfacing\drawings\pco_057_restrict_mstr.dwg | 2/16/2022

 5223 Riverside Drive • Suite 101 • Macon, Georgia 31210 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com		DETAILS					
		NORTH PEACH PARK PARKING LOT REPAIRS FOR THE PEACH COUNTY BOARD OF COMMISSIONERS PEACH COUNTY, GEORGIA					
PROJECT NO.:	PCO-057	DATE:	FEB 2022	SCALE:	NTS	SHEET NO.:	2.1

MISCELLANEOUS DETAILS

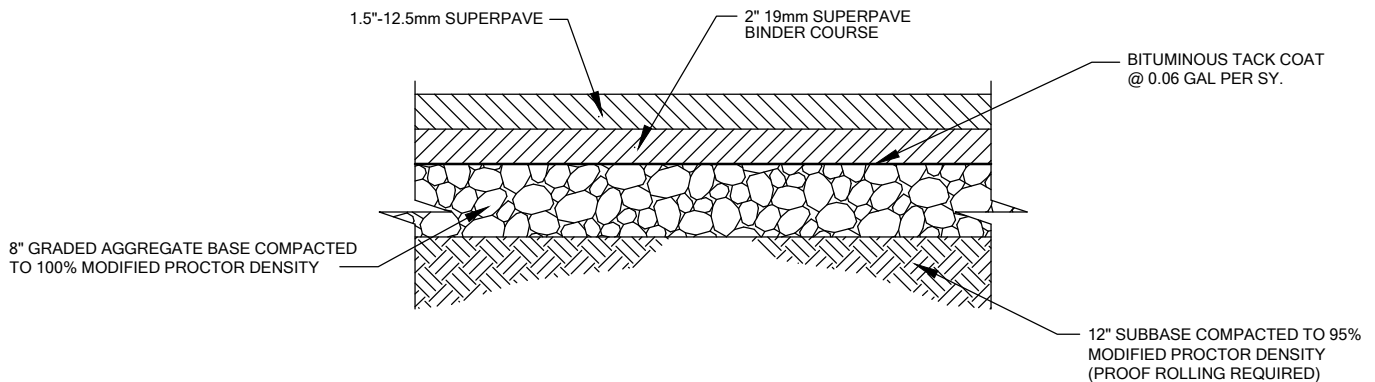


DETAIL – NORMAL DUTY ASPHALT PAVEMENT

N.T.S.

USE NORMAL DUTY ASPHALT PAVEMENT FOR REPLACEMENT SECTIONS FOR:
- POWERSVILLE RD

ALL ASPHALTIC CONCRETE CONSTRUCTION SHALL COMPLY WITH SECTIONS 400, 412, 413, 300, 310 AND ALL REFERENCED SECTIONS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR THE CONSTRUCTION OF ROADS AND BRIDGES, 1983 EDITION OR THE LATEST REVISION.



DETAIL – HEAVY DUTY ASPHALT PAVEMENT

N.T.S.

USE HEAVY DUTY ASPHALT PAVEMENT FOR REPLACEMENT SECTIONS FOR:
- LANE RD
- INDUSTRIAL BLVD
- SOUTH PARK RD



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

PAVEMENT REPLACEMENT SECTIONS

ROAD RESURFACING
FOR
PEACH COUNTY, GA

PROJECT NO.: PCO 057

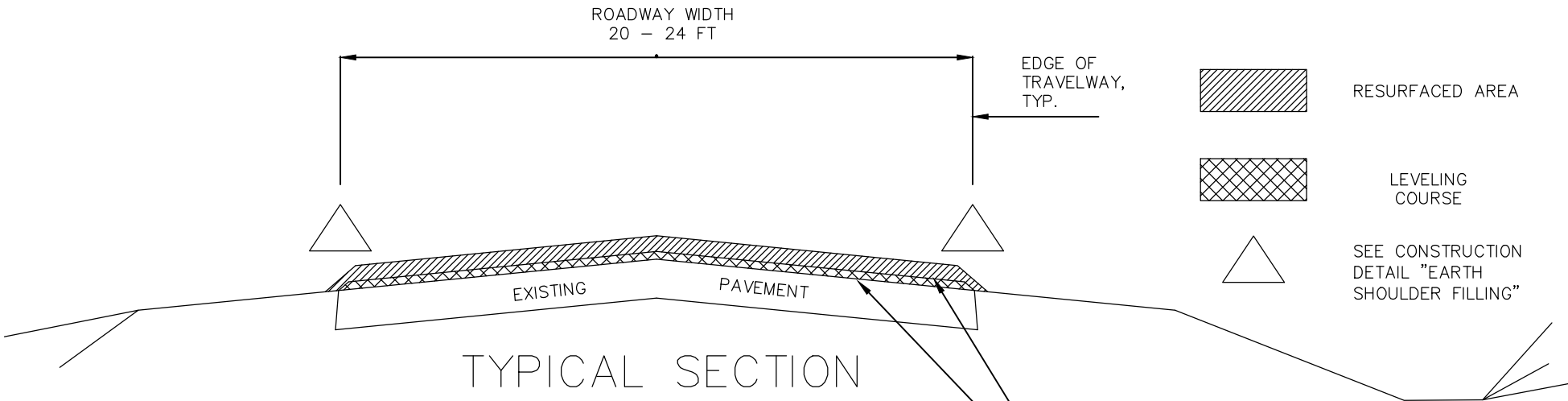
DATE: FEB 2022

SCALE:

N.T.S.

SHEET NO.:

4




TYPICAL SECTION

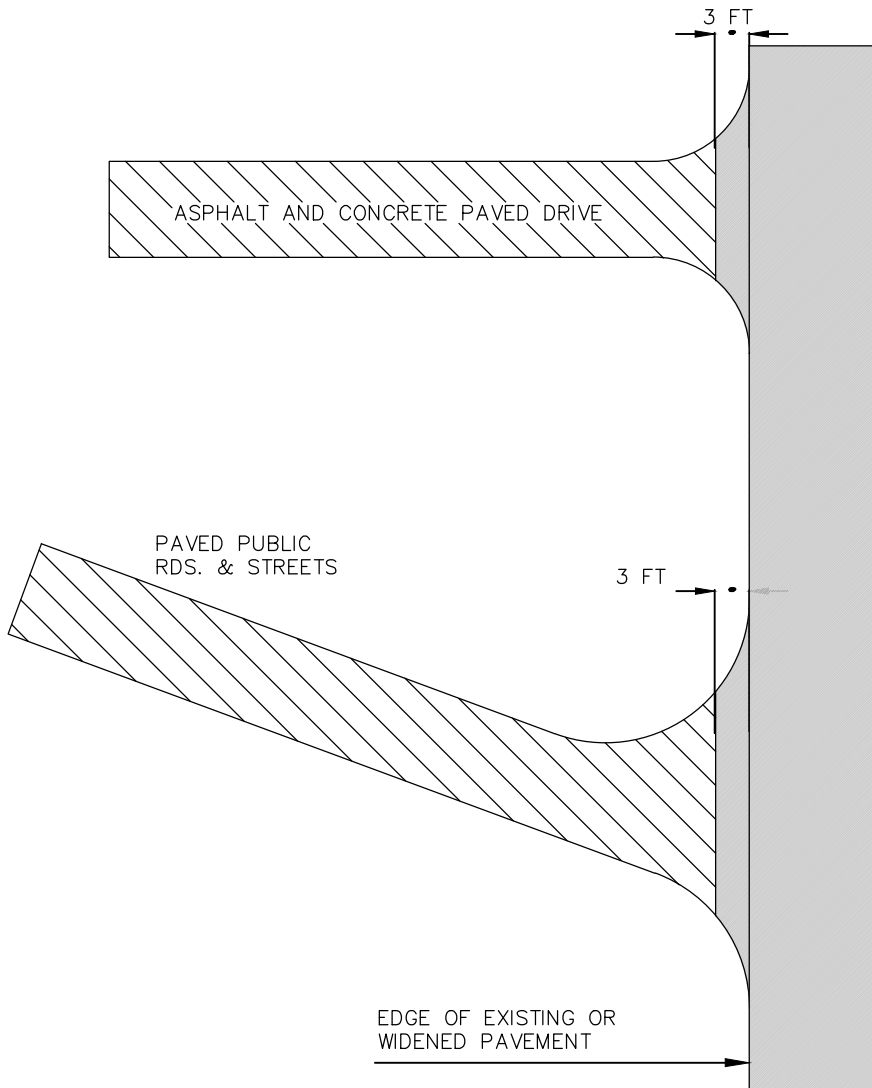
RETAIN EXISTING ROADWAY

- 1.) LEVEL ROADWAY FULL WIDTH WITH 9.5 mm SUPERPAVE 65 LBS PER SQUARE YARD LEVELING.
- 2.) RESURFACE ROADWAY FULL WIDTH WITH 165 LBS PER SQUARE YARD RECYCLED ASPH CONC 9.5 mm SUPERPAVE, TYPE II, GP 2 ONLY, INCL BITUM MATL & H LIME

BITUMINOUS TACK COAT @ 0.06 GAL/SF (EACH LAYER)

 <p>5223 Riverside Drive • Suite 101 • Macon, Georgia 31210 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com</p>		TYPICAL SECTION					
		ROAD RESURFACING FOR PEACH COUNTY, GA					
PROJECT NO.:	PCO 057	DATE:	FEB 2022	SCALE:	N.T.S.	SHEET NO.:	1

DETAIL FOR PAVING TURNOUTS FOR SIDE ROADS, STREETS, AND DRIVES



NOTES:

1. THE ENGINEER MAY MODIFY THESE DESIGNS AND THE DEPTH OF LEVELING AND SURFACING MAY VARY AS NECESSARY TO PROVIDE A SMOOTH, SAFE AND WELL DRAINED TRANSITION TO AND FROM PUBLIC ROADS AND DRIVEWAYS.
2. ALL PAVING TURNOUT REQUIREMENTS ARE TO BE MEASURED FROM FINAL EDGE OF PAVEMENT ON MAINLINE.
3. THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER, SHALL TIE-IN PAVED DRIVES, PUBLIC ROADS AND STREETS WITH 9.5 or 12.5 mm SUPERPAVE MIX NECESSARY TO EFFECT AN ACCEPTABLE TIE-IN. THE WORK SHALL BE PAID FOR UNDER 9.5 or 12.5 mm SUPERPAVE MIX DESIGNATED IN THE DETAILED ESTIMATE.
4. IN THE EVENT ASPHALT AND CONCRETE PAVED DRIVES REQUIRE EXTENSION BEYOND THE DESCRIBED LIMITS TO EFFECT AN ACCEPTABLE TIE-IN, REFERENCE SPECIAL PROVISION SECTION 231.
5. WHEN MILLING IS INCLUDED AS A PAY ITEM, ALL PAVED SIDE STREETS AND ROADS WITHIN THE MILLING LIMITS SHALL BE MILLED VARIABLE DEPTH TO THE BACK OF RADIUS, UNLESS OTHERWISE NOTED IN THE LOG SHEETS. MILLING WILL NOT BE REQUIRED FOR DRIVEWAYS. MILLING TO BE PAID FOR UNDER ITEM 432.
6. TIE-IN DETAIL SHALL NOT BE USED AT LOCATIONS WHERE EXISTING DECORATIVE OR CONCRETE FINISHED DRIVEWAYS EXIST.



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

PAVING AT TURNOUTS

ROAD RESURFACING
 FOR
 PEACH COUNTY, GA

PROJECT NO.: PCO 057

DATE: FEB 2022

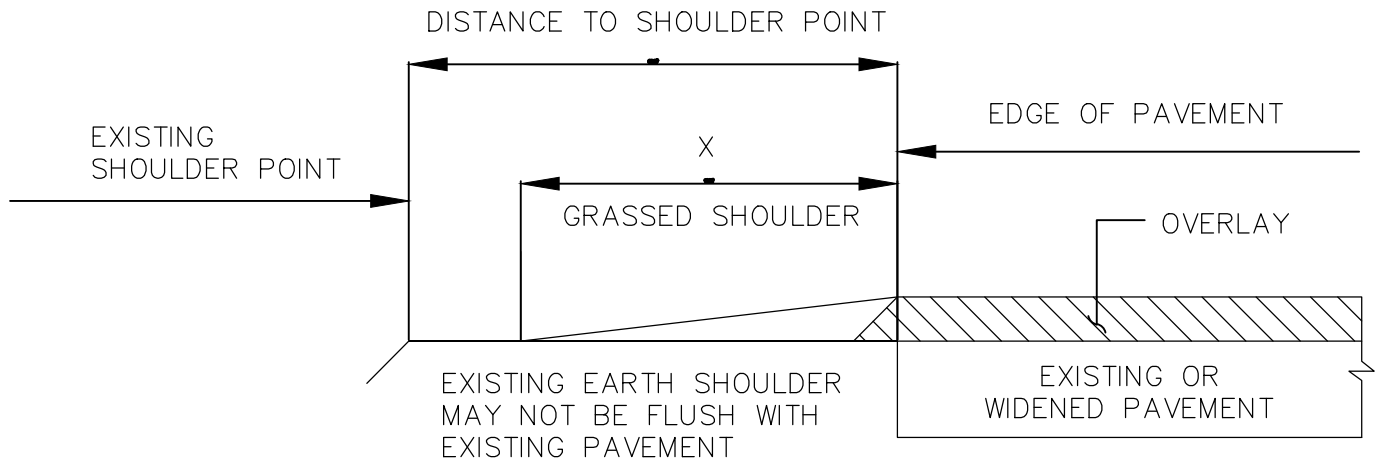
SCALE:

N.T.S.

SHEET NO.:

3

EARTH SHOULDER FILLING



$X = 4' - 0''$ OR DISTANCE TO SHOULDER POINT. WHICHEVER IS THE LESSER WITH A MINIMUM OF $1' - 0''$ REQUIRED AT ALL LOCATIONS

TYPICAL SECTION

SHOULDER FILLING
NOT TO SCALE

1. FILL EXISTING EARTH SHOULDER AT VARIABLE DEPTH AS REQUIRED TO PROVIDE A SMOOTH GRADE FROM THE NEW EDGE OF PAVEMENT ELEVATION TYING INTO EXISTING EARTH SHOULDER.
2. ALL GRADING, INCLUDING ANY BORROW MATERIAL, SHALL BE INCLUDED IN PRICE BID FOR GRADING PER MILE.



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

EARTH SHOULDER FILLING

ROAD RESURFACING
FOR
PEACH COUNTY, GA

PROJECT NO.: PCO 057

DATE: FEB 2022

SCALE: N.T.S.

SHEET NO.: 2

TEMPORARY VEGETATIVE SPECIFICATIONS;
 TEMP. GRASSING SHALL BEGIN 2 WEEKS FOLLOWING INITIAL DISTURBANCE.

SPECIES	RATE PER 1000 SQ.FT.	RATE PER ACRE	PLANTING DATES
RYE	3.9 POUNDS	3 BU.	9-1 TO 1-1
RYE GRASS, ANNUAL	1 POUND	40-50 lbs.	9-1 TO 4-15
SUDAN GRASS	1.4 POUNDS	60 lbs.	4-1 TO 10-1
BROWN TOP MILLET	1 POUND	40 lbs.	4-1 TO 7-15
WHEAT	4.1 POUNDS	3 BU.	10-1 TO 1-1

PERMANENT VEGETATIVE SPECIFICATIONS:

GRASS	SEEDING RATE	PLANTING DATES	FERTILIZER RATE N P K Year Per Acre
HULLED COMMON BERMUDA	8lbs./Ac	3-1 TO 6-15	6 12 12 1st. 1500 Lbs.
UNHULLED COMMON BERMUDA	10lbs./Ac	10-1 TO 3-1	SAME AS ABOVE
PENSACOLA BAHIA	60 Lb/Ac	Year Round	SAME AS ABOVE
MULCH - 2 1/2 TON/Ac.			
LIME - 1 TON/Ac.			

NOTES:

1. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
2. MULCHING RATES:
 DRY STRAW OR HAY –SPREAD AT A RATE OF 2 1/2 TONS PER ACRE. WOOD WASTE, CHIPS, SAWDUST, OR BARK –SPREAD 2 TO 3 INCHES DEEP. EROSION CONTROL MATTING OR NETTING –APPLY IN ACCORDANCE WITH MFG. REC'S. POLYETHYLENE FILM – SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR PROTECTION.
3. "FINAL STABILIZATION" MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER.



5223 Riverside Drive • Suite 101 • Macon, Georgia 31210
 phone 478.476.0700 • fax 478.476.0776 • www.tpointeng.com

Final Stabilization

ROAD RESURFACING
 FOR
 PEACH COUNTY, GA