



Purchasing Department
140 Stonewall Avenue West, Ste 204
Fayetteville, GA 30214
Phone: 770-305-5420
www.fayettecountyga.gov

March 11, 2025

Subject: Invitation to Bid #2546-B: North Bend Court Culvert Replacement

Gentlemen/Ladies:

Fayette County, Georgia invites you to submit a bid for the above listed solicitation in accordance with the information and specifications contained herein.

Questions concerning this invitation to bid should be addressed to Sherry White in writing via email to swhite@fayettecountyga.gov or fax to (770) 305-5208. Questions will be accepted until 2:00p.m., Thursday, March 27, 2025.

Purchasing Department office hours are Monday through Friday 8:00 a.m. to 5:00 p.m. The office telephone number is (770) 305-5420.

Please return your response to the following address:

Fayette County Purchasing Department
140 Stonewall Avenue West, Suite 204
Fayetteville, Georgia 30214

Bid Number: 2546-B
Bid Name: North Bend Court Culvert Replacement

Your envelope *must* be sealed and should show your company's name and address.

Bids will be received at the above address until 3:00p.m, Friday, April 4, 2025, in the Purchasing Department, Suite 204. Bids will be opened at that time.

Bids must be signed to be considered. Late bids cannot be considered. Faxed bids or emailed bids cannot be considered.

If you download this invitation to bid from the county's web site, it will be your responsibility to check the web site for any addenda that might be issued for this solicitation. The county cannot not be responsible for a vendor not receiving information provided in any addendum.

Thank you for participating in the solicitation process.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Ted L. Burgess', enclosed within a large, loopy blue oval.

Ted L. Burgess
Chief Procurement Officer

TLB/sw

SPECIFICATIONS
NORTH BEND COURT CULVERT REPLACEMENT
Fayette County, GA

Fayette County Project Number: 21SAL
Invitation to Bid: #2546-B

Prepared By:
Fayette County Environmental Management
140 Stonewall Ave. West, Suite 203
Fayetteville, GA 30214

INDEX
2546-B: North Bend Court Culvert Replacement

COVER PAGE	3
INDEX	4
CHECKLIST OF DOCUMENTS TO RETURN	5
INTRODUCTION	6
GENERAL TERM AND CONDITIONS	7
PROJECT SPECIFIC TERMS AND CONDITIONS	13
BID PRICE SHEET	18
BIDDER QUALIFICATIONS	19
CONTRACTOR AFFIDAVIT UNDER O.C.G.A. § 13-10-91(B)(L)	20
COMPANY INFORMATION FORM	21
CONTRACTOR EXPERIENCE FORM	22-23
GDOT PREQUALIFICATION TABLE	24
EXCEPTIONS FORM	25
PROJECT PLAN SET	EXHIBIT 1

Checklist of Required Documents

*(Be Sure to Return This Checklist and
the Required Documents in the order listed below)*

ITB #2546-B: North Bend Court Culvert Replacement

Company information – on the form provided _____

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

Bid Price Sheet* _____

Bid Bond* _____

Contractor Experience, on the form provided _____

GDOT Prequalification Table and Documentation _____

Exceptions to Specification, if any – on the form provided _____

Addenda, if Any _____

***FAILURE TO INCLUDE THIS ITEM WILL RESULT IN DISQUALIFICATION**

COMPANY NAME: _____

INTRODUCTION

ITB #2546-B: North Bend Court Culvert Replacement

Fayette County is soliciting Bids from Georgia Department of Transportation (GDOT) prequalified Contractors experienced with installation of drainage structures. The project location is near 165 North Bend Court in Fayette County.

This project consists of removing the existing deteriorated 42-inch Corrugated Metal Pipe (CMP) and replacing with a single 54-inch Reinforced Concrete Pipe and headwalls. This project also consists of but is not limited to utility coordination and/or relocation, grading, curb and gutter, and asphalt paving.

Fayette County has acquired all necessary easements for the work outside of the existing Right-of-Way and will provide construction oversight for the project.

GENERAL TERMS AND CONDITIONS
ITB #2546-B: North Bend Court Culvert Replacement

1. **Definitions:**
 - a. **Bidder:** A company or individual who submits a bid in response to this Invitation to Bid.
 - b. **Successful Bidder:** The company or individual that is awarded a contract.
 - c. **Contractor:** The Successful Bidder, upon execution of the contract.
 - d. **County:** Fayette County, Georgia.

2. **Bid is Offer to Contract:** Each bid constitutes an offer to become legally bound to a contract with the County, incorporating the invitation to bid and the bidder's bid. The binding offer includes compliance with all terms, conditions, special conditions, specifications, and requirements stated in the invitation to bid, except to the extent that a bidder takes written exception to such provisions, and the County agrees to the exception. All such terms, conditions, special conditions, specifications, and requirements will form the basis of the contract. The bidder should take care to answer all questions and provide all requested information, and to note any exceptions in the bid submission. Failure to observe any of the instructions or conditions in this invitation to bid may result in rejection of the bid.

3. **Binding Offer:** To allow sufficient time for a contract to be awarded, each bid shall constitute a firm offer that is binding for sixty (60) days from the date of the bid opening to the date of award.

4. **Bidder's Questions:** As appropriate, the County will post answers to questions and/or other information concerning the Invitation to Bid in the form of an addendum on the County's website at www.fayettecountyga.gov. It is the responsibility of the prospective bidder to check the website for any addenda issued for this invitation to bid.

5. **References:** Include with your bid a list of three (3) jobs that your company has done that are of the same or similar nature to the work described in this invitation to Bid on the form provided. Include all information as requested on the form.

6. **Bid Submission:** Submit your bid, along with any addenda issued by the County, in a *sealed* opaque envelope. Mail or deliver one (1) original bid, signed in ink by a company official authorized to make a legal and binding offer, and one (1) copy on a flash drive, to:

Fayette County Government
Purchasing Department
140 Stonewall Avenue West, Suite 204
Fayetteville, GA 30214

Bid Number: 2546-B
Bid Name: North Bend Court Culvert Replacement

Also show your company name on the envelope. You may submit sealed bids in person, by U.S. mail, or by a commercial carrier. Do not submit bids by facsimile, e-mail, or other electronic means. Once submitted, all bids become the property of Fayette County.

7. **Bid Preparation Costs:** The bidder shall bear all costs associated with preparing the bid.
8. **Late Bids:** Bids not received in the Purchasing Department by the time and date of the scheduled bid opening will not be considered.
9. **More than One Bid:** Do not submit alternate bids or options, unless requested or authorized by the County in the Invitation to Bid. If a responder submits more than one bid without being requested or authorized to do so, the County may disqualify the bids from that responder, at the County's option.
10. **Bid Corrections or Withdrawals:** The bidder may correct a mistake, or withdraw a bid, before the bid opening by sending written notification to the Director of Purchasing. Bids may be withdrawn after the bid opening only with written authorization from the Director of Purchasing.
11. **Defects or Irregularities in Bids:** The County reserves the right to waive any defect or irregularity in any bid received. In case of a discrepancy between unit prices and extended prices, the unit price will govern unless the facts or other considerations indicate another basis for correction of the discrepancy.
12. **Prices Held Firm:** Prices bid shall be firm for the period of the contract, unless otherwise specified in the contract. All prices bid for commodities, supplies, equipment, or other products shall be quoted FOB Destination, Fayette County or job site.
13. **Quantities are Estimates:** Quantities listed herein are estimates for the project specified. If the quantity exceeds listed estimates, the County reserves the right to order additional quantities at the prices stated in the bid of the Successful Bidder.
14. **Bidder Substitutions:** Bidders offering substitutions or deviations from specifications stated in the invitation to bid, shall list such substitutions or deviations on the "Exceptions to Specifications" sheet provided, or on a separate sheet to be submitted with the bid. The absence of such list shall indicate that the bidder has taken no exception to the specifications. The evaluation of bids and the determination as to equality and acceptability of products or services offered shall be at the discretion of the County.
15. **Non-Collusion:** By responding to this Invitation to Bid, the bidder represents that the bid is not made in connection with any competing bidder, supplier, or service provider submitting a separate response to this invitation to bid, and is in all respects fair and without collusion or fraud.
16. **Bid Evaluation:** Award will be made to the lowest responsive, responsible bidder, taking into consideration payment terms, vendor qualifications and experience, quality, references, any exceptions listed, and/or other factors deemed relevant in making the award. The County may make such investigation as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the County all information and data for this purpose as the

County may request. The County reserves the right to reject any bid item, any bid, or all bids, and to re-advertise for bids.

17. **Unbalanced Bid:** If the County determines that the apparent low bid is materially unbalanced, the County retains the right to deem the apparent low bid non-responsive, and to reject said bid and award to the next-lowest bidder whose bid is not materially unbalanced, or to reject any and all bids and re-advertise the project.
18. **Payment Terms and Discounts:** The County's standard payment terms are Net 30. Any deviation from standard payment terms must be specified in the resulting contract, and both parties must agree on such deviation. Cash discounts offered will be a consideration in awarding the bid, but only if they give the County at least 15 days from receipt of invoice to pay. For taking discounts, time will be computed from the date of invoice acceptance by the County, or the date a correct invoice is received, whichever is the later date. Payment is deemed made, for the purpose of earning the discount, on the date of the check.
19. **Trade Secrets – Confidentiality:** If any person or entity submits a bid or proposal that contains trade secrets, an affidavit shall be included with the bid or proposal. The affidavit shall declare the specific included information which constitutes trade secrets. Any trade secrets must be either (1) placed in a separate envelope, clearly identified and marked as such, or (2) at a minimum, marked in the affidavit or an attached document explaining exactly where such information is, and otherwise marked, highlighted, or made plainly visible. See O.C.G.A. § 50-18-72 (A)(34).
20. **Trade Secrets – Internal Use:** In submitting a bid, the bidder agrees that the County may reveal any trade secret materials contained in the bid to all County staff and officials involved in the selection process, and to any outside consultant or other third parties who may assist in the selection process. The bidder agrees to hold harmless the County and each of its officers, employees, and agents from all costs, damages, and expenses incurred in connection with refusing to disclose any material which the bidder has designated as a trade secret.
21. **Ethics – Disclosure of Relationships:** Before a proposed contract in excess of \$10,000.00 is recommended for award to the Board of Commissioners or the County Administrator, or before the County renews, extends, or otherwise modifies a contract after it has been awarded, the Contractor must disclose certain relationships with any County Commissioner or County Official, or their spouse, mother, father, grandparent, brother, sister, son or daughter related by blood, adoption, or marriage (including in-laws). A relationship that must be reported exists if any of these individuals is a director, officer, partner, or employee, or has a substantial financial interest in the business, as described in Fayette County Ordinance Chapter 2, Article IV, Division 3 (Code of Ethics).

If such relationship exists between your company and any individual mentioned above, relevant information must be presented in the form of a written letter to the Director of Purchasing. You must include the letter with any bid, proposal, or price quote you submit to the Purchasing Department.

In the event that a Contractor fails to comply with this requirement, the County will take action as appropriate to the situation, which may include actions up to and including rejection of the bid or offer, cancellation of the contract in question, or debarment or suspension from award of

a County contract for a period of up to three years.

22. **Contract Execution & Notice to Proceed:** After the Board of Commissioners makes an award, all required documents are received by the County, and the contract is fully executed with signature of both parties, the County will issue a written Notice to Proceed. The County shall not be liable for payment of any work done or any costs incurred by any bidder prior to the County issuing the Notice to Proceed.
23. **Unavailability of Funds:** This contract will terminate immediately and absolutely at such time as appropriated and otherwise unobligated funds are no longer available to satisfy the obligations of the County under the contract.
24. **Insurance:** The Successful Bidder shall procure and maintain the following insurance, to be in effect throughout the term of the contract, in at least the amounts and limits as follows:
 - a. **General Liability Insurance:** \$1,000,000 combined single limit per occurrence, including bodily and personal injury, destruction of property, and contractual liability.
 - b. **Automobile Liability Insurance:** \$1,000,000 combined single limit each occurrence, including bodily injury and property damage liability.
 - c. **Worker's Compensation & Employer's Liability Insurance:** Workers Compensation as required by Georgia statute.

Before a contract with the Successful Bidder is executed, the Successful Bidder shall provide Certificates of Insurance for all required coverage. The Successful Bidder can provide the Certificate of Insurance after award of the contract, but must be provided prior to execution of the contract document by both parties. The certificate shall list an additional insured as follows:

Fayette County, Georgia
140 Stonewall Avenue West
Fayetteville, GA 30214

25. **Bid Bond:** Bidder shall include a bid bond with your bid, equal to five percent (5%) of the total amount bid. Bid bonds shall be provided by a surety which appears on the U.S. Treasury's list of approved bond sureties (Circular 570).
26. **Performance and Payment Bonds:** Prior to execution of a contract, the Successful Bidder shall submit performance, and payment bonds each equal to 100 percent of the contract value, provided by a surety which appears on the U.S. Treasury's list of approved bond sureties (Circular 570).
27. **Unauthorized Performance:** The County will not compensate the Contractor for work performed unless the work is authorized under the contract, as initially executed or as amended.
28. **Assignment of Contract:** Assignment of any contract resulting from this Invitation to Bid will not

be authorized, except with express written authorization from the County.

29. **Indemnification:** The Contractor shall indemnify and save the County and all its officers, agents and employees harmless from all suits, actions, or other claims of any character, name and description brought for or on account of any damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the Contractor or other persons employed or utilized by the Contractor in the performance of the contract. The Contractor shall pay any judgment with cost which may be obtained against the County growing out of such damages, losses, or expenses.
30. **Severability:** The invalidity of one or more of the phrases, sentences, clauses or sections contained in the contract shall not affect the validity of the remaining portion of the contract. If any provision of the contract is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision to the extent that the provision is unenforceable. In such case, the contract shall be deemed amended to the extent necessary to make it enforceable while preserving its intent.
31. **Delivery Failures:** If the Contractor fails to deliver contracted goods or services within the time specified in the contract, or fails to replace rejected items in a timely manner, the County shall have authority to make open-market purchases of comparable goods or services. The County shall have the right to invoice the Contractor for any excess expenses incurred, or deduct such amount from monies owed the Contractor. Such purchases shall be deducted from contracted quantities.
32. **Substitution of Contracted Items:** The Contractor shall be obligated to deliver products awarded in this contract in accordance with terms and conditions specified herein. If the Contractor is unable to deliver the products under the contract, it shall be the Contractor's responsibility to obtain prior approval of the ordering agency to deliver an acceptable substitute at the same price quoted in the Contractor's original bid. In the event the Contractor consistently needs to substitute or refuses to substitute products, the County reserves the right to terminate the contract or invoke the "Delivery Failures" clause stated herein.
33. **Inspection and Acceptance of Deliveries:** The County reserves the right to inspect all goods and products delivered. The County will decide whether to accept or reject items delivered. The inspection shall be conclusive except with respect to latent defects, fraud, or such gross mistakes as shall amount to fraud. Final inspection resulting in acceptance or rejection of the products will be made as soon as practicable, but failure to inspect shall not be construed as a waiver by the County to claim reimbursement or damages for such products which are later found to be in non-conformance with specifications. Should public necessity demand it, the County reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.
34. **Termination for Cause:** The County may terminate the contract for cause by sending written notice to the Contractor of the Contractor's default in the performance of any term of this agreement. As appropriate, the County will compensate the Contractor for completed performance, and for any partially completed performance as determined by the County to be adequately performed. Termination shall be without prejudice to any of the County's rights or remedies by law.

35. **Termination for Convenience:** The County may terminate the contract for its convenience at any time with 10 days' written notice to the Contractor. In the event of termination for convenience, the County will pay the Contractor for services performed. The County will compensate partially completed performance based upon a signed statement of completion submitted by the Contractor, which shall itemize each element of performance completed.
36. **Force Majeure:** Neither party shall be deemed to be in breach of the contract to the extent that performance of its obligations is delayed, restricted, or prevented by reason of any act of God, natural disaster, act of government, or any other act or condition beyond the reasonable control of the party in question.
37. **Governing Law:** This agreement shall be governed in accordance with the laws of the State of Georgia. The parties agree to submit to the jurisdiction in Georgia and further agree that any cause of action arising under this agreement shall be required to be brought in the appropriate venue in Fayette County, Georgia.

PROJECT SPECIFIC TERMS AND CONDITIONS

ITB #2546-B: North Bend Court Culvert Replacement

- A. Reference and Incorporation of GDOT Specifications** - Unless noted otherwise in this Invitation to Bid (ITB), the Georgia Department of Transportation's Standard Specifications Construction of Transportation Systems, most recent edition is incorporated by reference into the Project Manual and contract documents. All work shall be performed in accordance with the GDOT specifications, and all pay items shall be measured and evaluated in accordance with the specifications. They shall supersede all other specifications unless more stringent requirements are listed.

It is the responsibility of the Contractor to be familiar with these specifications before bidding and to adhere to them during construction. Fayette County is owner of the project and shall serve as the administrator of the Contract in lieu of "The Department.". Copies of the documents can be obtained from the GDOT website.

- B. Schedule** – The project shall commence within twenty (20) calendar days of the Contractor receiving the Notice to Proceed (NTP) and shall be substantially complete within 60 calendar days of the Contractor receiving the NTP from Fayette County. The project shall reach final completion within **Ninety (90) Calendar Days** of the Contractor receiving the NTP from Fayette County. Contract time is measured on a Calendar Day basis and includes County Holidays and weekends.
- C. County Holidays** – The Contractor shall not work on a County Holiday unless written approval is provided by Fayette County at least three days prior to the Holiday. The County Holiday Schedule is available on the County's website: https://fayettecountyga.gov/information/county_holidays.htm
- D. Work Hours** – Unless pre-approved otherwise by Fayette County all work shall be performed Monday thru Friday and between the hours of 8:00 AM and 5:00 PM.
- E. OSHA** – Adhere to the Occupational Safety and Health Administration's (OSHA) excavation standards, *29 Code of Federal Regulations (CFR) Part 1926, Subpart P* for excavation and trenching operations.
- F. Toilet Facilities** - Provide toilet facilities that meet local sanitary codes. Provide consumable and non-consumable goods (toilet paper, paper towels, hand soap) for the life of the project.
- G. Contractor Staging** – No staging area is provided by Fayette County for the project beyond the existing right-of-way and acquired easements for the project. Contractor staging shall not interfere with traffic on County roads.
- H. Prequalification of Bidders** – **The Prime Contractor shall be GDOT prequalified in Work Class 500, 513 or 550** and provide at least two (2) successfully completed projects of similar scope and size within the past five (5) years. Fayette County reserves the right

to consider a contractor's past performance when determining if a bid is responsive and responsible. In addition, the Prime Contractor shall self-perform at least 30 percent of the contract as determined by invoices.

- I. **Contractor Supervision and Work Coordination** – The Contractor shall supervise and direct the work. He/she shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction, including traffic control. The Contractor shall employ and maintain onsite a qualified supervisor or superintendent who will be designated in writing by the Contractor as the Contractor's site representative. The supervisor shall have full authority to act on behalf of the Contractor and all communications given to the supervisor shall be as binding as if given to the Contractor. The supervisor shall always be present on the site as required to perform adequate supervision and coordination of the work.
- J. **Workmanship Guarantee** – The Contractor shall warranty and guarantee all materials supplied, equipment furnished, and work performed to be free from defects (resulting from faulty materials supplied or workmanship) for a period of twelve (12) months from the date of Substantial Completion.

The Owner shall give notice of observed defects with reasonable promptness and the Contractor shall have 45 calendar days to address the issue(s). If the Contractor fails to make such repairs, adjustments, or other work that may be made necessary by such defects, the Owner may do so and charge the Contractor the cost thereby incurred. If different guarantees or warranties are required in the technical specifications for specific items, then the more stringent (i.e., longer) apply.

- K. **As-Built Survey** - The Contractor shall provide an as-built survey. The survey shall be stamped by a third-party Registered Land Surveyor (RLS) licensed in the state of Georgia and include, at a minimum, the following information:
 - 1. Permanent Easements as shown on the Easement Exhibit;
 - 2. Up- and down-gradient invert elevations;
 - 3. Pipe diameter, length, and slope;
 - 4. Extent and elevation of Rip Rap;
 - 5. Extent and one-foot contours of redefined channel;
 - 6. Paving limits;
 - 7. Concrete Curb & Gutter limits; and
 - 8. Extent, size, and material of new waterline, valves, and appurtenances.

In addition to the above, the Contractor shall meet and satisfy all applicable GDOT specifications for the installation of concrete structures and storm pipe. In the event of a conflict the more stringent standard shall apply.

- L. **Special Allowance** – Due to the nature of the project and the potential for unforeseen conditions, it is possible that some additional work or modification to the scope may be required. A **\$25,000** Allowance is to be included in the Base Bid, to be used to cover Claims (Section 105.13) or Extra Work (Section 109.05) with prior written approval from

Fayette County. The procedures for submitting such requests are documented in the referenced Sections. If approved, the amount of the Claim or Extra Work will be deducted from the Allowance. Requests greater than the amount available in the Allowance category will require approval from the Fayette County Board of Commissioners.

M. Section 102 Bidding Requirements and Conditions – This section of the GDOT Specifications shall not apply for this ITB.

N. Section 103 Award and Execution of Contract – This section of the GDOT Specifications shall not apply for this ITB.

O. Section 105.06 Cooperation with Utilities – The County will notify all utility companies or other parties affected of Award of the Contract and will assist the Contractor in arranging for all necessary adjustment or relocation within or adjacent to the limits of construction. It shall be the Contractor's responsibility to plan with each utility owner a schedule of operations which will clearly set forth at which stage of the Contractor's operations the utility owner will be required to perform adjustment and relocation work.

Before beginning any mechanized boring, trenching, or digging the contractor shall call Georgia 811 at least 72-hours in advance excluding weekends and holidays. Calls made after 4:30pm count as the next day.

P. Section 106 Control of Materials – The materials used in the work shall meet all quality requirements of the contract. All materials shall be inspected, sampled, and tested by the Contractor's third-party Quality Control Technician before incorporation into the Work. Sampling and testing shall be performed in accordance with GDOT's Sampling, Testing and Inspection Manual. Quality control tests shall be furnished to the County and may be used as acceptance tests at the discretion of the County or Engineer. Testing will be paid for from the Testing line item; the Contractor shall furnish formal written invoices showing the date shipped, the quantities, and the unit prices.

Q. Section 106.11 Field Laboratory – A field laboratory is not required.

R. Section 108.03 Prosecution and Progress - The Contractor shall furnish the County, for approval, a progress schedule following the receipt of the Notice to Proceed and prior to the pre-construction conference. The Contractor shall provide a revised progress schedule at the end of each month showing the proposal plan to prosecute the balance of the work. No payments will be made to the Contractor while delinquent in the submission of a progress schedule or a revised progress schedule.

S. Section 108.08 Failure or Delay in Completing Work on Time - Time is an essential element of the Contract, and any delay in the prosecution of The Work may inconvenience the public, obstruct traffic, or interfere with business. In addition to the aforementioned inconveniences, any delay in completion of The Work will always increase the cost of engineering. For this reason, it is important that The Work be

pressed vigorously to completion. Should the Contractor or, in case of default, the Surety fail to complete the Work within the time stipulated in the Contract or within such extra time that may be allowed, charges shall be assessed against any money due or that may become due the Contractor in accordance with the following schedule:

Contract Amount		Daily Charges
For More Than	To and Including	Calendar Day or Completion Date
\$---	\$50,000	\$950
\$50,000	\$250,000	\$960
\$250,000	\$500,000	\$1,240
\$500,000	\$2,500,000	\$1,660
\$2,500,000	\$5,000,000	\$2,700
\$5,000,000	\$10,000,000	\$3,400

These fixed liquidated damages are not established as a penalty but are calculated and agreed upon in advance by the County and the Contractor due the uncertainty and impossibility of making a determination as to the actual and consequential damages which are incurred by the County and the general public as a result of the failure on the part of the Contractor to complete The Work on time.

In addition to the above, the Contractor shall meet and satisfy all applicable GDOT specifications as written in Section 108 Prosecution and Progress. In the event of a conflict the more stringent shall apply.

- T. Section 109.07 Partial Payment** – At the end of each month the Contractor shall submit a pay application to the Engineer and County for review. The total value of items complete in place will be verified by the County and certified for payment. No payments will be made to the Contractor while delinquent in the submission of a progress schedule or a revised progress schedule.
- U. Section 150 Traffic Control** - The Contractor shall prepare and submit a Temporary Traffic Control Plan for review and approval by Fayette County at least seven (7) calendar days prior to mobilization. The Plan shall include information on lane closures, traffic phasing, access to private property, etc. At least one 12-foot travel lane shall always remain open for traffic and access to homes. All signs and pavement markings shall be in accordance with the MUTCD.

- V. **Section 161 Control of Soil Erosion and Sedimentation** - This Work includes using best management practices (BMPs) as required in the current edition of the Georgia Soil and Water Conservation Commission Manual for Erosion and Sediment Control in Georgia.

- W. **Section 207 Excavation and Backfill for Minor Structures** – This work includes excavating, backfilling, or disposing of materials required to install a bridge culvert, box culvert, pipe, arch culvert, headwall and retaining wall according to the specifications, the plans, and the Engineer. Backfill with Type I or Type II material to the proper subgrade elevation. It can be assumed that the excavated material may not be suitable for re-use. Dispose of surplus and unsuitable materials as directed by the Engineer. Contractor pricing shall include cost for material and installation of imported fill.

- X. **Section 670 Water Distribution System** - All Water Systems impacts shall be in strict accordance with Fayette County Water System Specifications or GDOT Specification 670 and as noted on the plans, the more stringent shall apply. The contractor performing the utility work shall be a licensed Utility Contractor in the state of Georgia.

- Y. **Section 700 Grassing** - Furnish and install sod as shown on the plans. Furnish and install permanent grassing in all other disturbed areas according to Subsection 700.3.05.H and as shown on the plans. On slopes steeper than 3:1, sod should be anchored with pins or other approved methods.

BID PRICE SHEET
ITB #2546-B: North Bend Court Culvert Replacement

PAY ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
106-9999	MATERIALS TESTING & INSPECTIONS	1.00	LS		
150-1000	TRAFFIC CONTROL	1.00	LS		
163-0232	TEMPORARY GRASSING	0.10	AC		
163-0240	MULCH	0.69	TN		
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	2.00	EA		
171-0030	TEMPOARY SILT FENCE, TP C	293.50	LF		
201-1500	CLEARING & GRUBBING	1.00	LS		
210-0100	GRADING COMPLETE	1.00	LS		
310-1101	GR AGGR BASE CRS, INCL MATL	25.04	TN		
402-3103	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE II, GP 2 ONLY, INCL BITUM MATL & H LIME	5.38	TN		
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	7.18	TN		
413-0750	TACK COAT	5.30	GL		
441-0600	CONC HEADWALL	2.00	EA		
441-6012	CONC CURB & GUTTER 6 IN X 24 IN TP 2	32.00	LF		
550-5540	STORM DRAIN PIPE, 54 IN, CLASS III	43.00	LF		
603-2180	STN DUMPED RIP RAP, TP 3, 12 IN	86.00	SY		
603-7000	PLASTIC FILTER FABRIC	104.00	SY		
668-1200	CATCH BASIN, GP 2	2.00	EA		
668-1210	CATCH BASIN, GP 2, ADDL DEPTH	6.00	LF		
670-0000	WATER DISTRIBUTION SYSTEM RELOCATION (6 IN DIP, 12" STEEL CASING, AND ALL APPURTENANCES)	1.00	LS		
700-6910	PERMANENT GRASSING	0.03	AC		
700-7000	AGRICULTURAL LIME	0.04	TN		
700-8000	FERTILIZER MIXED GRADE	0.03	TN		
700-8100	FERTILIZER NITROGEN CONTENT	5.00	LB		
700-9300	SOD, BERMUDA	86.00	SY		
702-7501	TREE PROTECTION BARRIER, TYPE 1	165.98	LF		
716-2000	EROSION CONTROL MATS, SLOPES	87.86	SY		
999-2000	CONSTRUCTION ALLOWANCE	1.00	LS	\$ 25,000.00	\$ 25,000.00
NORTH BEND COURT TOTAL BASE BID					

THIS BID PRICE SHEET IS AVAILABLE IN EXCEL FORM ON THE FAYETTE COUNTY WEBSITE:

[HTTPS://FAYETTECOUNTYGA.GOV/PURCHASING/BIDS-AND-PROPOSALS](https://fayettecountyga.gov/purchasing/bids-and-proposals)

COMPANY NAME _____

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(I)

The undersigned contractor ("Contractor") executes this Affidavit to comply with O.C.G.A § 13-10-91 related to any contract to which Contractor is a party that is subject to O.C.G.A. § 13-10-91 and hereby verifies its compliance with O.C.G.A. § 13-10-91, attesting as follows:

- a) The Contractor has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program;
- b) The Contractor will continue to use the federal work authorization program throughout the contract period, including any renewal or extension thereof;
- c) The Contractor will notify the public employer in the event the Contractor ceases to utilize the federal work authorization program during the contract period, including renewals or extensions thereof;
- d) The Contractor understands that ceasing to utilize the federal work authorization program constitutes a material breach of Contract;
- e) The Contractor will contract for the 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(a), (b), and (c);
- f) The Contractor acknowledges and agrees that this Affidavit shall be incorporated into any contract(s) subject to the provisions of O.C.G.A. § 13-10-91 for the project listed below to which Contractor is a party after the date hereof without further action or consent by Contractor; and
- g) Contractor acknowledges its responsibility to submit copies of any affidavits, drivers' licenses, and identification cards required pursuant to O.C.G.A. § 13-10-91 to the public employer within five business days of receipt.

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

#2546-B: North Bend Court Culvert Replacement
Name of Project

Fayette County, Georgia
Name of Public Employer

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

Executed on _____, _____, 20____ 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 _____, 20_____.

NOTARY PUBLIC
My Commission Expires: _____

COMPANY INFORMATION

ITB #2546-B: North Bend Court Culvert Replacement

A. COMPANY

Company Name: _____

Physical Address: _____

Mailing Address (if different): _____

Website (if applicable): _____

B. AUTHORIZED REPRESENTATIVE

Signature: _____

Printed or Typed Name: _____

Title: _____

E-mail Address: _____

Phone Number: _____

C. PROJECT CONTACT PERSON

Name: _____

Title: _____

Phone Number: _____

E-mail Address: _____

REFERENCES

ITB #2546-B: North Bend Court Culvert Replacement

Please list three (3) references for current or recent customers who can verify the quality of service your company provides. Projects of similar size and scope are preferable.

1. Government/Company Name _____

City & State _____

Work or Service Provided _____

Approximate Completion Date _____

Contact Person and Title _____

Phone _____ Email _____

2. Government/Company Name _____

City & State _____

Work or Service Provided _____

Approximate Completion Date _____

Contact Person and Title _____

Phone _____ Email _____

3. Government/Company Name _____

City & State _____

Work or Service Provided _____

Approximate Completion Date _____

Contact Person and Title _____

Phone _____ Email _____

COMPANY NAME _____

CONTRACTOR EXPERIENCE FORM
ITB #2546-B: North Bend Court Culvert Replacement

Projects of similar size and scope to the nature of the work described in this Invitation to Bid are required.

Project 1

Project Name	
Project Location	
Owner Name	
Owner Telephone & Email	
Date of Award	
Date of Completion	
Contract Amount (\$)	
Project Description	

Project 2

Project Name	
Project Location	
Owner Name	
Owner Telephone & Email	
Date of Award	
Date of Completion	
Contract Amount (\$)	
Project Description	

COMPANY NAME _____

CONTRACTOR EXPERIENCE FORM - continued
ITB #2546-B: North Bend Court Culvert Replacement

Project 3

Project Name	
Project Location	
Owner Name	
Owner Telephone & Email	
Date of Award	
Date of Completion	
Contract Amount (\$)	
Project Description	

Company Name _____

GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT)

**CONTRACTORS AND SUBCONTRACTORS
PREQUALIFICATION TABLE**

ITB #2546-B: North Bend Court Culvert Replacement

The Prime Contractor shall be GDOT prequalified in Work Class 500, 513 or 550 and provide at least two (2) successfully completed projects of similar scope and size within the past five (5) years. In addition, the Prime Contractor shall self-perform at least 30 percent of the contract as determined by invoices.

WORK CLASS	DESCRIPTION	PRIME CONTRACTOR GDOT VENDOR ID
500	Concrete Structures	
513	Precast Reinforced Concrete Box Culverts, Barrel Sections, and End Sections	
550	Storm Drainpipe, Pipe-Arch Culverts, and Side Drainpipe	

List below the subcontractors, as known at the time of bid, and their work class qualification or registration, if applicable.

WORK CLASS	NAME OF SUBCONTRACTOR	SUBCONTRACTOR GDOT VENDOR ID

Prior to issuing the Notice to Proceed, the Prime Contractor shall provide to Fayette County, for review and approval, the subcontractors to be used on the project.

POND
 3500 Parkway Lane
 Suite 500
 Peachtree Corners
 Georgia 30092
 Phone: 770.419.1100
 Fax: 770.419.1101
 Website: www.pond.com



CLIENT INFORMATION
FAYETTE COUNTY
 160 WETLANDS DRIVE
 FAYETTEVILLE, GA 30214

PROJECT NAME
**NORTH BEND COURT
 CULVERT
 REPLACEMENT**
 FAYETTE COUNTY, GA

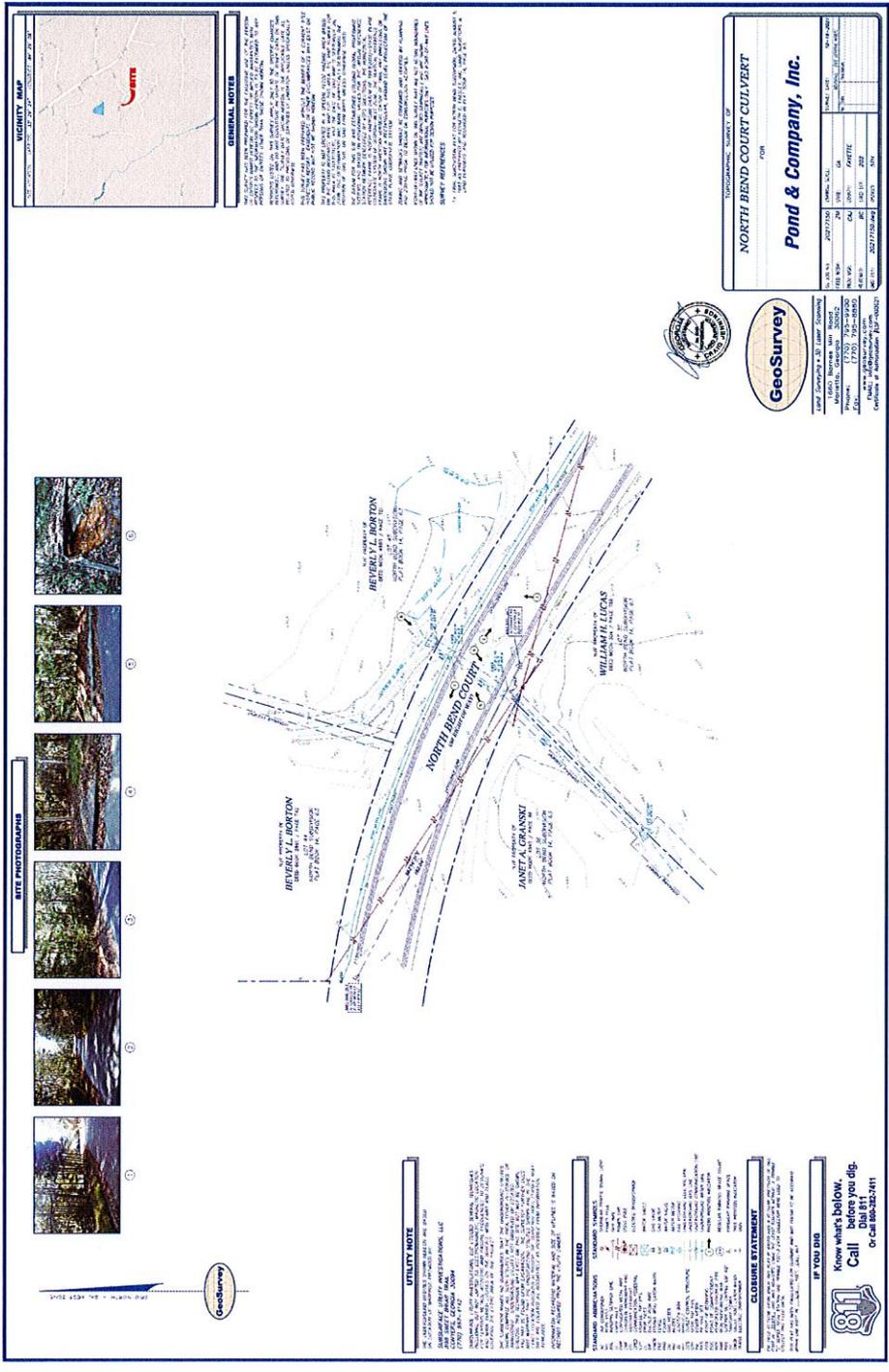
DRAWING ISSUE
 DATE
 DESCRIPTION

MARK
 DESIGNED BY
 DRAWN BY
 CHECKED BY
 SUBMITTED BY
 PROJECT #

SHEET TITLE
**TOPOGRAPHIC
 SURVEY**

SHEET NUMBER
V-001
 SHEET 4 OF 19
 ORIGINAL SHEET SIZE
 24" X 36"

1 2 3 4 5



GENERAL NOTES

1. THE SURVEY WAS CONDUCTED ON 02/14/2015. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1992 AND THE SURVEYING BOARD OF THE STATE OF GEORGIA. THE SURVEY WAS CONDUCTED BY WILLIAM LUCAS, LICENSED PROFESSIONAL SURVEYOR, LICENSE NO. 2742821. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1992 AND THE SURVEYING BOARD OF THE STATE OF GEORGIA. THE SURVEY WAS CONDUCTED BY WILLIAM LUCAS, LICENSED PROFESSIONAL SURVEYOR, LICENSE NO. 2742821.

UTILITY NOTE

1. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1992 AND THE SURVEYING BOARD OF THE STATE OF GEORGIA. THE SURVEY WAS CONDUCTED BY WILLIAM LUCAS, LICENSED PROFESSIONAL SURVEYOR, LICENSE NO. 2742821. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1992 AND THE SURVEYING BOARD OF THE STATE OF GEORGIA. THE SURVEY WAS CONDUCTED BY WILLIAM LUCAS, LICENSED PROFESSIONAL SURVEYOR, LICENSE NO. 2742821.

LEGEND

1. SPOT HEIGHTS
 2. CONTOURS
 3. EASEMENTS
 4. EXISTING INFRASTRUCTURE
 5. PROPOSED INFRASTRUCTURE

CLOSURE STATEMENT

1. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1992 AND THE SURVEYING BOARD OF THE STATE OF GEORGIA. THE SURVEY WAS CONDUCTED BY WILLIAM LUCAS, LICENSED PROFESSIONAL SURVEYOR, LICENSE NO. 2742821. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING ACT OF 1992 AND THE SURVEYING BOARD OF THE STATE OF GEORGIA. THE SURVEY WAS CONDUCTED BY WILLIAM LUCAS, LICENSED PROFESSIONAL SURVEYOR, LICENSE NO. 2742821.

IF YOU DIG

1. Know what's below, before you dig. Call 811. 800-485-4811

TOPOGRAPHIC SURVEY OF
NORTH BEND COURT CULVERT
 FOR
Pond & Company, Inc.

DATE: 02/14/2015
 TIME: 08:00 AM
 PROJECT: 121501
 CLIENT: POND & COMPANY, INC.
 SURVEYOR: WILLIAM LUCAS
 LICENSE NO.: 2742821

A1 TOPOGRAPHIC SURVEY
 SCALE 1" = 30'

100% DESIGN ISSUED FOR CONSTRUCTION



FAYETTE COUNTY
 146 WEST HALL AVENUE, SUITE 200
 FAYETTEVILLE, GA 30214

CLIENT INFORMATION
FAYETTE COUNTY
 146 WEST HALL AVENUE, SUITE 200
 FAYETTEVILLE, GA 30214

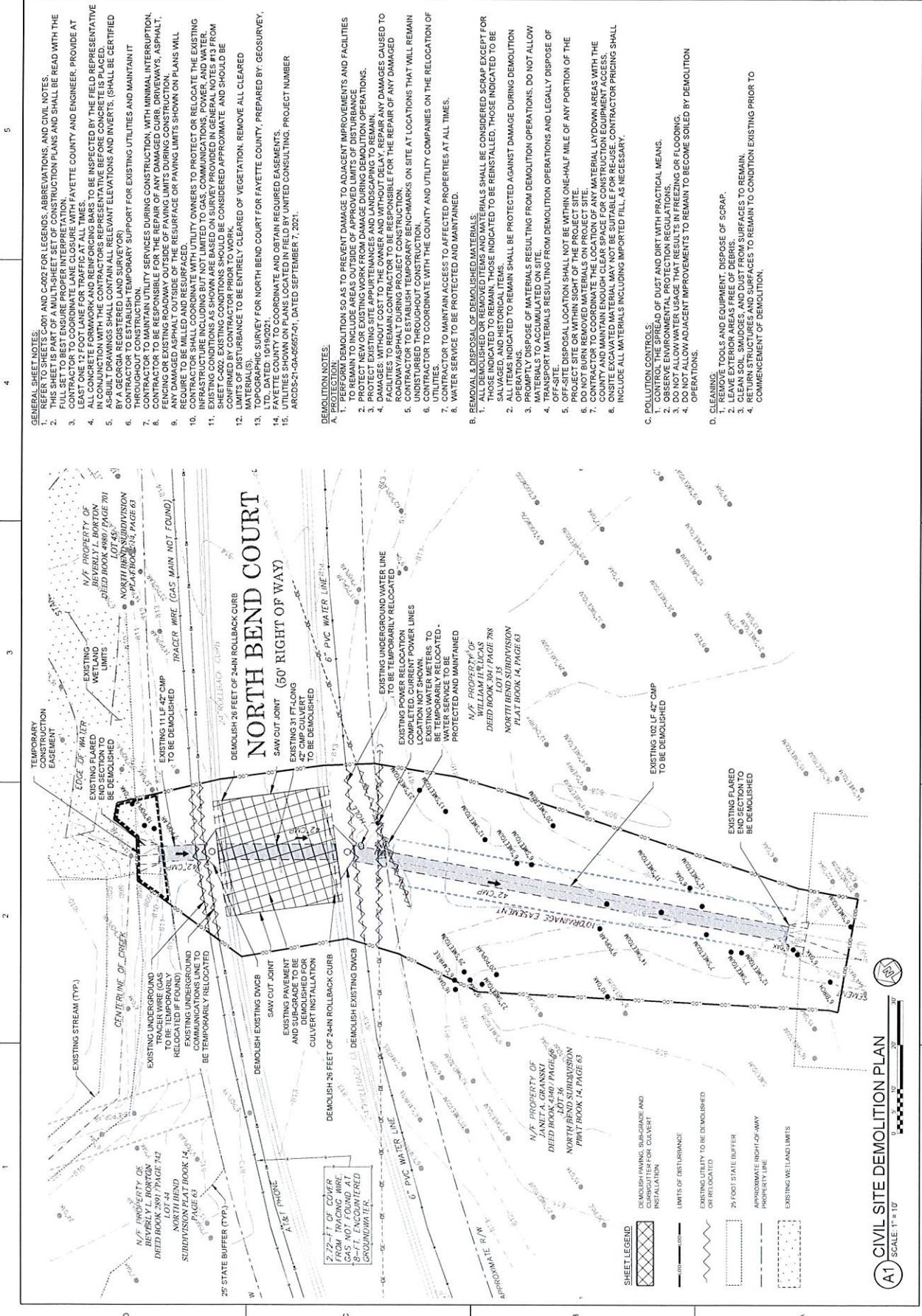
PROJECT NAME
NORTH BEND COURT CULVERT REPLACEMENT
 FAYETTE COUNTY, GA

ISSUING OFFICE
 100% DESIGN

MARK	DESCRIPTION
DEIGNED BY	MW
DRAWN BY	MW
CHECKED BY	DAMON
SUBMITTED BY	DSM
DATE	February 14, 2024
PROJECT #	210602

SHEET TITLE
CIVIL SITE DEMOLITION PLAN

SHEET NUMBER
CD101
 SHEET 5 OF 19
 ORIGINAL SHEET SIZE
 22" X 34"



GENERAL SHEET NOTES:
 1. REFER TO SHEETS 2001 AND C-002 FOR LEGENDS, ABBREVIATIONS, AND CIVIL NOTES.
 2. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
 3. CONTRACTOR TO COORDINATE LANE CLOSURE WITH FAYETTE COUNTY AND ENGINEER. PROVIDE AT LEAST 14 DAYS NOTICE TO FAYETTE COUNTY AND ENGINEER.
 4. ALL CONCRETE FORMWORK AND REINFORCING BARS TO BE INSPECTED BY THE FIELD REPRESENTATIVE IN CONJUNCTION WITH THE CONTRACTOR'S REPRESENTATIVE BEFORE CONCRETE IS PLACED.
 5. AS-BUILT DRAWINGS SHALL CONTAIN ALL RELEVANT ELEVATIONS AND INVERTS. (SHALL BE CERTIFIED BY A GEORGIA REGISTERED LAND SURVEYOR).
 6. CONTRACTOR TO OBTAIN TEMPORARY SUPPORT FOR EXISTING UTILITIES AND MAINTAIN IT THROUGHOUT CONSTRUCTION.
 7. CONTRACTOR TO MAINTAIN UTILITY SERVICES DURING CONSTRUCTION, WITH MINIMAL INTERRUPTION, FENCING OR EXISTING ROADWAY OUTSIDE OF PAVING LIMITS DURING CONSTRUCTION.
 8. CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED CURB, DRIVEWAYS, ASPHALT, PAVEMENT, OR EXISTING ROADWAY OUTSIDE OF PAVING LIMITS SHOWN ON PLANS WILL REQUIRE TO BE MILLED AND RESURFACED. RESURFACE ON PAVING LIMITS SHOWN ON PLANS WILL REQUIRE TO BE MILLED AND RESURFACED.
 9. CONTRACTOR SHALL COORDINATE WITH UTILITY OWNERS TO PROTECT OR RELOCATE THE EXISTING INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO GAS, COMMUNICATIONS, POWER, AND WATER. EXISTING CONDITIONS AS SHOWN ARE BASED ON SURVEY PROVIDED IN GENERAL NOTES #13 FROM THIS SHEET. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO WORK. CONSIDERED APPROXIMATE AND SHOULD BE CONFIRMED BY CONTRACTOR PRIOR TO WORK.
 10. LIMITS OF DISTURBANCE TO BE ENTIRELY CLEARED OF VEGETATION. REMOVE ALL CLEARED MATERIAL(S).
 11. SURVEY FOR NORTH BEND COURT FOR FAYETTE COUNTY, PREPARED BY: GEOSURVEY, LTD., DATED: 09/14/2020.
 12. FAYETTE COUNTY TO COORDINATE AND OBTAIN REQUIRED EASEMENTS.
 13. UTILITIES SHOWN ON PLANS LOCATED IN FIELD BY UNITED CONSULTING, PROJECT NUMBER ARCD521-5A-06567-01, DATED SEPTEMBER 7, 2021.

DEMOLITION NOTES:
 A. PROTECTION
 1. PERFORM DEMOLITION SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES
 2. REMAIN TO INCLUDE AREAS OUTSIDE OF APPROVED LIMITS OF DISTURBANCE
 3. PROTECT EXISTING SITE APPURTENANCES AND LANDSCAPING TO REMAIN
 4. DAMAGES WITHOUT COST TO THE OWNER AND WITHOUT DELAY. REPAIR ANY DAMAGES CAUSED TO FACILITIES TO REMAIN. CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED FACILITIES TO REMAIN.
 5. CONTRACTOR TO ESTABLISH PROTECT CONSTRUCTION UNDISTURBED THROUGHOUT CONSTRUCTION.
 6. CONTRACTOR TO COORDINATE WITH THE COUNTY AND UTILITY COMPANIES ON THE RELOCATION OF UTILITIES.
 7. CONTRACTOR TO MAINTAIN ACCESS TO AFFECTED PROPERTIES AT ALL TIMES.
 8. WATER SERVICE TO BE PROTECTED AND MAINTAINED.
 B. REMOVAL & DISPOSAL OF DEMOLISHED MATERIALS
 1. ALL DEMOLISHED OR REMOVED ITEMS AND MATERIALS SHALL BE CONSIDERED SCRAP EXCEPT FOR SALVAGED AND HISTORICAL ITEMS INDICATED TO BE REINSTALLED, THOSE INDICATED TO BE SALVAGED AND HISTORICAL ITEMS SHALL BE PROTECTED AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
 2. ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
 3. MATERIALS TO BE REMOVED SHALL BE TRANSPORTED TO AN APPROVED MATERIALS REUSE OR RECYCLING FACILITY.
 4. TRANSPORT MATERIALS RESULTING FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
 5. OFF-SITE DISPOSAL LOCATION SHALL NOT BE WITHIN ONE-HALF MILE OF ANY PORTION OF THE PROJECT SITE.
 6. DO NOT BURN OR GRIND MATERIALS ON THE PROJECT SITE.
 7. CONTRACTOR TO COORDINATE THE LOCATION OF ANY MATERIAL LAYDOWN AREAS WITH THE COUNTY AND MAINTAIN ENOUGH CLEAR SPACE FOR CONSTRUCTION EQUIPMENT ACCESS.
 8. ON-SITE EXCAVATED MATERIAL MAY NOT BE SUITABLE FOR REUSE. CONTRACTOR PRICING SHALL INCLUDE ALL MATERIALS INCLUDING IMPORTED FILL, AS NECESSARY.
 C. POLLUTION CONTROLS:
 1. CONTROL THE SPREAD OF DUST AND DIRT WITH PRACTICAL MEANS.
 2. CONTROL THE SPREAD OF OIL AND GREASE WITH PRACTICAL MEANS.
 3. DO NOT ALLOW WATER USAGE THAT RESULTS IN FREEZING OR FLOODING.
 4. DO NOT ALLOW ADJACENT IMPROVEMENTS TO REMAIN TO BECOME SOILED BY DEMOLITION OPERATIONS.
 D. CLEANING
 1. REMOVE TOOLS AND EQUIPMENT. DISPOSE OF SCRAP.
 2. CLEAN EXTERIOR AREAS FREE OF DEBRIS.
 3. CLEAN SOIL, SMUDGES, AND DUST FROM SURFACES TO REMAIN.
 4. MAINTAIN ADJACENT IMPROVEMENTS TO REMAIN TO BE IN CONDITION EXISTING PRIOR TO COMMENCEMENT OF DEMOLITION.

100% DESIGN ISSUED FOR CONSTRUCTION

(A1) CIVIL SITE DEMOLITION PLAN
 SCALE: 1" = 10'

SHEET LEGEND

	DEMOLISH PAVING, SURGRADE AND CURB/OUTLET FOR CULVERT INSTALLATION
	LIMITS OF DISTURBANCE OR RELOCATED
	EXISTING UNDERGROUND UTILITIES TO BE DISBURSED
	25 FOOT STATE BUFFER
	APPROXIMATE RIGHT-OF-WAY PROPERTY LINE
	EXISTING WETLAND LIMITS



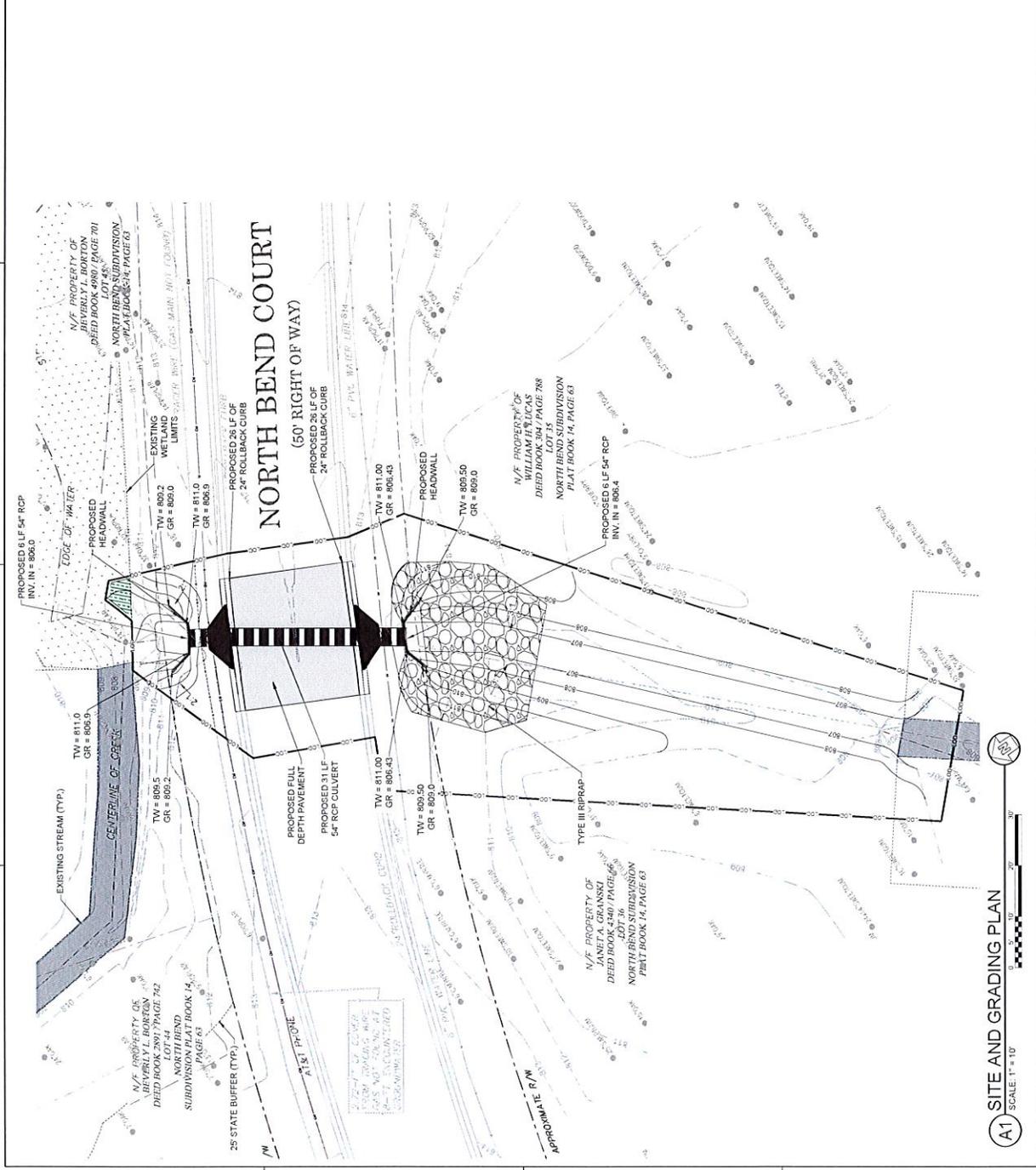
- GENERAL SHEET NOTES:**
- REFER TO SHEETS C-001 AND C-002 FOR LEGENDS, ABBREVIATIONS, AND CIVIL NOTES.
 - THIS SHEET IS PART OF A MULTISHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
 - CONTRACTOR SHALL MAINTAIN A RECORD OF ALL CHANGES MADE TO THESE PLANS BY AN ENGINEER, PROVIDED AT LEAST ONE (1) FOOT LANE FOR TRAFFIC AT ALL TIMES, CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ALL APPLICABLE STATE AND FEDERAL REGULATIONS.
 - ALL CONCRETE FORMWORK AND REINFORCING BARS TO BE INSPECTED BY THE ENGINEER OR OWNER'S FIELD REPRESENTATIVE IN CONJUNCTION WITH THE CONTRACTOR'S REPRESENTATIVE BEFORE CONCRETE IS PLACED.
 - AS BUILT DRAWINGS SHOULD BE SUBMITTED BY A REGISTERED SURVEYOR AND CONTRACTOR TO ESTABLISH TEMPORARY SUPPORT FOR EXISTING UTILITIES AND SURVEYOR SHALL CONTAIN ALL RELEVANT ELEVATIONS AND INVERTS, ALL WORK SHALL BE THROUGHOUT CONSTRUCTION.
 - CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED CURB OR DRIVEWAYS DURING CONSTRUCTION.
 - CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED ADJACENT ASPHALT DURING PROJECT CONSTRUCTION, AS WELL AS REPLACEMENT OF ANY DAMAGED DRIVEWAYS.
 - THE STRUCTURE SHOP DRAWINGS ARE TO BE APPROVED BY ENGINEER FOR OWNER.
 - UTILITIES SHOWN ON PLANS LOCATED IN FIELD BY UNITED CONSULTING, PROJECT NUMBER AN2302-21-004550-01, DATED SEPTEMBER 7, 2021.

- GRADING NOTES:**
- ROAD TO BE GRADED FROM CROWN TO EDGE OF ASPHALT AT 1/4" PER 1' MAXIMUM SLOPES ALLOWED WITHIN FAYETTE COUNTY RIGHT-OF-WAY.
 - SHALL BE 2:1, PROVIDE CENTER'S, SLOPES WHERE POSSIBLE.

NOTE:
TEMPORARY AND PERMANENT EASEMENTS ARE SHOWN ON C-0301.

SHEET LEGEND

	FULL DEPTH ASPHALT PAVING AND ROLLBACK CURBS (SECTION REFER TO FAYETTE COUNTY TYPICAL)
	LIMITS OF DISTURBANCE
	APPROXIMATE RIGHT OF WAY PROPERTY LINE
	25 FOOT STATE BUFFER
	EXISTING WETLAND LIMITS
	EXISTING STREAM LIMITS
	TYPE III RIPRAP
	WATERLINE
	OVERHEAD ELECTRICAL
	COMMUNICATION LINE
	GAS LINE
	DISTURBED WETLANDS, 23 S.F. OF IMPACT TO EXISTING WETLAND



(A1) SITE AND GRADING PLAN
SCALE: 1" = 10'

100% DESIGN ISSUED FOR CONSTRUCTION



CLIENT INFORMATION
FAYETTE COUNTY
 140 N. FAYETTEVILLE, GA 30214

PROJECT NAME
**NORTH BEND
 COURT
 CULVERT
 REPLACEMENT**
 FAYETTE COUNTY, GA

DRAWING ISSUE
 DATE

DESCRIPTION
 MARK
 DESIGNED BY
 DRAWN BY
 CHECKED BY
 SUBMITTED BY
 DATE
 PROJECT #

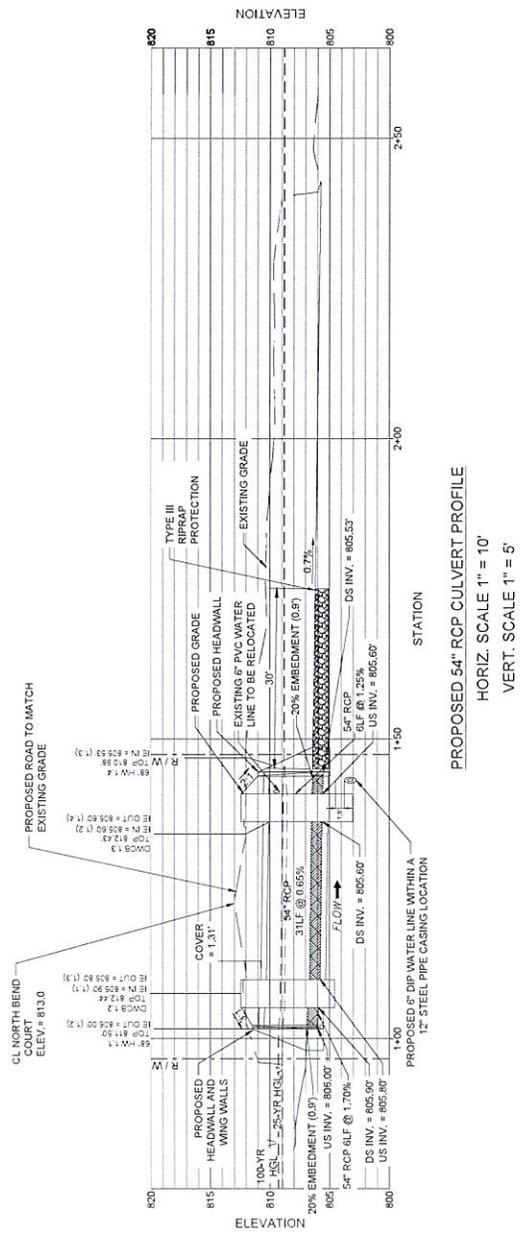
SHEET TITLE
**STORM DRAIN
 PROFILE**

SHEET NUMBER
CG201
 SHEET 7 OF 19
 ORIGINAL SHEET SIZE
 24" X 36"

GENERAL SHEET NOTES
 1. CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS AND DEPTHS.

LOW SUMMARY TABLE				
STORM FREQUENCY	FLOW (G/S)	HEADWATER ELEVATION (FT)	OUTLET VELOCITY (FPS)	DOWNSTREAM VELOCITY (FPS)
10-YEAR	85.9	808.71	6.81	13.65
25-YEAR	102.2	808.97	8.10	14.32
100-YEAR	127.8	809.53	10.14	15.22

DRAINAGE AREA = 78 ACRES
 AVERAGE STREAM SLOPE = 0.7%



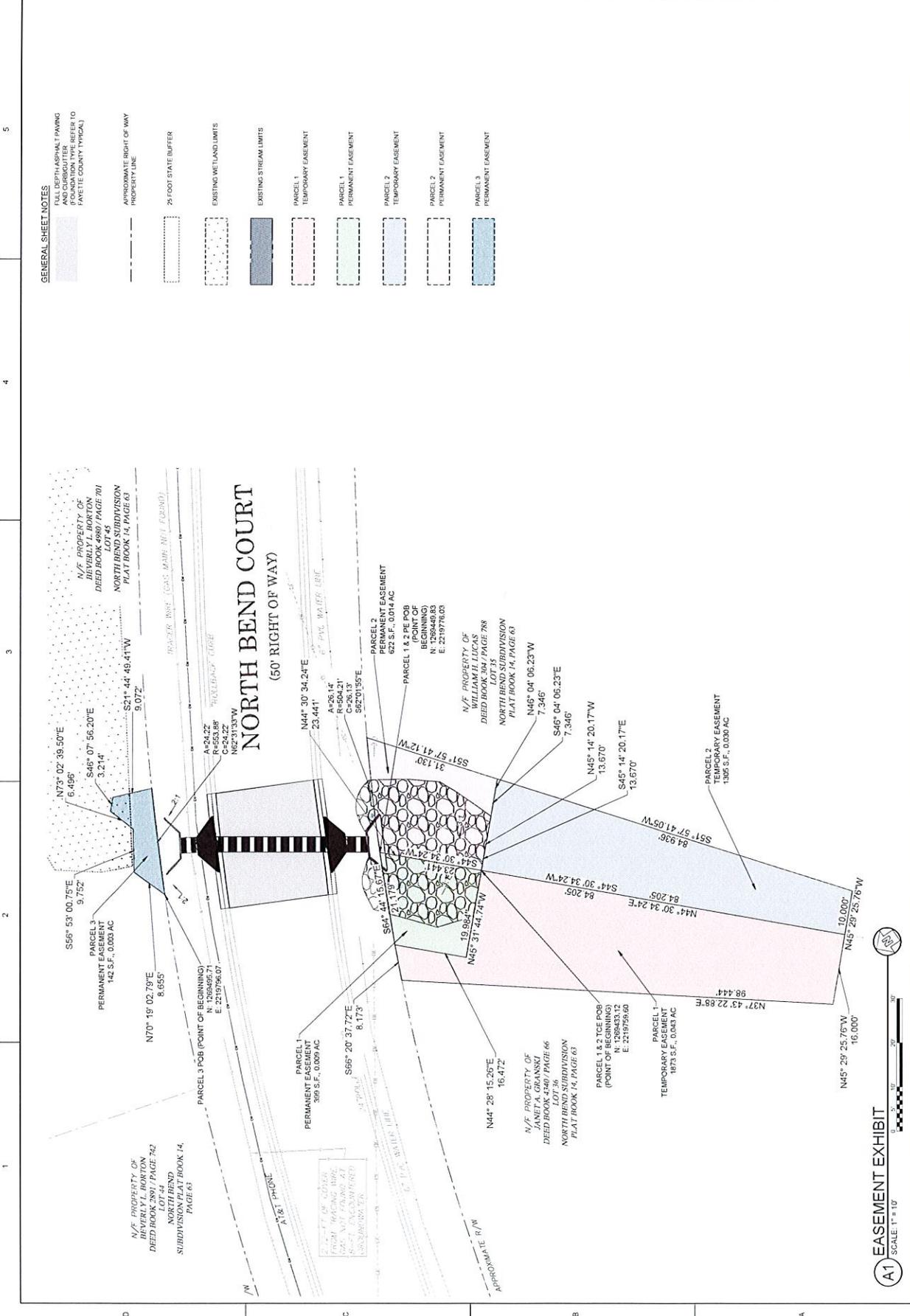
PROPOSED 54" RCP CULVERT PROFILE
 HORIZ. SCALE 1" = 10'
 VERT. SCALE 1" = 5'

100% DESIGN ISSUED FOR CONSTRUCTION



GENERAL SHEET NOTES

- 1. ALL DEPTH, ASPHALT PAVING AND CURB/GUTTER FOUNDATION TYPE REFER TO FAYETTE COUNTY TYPICAL.
- 2. APPROXIMATE RIGHT OF WAY PROPERTY LINE.
- 3. 25 FOOT STATE BUFFER.
- 4. EXISTING WETLAND LIMITS.
- 5. EXISTING STREAM LIMITS.
- 6. PARCEL 1 TEMPORARY EASEMENT.
- 7. PARCEL 1 PERMANENT EASEMENT.
- 8. PARCEL 2 TEMPORARY EASEMENT.
- 9. PARCEL 2 PERMANENT EASEMENT.
- 10. PARCEL 3 PERMANENT EASEMENT.



A1 EASEMENT EXHIBIT
SCALE: 1" = 10'

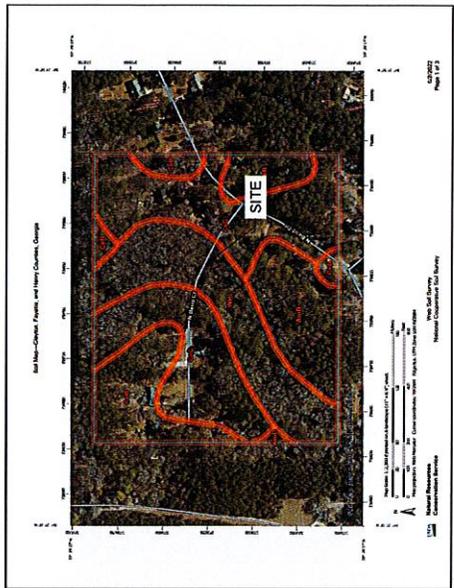
100% DESIGN ISSUED FOR CONSTRUCTION



PROJECT NAME
NORTH BEND COURT CULVERT REPLACEMENT

FAYETTE COUNTY, GA

1 2 3 4 5



SOIL MAP

SOILS LEGEND

SYMBOL	DESCRIPTION
Amh1	Atlantic Sandy Soils, 2 to 8 percent slopes
Cs1	Coastal Sandy Soils, 7 to 8 percent slopes
Cs2	Coastal Sandy Soils, 9 to 15 percent slopes
Wt1	Wetlands soils, 0 to 2 percent slopes, topography flooded

FEMA FLOOD MAP - 1311C0118E DATED 09/26/2008

SCALE: NTS

THERE ARE ANOMALY WETLANDS LOCATED WITHIN 200 FEET OF PROJECT AREA. STATE WATERS DO EXIST WITHIN 200 FEET OF PROJECT AREA.

NON-EMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25- OR 50-FOOT UNDISTURBED STREAM BUFFERS AS REQUIRED FROM THE POINT OF PRELIMINARY DESIGN WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

MEASUREMENTS TO THE EASING PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.

DESIGN PROFESSIONAL CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

DAVID MORGAN, P.E.
 GS5WCC LEVEL II CERTIFICATION # 0000011643
 EXPIRES: 09/03/2024

February 14, 2024
 DATE

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN GENERAL NOTES

(IN CONFORMANCE WITH STATE OF GEORGIA GENERAL WIPES PERMIT NO. GAR 100001)

OWNER: THE MALLON
 140 EASTWELL AVE. W.
 SUITE 200, FAYETTEVILLE, GA 30214
 PUBLICWORKS@FAYETTECOUNTYGA.GOV

ENGINEER: POND & COMPANY
 3500 PEACHTREE CORNERS, GEORGIA 30092
 PHONE: (678) 336-7740
 FAX: (678) 336-7744

CONTACT: DAVID MORGAN, PE
 GA, P.E. # 27429, E&S LEVEL II CERTIFICATION # 0000011643

CONTRACTOR: TO BE DETERMINED

24-HOUR EROSION AND SEDIMENT CONTROL CONTACT: THE MALLON - 770.313.8855

TOTAL SITE AREA: 0.15 ACRES
 DISTURBED AREA: 0.15 ACRES

EXISTING LAND USE: THE EXISTING LAND USE CONSISTS OF TWO LANE PAVED ROAD WITH 42" CMP CULVERTS.

PROPOSED LAND USE: 42" DIAMETER CMP STORM DRAINS. THE STORM DRAINS ARE TO BE REPLACED WITH 43 LF OF 24-INCH STORM DRAINS.

GPS COORDINATES OF SITE: 33°22'27.7N, 84°25'06.87W
 NAME OF RECEIVING WATERS: FLINT RIVER
 AREA OF ON-SITE WETLANDS: 0 AC

EROSION CONTROL LEGEND

- Ds1 TEMPORARY MULCHING - DETAIL A4/CE-501
- Ds2 TEMPORARY SEEDING - DETAIL A1/CE-502
- Ds4 DISTURBED AREA STABILIZATION W/ SODDING - DETAIL A3/CE-502
- Ss SLOPE STABILIZATION DETAIL A1/CE-504
- Ss1/Ss2 SILT FENCING DETAIL C2/CE-501
- Du DUST CONTROL - DETAIL A1/CE-501
- Cd-Fs FILTER SOCK DETAIL C4/CE-502
- Tt TREE PROTECTION DETAIL __CE-50__
- Co CONSTRUCTION EXIT DETAIL __CE-50__

ACTIVITY SCHEDULE (FOR PERMITTING REFERENCE ONLY)

ACTIVITY	TIME (IN WEEKS)
INSTALL SILT FENCE, CONSTRUCTION EXIT	1
CLEARING AND GRUBBING	1-2
INSTALL EROSION CONTROL MEASURES FOR CONTOURS INCLUDING SEDIMENT BANKS, CHECK DAMS, ROCK DAMS, DIVERSION TRENCHES, TRAPS, AND FILTER RINGS.	1-2
DEMOLITION OF SURFACE PAVEMENT, GRADY FENCES, EXISTING CULVERTS AND UTILITY LINES.	1-2
ROUGH GRADING OPERATIONS	1-2
INSTALLATION OF REINFORCED CULVERTS	1-2
FINAL GRADING AND FINISHING	1-2
DEMOLITION OF TEMPORARY EROSION CONTROL MEASURES	1-2
MAINTENANCE OF EROSION CONTROL MEASURES AND SEDIMENT CONTROL MEASURES	1-2

DESIGN PROFESSIONAL: DAVID MORGAN, P.E. LEVEL II CERTIFICATION No. 0000011643 EXPIRES: 09/03/2024

811 Know what's below. Before you dig. Or Call 800-382-7411

EROSION AND SEDIMENTATION CONTROL NOTES AND LEGEND

SHEET NUMBER: CE001
 SHEET 9 OF 19
 ORIGINAL SHEET SIZE: 22" X 34"

100% DESIGN ISSUED FOR CONSTRUCTION



CLIENT INFORMATION
FAYETTE COUNTY
140 FAYETTEVILLE, GA 30217

PROJECT NAME
NORTH BEND COURT CULVERT REPLACEMENT
FAYETTE COUNTY, GA

DRAWING ISSUE
DATE

MARK

DESIGNED BY
DRAWN BY
CHECKED BY
SUBMITTED BY
DATE
PROJECT #

SHEET TITLE
EROSION AND SEDIMENTATION CONTROL NOTES AND LEGEND

SHEET NUMBER
CE02
SHEET 10 OF 19
ORIGINAL SHEET SIZE
24 X 36"

1 2 3 4 5

STRUCTURAL PRACTICES:
THE STRUCTURAL PRACTICES SHOWN ON THIS PLAN HAVE BEEN DESIGNED TO REDUCE EROSION & SEDIMENTATION OF DISTURBED AREAS.

SILT FENCE (S1) OR STEEPER AND HIGHER THAN 5 FEET, AND ALL SLOPES ADJACENT TO BUFFERS SHALL RECEIVE SURFACE ROUGHENING, AND EROSION CONTROL MATTING. SILT FENCING WILL BE USED TO PREVENT FROM ENTERING THE STORM SEWER.

CRITICAL WORK ZONE:
ALL SLOPES 3:1 OR STEEPER AND HIGHER THAN 5 FEET, AND ALL SLOPES ADJACENT TO BUFFERS SHALL RECEIVE SURFACE ROUGHENING, AND EROSION CONTROL MATTING. SILT FENCING WILL BE USED TO PREVENT FROM ENTERING THE STORM SEWER.

CONSTRUCTION PERIOD STORM WATER POLLUTANT CONTROL:
SEMI-ANNUAL AND FUEL OILS ARE THE POTENTIAL SOURCES OF STORM WATER POLLUTION DURING THE CONSTRUCTION PROCESS. THESE POLLUTANTS WILL BE REMOVED AND/OR REDUCED VIA THE BMPs CONTAINED WITHIN THIS PLAN.

STABILIZATION MEASURES:
THE STABILIZATION MEASURES SHOWN ON THESE PLANS HAVE BEEN DESIGNED TO STABILIZE THE DISTURBED AREAS FOLLOWING THE TEMPORARY OR PERMANENT COMPLETION OF CONSTRUCTION. ALL EXPOSED AREAS SHALL BE STABILIZED WITH TEMPORARY MULCHING (DS1) IMMEDIATELY AFTER TRENCING IF THEY ARE TO BE LEFT EXPOSED FOR MORE THAN 14 DAYS. PERMANENT MULCHING (DS2) SHALL BE USED FOR PERMANENT (DS3) VEGETATION AS INDICATED ON THE PLAN. SLOPES GREATER THAN 3:1 ARE TO BE STABILIZED WITH EROSION CONTROL MATTING (EM). DUST CONTROL (DU) SHALL ALSO BE PROVIDED AS NEEDED DURING GRADING ACTIVITIES. SEE EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ESPCP) DETAIL SHEETS FOR MORE DETAILS REGARDING THESE STABILIZATION MEASURES.

KEEPING PLANS CURRENT:
THE PRIMARY, SECONDARY OR TERTIARY PERMITTEES, AS APPLICABLE, SHALL AMEND THEIR PLAN WHENEVER EFFECTIVE PLANS WITH A HYDRAULIC COMPONENT (IE, THOSE BMPs WHERE THE DESIGN IS BASED UPON RAINFALL INTENSITY, DURATION AND RETURN FREQUENCY) STORMS OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM SOURCES IDENTIFIED UNDER "PROVIDED IN THIS PERMIT". SECONDARY PERMITTEES MUST NOTIFY THE PRIMARY PERMITTEE WITHIN 24 HOURS OF BECOMING AWARE OF ANY SUSPECTED BMP DESIGN DEFICIENCIES WHICH ARE NOT EFFECTIVE IN CONTROLLING THE DISCHARGE OF POLLUTANTS FROM THE SECONDARY PERMITTEE'S SITE. THE PRIMARY PERMITTEE SHALL BE NOTIFIED BY THE SECONDARY PERMITTEE WITHIN 72 HOURS OF THE SECONDARY PERMITTEE'S DISCOVERY OF DEFICIENCIES. THE PRIMARY PERMITTEE SHALL AMEND THE PLAN IN ACCORDANCE WITH THIS PARAGRAPH IF THESE DEFICIENCIES ARE FOUND TO EXIST SEVEN (7) DAYS OF BEING NOTIFIED BY THE SECONDARY PERMITTEE. THOSE DEFICIENT BMPs WITHIN SEVEN (7) DAYS OF BEING NOTIFIED BY THE SECONDARY PERMITTEE SHALL BE AMENDED IMMEDIATELY AND THE PRIMARY PERMITTEE SHALL PROVIDE A COPY OF THE AMENDMENTS TO THE SECONDARY PERMITTEE WITHIN SEVEN (7) DAYS OF BEING NOTIFIED BY THE SECONDARY PERMITTEE. THE PRIMARY PERMITTEE SHALL BE RESPONSIBLE FOR VERIFYING AND RECORDING THE EFFECTS OF THEIR SITE(S) WITHIN 48 HOURS OF NOTIFICATION BY THE PRIMARY PERMITTEE. NOTWITHSTANDING THE FOREGOING, THE PRIMARY PERMITTEE REMAINS RESPONSIBLE FOR INSURING THAT THE PLAN, AS APPROPRIATE, MEETS THE REQUIREMENTS OF THIS PERMIT.

PROPER OPERATION AND MAINTENANCE:
THE PERMITTEE SHALL AT ALL TIMES PROPERLY OPERATE AND MAINTAIN ALL FACILITIES AND SYSTEMS OF TREATMENT AND CONTROL AND THE DESIGN AND CONSTRUCTION OF THE PERMIT AND THE REQUIRED PLANS. PROPER OPERATION AND MAINTENANCE ALSO INCLUDES ADEQUATE LABORATORY CONTROLS AND APPROPRIATE QUALITY ASSURANCE PROCEDURES. PROPER OPERATION AND MAINTENANCE REQUIRES THE OPERATION OF BACKUP OR AUXILIARY FACILITIES OR SIMILAR SYSTEMS. INSTALLATION BY A PERMITTEE ONLY OF EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

NON-STORM WATER DISCHARGES:
NON-STORM WATER DISCHARGES (DISCHARGES FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING, IRRIGATION DRAINAGE, AIR CONDITIONING, WASH WATER, AND OTHER SOURCES) SHALL BE PREVENTED FROM ENTERING THE STORM WATER DRAINAGE SYSTEM. FLOWS ARE NOT CONTAMINATED WITH PROCEEDS MATERIALS OR POLLUTANTS THAT ARE COMBINED WITH THE STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY THAT ARE DISCHARGED TO THE PROPOSED STORM DRAINAGE SYSTEM AND ROUTED THROUGH THE EROSION AND SEDIMENTATION CONTROLS PROVIDED WITHIN THIS PLAN. NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF THIS IS NOT POSSIBLE.

WASTE MATERIALS AND DISPOSAL:
ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER OR OTHER APPROPRIATE WASTE MANAGEMENT FACILITY PERMISSIBLE UNDER GSP PERMIT NO. 100001. WASTE MANAGEMENT FACILITIES SHALL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND WASTE MANAGEMENT FACILITIES SHALL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH SHALL BE HAILED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE SHALL BE BURIED ON-SITE.

HAZARDOUS WASTES:
ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER AS REQUIRED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SHALL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE SHALL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS COPY OF EACH MSDS SHALL BE MAINTAINED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC CONTROL TECHNIQUES THAT ARE APPLICABLE. MSDS FOR THE PRODUCT BEING USED, PARTICULARLY REGARDING SPILL CONTROL, SHALL BE MAINTAINED ON THE JOB SITE.

SPILL PREVENTION:
PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL SHALL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISBURSING INTO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:
QUANTITIES OF PRODUCTS STORED ON-SITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB. PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.

SPILL PREVENTION:
PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL SHALL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISBURSING INTO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:
QUANTITIES OF PRODUCTS STORED ON-SITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB. PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.

SPILL PREVENTION:
PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL SHALL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISBURSING INTO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:
QUANTITIES OF PRODUCTS STORED ON-SITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB. PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.

SPILL PREVENTION:
PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL SHALL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISBURSING INTO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:
QUANTITIES OF PRODUCTS STORED ON-SITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB. PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN GENERAL NOTES

(IN CONFORMANCE WITH STATE OF GEORGIA GENERAL NPDES PERMIT NO. GA01 100001)

PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND OILS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINAGE AND STORM WATER DRAINAGE INLETS. PREVENT MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

PANTRY/RESIDUALS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED INTO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON SITE. THE CONCRETE PROVIDER HAS RESPONSIBILITY TO ENSURE APPROPRIATE TRAINING HAS BEEN PROVIDED TO THEIR TRUCK DRIVERS, AND MUST PROVIDE APPROPRIATE DETAILS AND RESOURCES TO ENABLE THEM TO COMPLETE A DELIVERY WITHOUT CAUSING POLLUTION. SHEEP OR SHOVEL ANY SPILLS THAT OCCUR AND ALLOW RESIDUE TO SET BEFORE REMOVING. THE HARDENED RESIDUE MAY THEN BE PLACED IN A DESIGNATED CONCRETE RECYCLING BIN ON SITE. DO NOT WASH CONCRETE/MASONRY INTO STORM DRAINING, OPEN DITCHES, STREETS, OR STREAMS. TRUCKS SHOULD NOT TRACK ANY CONCRETE ON ROAD AND SEDIMENT OFF SITE.

FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS, THE GSP ESTABLISHMENT GUIDELINES, OR THE SPECIFICATIONS CONTAINED WITHIN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN:
A. LOCAL, STATE, AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND PROCEDURES SHALL BE MADE AVAILABLE TO SITE PERSONNEL.
B. MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREAS, TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, METAL WASTE CONTAINERS, CAN LITTER, SAND, SANDMIST, AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
C. SPILL PREVENTION PRACTICES AND PROCEDURES SHALL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
D. ALL SPILLS WILL BE CLEANED IMMEDIATELY UPON DISCOVERY. ALL SPILLS SHALL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
E. THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN THE STORM WATER DISCHARGE(S) FROM A SITE SHALL BE PREVENTED.
F. WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A RELEASES ACT 10 C.G.A. SEC. 12-142, ET SEQ., 40 CFR 117, OR 40 CFR 302 OCCURS DURING A 24-HOUR PERIOD, THE PERMITTEE IS REQUIRED TO NOTIFY EPA AT (404) 656-6863 OR (800) 241-4113, AND THE NATIONAL RESPONSE CENTER (NRC) AT (800) 424-9602 IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR 117, AND 40 CFR 302 AS SOON AS HE HAS KNOWLEDGE OF THE DISCHARGE. (C.F.R. 12-142, ET SEQ., 40 CFR 117, AND 40 CFR 302 AS SOON AS HE HAS KNOWLEDGE OF THE DISCHARGE.)
G. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER) OR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) SHALL BE CONTACTED WITHIN 24 HOURS AT (800) 424-9602.
H. FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD SHALL BE CONTACTED WITHIN 24 HOURS AT (604) 656-6863 OR (800) 241-4113.
I. LOCAL AGENCIES SHALL BE CONTACTED AS REQUIRED.
J. GENERAL NPDES PERMIT NO. GA01 100001 DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ON-SITE SPILL.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT IS CAPABLE OF HOLDING MORE THAN 1,320 GALLONS OF PETROLEUM. PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY A LICENSED PROFESSIONAL.

DESIGN PROFESSIONAL:
DAVID WORGAN, P.E.
LEVEL: LICENSED PROFESSIONAL
LICENSE NO. 0000116041
EXPIRES: 06/03/2024

811
Know what's below.
Call before you dig.
Dial 811
or call 800-282-8411

100% DESIGN ISSUED FOR CONSTRUCTION



CLIENT INFORMATION
FAYETTE COUNTY
 140 WESTVILLE, GA 30224

PROJECT NAME
NORTH BEND COURT CULVERT REPLACEMENT
 FAYETTE COUNTY, GA

DESIGNED BY: MOW
 DRAWN BY: MOW
 CHECKED BY: DAWSON
 SUBMITTED BY: DMM
 DATE: February 4, 2025
 PROJECT #: 170692

SHEET TITLE
EROSION AND SEDIMENTATION CONTROL PLAN - INITIAL PHASE

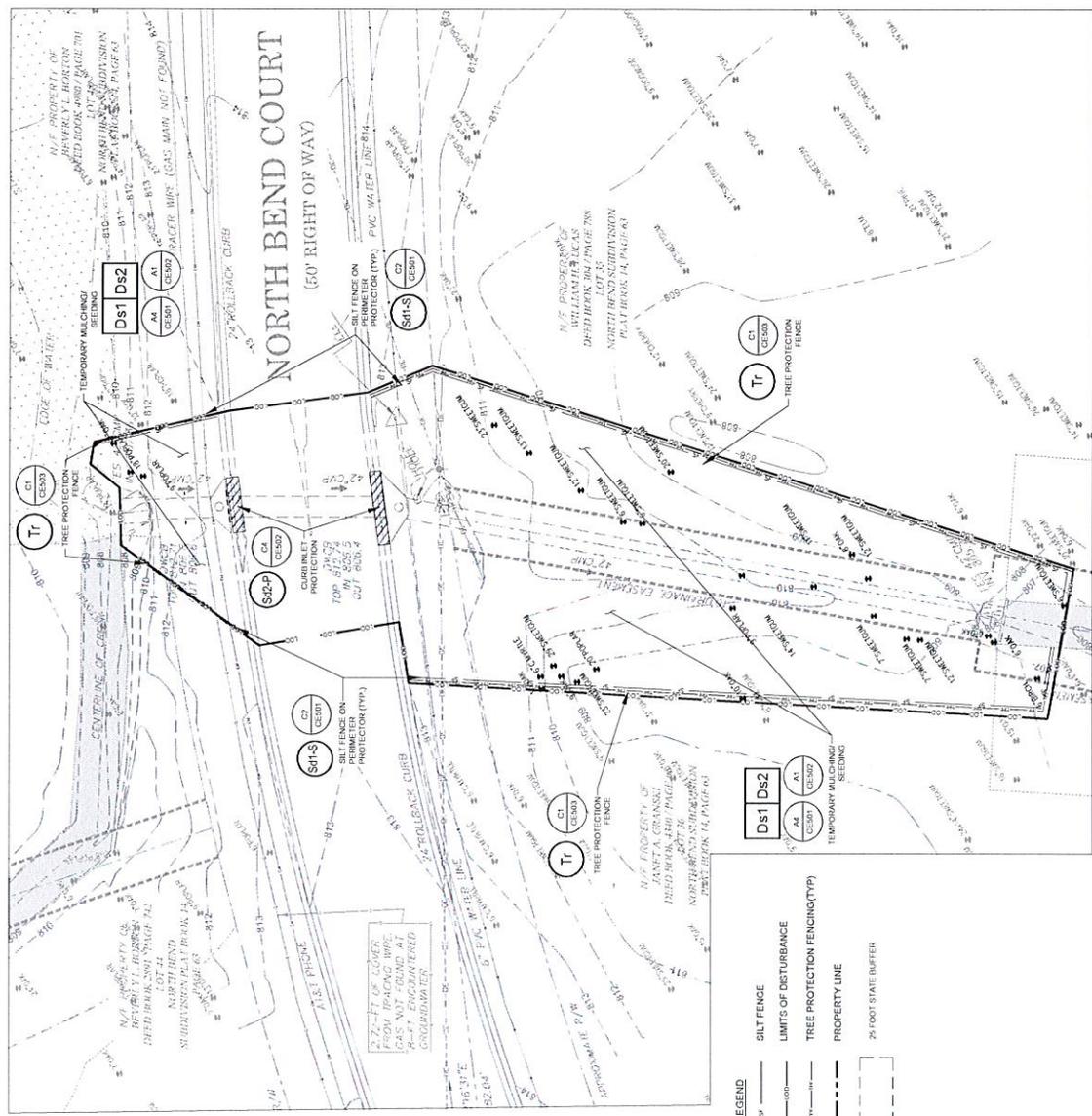
SHEET NUMBER
CE101
 SHEET 12 OF 18
 ORIGINAL SHEET SIZE: 22" x 34"

SUMMARY OF AREAS

TOTAL SITE AREA: 0.19 ACRES
 ONSITE DISTURBED AREA: 0.15 ACRES
 AREA TO SILT FENCE: 0.27 ACRES
 STORAGE IS NOT OBTAINABLE. SEDIMENT REMOVALS PROVIDED BY SILT FENCING.
 1" x 4" SILT FENCE REQUIRED
 1" x 4" SILT FENCE REQUIRED
 1" x 4" SILT FENCE PROVIDED

- GENERAL SHEET NOTES
1. REFER TO ALL SHEETS FOR GENERAL CIVIL NOTES, LEGENDS AND ABERRATIONS.
 2. THIS SHEET IS PART OF A MULTISHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
 3. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
 4. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE EROSION CONTROL PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 5. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
 6. ANY DISTURBED AREA LEFT FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH MULCH OR SEEDING.
 7. CONSTRUCTION ENTRANCE TO BE DETERMINED BY COUNTY AND CONTRACTOR PRIOR TO CONSTRUCTION.
 8. CONTRACTOR TO SOO COUNTY R/W WITHIN LOD AND PERMANENT SEEDING ELSEWHERE. REPLACE ANY EXISTING SOO IN KIND WITH SOO.

NOTE
 TEMPORARY AND PERMANENT EASEMENTS ARE SHOWN ON CG001.



- SHEET LEGEND**
- SILT FENCE
 - LIMITS OF DISTURBANCE
 - TREE PROTECTION FENCING(TYP)
 - PROPERTY LINE
 - 25 FOOT STATE BUFFER

811

Know what's below.
 Call before you dig.
 Dial 811
 Or Call 800-282-7411

DESIGN PROFESSIONAL:
 DAVID MORGAN, P.E.
 LICENSE NO. 0000011643
 EXPIRES: 06/03/2024

24-HOUR EROSION AND SEDIMENTATION CONTROL CONTACT:
 PHIL MALLON
 PHONE (770) 313-9855

A1 EROSION AND SEDIMENTATION CONTROL PLAN - INITIAL PHASE
 SCALE: 1" = 10'

100 DESIGN ISSUED FOR CONSTRUCTION



CLIENT INFORMATION
FAYETTE COUNTY
140 NORTH BEND COURT
FAYETTEVILLE, GA 30214

PROJECT NAME
**NORTH BEND COURT
CULVERT
REPLACEMENT**
FAYETTE COUNTY, GA

DRAWING ISSUE
DATE
DESCRIPTION

DESIGNED BY: MOW
DRAWN BY: DIMMON
CHECKED BY: DIMMON
DATE PLOTTED: February 14, 2025
PROJECT #: 171696

SHEET TITLE
**EROSION AND
SEDIMENTATION
CONTROL PLAN
- FINAL PHASE**

SHEET NUMBER
CE201
SHEET 13 OF 18
ORIGINAL SHEET SIZE
24" X 36"

SUMMARY OF AREAS

TOTAL SITE AREA: 0.15 ACRES
ON-SITE DISTURBED AREA: 0.15 ACRES
AREA TO SILT FENCE: 0.27 ACRES
AREA TO TREE PROTECTION FENCE: 0.27 ACRES
STORAGE IS NOT OBTAINABLE. SEDIMENT REMOVAL IS PROVIDED BY SILT FENCING.
1) 200 LF SILT FENCE REQUIRED
2) 500 LF SILT FENCE PROVIDED

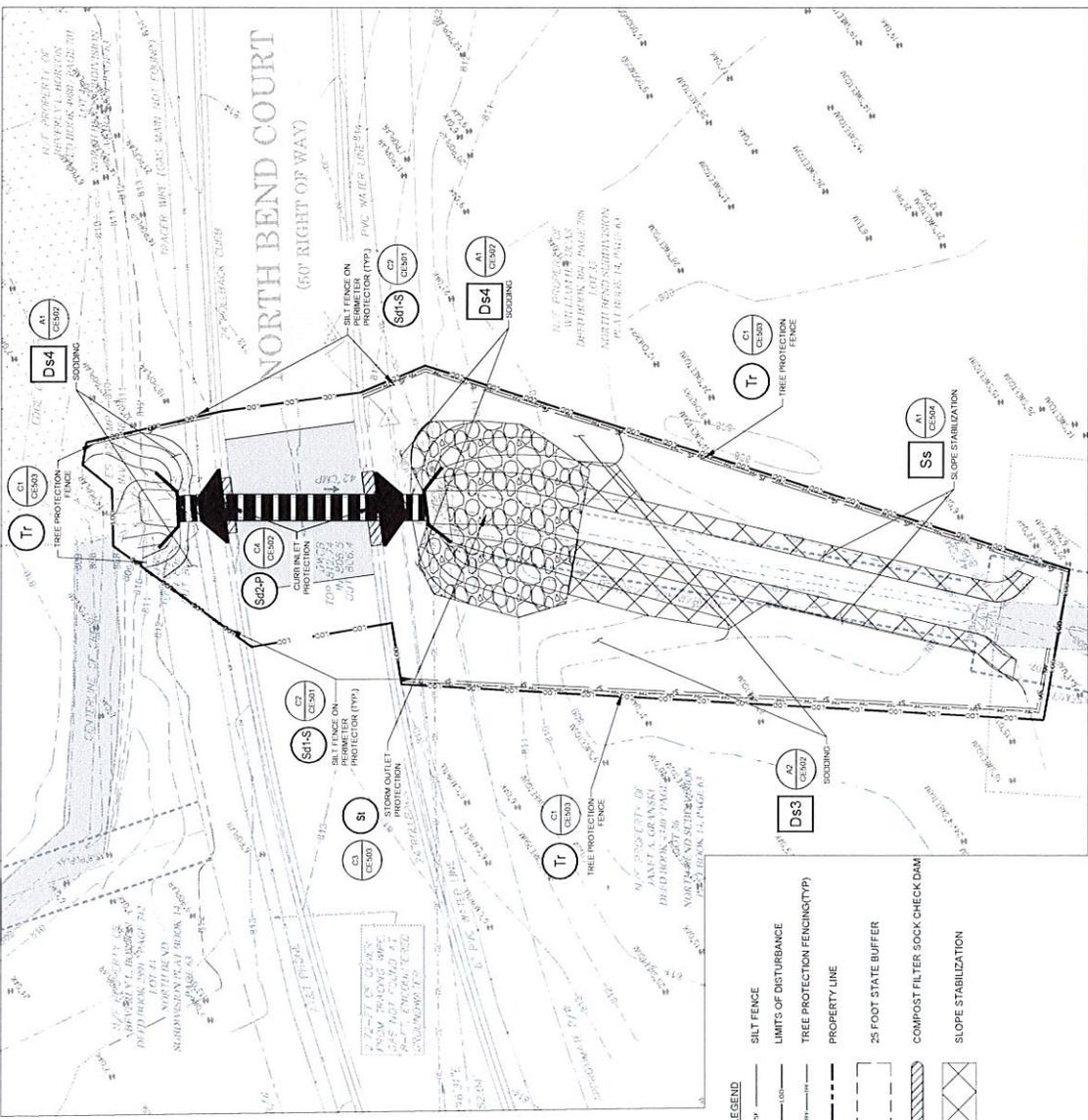
- GENERAL SHEET NOTES
1. REFER TO SHEET M01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
 2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
 3. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE IMPLEMENTATION OF THE APPROVED SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
 4. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 5. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
 6. ANY DISTURBED AREA MORE THAN 30 DAYS SHALL BE STABILIZED WITH PERMANENT SEEDING.
 7. CONSTRUCTION ENTRANCE TO BE DETERMINED BY COUNTY AND CONTRACTOR PRIOR TO CONSTRUCTION.
 8. CONTRACTOR TO INSTALL SOD INSIDE COUNTY RIGHT OF WAY WITHIN LIMITS OF DISTURBANCE. INSTALL PERMANENT SEEDING WITHIN COUNTY RIGHT OF WAY EXCEPT WHERE THERE IS EXISTING SOD. REPLACE ANY SOD IN KIND WITH SOD.

NOTE
TEMPORARY AND PERMANENT EASEMENTS ARE SHOWN ON C0301.

DESIGN PROFESSIONAL
DAVID MORGAN, P.E.
LEVEL II CERTIFICATION
No. 000001643
EXPIRES: 06/03/2024

24-HOUR EROSION AND
SEDIMENTATION
CONTROL CONTACT:
PHIL MALLON
PHONE (770) 313-9855

811
Know what's below.
Call before you dig.
Dial 811
Or Call 800-282-7411



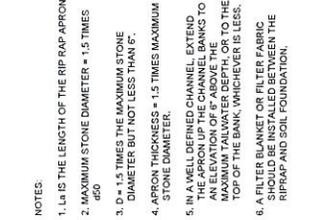
SHEET LEGEND

	SILT FENCE
	LIMITS OF DISTURBANCE
	TREE PROTECTION FENCING(TYP)
	PROPERTY LINE
	25 FOOT STATE BUFFER
	COMPOST FILTER SOCK CHECK DAM
	SLOPE STABILIZATION

(A1) EROSION AND SEDIMENTATION CONTROL PLAN - FINAL PHASE
SCALE: 1" = 10'

100 DESIGN ISSUED FOR CONSTRUCTION

1 2 3 4 5



NOTES:

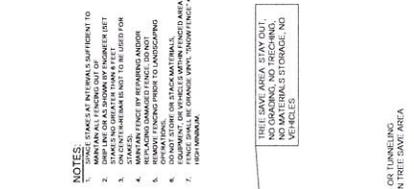
- L1 IS THE LENGTH OF THE RIP RAP APRON
- MAXIMUM STONE DIAMETER = 1.5 TIMES #60
- D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6"
- APRON THICKNESS = 1.5 TIMES MAXIMUM STONE DIAMETER.
- IN A WELL-DEFINED CHANNEL, EXTEND THE RIPRAP APRON TO THE BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH, OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
- A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

Riprap Apron Summary

Station	Pipe Diameter (in)	Flow Rate (cfs)	Velocity (ft/s)	Channel Slope (%)	Riprap Size (in)	Apron Length (ft)	Apron Width at HW (ft)	Apron Width at End (ft)	Apron Weight (Tons)
1	54	102.2	8.1	1.5	1.5	2.25	20	24.5	32.9
2	54	102.2	8.1	1.5	1.5	2.25	20	24.5	32.9

STORM OUTLET PROTECTION

NO SCALE

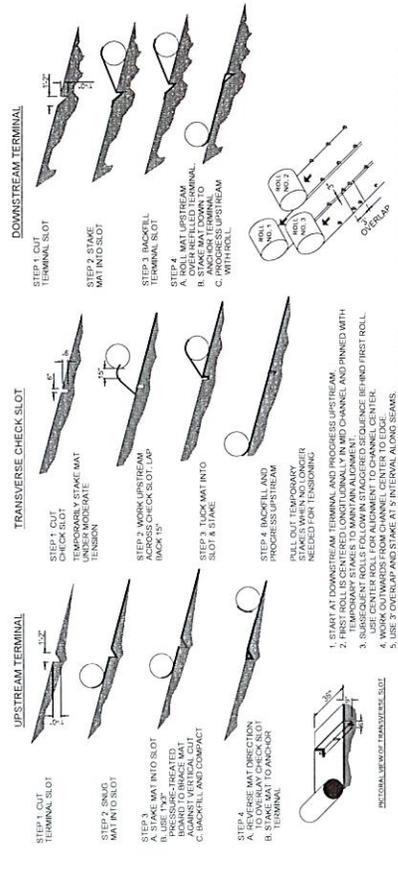


NOTES:

- STAKE MATS AT INTERVALS SUFFICIENT TO MAINTAIN ALL TRUNKS OUT OF CONTACT WITH TRUCKS OR OTHER EQUIPMENT.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.
- STAKE MATS SHOULD BE PLACED AT 10' INTERVALS.

TREE PROTECTION FENCE

NO SCALE



TYPICAL INSTALLATION GUIDELINES FOR SLOPE STABILIZATION WITH MATTING AND BALKNETS

NO SCALE

DESIGN PROFESSIONAL:
 DAVID MORGAN, P.E.
 LEVEL II CERTIFICATION
 No. 0000011643
 EXPIRES: 06/03/2024



Know what's below.
 Dig safely. You dig!
 Call 811
 Or call 800.282.4111

100% DESIGN ISSUED FOR CONSTRUCTION

