



**DeKalb County
Department of Purchasing and Contracting**

Maloof Administration Building, 1300 Commerce Drive, 2nd Floor, Decatur, Georgia 30030

May 2, 2022

INVITATION TO BID (ITB) NO. ITB 22-101498

FOR

MCAFEE ROAD SIDEWALK FROM CANDLER ROAD TO EAST LAKESIDE DRIVE

DEKALB COUNTY, GEORGIA

Procurement Agent: Brenda H. Redus
Phone: 404-371-4943
Email: bredus@dekalbcountyga.gov

Mandatory DeKalb First LSBE Meeting: May 4, 2022 or May 11, 2022
(Bidders must attend 1 meeting on either (Meetings are held at 10:00 a.m. and 2:00 p.m.)
of the dates listed.) ZOOM Conference: Utilize the link supplied on our webpage
<https://www.dekalbcountyga.gov/purchasing-contracting/dekalb-first-lsbe-program>

Pre-Bid Conference: May 12, 2022, 10:00 AM Zoom–
<https://dekalbcountyga.zoom.us/j/9333908091>

Deadline for Submission of Questions: 5:00 P.M. ET, May 13, 2022
Bid Opening: 3:00 P.M. ET, June 1, 2022
Price Schedule Opening: 3 – 5 Business days after Bid Opening

THE RESPONSIBILITY FOR SUBMITTING A RESPONSE TO THIS BID TO THE DEPARTMENT OF PURCHASING AND CONTRACTING OF DEKALB COUNTY GOVERNMENT ON OR BEFORE THE STATED DATE AND TIME WILL BE SOLELY AND STRICTLY THE RESPONSIBILITY OF THE BIDDER.

DEKALB COUNTY
ITB No. 22-101498
TABLE OF CONTENTS

<u>Title</u>	<u>Page Number</u>
Acknowledgment of Bidder	3
Advertisement for Bids	4
Instructions to Bidders	6
Bidder's Unit Price Form	13 – 17
Bid Bond	18 – 19
Prime Contractor's Reference and Release Form	20
LSBE Sub-Contractor's Reference and Release Form	21
DeKalb First (LSBE) Ordinance Information Sheet (Exhibits A & B)	22 - 30
Certificate of Corporate Bidder	31
Certificate of Authority – Joint Venture Bidder	32
Bidder's Affidavit of Compliance with O.C.G.A. §13-10-91	33
Public Works Construction Affidavit and Oath of Successful Bidder	34
First Source Job Ordinance Information with Exhibits 1 – 4	35 - 38
Required Documents Checklist	39
Standard Form Contract for Construction	Exhibit 1 (p. 40)
Technical Specifications & Drawings	Exhibit 2 (p. 96)

ACKNOWLEDGEMENT OF BIDDER

I _____ have had the opportunity to review and have reviewed this Bid Document Package dated May 2, 2022 in its entirety and I agree that it is accurate and complete. I _____ am duly and properly in office and I am fully authorized and empowered to execute this Acknowledgement for and on behalf of the Contractor.

By: _____(SEAL)
Signature

Name (Typed or Printed)

Title

Name of Business

Federal Tax I.D. Number

ATTEST:

Signature

Name (Typed or Printed)

Title

ADVERTISEMENT FOR BIDS
DEKALB COUNTY, GEORGIA

INVITATION NUMBER 22-101498

Sealed Bids will be received by DeKalb County, Georgia, in the Department of Purchasing and Contracting, The Maloof Center, 2nd Floor, 1300 Commerce Drive, Decatur, Georgia 30030, until 3:00 p.m. on the 1st day of June, 2022, at which time and place they will be publicly opened and read aloud, for furnishing all labor, materials, equipment, and all things necessary pursuant to Drawings, Specifications, conditions, etc., for MCAFEE ROAD SIDEWALK FROM CANDLER ROAD TO EAST LAKESIDE DRIVE (“the Project”). Bid Form shall be opened and read aloud 3 to 5 business days after Bid Opening.

McAfee Road Sidewalk from Candler Road to East Lakeside Drive:

This project is for the construction of curb and sidewalk along the south side of McAfee Road from Candler Road to Barker Bryant Park. A new crosswalk to the park with rectangular rapid flashing beacons is included.

Contractor shall fully complete the Work within 180 calendar days from and including the acknowledgement date.

SUBMIT ONE ORIGINAL BID PACKAGE (INCLUSIVE OF THE ENTIRE ITB DOCUMENT WITH ALL REQUIRED DOCUMENTS EXCEPT THE BID FORM) STAMPED “ORIGINAL” AND ONE COPY ON USB FLASH DRIVE TO THE ADDRESS LISTED ABOVE. BID FORM MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE OR BIDDER WILL BE DEEMED NON-RESPONSIVE AND WILL NOT BE CONSIDERED FOR AWARD*DO NOT INCLUDE PRICING ON THE USB FLASH DRIVE.*****

Contract Documents, Drawings, and Specifications for this Work are on file and open for inspection at the Department of Purchasing and Contracting, The Maloof Center, 2nd Floor, 1300 Commerce Drive, Decatur, Georgia 30030. A complete set of documents may be obtained from the county’s website at the following link: http://www.dekalbcountyga.gov/purchasing/pc_formal_solicitation_current_bids.html. Bids will be considered only from experienced and well-equipped contractors.

PRE-BID CONFERENCE

A pre-bid conference will be held May 12, 2022, at 10:00 AM, via Zoom:

<https://dekalbcountyga.zoom.us/j/9333908091>

Bidders are strongly encouraged to attend and participate in the pre-bid conference. For information regarding the pre-bid conference, please contact Brenda Redus, Senior Procurement Agent, at bredus@dekalbcountyga.gov

QUESTIONS

All questions concerning the Project and requests for interpretation of the Contract may be asked and answered at the pre-bid conference; however, oral answers are not authoritative. Questions **MUST** be submitted to the Department of Purchasing and Contracting in writing via email to bredus@dekalbcountyga.gov no later than 5:00 P.M. ET, May 13, 2022. Questions and requests for interpretation received by the Department of Purchasing and Contracting after this date will not receive a response or be the subject of addenda.

No Bid may be revoked or withdrawn until one hundred twenty (120) days after the time set for opening the Bids.

THE COUNTY RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS, TO WAIVE INFORMALITIES IN BIDDING, AND TO RE-ADVERTISE.

This 2nd day of May 2022.

DEKALB COUNTY, GEORGIA

By: *Brenda H. Redus*
Brenda H. Redus
Senior Procurement Agent
Department of Purchasing and Contracting

INSTRUCTIONS TO BIDDERS

GENERAL

Sealed Bids will be received by DeKalb County, Georgia, in the Department of Purchasing and Contracting, The Maloof Center, 2nd Floor, 1300 Commerce Drive, Decatur, Georgia 30030, until 3:00 p.m. on June 1, 2022 according to the Drawings and Specifications entitled “ITB No. 22-101498 MCAFEE ROAD SIDEWALK FROM CANDLER ROAD TO EAST LAKESIDE DRIVE” on file in the Department of Purchasing and Contracting, The Maloof Center, 2nd Floor, 1300 Commerce Drive, Decatur, Georgia 30030. Bid Forms shall be opened and read aloud 3 to 5 business days after Bid Opening Date. Sealed Bids shall be submitted on the form furnished by the County and shall be submitted in **duplicate**, designated as original or copy. **SUBMIT ONE ORIGINAL BID PACKAGE (INCLUSIVE OF ALL REQUIRED DOCUMENTS WITH THE EXCEPTION OF THE BID FORM) STAMPED “ORIGINAL” AND ONE COPY ON USB FLASH DRIVE TO THE ADDRESS LISTED ABOVE. BID FORM MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE OR BIDDER WILL BE DEEMED NON-RESPONSIVE AND WILL NOT BE CONSIDERED FOR AWARD***DO NOT INCLUDE PRICING ON THE USB FLASH DRIVE.***.**

Complete set of documents may be obtained from the county’s website at the following link: http://www.dekalbcountyga.gov/purchasing/pc_formal_solicitation_current_bids.html. Bids will be considered only from experienced and well-equipped contractors. Prior to beginning construction, the successful Bidder will file with the County a Performance Bond and a Payment Bond, each equal to 100% of the Contract Price, with the terms and surety to be approved by the County; and furnish satisfactory proof of carriage of the insurance required.

SUBMITTING BIDS

Bids are to be submitted on the proper unaltered forms and shall be addressed to the DeKalb County Department of Purchasing and Contracting, The Maloof Center, 2nd Floor, 1300 Commerce Drive, Decatur, Georgia 30030, sealed, dated, and enclosed in an envelope or package appropriately marked on the outside with the name of the Bidder, the date and hour of opening, and the Invitation to Bid No. 22-101498 McAfee Road Sidewalk from Candler Road to East Lakeside Drive.

FAILURE TO SUBMIT THE BID FORM IN A SEPARATE SEALED ENVELOPE SHALL DEEM THE BID NON-RESPONSIVE. INCLUDING THE PRICE SCHEDULE IN ANY AREA OUTSIDE OF ITS SEPARATE, SEALED ENVELOPE WILL RESULT IN BIDDER’S BID BEING DEEMED NON-RESPONSIVE.

BUSINESS LICENSE

Bidders shall submit a copy of its current, valid business license with its Bid. If the Bidder is a Georgia corporation, Bidder shall submit a valid county or city business license. If Bidder is a joint venture, Bidder shall submit valid business licenses for each member of the joint venture. If the Bidder is not a Georgia corporation, Bidder shall submit a certificate of authority to transact

business in the state of Georgia and a copy of its current, valid business license issued by its home jurisdiction. If Bidder holds a professional license, then Bidder shall submit a copy of the valid professional license. Failure to provide the business license, certificate of authority, or professional license required by this section, may result in the proposed Bid being deemed non-responsive.

QUESTIONS, ADDENDA AND INTERPRETATION

All questions concerning the Project and requests for interpretation of the Contract may be asked and answered at the pre-bid conference; however, oral answers are not authoritative. Questions must be submitted to the Director of the Department of Purchasing and Contracting, the Maloof Center, 2nd Floor, 1300 Commerce Drive, Decatur, Georgia 30030, in writing no later than 5:00 P.M. ET, May 13, 2022. Questions and requests for interpretation received by Director of the Department of Purchasing and Contracting after this date will not receive a response or be the subject of addenda. Other than questions asked and answered at the pre-bid conference, no answer to a question or interpretation of the meaning of the Contract will be made orally to any Bidder. For questions and requests for interpretation after the pre-bid conference, each response shall be given in written addendum, separately numbered and dated, and published on the County website in sufficient time for interested parties to review. **No responses to requests, answers to specification questions, or additional information shall be supplied after deadline for Submission of Questions**

ACKNOWLEDGMENT OF ADDENDA

Addenda may be issued in response to changes in the Invitation to Bid. Addenda must be acknowledged by signing and returning the Addendum Acknowledgement with the Bid. Failure to properly acknowledge any addendum may result in the proposed Bid being deemed non-responsive. All addenda issued for this Project may be found on DeKalb County's website, <https://www.dekalbcountyga.gov/purchasing-contracting/about-purchasing-and-contracting>.

AUTHORITY TO SIGN

If a Bid is submitted by an individual, his/her name and mailing address must be shown. If submitted by a corporation, partnership, or joint venture, the name and physical mailing address of each member of the corporation, partnership, or joint venture must be shown. If submitted by a corporation, the Certificate of Corporate Bidder in the form attached to the Bid Document Package must be executed and submitted with the Bid. If submitted by a joint venture, the Certificate of Authority – Joint Venture in the form attached to the Bid Document Package must be executed and submitted with the Bid. A post office box is not acceptable as a physical mailing address. The legal and proper name of the proprietorship, corporation, or partnership submitting the Bid shall be printed or typed in the space provided on the Certificate of Corporate Bidder.

BID GUARANTEE TO ACCOMPANY BID

Each Bid must be accompanied by a Bid Guarantee in an amount of not less than ten percent (10%) of the amount of the Bid. The Bid Guarantee may be in the form of an official bank check payable

to DeKalb County, or a Bid Bond in the form provided in the Bid Document Package. The Bid Bond shall be issued by a surety company licensed to write bonds in the State of Georgia, listed in the most current U.S. Treasury Circular No. 570, and have a current A.M. Best rating of "A" (Excellent) with a Financial Size Category of XII or better.

VALID INSURANCE, BONDS, LICENSES, PERMITS, AND CERTIFICATES

Bidder shall ensure that any bond, bid bond, payment bond, performance bond, insurance, license, permit or certificate submitted in response to this Invitation to Bid or as part of the Contract for this Project shall be current and valid when submitted, and shall remain valid, current and maintained in good standing for the Contract Term.

BUILDERS' RISK INSURANCE COVERAGE

DeKalb County shall procure and maintain Builders Risk Insurance on the entire work which provides "All-risk" 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, malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than caused by flood), and such other perils or causes of loss as may be specifically required by Supplementary Conditions) until Final Completion and Acceptance of the Project. Such policy of insurance shall contain at least the following sub-limits of insurance and deductibles:

Sub-limits:

Property in Transit	\$1,000,000
Property in Offsite Storage	\$1,000,000
Plans & Blueprints	\$25,000
Debris Removal	25% of Insured Physical Loss
Delay in Completion / Soft Cost	TBD
Ordinance of Law (Increased Cost of Construction)	\$1,000,000
Flood and Earthquake	TBD – Full Contract Value

Deductibles:

Flood and Earthquake	\$25,000
Water Damage other than Flood	\$100,000
All other Perils	\$10,000

RIGHTS RESERVED

The County reserves the right to reject any or all Bids, to waive informalities, and to re-advertise. The County reserves the right to decide which Bid will be deemed lowest, responsive and responsible. For consideration as a responsible Bidder, the proposed Bidder shall, among other qualifications, demonstrate in its Bid that it has been the general contractor engaged in construction and successful completion of facilities of similar character and magnitude for at least five (5) years, and shall demonstrate the financial ability to perform the required Work. Bidder may be required to submit evidence setting forth qualifications which entitle him to consideration as a responsible

Bidder. A list of work of similar character successfully completed within the last five (5) years may be required as set forth in the Invitation to Bid giving the location and size of each project. Bidder shall complete the Reference and Release Form attached to the Bidder Document Package. In addition, the Bidder shall submit upon request by the County, a list of equipment available for use on this Work with its Bid. Any additions, conditions, limitations, or provisions attached to the Bid shall render it informal and may be cause for rejection as non-responsive. No Bid may be revoked or withdrawn until one hundred twenty (120) days after the time set for opening the Bids.

AWARD OF CONTRACT

The Contract, if awarded, will be awarded to that responsible Bidder whose responsive Bid will be most advantageous to the County, price and other factors considered. The County is entitled to make the determination in its sole discretion. The Contract between the County and the Contractor shall be executed in the form attached to the Bid Document Package on pages 13 - 17 and shall form a binding contract between the contracting parties. A Performance Bond and a Payment Bond, each equal to 100% of the Contract Price, must be provided by the successful Bidder, issued in proper form by a surety company licensed to write bonds in the State of Georgia, listed in the most current U.S. Treasury Circular No. 570, and which has a current A.M. Best rating of "A" (Excellent) with a Financial Size Category of XII or better. Bonds given shall meet the requirements of the law of the State of Georgia including, but not limited to, O.C.G.A. §13-10-1 and §36-91-21 *et seq.*

FAILURE TO EXECUTE CONTRACT

The County shall have one hundred twenty (120) days after the time set for openings of Bids to notify a Bidder of the County's acceptance of the Bid and its intent to award the Contract to such Bidder. If the County so notifies a Bidder and the Bidder fails to enter into the Contract in the form attached to the Bid Document Package on pages 13 – 17 within ten (10) days of receiving such notice or fails within that time to provide the required Payment and Performance Bonds and proof of required insurance, the amount of the Bid Bond or other Bid Guarantee shall be paid over to the County as liquidated damages. The acceptance of the payment of the Bid Bond shall not operate to bar any claim the County might otherwise have against the Bidder, and the County shall be authorized to pursue any claim against the Bidder for failure to consummate the Contract as may be authorized by law.

TIME AND LIQUIDATED DAMAGES

Construction must begin within fourteen (14) days from the date the Contractor acknowledges receipt of the Notice to Proceed, by signing and inserting the acknowledgement date on the Notice to Proceed. Contractor shall fully complete the Work within 120 days from and including the acknowledgement date. For failure to complete the Work within this period, the Contractor shall pay the County liquidated damages in accordance with Georgia Department of Transportation (GDOT) Standard Specification, Section 108 for each day in excess of the Contract Time, unless an extension of the Contract Time has been obtained by Change Order, as defined in the Contract, prior to the expiration of the Contract Term as defined in the Contract.

WORK ALLOWANCE

Bidder shall add a \$20,000.00 Work Allowance (included herein **on Bidder's Price Form**) to Roadway Items Subtotal. Contractor shall not be entitled to use any funds from the Work Allowance without written approval by the County.

LOCATIONS AND SITE

The site of the proposed Work is at the stated location(s) within DeKalb County, Georgia. By submitting a Bid, the Bidder accepts the site in its present condition and agrees, if awarded the Contract, to carry out all Work in accordance with the requirements of the Contract, the Specifications and as shown on the Drawings. The Bidder shall, before submitting a Bid, visit the site and acquaint itself with the actual conditions and the location of any or all obstructions that may exist on the site. The documents comprising the Contract contain the provisions required for the completion of the Work to be performed pursuant to this Contract. Information obtained from an officer, agent, or employee of the County, or any other person shall not affect the risks or obligations assumed by the Contractor or relieve it from fulfilling any of the conditions of the Contract. Each Bidder, prior to submitting his Bid, is responsible for inspecting the site and for reading and being thoroughly familiar with all of the documents comprising the Contract and Bid Document Package. The failure or omission of any Bidder to so familiarize himself shall in no way relieve any Bidder from any obligation in respect to his Bid. The Contractor shall inspect all easements and rights-of-way to insure that the County has obtained all land and rights-of-way necessary for completion of the Work to be performed pursuant to the Contract. The Contractor shall comply with all stipulations contained in easements acquired by the County. If applicable to the Work, all easements and rights-of-way documents are available for inspection in the office of the DeKalb County Public Works Department-Transportation Division, 1950 West Exchange Place, 4th Floor, Tucker, GA 30084. The Contractor shall not be entitled to damages and agrees not to make any claim against the County, its officials or employees for the failure to obtain necessary interests in land for this Project. The Contractor shall accurately locate above-ground and below-ground utilities and structures which may be affected by the Work using whatever means may be appropriate.

DEKALB FIRST ORDINANCE

It is the objective of the Chief Executive Officer and Board of Commissioners of DeKalb County to provide maximum practicable opportunity for all businesses to participate in the performance of government contracts. The current DeKalb County List of Certified Vendors may be found on the County website at <https://www.dekalbcountyga.gov/purchasing-contracting/about-purchasing-and-contracting>.

It is required that all responding Bidders attend the mandatory LSBE meeting within two-weeks of the solicitation's advertisement, and comply, complete and submit all LSBE forms with the Bidder's response in order to remain responsive. Attendance can be in person, via video conference and teleconference. Video conferencing is available through Skype/Lync. Instructions for attendance via video conference can be found on the County's website at <https://www.dekalbcountyga.gov/purchasing-contracting/dekalb-first-lsbe-program>.

For further details regarding the DeKalb First Local Small Business Enterprise Ordinance, contact the LSBE Program representative at pcadmin-ops@dekalbcountyga.gov or (404) 371-7051.

FEDERAL WORK AUTHORIZATION PROGRAM PARTICIPATION

All qualifying Contractors and Subcontractors performing work with DeKalb County, Georgia must register and participate in the federal work authorization program to verify the work eligibility information of new employees. In order for a Bid to be considered, it is mandatory that the Bidder's Affidavit of Compliance with O.C.G.A. §13-10-91 included as page 33 be completed and submitted with the Bid.

GEORGIA OPEN RECORDS ACT

Contractors will be expected to comply with the applicable provisions of the Georgia Open Records Act, O.C.G.A. §50-18-70 *et seq.*

FIRST SOURCE JOBS ORDINANCE

The DeKalb County First Source Jobs Ordinance requires contractors or beneficiaries entering into any type of agreement with the County, including purchase orders, regardless of what they may be called, for the procurement or disposal of supplies, services, construction projects, professional or consultant services, which is funded in whole or part with County funds or County administered funds in which the contractor is to receive \$50,000 or more in County expenditures or committed expenditures and recipient of urban redevelopment action grants or community development block funds administered in the amount of \$50,000 or more make a good faith effort to hire DeKalb County residents for at least 50% of jobs using the First Source Registry (candidate database). The work to be performed under this contract is subject to the provisions of the DeKalb County First Source Jobs Ordinance. Please complete the First Source Jobs Ordinance Acknowledgement and New Employee Tracking Form included in Attachment J, First Source Jobs Ordinance (with Exhibits 1 – 4) and submit with the responder's proposal.

For more information on the First Source Jobs Ordinance requirement, please contact WorkSource DeKalb at www.worksourcedekalb.org or 404-687-3400.

ETHICS RULES

Bidders are subject to the Ethics provision within the DeKalb County Purchasing Policy; the Organizational Act, Section 22A, the Code of DeKalb County; and the rules of Executive Order 2014-4. Any violations will be addressed, pursuant to these policies and rules.

To the extent that the Organizational Act, Section 22A, the Code of DeKalb County, and the rules of Executive Order 2014-4 allow a gift, meal, travel expense, ticket, or anything else of value to be purchased for a CEO employee by a contractor doing business with the County, the contractor must provide written disclosure, quarterly, of the exact nature and value of the

purchase to the Chief Integrity Officer, if created, or the Finance Director or his/her designee. Every contractor conducting business with the County will receive a copy of these ethical rules at the time of execution of the contract.

Cooperative Procurement

The County through P&C may permit piggybacks to this contract from other city, county, local authority, agency, or board of education if the vendor will extend the same prices, terms, and conditions to the city. Piggybacking shall only be available where competition was used to secure the contract and only for a period of 12-months following entry, renewal or extension of the contract. This provision shall not apply to any contract where otherwise prohibited or mandated by state law.

STANDARD COUNTY CONTRACT

The attached sample contract is the County's standard contract document, which specifically outlines the contractual responsibilities. All bidders should thoroughly review the document prior to submitting a bid. Any proposed revisions to the terms or language of this document must be submitted in writing with the bidder's bid. Since proposed revisions may result in a bid being rejected if the revisions are unacceptable to the County, bidders should review any proposed revisions with an officer of the firm having authority to execute the contract. No alterations can be made in the contract after award by the Board of Commissioners.

ATTACHMENT A
BIDDER'S UNIT PRICE FORM
(pages 13 to 17)

**BID FORM MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE OR
BIDDER WILL BE DEEMED NON-RESPONSIVE AND WILL NOT BE CONSIDERED
FOR AWARD**

TO: The Governing Authority of DeKalb County, Georgia

The undersigned, as Bidder, declares that he has carefully examined **ITB No. 22-101498**
MCALEE ROAD SIDEWALK FROM CANDLER ROAD TO EAST LAKESIDE DRIVE,
an annexed proposed form of Contract, the Specifications therein contained, and the Drawings
therein referred to, and that he proposes and agrees that if his Bid is accepted, to provide the
necessary machinery, tools, apparatus, and other means of construction, and will furnish all
materials and labor specified in the Contract, or called for by the Drawings, or necessary to
complete the Work in the manner therein specified within the time specified, as therein set forth
for the unit prices on the form following this page. If the Bidder's Unit Price exceeds one page
in length it should be completed in an excel format, typewritten, printed out and attached hereto.
Handwritten Unit Prices exceeding one page in length may not be accepted and may result in the
proposed Bid being deemed non-responsive.

Invitation No. 22-101498

BIDDER'S UNIT PRICE FORM
MCAFEE ROAD SIDEWALK FROM CANDLER ROAD TO EAST LAKESIDE DRIVE

BID FORM MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE OR BIDDER WILL BE DEEMED NON-RESPONSIVE AND WILL NOT BE CONSIDERED FOR AWARD. INCLUDING THE PRICE SCHEDULE IN ANY AREA OUTSIDE OF THE SEPARATE SEALED ENVELOPE WILL RESULT IN THE BID BEING DEEMED NON-RESPONSIVE*DO NOT INCLUDE PRICE SCHEDULE ON THE USB FLASH DRIVE**

ITEM NO.	DESCRIPTION	UNITS	APPROX. QTY.	UNIT PRICE	EXTENDED PRICE
	ROADWAY ITEMS				
150-1000	TRAFFIC CONTROL	LS	1		
210-0100	GRADING COMPLETE	LS	1		
310-1101	GR AGGR BASE CRS, INCL MATL	TN	48		
402-3102	Recycled Asph Conc 9.5 Mm Superpave, Type Ii, Blend 1, Incl Bitum Matl 7 H Lime	TN	11		
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	676		
441-0104	CONC SIDEWALK, 4 IN	SY	1851		
441-0108	CONC SIDEWALK, 8 IN	SY	58		
441-4020	CONC VALLEY GUTTER, 6 IN	SY	288		
441-5002	CONC HEADER CURB, 6 IN, TP 2	LF	3406		
444-1000	Sawed Joints In Exist Pavements - Pcc	LF	756		
607-1000	MORTAR RUBBLE MASONRY	CY	23		
500-9999	Class B Conc, Base or Pvmnt Widening	CY	1		
515-2020	Galv Steel Pipe Handrail, 2 In, Round	LF	246		
611-3000	RECONSTR CATCH BASIN, GROUP 1	EA	2		
634-1200	RIGHT OF WAY MARKERS	EA	23		
	SIGNING AND MARKING				
610-9001	REM SIGN	EA	8		
611-5551	RESET SIGN	EA	8		
636-1033	Hwy Signs, Tp1 Matl, Refl Sheeting, Tp 9	SF	10		
636-1036	Hwy Signs, Tp 1 Matl, Refl Shting, Tp 11	SF	56		
636-2090	GALV STEEL POSTS, TP 9	LF	133		
653-1501	Thermoplastic Solid Traf Stripe,5 In, Wht	LF	3310		
653-1704	Thermoplastic Solid Traf Strp,24 In, Wht	LF	24		
653-1804	Thermoplastic Solid Traf Stripe,8 In, Wht	LF	496		
999-3800	Rectangular Rapid Beacon Assembly	EA	2		
999-3900	Testing -Rect. Rapid Beacon Assembly	LS	1		
999-3975	Training -Rect. Rapid Beacon Assembly	LS	1		
	EROSION CONTROL				
163-0232	TEMPORARY GRASSING	AC	0.16		
163-0240	MULCH	TN	26		

163-0301	Construct And Remove Construction Exits	EA	1		
165-0010	Maintenance of Temp. Silt Fence, Type A	LF	1994		
165-0101	Maintenance Of Construction Exit	EA	1		
167-1000	Water Quality Monitoring and Sampling	EA	2		
167-1500	WATER QUALITY INSPECTIONS	MO	12		
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	3988		
643-8200	BARRIER FENCE (ORANGE), 4 FT	LF	608		
700-6910	PERMANENT GRASSING	AC	0.32		
700-7000	AGRICULTURAL LIME	TN	0.64		
700-8000	FERTILIZER MIXED GRADE	TN	0.06		
700-8100	FERTILIZER NITROGEN CONTENT	LB	16		
700-9300	SOD	SY	1170		
716-2000	EROSION CONTROL MATS, SLOPES	SY	242		
	WORK ALLOWANCE	EA	1	\$20,000.00	\$ 20,000.00
	CONSTRUCTION TOTAL				\$

TOTAL BID:

_____ \$ _____
(State in words on the line above) (In figures)

These quantities are approximate and may be increased or decreased as to any and all units as necessary to complete the construction of said Project without entitling the Contractor to any claim for extra compensation because of any injury, damage or delay he may sustain on account of such increase or decrease. The Contractor shall be entitled to compensation on the foregoing unit prices only on the quantities of materials actually furnished and work actually done as determined and approved in writing by the County through an inspection of the work completed. In no event shall the County be liable for payment in excess of the total Bid amount of \$_____ (Insert same "TOTAL BID" figure as listed on the foregoing page) without proper prior written authorization via Change Order from the County. The Total Bid includes and encompasses the cost of all labor, materials, equipment, tools, supervision, scheduling, safety program, coordination, engineering, testing, surveys, layout, cleanup, and other things and services required to complete the entire Project in strict conformity with the Drawings, Specifications, the Contract, and all addenda and authorized written clarifications issued prior to the Bid date. Without limitation, the Total Bid also includes all applicable sales and use taxes, fees, temporary lighting, security for the site, heating and cooling, temporary utilities, freight costs, handling costs, permit costs, field and main office costs, bond premiums, insurance premiums, direct and indirect administrative costs, overhead, and profit.

Bidder has examined the site of the proposed Work and all documents comprising the Contract, and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the Contract.

No Bid may be revoked or withdrawn until one hundred twenty (120) days after the time set for opening the Bids.

Attached hereto is Bid Bond made by _____, a surety company listed in the most recent US Treasury Circular No. 570 and licensed to write surety bonds in the State of Georgia, payable to DeKalb County, Georgia (or an official bank check), in the amount of ten percent (10%) of the above Bid, to-wit: \$_____.

If this Bid shall be accepted by DeKalb County and the undersigned shall fail to execute a satisfactory contract in the form of said proposed Contract, give satisfactory Performance and Payment Bonds, or furnish satisfactory proof of the insurance required, as stated in the Instructions to Bidders within ten (10) days from the Notice of Award of the Contract, then the County may at its option, determine that the undersigned abandoned the Contract and thereupon this Bid shall be null and void, and the sum stipulated in the attached Bid Bond (or an official bank check) shall be forfeited to the County as liquidated damages.

Bidder declares his intent to subcontract the portion of the Work as below stated. Bidder understands and agrees that the use of any Subcontractor not listed below shall be strictly prohibited without prior written approval from the County. *(List names of all subcontractors and the work to be provided by the subcontractor on the lines provided below.)*

Bidder further declares that the full names and residence addresses of all persons and parties interested in the foregoing Bid as principals are as follows:

Bidder declares further that it is ☐ / is not ☐ a DeKalb County Firm.

Signed, sealed, and dated this _____ day of _____, 20____.

By: _____ (SEAL)
Signature

Print Name of Signer

Title of Signer

Name of Business Entity Submitting Bid

Bidder's Street Address

Bidder's City, State and Zip Code

Bidder's Phone Number

Bidder's Fax Number

Bidder's E-Mail Address

ATTACHMENT B
BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, _____

(hereinafter called the Principal) and _____

_____ (hereinafter called the Surety), a corporation chartered and existing under the laws of the State of _____ with its principal offices in the City of _____ and listed in the Federal Register and licensed to write surety bonds in the State of Georgia, are held and firmly bound unto DeKalb County, Georgia, in the full and just sum of 10% of the Principal's Bid, good and lawful money of the United States of America, to be paid upon demand of DeKalb County, Georgia, to which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to DeKalb County, Georgia, a Bid for ITB No. 22-101498 McAfee Road Sidewalk from Candler Road to East Lakeside Drive.

WHEREAS, the Principal desires to file this Bond in accordance with law to accompany this Bid.

NOW, THEREFORE, the conditions of this obligation are such that if the Bid be accepted within sixty (60) days of the Bid opening, the Principal shall execute a Contract in accordance with the Bid and upon the terms, conditions, and prices set forth therein, and in the form and manner required by DeKalb County, Georgia, and within ten (10) days from the date of Notice of Award of the Contract, execute a sufficient and satisfactory Performance Bond and Payment Bond payable to DeKalb County, Georgia, each in an amount of one hundred percent (100%) of the total Contract Price, in form and with security satisfactory to DeKalb County and furnish satisfactory proof of the insurance required, then this obligation to be void; otherwise, to be and remain in full force and virtue in law; and the Surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid DeKalb County, Georgia, upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this _____ day of _____, 20____.

PRINCIPAL

By: _____(SEAL)

Signature of Principal

Print Name and Title of Authorized Signer

Print Name of Principal Business

ATTEST:

Corporate Secretary

SURETY

By: _____(SEAL)
Signature of Surety (by Power of Attorney)

Print Name and Title of Authorized Signer

Print Name of Surety Business

WITNESS:

ATTACHMENT C
CONTRACTOR REFERENCE AND RELEASE FORM

List below at least three (3) references, including company name, contact name, address, email address, telephone numbers and contract period who can verify your experience and ability to perform the type of service listed in the solicitation.

Company Name	Contract Period		
Contact Person Name and Title	Telephone Number (include area code)		
Complete Primary Address	City	State	Zip Code
Email Address	Fax Number (include area code)		
Project Name			

Company Name	Contract Period		
Contact Person Name and Title	Telephone Number (include area code)		
Complete Primary Address	City	State	Zip Code
Email Address	Fax Number (include area code)		
Project Name			

Company Name	Contract Period		
Contact Person Name and Title	Telephone Number (include area code)		
Complete Primary Address	City	State	Zip Code
Email Address	Fax Number (include area code)		
Project Name			

REFERENCE CHECK RELEASE STATEMENT

You are authorized to contact the references provided above for purposes of this RFP.

Signed _____ Title _____
 (Authorized Signature of Proposer)

Company Name _____ Date _____

ATTACHMENT D
LSBE SUBCONTRACTOR REFERENCE AND RELEASE FORM

List below at least three (3) references, including company name, contact name, address, email address, telephone numbers and contract period who can verify your experience and ability to perform the type of service listed in the solicitation.

Company Name	Contract Period		
Contact Person Name and Title	Telephone Number (include area code)		
Complete Primary Address	City	State	Zip Code
Email Address	Fax Number (include area code)		
Project Name			

Company Name	Contract Period		
Contact Person Name and Title	Telephone Number (include area code)		
Complete Primary Address	City	State	Zip Code
Email Address	Fax Number (include area code)		
Project Name			

Company Name	Contract Period		
Contact Person Name and Title	Telephone Number (include area code)		
Complete Primary Address	City	State	Zip Code
Email Address	Fax Number (include area code)		
Project Name			

REFERENCE CHECK RELEASE STATEMENT

You are authorized to contact the references provided above for purposes of this RFP.

Signed _____ Title _____
 (Authorized Signature of Proposer)

Company Name _____ Date _____

**ATTACHMENT E
DEKALB FIRST LSBE INFORMATION
WITH EXHIBITS A – B**

**SCHEDULE OF LOCAL SMALL BUSINESS ENTERPRISE PARTICIPATION
OPPORTUNITY TRACKING FORM**

The Chief Executive Officer and the Board of Commissioners of DeKalb County believe that it is important to encourage the participation of small and local businesses in the continuing business of County government; and that the participation of these types of businesses in procurement will strengthen the overall economic fabric of DeKalb County, contribute to the County's economy and tax base, and provide employment to local residents. Therefore, the Chief Executive Officer and the Board of Commissioners have made the success of local small businesses a permanent goal of DeKalb County by implementing the DeKalb First Local Small Business Enterprise Ordinance.

**PROVISIONS OF DEKALB FIRST LOCAL SMALL BUSINESS ENTERPRISE (LSBE)
ORDINANCE**

Percentage of LSBE Participation Required
20% of Total Award

Certification Designation	Request For Proposals (RFP)
LSBE Within DeKalb (LSBE-DeKalb)	Ten (10) Preference Points
LSBE Outside DeKalb (LSBE-MSA)	Five (5) Preference Points
Demonstrated GFE	Two (2) Preference Points

Certified Local Small Business Enterprises (LSBEs) located within DeKalb County and prime contractors utilizing LSBEs that are locally-based inside DeKalb County shall receive ten (10) points in the initial evaluation of their response to any Request for Proposal. Certified LSBEs located outside of DeKalb County but within the nine (9) County Metropolitan Statistical Area (MSA) consisting of Cherokee, Clayton, Cobb, Douglas, Fayette, Fulton, Gwinnett, Henry and Rockdale Counties shall receive five (5) points in the initial evaluation of their response to any Request for Proposal. Prime Contractors who demonstrate sufficient good faith efforts in accordance with the requirements of the ordinance shall be granted two (2) points in their initial evaluation of responses to any Request for Proposal. Pro-rated points shall be granted where a mixture of LSBE-DeKalb and LSBE MSA firms are utilized. Utilization of each firm shall be based upon the terms of the qualified sealed solicitation.

Prime Contractor(s) deemed responsible and remains responsive to an Invitation to Bid (ITB) because they are either a certified LSBE-DeKalb or LSBE-MSA firm or has obtained 20% participation of an LSBE-DeKalb or LSBE-MSA firm, submits the lowest bid price shall be deemed the lowest, responsive and responsible bidder.

Prime Contractor(s) deemed responsible and remains responsive to an Invitation to Bid (ITB) and documented good faith efforts, submits a lower bid price than a Prime Contractor that achieved 20% LSBE participation, or otherwise required benchmark, then the Prime Contractor who actually met the

benchmark will be given the opportunity to match the lowest bid price of the Prime Contractor who only made good faith efforts. Prime Contractor(s) who choose **not** to match the lowest bid price, then the Prime Contractor who made the good faith efforts will be deemed the lowest, responsive and responsible bidder.

For all qualified sealed solicitations, the Director of Purchasing and Contracting, DeKalb County Government, shall determine if the bidder/proposer has included written documentation showing that at least twenty percent (20%) of the total contract award will be performed by a certified LSBE. This written documentation shall be in the form of a notarized Schedule of LSBE Participation (Attached hereto as “Exhibit A”.) For all contracts, a signed letter of intent from all certified LSBEs describing the work, material, equipment and/or services to be performed or provided by the LSBE(s) and the agreed upon percentage shall be due with the bid or proposal documents and included with “Exhibit A”. The certified vendor list establishes the group of Certified LSBE’s from which the bidder/proposer must solicit subcontractors for LSBE participation. This list can be found on our website <http://www.dekalbcountyga.gov/purchasing-contracting/about-purchasing-and-contracting> or obtained from the Special Projects LSBE Program team.

Prime Contractors failing to meet the LSBE benchmark must document and demonstrate Good Faith Efforts in accordance with the attached “Checklist for Good Faith Efforts” portion of “Exhibit A.” The notarized Schedule of LSBE Participation shall be due and submitted with each bid or proposal. Failure to achieve the LSBE benchmark or demonstrate good faith efforts shall result in a bid or proposal being rejected. Prime Contractors that fail to attend the mandatory LSBE meeting in person or via video conference shall mean that the Prime Contractor has not demonstrated sufficient good faith efforts and its bid or proposal if submitted, shall be deemed non-responsive without any further review.

Upon award, Prime Contractors are required to submit a report detailing LSBE Sub-Contractor usage with each request for payment and not less than on a monthly basis. Prime Contractors shall ensure that all LSBE sub-contractors have been paid within seven (7) days of the Prime’s receipt of payment from the County. Failure to provide requested reports/documentation shall constitute a material breach of contract, entitling the County to terminate the Contract for default or pursue other remedies. LSBE sub-contractors must confirm payments received from the Prime(s) for each County contract they participate in.

For eligible bids/proposals valued over \$5,000,000.00, the Mentor-Protégé provision of the Ordinance shall apply. Prime Contractors must agree to become mentors and take on an LSBE protégé in an effort to enhance the potential of future LSBEs. Qualifying projects shall be performed by both Mentor and Protégé through a subcontract between both parties. This requirement is in addition to all other applicable sections of the DeKalb First Ordinance. Please review the ordinance, section 2-214 or contact the LSBE Program Representative for detailed information regarding this initiative.

EXHIBIT A

**SCHEDULE OF DEKALB FIRST LOCAL SMALL BUSINESS ENTERPRISE
PARTICIPATION**

OPPORTUNITY TRACKING FORM

As specified, Bidders and Proposers are to present the details of LSBE participation below:

PRIME

BIDDER/PROPOSER _____

SOLICITATION NUMBER: **ITB No. 22-101498**

TITLE OF UNIT OF WORK – **McAfee Road Sidewalk from Candler Road to East Lakeside Drive**

1. My firm, as the prime bidder/proposer on this unit of work, is a certified (check all that apply):
____LSBE-DeKalb ____LSBE-MSA
2. If you are a Certified LSBE-DeKalb or MSA, please indicate below the percentage of that your firm will carry out directly: _____.
3. If the prime bidder/proposer is a joint venture, please describe below the nature of the joint venture and level of work and percentage of participation to be provided by the LSBE-DeKalb or MSA joint venture firm.

4. List the LSBE-DeKalb or MSA subcontractors and/or firms (including suppliers) to be utilized in of this contract, if awarded. No changes can be made in the subcontractors listed below without the prior written approval of the County. Please attach a signed letter of intent from all certified LSBEs describing the work, materials, equipment or services to be performed and/or provided and the agreed upon percentage of work to be performed. A Letter of Intent form is attached hereto as “Exhibit B”.

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Name of Company	
Address	
Telephone	
Fax	
Contact Person	
Indicate certification status and attach proof of certification: LSBE-DeKalb/LSBE-MSA	
Description of services to be performed	
Percentage of work to be performed	

Please attach additional pages, if necessary.

EXHIBIT A, CONT'D

DEKALB COUNTY
CHECKLIST FOR GOOD FAITH EFFORTS

A bidder/proposer that does not meet the County's LSBE participation benchmark is required to submit documentation to support all "Yes" responses as proof of "good faith efforts." Please indicate whether or not any of these actions were taken:

	Yes	No	Description of Actions
1.			Prime Contractors shall attend a MANDATORY LSBE Meeting in person or via video conference within two-weeks of advertisement of the solicitation.
2.			Provide a contact log showing the company's name, contact person, address, email and contact number (phone or fax) used to contact the proposed certified subcontractors, nature of work requested for quote, date of contact, the name and title of the person making the effort, response date and the percentage of work.
3.			Provide interested LSBEs via email, of any new relevant information, if any, at least 5 business days prior to submission of the bid or proposal.
4.			Efforts made to divide the work for LSBE subcontracting areas likely to be successful and to identify portions of work available to LSBEs consistent with their availability. Include a list of divisions of work not subcontracted and the corresponding reasons for not including them. The ability or desire of a bidder/proposer to perform the contract work with its own organization does not relieve it of the responsibility to make good faith efforts on all scopes of work subject to subcontracting.
5.			Efforts were made to assist potential LSBE subcontractors meet bonding, insurance, or other governmental contracting requirements. Where feasible, facilitating the leasing of supplies or equipment when they are of such a specialized nature that the LSBE could not readily and economically obtain them in the marketplace.
6.			Communication via email or phone with DeKalb First Program Staff seeking assistance in identifying available LSBEs. Provide DeKalb First Program Staff representative name and title, and date of contact.
7.			For all contracts, a signed letter of intent from all certified LSBEs describing the work, materials, equipment or services to be performed or provided by the LSBE(s) and the agreed upon LSBE participation percentage shall be due with the bid or proposal documents.
8.			Other Actions, to include Mentor/Protégé commitment for solicitations \$5M and above (specify):

Please explain all "no" answers above (by number):

This list is a guideline and by no means exhaustive. The County will review these efforts, along with attached supporting documents, to assess the bidder/proposer's efforts to meet the County's LSBE Participation benchmark. If you require assistance in identifying certified, bona fide LSBEs, please contact the Purchasing and Contracting Department - DeKalb First Program, DeKalbFirstLSBE@dekalbcountyga.gov.

EXHIBIT A, CONT'D

DEKALB FIRST LOCAL SMALL BUSINESS ENTERPRISE SCHEDULE OF PARTICIPATION OPPORTUNITY TRACKING FORM

Bidder/Proposer Statement of Compliance

Bidder(s)/Proposer(s) hereby state that they have read and understand the requirements and conditions as set forth in the objectives and that reasonable effort were made to support the County in providing the maximum practicable opportunity for the utilization of LSBEs consistent with the efficient and economical performance of this contract. The Bidder and any subcontractors shall file compliance reports at reasonable times and intervals with the County in the form and to the extent prescribed by the Director of DeKalb County Purchasing and Purchasing and Contracting Department. Compliance reports filed at such times as directed shall contain information as to the employment practices, policies, programs and statistics of Contractors and their subcontractors.

1. Non-Discrimination Policy

- a. During the performance of this agreement, Contractor agrees to conform to the following Non-Discrimination Policy adopted by the County.
- b. Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or disability. The Contractor will take action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or disability. Such action shall include, but not be limited to, the following:
 - (1) Employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Contractor agrees to post in conspicuous places available to employees and applicants for employment, notices to be provided setting forth provisions of this non-discrimination clause.
 - (2) Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or disability.
- c. Without limiting the foregoing, Contractor shall not discriminate on the basis of disability in the admission or access to, or treatment or employment in, the programs and activities, which form the subject of the contract. The Contractor will take action to ensure that applicants for participation in such programs and activities are considered without regard to disability. Such action shall include, but not be limited to, the following:
 - (1) Contractor agrees to post in conspicuous places available to participants in its programs and activities notices to be provided setting forth the provisions of this non-discrimination clause.

- (2) Contractor shall, in all solicitations or advertisements for programs or activities, which are the subject of the contract, state that all qualified applicants will receive consideration for participation without regard to disability.

2. **Commitment**

The undersigned certifies that he/she has read, understands, and agrees to be bound by the bid specifications, including the accompanying Exhibits and other terms and conditions of the Invitation to Bid and/or Request for Proposal regarding LSBE utilization. The undersigned further certifies that he/she is legally authorized by the bidder or responder to make the statements and representations in Exhibit A and that said statements and representations are true and correct to the best of his/her knowledge and belief. The undersigned will enter into formal agreement(s) with the LSBE(s) listed in this Exhibit A, which are deemed by the owner to be legitimate and responsible LSBEs. Said agreement(s) shall be for the work and contract with the Prime Contractor. The undersigned understands and agrees that if any of the statements and representations are made by the Bidder knowing them to be false, or if there is a failure of the successful Bidder (i.e., Contractor) to implement any of the stated agreements, intentions, objectives, goals and commitments set forth herein without prior approval of the County, then in any such events the contractor's act or failure to act, as the case may be, shall constitute a material breach of contract, entitling the County to terminate the Contract for default. The right to so terminate shall be in addition to, and not in lieu of, any other rights and remedies the County may have for other defaults under the Contract. Additionally, the Contractor will be subject to the loss of any future contract awards by the County for a period of one year.

Firm Name (Please Print):

Firm's Officer:

(Authorized Signature and Title Required)

Date

Sworn to and Subscribed to before me this ____ day of _____, 20__.

Notary Public

My Commission Expires: _____

EXHIBIT B

**LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR
PROVIDING MATERIALS OR SERVICES**

Instructions:

1. Complete the form in its entirety and submit with bid documents.
2. Attach a copy of the LSBE's current valid Certification Letter.

To: _____

(Name of Prime Contractor Firm)

From: _____
(Name of Subcontractor Firm)

☐ **LSBE –DeKalb** ☐ **LSBE –MSA**
(Check all that apply)

ITB Number: **ITB No. 22-101498**

Project Name: **McAfee Road Sidewalk from Candler Road to East Lakeside Drive**

The undersigned subcontractor is prepared to perform the following described work or provide materials or services in connection with the above project (specify in detail particular work items, materials, or services to be performed or provided).

Description of Materials or Services	Project/Task Assignment	% of Contract Award

Prime Contractor

Sub-contractor

Signature: _____

Signature: _____

Title: _____

Title: _____

Date: _____

Date: _____

ATTACHMENT F
CERTIFICATE OF CORPORATE BIDDER

I, _____ (*insert name of the Corporate Secretary*), certify that I am Secretary of the corporation named as Bidder herein, same being organized and incorporated to do business under the laws of the State of _____; that _____ (*insert name of individual signing the Bid*) who executed this Bid on behalf of the Bidder was, then and there, _____ (*insert title of individuals signing the Bid*) and that said Bid was duly signed by said officer for and on behalf of said corporation, pursuant to the authority of its governing body and within the scope of its corporate powers.

I further certify that the names and addresses of the owners of all outstanding stock of said corporation as of this date are as follows:

This _____ day of _____, 20____.

By: _____ (Corporate Seal)
Secretary

ATTACHMENT G

CERTIFICATE OF AUTHORITY – JOINT VENTURE
(Separate Certificate to be submitted by each joint venture partner)

I, _____, ⁽¹⁾ certify that:

1. I am the _____ ⁽²⁾ of _____, ⁽³⁾ (hereinafter “Venturer”);
2. Venturer is a partner and participant in the joint venture having submitted the Invitation to Bid or Request for Proposal No. _____ for _____ (insert Project Name);
3. Venturer is organized and incorporated to do business under the laws of the State of _____; and
4. Said Invitation to Bid or Request for Proposal No. _____ was duly signed by said officer for and on behalf of said Venturer and the Contractor pursuant to the authority of the governing body of each and within the scope of its corporate powers.

I further certify that the names and addresses of the owners of all the outstanding stock or ownership interest in Venturer as of this date are as follows:

This _____ day of _____, 20____.

By: _____
Signature of Person Executing Certification

INSTRUCTIONS FOR COMPLETION OF THIS CERTIFICATE:

1. Name of secretary (if Venturer is a corporation), or Manager or CEO (if Venturer is a LLP) of Venturer.
2. Title of person executing Certification.
3. Name of joint venture partner.

COPY THIS FORM AND SUBMIT SEPARATE CERTIFICATES FOR EACH JOINT VENTURE PARTNER WITH THE BID OR PROPOSAL.

ATTACHMENT H
BIDDER'S AFFIDAVIT OF COMPLIANCE WITH O.C.G.A. §13-10-91

By executing this affidavit, the undersigned verifies its compliance with O.C.G.A. § 13-10-91, as amended, stating affirmatively that the Bidder submitting a Bid to DEKALB COUNTY, GA, a political subdivision of the State of Georgia, has registered with and is participating in a 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, as amended. The undersigned further verifies that it will continue to use the federal work authorization program for the Contract Term, and it will only contract with Subcontractors who have registered for the federal work authorization program. The undersigned 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 _____, ____, 20__ in _____(city), _____(state).

By:_____
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:

STATE OF GEORGIA
COUNTY OF DEKALB

ATTACHMENT I
CONTRACTOR AFFIDAVIT AND
OATH OF SUCCESSFUL BIDDER

Personally appeared before me, the undersigned officer, duly authorized to administer oaths, _____, (insert name), who, after being duly sworn, deposes as follows:

I, _____, (insert name), am a competent adult, and I have personal knowledge of the facts set forth in this Affidavit and Oath which I make for any lawful use or purpose.

I, _____ (insert name) swear or affirm that I have not prevented or attempted to prevent competition in bidding or submitting a proposal for this Project by any means whatsoever. I swear or affirm that I have not prevented or endeavored to prevent anyone from making a Bid for this Project by any means whatsoever, I swear I have not caused or induced any other person to withdraw a Bid for this Project. I swear or affirm that I have not violated O.C.G.A. §36-91-21(d) in any way, directly or indirectly.

I hereby declare under penalty of perjury that the foregoing is true and correct. Executed on _____, 20__ in _____ (city), _____ (state).

By: _____
Signature

Print Name of Affiant

Print Title of Affiant

Subscribed and Sworn before me on this the _____ day of _____, 20_____.

NOTARY PUBLIC
My Commission Expires:

ATTACHMENT J



FIRST SOURCE JOBS ORDINANCE INFORMATION (WITH EXHIBITS 1 – 4)

EXHIBIT 1 **FIRST SOURCE JOBS ORDINANCE ACKNOWLEDGEMENT**

The DeKalb County First Source Ordinance requires contractors or beneficiaries of eligible projects entering into any type of agreement with the County, including purchase orders, regardless of what they may be called, for the procurement or disposal of supplies, services, construction projects, professional or consultant services, which is funded in whole or part with County funds or County administered funds in which the contractor is to receive \$50,000 or more in County expenditures or committed expenditures and recipient of urban redevelopment action grants or community development block funds administered in the amount of \$50,000 or more to make a good faith effort to hire DeKalb County residents for at least 50% of jobs created using the First Source Registry (candidate database) within one hundred twenty (120) days of contract execution. The work to be performed under this contract is subject to the provisions of the DeKalb County First Source Jobs Ordinance. All contractors will be asked to submit an Employment Roster and/or copies of active payroll registers on a monthly basis to verify compliance. The undersigned acknowledges and agrees to comply with the provisions of the DeKalb County First Source Jobs Ordinance.

CONTRACTOR OR BENEFICIARY INFORMATION:

Contractor or Beneficiary Name (Signature)

Contractor or Beneficiary Name (Printed)

Title _____

Telephone _____

Email _____

Name of Business

Please answer the following questions:

1. How many job openings do you anticipate filling related to this contract? _____
2. How many incumbents/existing employees will retain jobs due to this contract?
DeKalb Residents: _____ Non-DeKalb Residents: _____
3. How many work hours per week constitutes Full Time employment? _____

Please return this form to WorkSource DeKalb, (404)687-3900 or email to fkadkins@dekalbcountyga.gov

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.



FIRST SOURCE JOBS ORDINANCE INFORMATION

EXHIBIT 2

NEW EMPLOYEE TRACKING FORM

Name of Bidder _____

Address _____

E-Mail _____

Phone Number _____

Fax Number _____

Do you anticipate hiring from the First Source Candidate Registry? Y or N (Circle one)

If so, the approximate number of employees you anticipate hiring:

Type of Position(s) you anticipate hiring: (List position title, one position per line) Attach job description per job title:	The number you anticipate hiring:	Timeline

Please return this form to WorkSource DeKalb, fax (404) 687-4099 or email to FirstSourceJobs@dekalbcountyga.gov.

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.



FIRST SOURCE JOBS ORDINANCE INFORMATION
EXHIBIT 3
BUSINESS SERVICE REQUEST FORM

Please complete this form for each position that you have available.

DATE: _____

FEDERAL TAX ID: _____

COMPANY NAME: _____

WEBSITE: _____

ADDRESS: _____

(WORKSITE ADDRESS IF DIFFERENT): _____

CONTACT NAME: _____

TITLE: _____

CONTACT E-MAIL ADDRESS: _____

CONTACT PHONE: _____

Are you a private employment agency or staffing agency? ☐ YES ☐ NO

JOB DESCRIPTION: (Please include a copy of the Job Description) _____

POSITION TITLE: _____

NUMBER OF POSITIONS AVAILABLE: _____ TARGET START DATE: _____

WEEKLY WORK HOURS: 20-30 hours ☐ 30-40 hours ☐ Other ☐ _____

SALARY RATE (OR RANGE): _____ SPECIFIC WORK SCHEDULE: _____

PERM ☐ TEMP ☐ TEMP-TO-PERM ☐ SEASONAL ☐

PUBLIC TRANSPORTATION ACCESSIBILITY: YES ☐ NO ☐

SCREENINGS ARE REQUIRED: YES ☐ NO ☐ SELECT ALL THAT APPLY:

☐ CREDIT CHECK ☐ DRUG ☐ MVR ☐ BACKGROUND ☐ OTHER _____

HOW TO APPLY: _____

Please return form to: fkadkins@dekalbcountyga.gov

DO NOT WRITE BELOW THIS LINE - TO BE COMPLETED BY WORKSOURCE DEKALB ONLY	
TYPE: ☐ First Source ☐ Direct Hire ☐ Work Experience (WEX)	SYSTEM ENTRY DATE: _____
ASSIGNED TO: _____	DATE: _____

WorkSource DeKalb (WSD) is an EEO/M/F/D/V employer/program. Auxiliary aids/services are available upon request to individuals with disabilities. Persons with hearing impairments may call 1-800-255-0135 or 711 TTY for assistance. WSD is 100% funded by the U. S. Department of Labor and is a proud partner of the American Job Center Network.

REQUIRED DOCUMENTS CHECKLIST

Bidder shall complete and submit the following documents with their bid:

Bid Page No.	Title	Check This Box If Included With Bid
3	Bid Acknowledgement Form*	
39	Required Documents Checklist*	
20	Contractor Reference and Release Form*	
13 - 17	Bidder's Unit Price Form* (in separate sealed envelope)	
18 - 19	Bid Bond	
8	Business License (per instructions)	
21	Subcontractor Reference and Release Form, if applicable**	
33	Bidder's Affidavit of Compliance*	
40	Standard Form Contract for Construction Exceptions (insert written exceptions with this checklist, if applicable)	
22 - 30	LSBE - Exhibits A and/or B of Attachment G*	
35	First Source Jobs Acknowledgement Form	

***If these mandatory forms are not completed and submitted with the bid, the bidder will be deemed non-responsive.**

****These forms are applicable if a subcontractor will be utilized to fulfill the requirements of this contract. If these forms are applicable, they must be completed and submitted along with the bid. Failure to submit these forms, if applicable, will result in the bidder being deemed non-responsive.**

I, the undersigned, acknowledge that I have included the requested documents as listed above.

Printed Name

Signature

EXHIBIT 1

**STANDARD COUNTY FORM CONTRACT FOR CONSTRUCTION
(FOLLOWING PAGES)**

SAMPLE County Contract

**DeKalb County
Department of**



Purchasing and

Contracting

Maloof Administration Building, 1300 Commerce Drive, 2nd Floor, Decatur, Georgia 30030

Insert Date

**CONTRACT DOCUMENT FOR
INVITATION TO BID (ITB) NO. Insert ITB #
FOR
INSERT TITLE
DEKALB COUNTY, GEORGIA**

Insert Agent Name, Insert Title, Phone: Insert Phone No.
Email: [Insert Email Address](#)

THE RESPONSIBILITY FOR SUBMITTING A RESPONSE TO THIS BID TO THE DEPARTMENT OF PURCHASING AND CONTRACTING OF DEKALB COUNTY GOVERNMENT ON OR BEFORE THE STATED DATE AND TIME WILL BE SOLELY AND STRICTLY THE RESPONSIBILITY OF THE BIDDER.

DEKALB COUNTY
STANDARD FORM NUMBER 7

STATE OF GEORGIA

COUNTY OF DEKALB

CONTRACT FOR CONSTRUCTION

THIS CONTRACT, made as of this ____ day of ____, 20____, (hereinafter called the “execution date”) by and between, **DEKALB COUNTY**, a political subdivision of the State of Georgia (hereinafter called the “County”) and _____, a _____ organized pursuant to the laws of the State of _____ (hereinafter called the “Contractor”).

I. SCOPE OF WORK

- A. The term “Work” means the construction, labor, materials, equipment, tools, machinery, testing, temporary services and utilities, supervision, administration, coordination, planning, insurance, bonds, transportation, security, and all other services and things necessary to provide the County with the facilities, improvements, features, and functions in strict conformity with the General Requirements attached hereto as Attachment A, and as described in the Specifications and the Drawings included in the Bid Document Package. The Contractor agrees to complete the Work in a good, firm, substantial and workmanlike manner in strict conformity with this Contract.
- (1) The Work relates to the following Project.
- (2) Work not included in this Contract (*if applicable*):
- B. Unless otherwise stipulated, the Contractor shall furnish all of the Work in accordance with the Contract and all incidental work necessary to complete the Project in an acceptable manner, ready for use, occupancy, or operation by the County. The Contractor shall be responsible for the entire Work and every part thereof.

II. TIME, TERM AND LIQUIDATED DAMAGES

- A. **Contract Time.** The Contractor shall commence the Work under this Contract within ten (10) days from the date on the Notice to Proceed. Contractor shall fully complete the Work within _____ calendar days from and including the date on the Notice to Proceed. If the Change Order only seeks to extend the Contract Time, it may be approved and executed by the DeKalb County Chief Executive Officer or his/her designee and the Contractor in accordance with the terms of this Contract.

- B. **Contract Term.** As required by O.C.G.A. §36-60-13, this Contract shall commence immediately upon the execution date. This Contract shall (i) terminate without further obligation on the part of the County each and every December 31st, as required by O.C.G.A. § 36-60-13, as amended, unless terminated earlier in accordance with the termination provisions of this Contract; (ii) automatically renew on each January 1st, unless terminated in accordance with the termination provisions of this Contract; and (iii) terminate absolutely, with no further renewals, on December 31, 20____, unless extended by Change Order adopted and approved by the DeKalb County Governing Authority and the Contractor in accordance with the terms of this Contract.

OR

- B. **Contract Term.** *(May be used for public works construction contracts for waste-water treatment, storm-water, water or sewer system or any combination of such systems)* As allowed by O.C.G.A. §36-60-15.1, this Contract shall commence immediately upon the execution date. This Contract shall terminate without further obligation on the part of the County, with no further renewals, on _____, 20____, unless extended by Change Order adopted and approved by the DeKalb County Governing Authority and the Contractor in accordance with the terms of this Contract.
- C. **Liquidated Damages.** The Contractor acknowledges that time is of the essence with respect to the Work governed by this Contract. Contractor acknowledges and recognizes that if it fails to achieve Substantial Completion of any portion of the Work within the Contract Time as may be extended in accordance with the terms of this Contract, the County will sustain substantial losses as a result of such failure. The Contractor further acknowledges that the County will suffer damages that are difficult if not impossible to accurately estimate. Contractor shall pay liquidated damages of _____ Dollars (\$_____) for each day that Substantial Completion of the Work is delayed past the Contract Time. The Contractor agrees that the foregoing rate is a reasonable pre-estimate of the probable damages that the County will suffer if Substantial Completion is delayed, and said daily rate is intended to compensate the County for its damages and is not intended to penalize the Contractor for its delay. The County may deduct such liquidated damages from any unpaid amounts then or thereafter due the Contractor under this Contract. Any liquidated damages not deducted from any unpaid amounts due the Contractor are payable to the County at the County's demand, together with interest from the date of the demand at a rate equal to seven percent (7%) per annum.

III. PAYMENT

- A. **Contract Price.** As full payment for the faithful performance of this Contract, the County shall pay the Contractor, the Contract Price, which is an amount not to exceed _____ (\$_____), unless changed by written Change Order in accordance with the terms of this Contract. The term "Change Order" includes the term "amendment" and shall mean a written order authorizing a change in the Work, and an adjustment in Contract Price to Contractor or the Contract Term, as adopted and approved by the Contractor and the DeKalb County Governing Authority, or the Chief Executive Officer, if exempted from Governing Authority adoption and approval in accordance with the express terms of this Contract. The

Chief Executive Officer or his/her designee shall have the authority to approve and execute a Change Order lowering the Contract Price or increasing the Contract Price up to twenty percent (20%) of the original Contract Price, provided that the total amount of the increase authorized by such Change Order is less than \$100,000.00. If the original Contract or Purchase Order Price does not exceed \$100,000.00, but the Change Order will make the total Contract Price exceed \$100,000.00, then the Change Order will require approval by official action of the Governing Authority. Any other increase of the Contract Price shall be by Change Order adopted and approved by the DeKalb County Governing Authority and the Contractor in accordance with the terms of this Contract. Amounts paid to the Contractor shall comply with and not exceed Attachment A, the Contractor's Cost Proposal, consisting of _____ page(s) attached hereto and incorporated herein by reference. Payment is to be made no later than thirty (30) days after submittal of undisputed invoice.

B. **Retainage and Partial Payments.** Partial payments to the Contractor shall be made monthly, based on the value of Work completed as determined by the County, plus the value of materials and equipment suitably stored, insured and protected at the construction site. The Contractor shall submit a payment request for Work completed during the preceding calendar month to _____ for review and approval on or before last day of each month. If approved by the Project Manager or Designated Representative, the approved amount, less retainage, shall be paid to the Contractor thirty (30) days after the date the approved payment request is received by the County Finance Department. If a payment request is not approved by the County, then no payment shall be made to the Contractor until after the Project Manager or Designated Representative approves the payment request. The amount of retainage shall be as follows:

- (1) Ten percent (10%) of each partial payment shall be withheld as retainage until the value of fifty percent (50%) of the Contract Price, including Change Orders and other authorized additions provided in the Contract, is due;
- (2) When fifty percent (50%) of the Contract Price, as described above, becomes due and the manner of completion of the Work and its progress, quality, schedule are reasonably satisfactory to the County, and there are no outstanding claims by the Contractor, Subcontractors, lower tier subcontractors, as that term is defined by state law, or Suppliers, the withholding of retainage shall be discontinued.
- (3) If after discontinuing retainage, the County determines that the Work is unsatisfactory or has fallen behind schedule, withholding of ten percent (10%) of each request for payment may be resumed. When the Work has reached Substantial Completion and the County determines the Work to be reasonably acceptable, the Contractor shall submit an invoice or other documents as may be required and receive payment of retainage within thirty (30) days. If minor items remain incomplete at that time, an amount equal to two hundred percent (200%) of the value of each item, as determined by the County, shall be withheld until such items are completed.
- (4) The Contractor shall within ten days from the Contractor's receipt of each payment from the County pass through payments to Subcontractors and shall reduce each

Subcontractor's retainage in the same manner as the Contractor's retainage is reduced by the County. The Subcontractor shall, within ten days from the Subcontractor's receipt of payment, pass through payments to lower tier subcontractors and shall reduce each lower tier subcontractor's retainage in the same manner as the Subcontractor's retainage is reduced.

- (5) Contractor and County agree to abide by all applicable provisions of Georgia state law concerning retainage, including but not limited to O.C.G.A. § 13-10-80 and 13-10-81. If the terms of this contract concerning retainage conflict with state law, state law governs.
- (6) *For contracts relating to the installation, extension, improvement, maintenance or repair of any water or sewer facility add the following provision:* As required by O.C.G.A. § 13-10-81, Retainage shall be invested by the County at the current market rate and any interest earned on the retained amount shall be paid to the Contractor when the Project has been completed within the time limits specified and for the price specified in this Contract or in change orders approved in accordance with the terms of this Contract, upon the County's receipt of certification by the engineer in charge of the Project in the manner and form required by O.C.G.A. §13-10-81.

C. **Payment Requests and Invoices.** Payment Requests and invoice(s) must be submitted as follows:

- (1) Original(s) must be submitted to:

Insert User Department Address here.
- (2) Upon award, Prime Contractor(s) with Local Small Business Enterprise (LSBE) Subcontractor(s) shall enter utilization reports electronically at www.dekalblsbe.info. Proof of payment to the LSBE Subcontractor must be uploaded and submitted. LSBE Subcontractors shall confirm receipt of payment from the Prime, electronically also, at www.dekalblsbe.info.

D. **Title.** All equipment, materials, and Work covered by partial payments shall, upon payment thereof, become the sole property of the County, but this provision shall not be construed as relieving the Contractor from the sole responsibility for the care and protection of equipment, materials, and Work upon which payments have been made, or the restoration of any damaged Work.

E. **Final Payment.** Within sixty (60) days after the Work is fully completed and accepted by the County, the balance due hereunder shall be paid; provided, however, that final payment shall not be made until said Contractor shall have completed all Work necessary and reasonably incidental to the Contract, including final cleanup and restoration. Acceptance of the Work and the making of final payment shall not constitute a waiver of any claims

by the County. All claims by the Contractor for breach of contract, violation of state or federal law, or compensation and extensions of time shall be submitted in writing to the Chief Executive Officer within sixty (60) days after completion and acceptance of the Work as herein provided, or all such claims shall be forever barred.

IV. NOTICE

Any notice or consent required to be given by or on behalf of any party hereto to any other party hereto shall be in writing and shall be sent to the County's Chief Executive Officer and the Executive Assistant or to the Contractor or his authorized representative on the work site by (a) registered or certified United States mail, return receipt requested, postage prepaid, (b) personal delivery, or (c) overnight courier service. All notices sent to the addresses listed below shall be binding unless said address is changed in writing no less than fourteen days before such notice is sent. Future changes in address shall be effective upon written notice being given by the Contractor to the County's Executive Assistant or by the County to the Contractor's authorized representative via certified first class U.S. mail, return receipt requested. Such notices will be addressed as follows:

If to the County:

Chief Executive Officer
The Maloof Center
1300 Commerce Drive, 6th Floor
Decatur, Georgia 30030

and

Executive Assistant
The Maloof Center
1300 Commerce Drive, 6th Floor
Decatur, Georgia 30030

With a copy to: Director of the Department of Purchasing and Contracting
The Maloof Center
1300 Commerce Drive, 2nd Floor
Decatur, Georgia 30030

With a copy to:

If to the Contractor:

With a copy to: *(Insert Contractor name and address)*

V. FEDERAL WORK AUTHORIZATION

- A. Pursuant to O.C.G.A. §13-10-91, the County cannot enter into a contract for the physical performance of services unless the Contractor, its Subcontractor(s) and sub-subcontractor(s), as that term is defined by state law, register and participate in the Federal Work Authorization Program to verify specific information on all new employees.
- B. Contractor certifies that it has complied and will continue to comply throughout the Contract Term with O.C.G.A. §13-10-91 and any related and applicable Georgia Department of Labor Rule.
- C. Contractor agrees to sign an affidavit evidencing its compliance with O.C.G.A. §13-10-91. The signed affidavit is attached to this Contract as Attachment B.
- D. Contractor agrees that in the event it employs or contracts with any Subcontractor(s) in connection with this Contract, Contractor will secure from each Subcontractor an affidavit that certifies the Subcontractor's current and continuing compliance with O.C.G.A. §13-10-91 throughout the Contract Term. Any signed Subcontractor affidavit(s) obtained in connection with this Contract shall be attached hereto as Attachment C.
- E. Each Subcontractor agrees that in the event it employs or contracts with any sub-subcontractor(s), each Subcontractor will secure from each sub-subcontractor an affidavit that certifies the sub-subcontractor's current and continuing compliance with O.C.G.A. §13-10-91 throughout the Contract Term. Any signed sub-subcontractor affidavit(s) obtained in connection with this Contract shall be attached hereto as Attachment D.

VI. CORPORATE AUTHORITY

Contractor agrees to execute the Certificate of Corporate Authority, attached hereto as Attachment E. The officials of the Contractor executing this Contract are duly and properly in office and are fully authorized and empowered to execute the same for and on behalf of the Contractor. Contractor warrants that it has all requisite power and authority to enter into and perform its obligations under this Contract, and that the execution and delivery by the Contractor of this Contract and the compliance by the Contractor with all of the provisions of this Contract (i) is within the purposes, powers, and authority of the Contractor; (ii) has been done in full compliance with applicable law and has been approved by the governing body of the Contractor and is legal and will not conflict with or constitute on the part of the Contractor a violation of or a breach of or a default under any indenture, mortgage, security deed, pledge, note, lease, loan, or installment sale agreement, contract, or other agreement or instrument to which the Contractor is a party or by which the Contractor is otherwise subject or bound, or any license, judgment, decree, law, statute, order, writ, injunction, demand, rule, or regulation of any court or governmental

agency or body having jurisdiction over the Contractor; and (iii) has been duly authorized by all necessary action on the part of the Contractor. This Contract is the valid, legal, binding and enforceable obligation of the Contractor.

VII. PERFORMANCE AND PAYMENT BONDS AND INSURANCE REQUIREMENTS

- A. Within ten (10) days from the date of Notice of Award of this Contract, the Contractor, as principal, shall give a Contract performance bond, attached hereto as Attachment F and a payment bond, attached hereto as Attachment G, each in the amount of \$ _____, for the use of all persons doing work or furnishing skills, tools, machinery, or materials under or for the purpose of this Contract, in accordance with the applicable provisions of Georgia state law, including but not limited to, O.C.G.A. §13-10-1 and §36-91-21 *et seq.* The bonds shall be underwritten by a surety company licensed to write bonds in the State of Georgia, listed in the most current U.S. Treasury Circular No. 570, and which have a current A.M. Best rating of "A" (Excellent) with a Financial Size Category of XII or better. The life of these bonds shall extend throughout the Contract Term including a sixty (60) day maintenance period (where applicable) and a twelve-month guarantee period after the completion of Work performed under this Contract. The bonds shall issue on the forms provided by the County as part of this Contract.
- B. It is further agreed between the parties hereto that if at any time after the execution of this Contract and the surety bonds, the County shall deem the surety or sureties upon such bonds to be unsatisfactory, or if, for any reason, such bonds cease to be adequate to cover the performance of the Work, the Contractor shall, at its sole expense and within five (5) days after the receipt of notice from the County to do so, furnish additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the County.
- C. The Contractor shall, without expense to the County, provide certificates of insurance, and copies of signed insurance policies including declarations pages from companies that are authorized to engage in the insurance business in the state of Georgia and are otherwise acceptable to the County Finance Director or his/her designee, attached hereto as Attachment H. Such insurance shall be placed with admitted insurers that maintain an A.M. Best's rating of not less than A (Excellent) with a Financial Size Category of VII or better with coverage forms acceptable to Contractor. The insurance described below shall be maintained uninterrupted for the duration of the project, including any warranty periods, and shall protect Contractor, and others as required by contract, for liabilities in connection with work performed by or on behalf of Contractor, its agents, representatives, employees or Contractors.
- (1) *Workers Compensation Insurance.* Statutory workers compensation insurance is to be provided in compliance with the requirements of Georgia law with limits not less than the following:

Employer's liability insurance by accident, each accident \$1,000,000

Employer's liability insurance by disease, policy limit \$1,000,000
Employer's liability insurance by disease, each employee \$1,000,000

- (2) *Commercial General Liability Insurance.* Commercial general liability insurance is to be provided with limits not less than the following:

\$1,000,000 per occurrence for bodily injury and property damage liability
\$1,000,000 personal and advertising injury liability
\$2,000,000 general aggregate
\$2,000,000 products-completed operations aggregate
\$ 100,000 damage to rented premises (each occurrence)
\$ 5,000 medical expense (any one person)

- (3) *Umbrella or Excess Insurance.* Umbrella or excess insurance is to be provided with General Liability, Auto Liability and Employers Liability scheduled as underlying policies with limits not less than the following:

\$5,000,000 per occurrence
\$5,000,000 aggregate

- (4) *Comprehensive Automobile Liability Insurance.* Comprehensive automobile liability insurance with form coverage is to be provided for all owned, non-owned and hired vehicles with combined single limit of \$1,000,000. Automobile liability insurance shall be written on ISO Business Auto Coverage Form CA 0001 (1990 edition or later), or a substitute form providing equivalent coverage, and shall cover liability for bodily injury and property damage arising from the use or operation of any automobile, including those owned, hired or otherwise operated or used by or on behalf of Contractor. The policy must include Broadened Pollution Liability Endorsement CA9948 12 93.

- (5) *Builder's Risk Insurance Coverage (If Applicable).* DeKalb County shall procure and maintain Builders Risk Insurance on the entire work which provides "All-risk" 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, malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than caused by flood), and such other perils or causes of loss as may be specifically required by Supplementary Conditions) until Final Completion and Acceptance of the Project. Such policy of insurance shall contain at least the following sub-limits of insurance and deductibles:

Sub-limits:

Property in Transit \$1,000,000

Property in Offsite Storage	\$1,000,000
Plans & Blueprints	\$25,000
Debris Removal	25% of Insured Physical Loss
Delay in Completion / Soft Cost	TBD
Ordinance of Law (Increased Cost of Construction)	\$1,000,000
Flood and Earthquake	TBD – Full Contract Value
Deductibles:	
Flood and Earthquake	\$25,000
Water Damage other than Flood	\$100,000
All other Perils	\$10,000

- D. The County, its elected officials, officers, employees and agents, hereinafter referred to in this article and in the article entitled “Certificates of Insurance” as “the County and its officers” are to be named as additional insured on all policies of insurance except worker’s compensation insurance with no cross suits exclusion. The County and its officers shall be included as additional insureds under commercial general liability and commercial umbrella insurance, for liabilities arising out of both the ongoing and completed operations of Contractor. Such additional insured coverage shall be endorsed to Contractor’s policy by attachment of ISO Additional Insured Endorsement forms CG 20 10 10 01 (ongoing operations) and CG 20 37 10 01 (products-completed operations), or form(s) providing equivalent coverage.
- E. All coverages required of the Contractor will be primary over any insurance or self-insurance program carried by the County.
- F. If the Contractor is a joint venture involving two (2) or more entities, then each independent entity will satisfy the limits and coverages specified here or the joint venture will be a named insured under each respective policy specified.
- G. In addition to procuring and maintaining commercial general liability insurance, automobile liability and commercial umbrella insurance, for the Contract Term, Contractor shall continue to procure and maintain the products-completed operations liability insurance coverage and commercial umbrella insurance after the Work is substantially complete for the entire Contract Term or for the applicable five-year statutory limitation, whichever is greater. For such period of time, all terms and conditions of such coverage shall remain unchanged, including the limits specified herein and the requirement to provide the County with coverage as an additional insured.
- H. Contractor agrees to waive all rights of subrogation and other rights of recovery against the County and its officers and shall cause each Subcontractor to waive all rights of subrogation for all coverage.
- I. Failure of the County to demand such certificate or other evidence of full compliance with these insurance requirements or failure of the County to identify a deficiency from evidence

provided will not be construed as a waiver of the Contractor's obligation to maintain such coverage.

- J. Contractor understands and agrees that the purchase of insurance in no way limits the liability of the Contractor.

VIII. CERTIFICATES OF INSURANCE

- A. Certificates shall state that the policy or policies shall not expire, be cancelled or altered without at least sixty (60) days prior written notice to the County. Policies and Certificates of Insurance listing the County and its officers as additional insureds (except for workers' compensation insurance) shall conform to all terms and conditions (including coverage of the indemnification and hold harmless agreement) contained in this Contract.
- B. The Contractor agrees to name the County and its officers as additional insured on the commercial general liability insurance, using the ISO Additional Insured Endorsement forms CG20101001 (ongoing operations) and CG20371001 (products-completed operations) forms, or form(s) providing equivalent coverage.
- C. Certificates of Insurance must contain the policy number, policy limits, and policy expiration date of all policies issued in accordance with this Contract; the location and operations to which the insurance applies. Certificates must be provided annually for the duration of the project. If applicable, a specific statement must be included that blasting coverage is included to the extent such risk is present; that Contractor's protective coverage applies to any Subcontractor's operations; and Contractor's contractual liability insurance coverage applies to any Subcontractor.
- D. This insurance for the County as the additional insured shall be as broad as the coverage provided for the named-insured Contractor. It shall apply as primary insurance before any other insurance or self-insurance, including any deductible, non-contributory, and waiver of subrogation provided to the County as the additional insured.
- E. The Contractor shall be wholly responsible for securing certificates of insurance coverage as set forth above from all Subcontractors who are engaged in the Work.
- F. If the County shall so request, the Contractor will furnish the County for its inspection and approval such policies of insurance with all endorsements, or confirmed specimens thereof certified by the insurance company to be true and correct copies.
- G. Contractor shall be responsible and have the financial wherewithal to cover any deductibles or retentions included on the certificate of insurance.
- H. Such certificates should be sent to the County and must identify the "Certificate Holder" as follows:

DeKalb County, Georgia

Director of Purchasing & Contracting
The Maloof Center
1300 Commerce Drive, 2nd Floor
Decatur, Georgia 30030

- I. Copies of Required Insurance policies with Declarations Page(s) shall be attached hereto as Attachment H.

IX. ATTACHMENTS

- A. This Contract includes the following Attachments all of which are incorporated herein by reference:

Attachment A, General Requirements, GR-1 through GR-46.

Attachment B, Contractor's Affidavit.

Attachment C, Subcontractor's Affidavit(s).

Attachment D, Sub-subcontractor's Affidavit(s).

Attachment E, Certificate of Corporate Authority or Joint Venture Certificates

Attachment F, Performance Bond and Accompanying Power of Attorney

Attachment G, Payment Bond and Accompanying Power of Attorney

Attachment H, Copies of Required Insurance policies with Declarations Page(s)

- B. In addition to the foregoing, the Bid Document Package dated _____, the original of which is maintained in the County's Department of Purchasing and Contracting, forms an essential part of this Contract as if fully set out herein.

IX. FUNDING CLAUSE
(If Applicable)

The Contractor has been informed and understands that funding for this Contract is provided under the _____ Act and expressly agrees that performance of the Contract, in whole or in part, is contingent upon and subject to the availability of such funding under the _____ Act to DeKalb County, Georgia.

X. FEDERAL AND/OR STATE FUNDING/LAW
(If Applicable)

Insert any requirements pertaining to Federal and/or State funding requirements or other legal requirements.

[SIGNATURES APPEAR ON NEXT PAGE]

SAMPLE County Contract

IN WITNESS WHEREOF, the parties hereto have set their hands and caused their seals to be affixed hereupon in four (4) counterparts, each to be considered as an original by their authorized representatives.

NAME OF CONTRACTOR

DEKALB COUNTY, GEORGIA

By: _____
Signature (SEAL)

Name (Typed or Printed)

Title

Federal Tax I.D. Number

Date

ATTEST:

Signature

Name (Typed or Printed)

Title

APPROVED AS TO SUBSTANCE:

DeKalb County Department
Director

by Dir. (SEAL)

MICHAEL L. THURMOND
Chief Executive Officer
DeKalb County, Georgia

Date

ATTEST:

BARBARA H. SANDERS, CCC
Clerk of the Chief Executive Officer
and Board of Commissioners of
DeKalb County, Georgia

APPROVED AS TO FORM:

County Attorney Signature

County Attorney Name
(Typed or Printed)

ATTACHMENT A

GENERAL REQUIREMENTS

INDEX TO GENERAL REQUIREMENTS

<u>Section</u>	<u>Title</u>
GR-1	Definitions of Terms
GR-2	Prior Use by County.....
GR-3	Contractor's Obligations
GR-4	Authority of the County
GR-5	Changes in the Work and Change Orders
GR-6	Time for Completion.....
GR-7	Schedules, Reports, and Records
GR-8	County's Right to Suspend or Terminate Work
GR-9	Final Inspection
GR-10	Warranties, Guarantees and Correction of Work.....
GR-11	Contractor's Personnel and Independent Contractor Status
GR-12	Subcontracting
GR-13	Assignments
GR-14	Indemnification and Hold Harmless
GR-15	Royalties and Patents
GR-16	Laws and Regulations
GR-17	Permits and Inspection Fees.....
GR-18	Land and Rights-of-Way.....
GR-19	Protection of Work, Property, and Persons.....
GR-20	Prohibited Interests
GR-21	First Source Jobs Ordinance
GR-22	Foreign Corporations
GR-23	Specification and Drawings
GR-24	Contractor's Submittals
GR-25	As-Built Drawings
GR-26	Examination of Work by Contractor.....
GR-27	Inspection and Testing of Materials.....
GR-28	Inspection of Work
GR-29	Requests for Substitutions.....
GR-30	Rejections of Work and Materials
GR-31	Materials, Services, and Facilities
GR-32	Utilities During Construction.....
GR-33	Temporary Heat and Air Conditioning
GR-34	Maintenance Manual.....
GR-35	Weather Conditions
GR-36	Lines, Grades, and Measurements
GR-37	Cleaning Up

GR-38	Barricades
GR-39	No Third-Party Beneficiary.....
GR-40	Severability
GR-41	Interpretation.....
GR-42	Prior Contracts; Conflict in Documents.....
GR-43	Entire Agreement.....
GR-44	Counterparts.....
GR-45	Venue
GR-46	Right to Audit.....

SAMPLE County Contract

GR-1. DEFINITIONS OF TERMS

The section captions contained in this Contract are for convenience only and do not in any way limit or amplify any term or provision hereof. The use of the terms "hereof," "hereunder" and "herein" shall refer to this Contract as a whole, inclusive of the Attachments, except when noted otherwise. The use of the masculine or neuter genders herein shall include the masculine, feminine and neuter genders and the singular form shall include the plural when the context so requires. The following terms shall have the meanings indicated:

“Addendum” or “Addenda” shall mean written or graphic instruments issued prior to the execution of the Contract, which modify or interpret the Work, or the Invitation to Bid by additions, deletions, clarifications, or corrections.

“Bid” shall mean the offer of the Bidder submitted on the prescribed form setting forth the price(s) for the Work to be performed.

“Bid Document Package” shall consist of documents entitled as follows: Acknowledgement of Contractor, Advertisement for Bids, Instructions to Bidders, Addenda, Business License, Utility Systems Contractor’s License, Utility Manager’s Certificate, Utility Foreman’s Certificate, General Contractor’s License, Bidder’s Lump Sum Cost, Bidder’s Unit Price, First Source Jobs Ordinance Information with Exhibits, LSBE Program Information Sheet with LSBE Exhibits, Certificate of Corporate Bidder, Certificate of Authority/Joint Venture, Bidder’s Affidavit of Compliance with O.C.G.A.13-10-91, Reference and Release Form, Preferred Employee Tracking Form, Subcontractor Tracking Form, Bid Bond and Power of Attorney, Public Works Construction Affidavit and Oath of Successful Bidder, Technical Specifications, and Drawings.

“Bidder” shall mean any person, firm, or corporation submitting a Bid for the Work.

“Bonds” shall mean bid, performance, and payment bonds and other instruments of security, furnished by the Contractor and his surety in accordance with the Contract.

“Change Order” includes the term “amendment” and shall mean a written order authorizing a change in the Work, if applicable, and an adjustment in the Contract Price, Contract Time or Contract Term, as adopted and approved by the Contractor and the DeKalb County Governing Authority, or the Chief Executive Officer, if exempted from Governing Authority adoption and approval in accordance with the express terms of this Contract.

“Contract” or “Agreement” shall consist of the written Contract executed by the parties, all attachments to the Contract, Change Orders, Field Orders, and the Bid Document Package. The intent of these documents is for the Contractor to furnish all materials, appliances, tools, labor and services of every kind necessary for the proper execution of the Work, and the terms and conditions of payment therefore.

“Contract Price” shall mean the total monies payable to the Contractor under the terms and conditions of the Contract.

“Contract Time” shall mean the number of days stated in the Contract for the completion of the Work.

“Contract Term” shall mean the length of time the Contract shall remain in effect.

“Contractor” or “General Contractor” shall mean the individual, firm, joint venture or corporation undertaking the execution of the Work as an independent contractor under the terms of the Contract and acting through his or its agents or employees.

“County” shall mean DeKalb County, Georgia.

“Day(s)” shall mean calendar day(s).

“Drawings” shall mean the part of the Contract which shows, largely through graphical presentation, the characteristics and scope of the Work to be performed and which have been prepared or approved by the County. The Drawings are included in the Bid Document Package.

“Field Order” shall mean a written order issued by an authorized County official/employee to the Contractor during construction effecting a change in the Work by authorizing an addition, deletion, or revision in the Work within the general scope of the Work not involving an adjustment in the Contract Price or a change to the Contract Time or Term. No Field Order shall be valid or effective unless it is signed by the County employee(s) who has been authorized in writing by the Chief Executive Officer or his/her designee to execute Field Orders.

“Notice of Award” shall mean a written notice of the acceptance of the Bid from the County to the successful Bidder.

“Notice to Proceed” shall mean a written communication issued by the County authorizing the Contractor to proceed with the Work and establishing the date of commencement of the Work. The effective date of the Notice to Proceed shall be the date set forth on the Notice to Proceed.

“Project” shall mean the undertaking to be performed as provided in the Contract.

“Shall” is mandatory; “may” is permissive.

“Specifications” or “Technical Specifications” shall mean a part of the Contract consisting of written descriptions of a technical nature regarding materials, equipment, construction systems, standards, and workmanship specified for this Project.

“Subcontractor” shall mean any person, firm, or corporation having a direct contract with the Contractor or with any other Subcontractor for the performance of a part of the Work.

“Submittals” shall mean all shop drawings, diagrams, illustrations, brochures, schedules, samples, and other data which are prepared by the Contractor, a Subcontractor, manufacturer, Supplier, or distributor, which illustrate how specific portions of the Work shall be fabricated or installed.

“Substantial Completion” or “Substantial Completion of the Work” shall mean that date determined by the County when the construction of the Project or an expressly stipulated part thereof is sufficiently completed, in accordance with the Contract, so that the Project or stipulated part can be fully utilized for the purposes for which it is intended.

“Superintendent” shall mean the Contractor’s authorized on-the-job representative designated in writing by the Contractor prior to commencement of any work.

“Supplier” shall mean any person, supplier, or organization who furnishes materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.

“Work” shall have the meaning assigned to that term in the article in the Contract entitled Scope of Work.”

GR-2. PRIOR USE BY COUNTY

Prior to completion of the Work, the County may take over operation and/or use of the Project or portions thereof. Such prior use of facilities by the County shall not be deemed as acceptance of any Work or relieve the Contractor from any of the requirements of the Contract.

GR-3. CONTRACTOR’S OBLIGATIONS

The Contractor shall, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities, and all things necessary or proper to perform and complete all the Work within the time herein specified and in accordance with the provisions of this Contract, the Specifications, the Drawings, and any and all supplemental drawings pertaining to the Work. Contractor shall furnish, erect, maintain, and remove such construction, plants, and such temporary works as may be required. Contractor alone shall be responsible for the safety, efficiency, and adequacy of its plant, appliances, and methods, and for any damage which may result from their failure or their improper construction, maintenance, or operation. The Contractor shall observe, comply with, and be subject to all terms, conditions, requirements and limitations imposed by the Contract and local ordinances, and state and federal laws; and shall do, carry on, and complete the entire Work.

GR-4. AUTHORITY OF THE COUNTY

- A. The Contractor shall perform all of the Work under the general direction, and to the entire satisfaction, approval, and acceptance of the County. The County shall decide all questions relating to measurements of quantities, the character and acceptability of the Work performed, and as to whether the rate of progress is such that the Work will be completed within the time limit of the Contract. All questions

as to the meaning of the Drawings and the Specifications will be decided by the County.

- B. The approval of the County of any materials, plant, equipment, Drawings, or of any other items executed, or proposed by the Contractor, shall be construed only to constitute an approval of general design. Such approval shall not relieve the Contractor from the performance of the Work in accordance with the Contract, or from any duty, obligations, performance guarantee, or other liability imposed upon him by the provisions of the Contract.
- C. Whenever in this Contract, the words “directed,” “required,” “permitted,” “ordered,” or words of like import are used, it shall be understood that the direction, requirement, permission, or order of the County is intended, and similar words, “approved,” “acceptable,” “satisfactory,” or words of like import shall mean approved by, acceptable to, or satisfactory to the County.

GR-5. CHANGES IN THE WORK, FIELD ORDERS, AND CHANGE ORDERS

- A. All changes, alterations, or instructions in regard to any feature of the Work that differ from the Drawings and Specifications must be approved in writing by Field Order or Change Order in all cases. No verbal instruction or order will be regarded as a basis for a claim for extra compensation or time.
- B. If a minor change in the Work is found to be necessary due to actual field conditions, the Contractor shall submit detailed drawings and written notification of the problems necessitating such departure for approval by the County before making the change. If the Contractor fails to make such request, no excuse will be entertained thereafter for Contractor’s failure to carry out the Work in the required manner and to provide required guarantees, warranties, and Bonds, and Contractor shall not be entitled to any change in the Contract Price, Contract Time or the Contract Term.
- C. The County may at any time, by issuing a Field Order, make changes in the details of the Work. The Contractor shall proceed with the performance of any changes in the Work so ordered by the County unless such Field Order entitles the Contractor to a change in Contract Price, Time, and/or Term, in which event the Contractor shall give the County written notice thereof within fifteen (15) days after the receipt of the ordered change, and the Contractor shall not execute such changes until it receives an executed Change Order from the County. No extra cost or extension of time shall be allowed unless approved by the County and authorized by execution of a Change Order.
- D. The County may at any time order changes within the scope of the Work without invalidating the Contract.

- E. No claims for extra cost or time will be considered based on an escalation of prices throughout the Contract Term. The value of any work covered by a Change Order or of any claim for increase or decrease in the Contract Price shall be determined by one of the following methods in the order of precedence listed below.
- (1) Unit prices previously approved.
 - (2) An agreed lump sum.
 - (3) The actual cost for labor, direct overhead, materials, supplies, equipment, and other services necessary to complete the changed Work. In addition, there shall be added an amount agreed upon but not to exceed fifteen percent (15%) of the actual cost of such work to cover the cost of general overhead and profit.
- F. The parties' execution of any Change Order constitutes a final settlement of all matters relating to the change in the Work which is the subject of the Change Order, including, but not limited to, all direct or indirect costs associated with such change and any and all adjustment to the Contract Price and the construction schedule. In the event a Change Order increases the Contract Price, Contractor must include the Work covered by such Change Orders in requests for payment as if such Work were originally part of the Contract.

GR-6. TIME FOR COMPLETION

- A. The Contractor understands and agrees that the date of the beginning of Work, rate of progress, and time for completion of the Work are essential conditions of this Contract.
- B. The Contractor agrees that the Work shall be executed regularly, diligently, and uninterrupted at such rate of progress as will insure its full completion thereof within the Contract Time. It is expressly understood and agreed, by and between the Contractor and the County, that the time for the completion of the Work described herein is a reasonable time for the completion of the same, taking into consideration the average climate range and usual industrial conditions prevailing in this locality.
- C. If extraordinary adverse weather conditions are the basis for a claim for additional time, such claim shall be supported by the attachment of records of the National Oceanic and Atmospheric Administration showing meaningful variances from historic trends thereby substantiating the fact that weather conditions were abnormal for the period of time, could not have been reasonably anticipated and had an adverse effect on the scheduled construction activities. The Contractor shall be entitled to an extension of the Contract Time only for extraordinary adverse weather conditions that unavoidably delay activities scheduled at that time, and

then only for the number of days of delay which are due solely to such extraordinary adverse weather conditions. The Contractor is not entitled to any costs associated with extraordinary adverse weather conditions.

- D. The County shall not be liable to the Contractor or any Subcontractor for claims or damages of any nature caused by or arising out of delays, regardless of cause. The sole remedy against the County for delays shall be the allowance of additional time for completion of the Work, the amount of which shall be based on actual and unavoidable delay.

GR-7. SCHEDULES, REPORTS, AND RECORDS

- A. The Contractor shall submit to the County such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records, and other data as the County may request concerning the Work performed or to be performed. The Contractor shall also submit a schedule of payments that he anticipates earning during the course of the Work.
- B. That Contractor shall coordinate and hold a meeting with its major Subcontractors and the County to discuss the Project schedule. Such meeting shall be held prior to Commencement of the Work under this Contract, but in no event later than ten (10) days after execution of this Contract by all parties. At that meeting, the Contractor shall present a draft Project schedule, and the Contractor and its Subcontractors shall, in collaboration with the County, assist in the preparation of a detailed and specific construction schedule. The Contractor shall be responsible for preparing and updating such schedule, which shall be complete in all respects and shall, when approved by the County, become the Construction Schedule and be automatically incorporated into the Contract and shall not be changed without the prior written consent of the County. The Construction Schedule shall not exceed the Contract Time, shall be revised and updated at appropriate intervals as required by the conditions of the Work and Project, shall be related to the entire Project to the extent required by the Contract, shall utilize Critical Path Method (CPM) software that is compatible with County software, and shall provide for expeditious and practicable execution of the Work. The Construction Schedule shall be cost-loaded.
- C. The Construction Schedule shall, in such detail as the County may require, show the order in which Contractor will carry on the Work, including dates on which the various parts of the Work will start, and the estimated date of completion of each part. It shall also depict all requisite shop drawing submittals and approvals, manufacturing, fabrication, the installation of materials, supplies and equipment, testing, start-up, and training.
- D. The Contractor shall prepare and keep current, for the County's approval, a schedule of submittals which is coordinated with the Construction Schedule and allows the County reasonable time to review submittals. The Contractor shall

perform the Work in general accordance with the most recent schedules submitted to the County.

- E. In the event the County determines that the performance of the Work has not progressed or reached the level of completion required by the Contract, the County will have the right to order the Contractor to take corrective measures necessary to expedite the progress of construction, including, without limitation, (1) working additional shifts or overtime; (2) supplying additional manpower, equipment, and facilities; and (3) other similar measures (hereinafter referred to collectively as "Extraordinary Measures"). Such Extraordinary Measures must continue until the progress of the Work complies with the stage of completion required by the Contract and the Construction Schedule. The County's right to require Extraordinary Measures is solely for the purpose of ensuring the Contractor's compliance with the Construction Schedule. The Contractor is not entitled to an adjustment in the Contract Price for undertaking Extraordinary Measures required by the County. The County may exercise the rights furnished the County under or pursuant to this paragraph as frequently as the County deems necessary to ensure that the Contractor's performance of the Work will comply with the completion date set forth in the Contract as the Contract Time.

GR-8. COUNTY'S RIGHT TO SUSPEND OR TERMINATE WORK

- A. *Termination for Convenience.* County may, for its own convenience and at its sole option, without cause and without prejudice to any other right or remedy of County, elect to terminate the Contract by delivering to the Contractor, at the address listed in the Notices article of this Contract, a written notice of termination specifying the effective date of termination. Such notice shall be delivered to Contractor at least thirty (30) days prior to the effective date of termination.
- B. *Termination for Default.* If the Contractor is adjudged bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for the Contractor or for any of his property, or if he files a petition to take advantage of any debtor's act or to reorganize under the bankruptcy or applicable laws, or if he fails to supply sufficient skilled workers or suitable materials or equipment, make payments to Subcontractors or for labor, materials or equipment, or if he disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction of the Work, or if he otherwise violates any provision of the Contract, then the County may, without prejudice to any other right or remedy, and after giving the Contractor and his surety a maximum of seven (7) days from delivery of a written notice, declare the Contract in default and terminate this Contract. In that event, the County may take possession of the Project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor. The County may cause the Work to be completed and corrected by whatever method it deems expedient. If called upon by the County to finish the Work, the Contractor's surety shall promptly do so. In any case, the

Contractor and its surety shall be liable to the County for any and all damages and costs incurred by the County as a result of any default by the Contractor, including without limitation all costs of completion or correction of the Work, liquidated damages, attorneys' fees, expert fees, and other costs of dispute resolution. Termination of this Contract pursuant to this paragraph may result in disqualification of the Contractor from bidding on future County contracts for a period of time not to exceed five (5) years.

- C. If Contractor's services are terminated by the County pursuant to paragraph A or B in this General Requirement, the termination will not affect any rights or remedies of the County then existing or which may thereafter accrue against Contractor or its surety. Any retention or payment of moneys due Contractor by County will not release Contractor from liability. If it is determined that the Contractor was not in default or that the failure to perform is excusable, a termination for default will be considered to have been a termination for the convenience of the County, and the rights and obligations of the parties shall be governed accordingly.
- D. In case of termination of this Contract before completion of the Work, Contractor will be paid only for materials and equipment accepted by the County and the portion of the Work satisfactorily performed through the effective date of termination as determined by the County.
- E. Except as otherwise provided in this General Requirement, neither party shall be entitled to recover lost profits, special, consequential or punitive damages, attorney's fees or costs from the other party to this Contract for any reason whatsoever.
- F. The parties' obligations pursuant to this General Requirement shall survive any Acceptance of Work, or expiration or termination of this Contract.

GR-9. FINAL INSPECTION

Upon notice from the Contractor that the Work is completed, the County shall make a final inspection of the Work, and shall notify the Contractor of all instances where the Work fails to comply with the Drawings and Specifications, as well as any defects the County may discover. At no cost to the County, the Contractor shall immediately make such alterations as are necessary to bring the Work into compliance with the Contract, the Drawings, and Specifications.

GR-10. WARRANTIES, GUARANTEES AND CORRECTION OF WORK

- A. The Contractor warrants to the County that materials and equipment furnished under the Contract will be new and of good quality, unless otherwise required or permitted by the Contract; that the Work will be free from defects not inherent in the quality required or permitted; and that the Work will conform to the

requirements of the Contract. Work not conforming to these requirements, including substitutions not properly approved and authorized, is considered defective. The County, in its sole discretion, may exclude from the Contractor's warranty; remedies for damage or defect which the County determines were caused by abuse; modifications not executed by the Contractor; improper or insufficient maintenance; improper operation; and normal wear and tear and normal usage.

- B. Upon the completion of the Work, and as a condition of final payment, the Contractor shall guarantee in writing that all Work has been accomplished in conformance with the Contract. If required by the County, the Contractor shall also furnish additional satisfactory evidence as to the kind and quality of materials and equipment.
- C. The Contractor shall promptly, and in no event later than 48 hours after receiving written demand from the County, remedy any error, omission, defect, or non-compliance in the Work discovered by the County during construction or at any time thereafter until one year after the final completion of the Work. Nothing herein shall be deemed to shorten any statutory period of limitation otherwise applicable to any legal action by the County against the Contractor.
- D. Contractor shall pay for any damage caused by any omission or defect in the Work, including without limitation, any damage to other improvements or facilities. In the event that the Contractor should fail to timely make repairs, adjustments, or other remedy that may be made necessary by such defects, the County may do so, and charge the Contractor the cost thereby incurred.
- E. All warranties and guaranties shall extend for the greatest of one (1) full year commencing on the dates of Substantial Completion of the Project or such longer period of time as is required by the Contract. The one (1) year period shall be extended with respect to portions of the Work first performed after Substantial Completion for a period of one (1) year after the actual performance of the Work. If any defect or deviation should exist, develop, be discovered or appear within such one (1) year period, the Contractor, at its sole cost and expense and immediately upon demand, shall fully and completely repair, correct, and eliminate such defect. The foregoing warranties and guarantees are cumulative of and in addition to, and not restrictive of or in lieu of, any and all other warranties and guarantees provided for or required by law. No one or more of the warranties contained herein shall be deemed to alter or limit any other. The Performance Bond shall remain in full force and effect throughout the applicable guarantee period set forth in this paragraph.
- F. Neither the final payment nor any provision of the Contract, nor partial or entire occupancy or use of the Work by the County, shall constitute an acceptance of any part of the Work that is not in accordance with the Contract or relieve the Contractor of liability for incomplete or faulty materials or workmanship.

- G. All manufacturer warranties and guarantees shall be delivered to the County prior to Substantial Completion and such delivery shall be a condition precedent to the issuance of the Certificate of Substantial Completion. Before final payment, the Contractor shall assign and transfer to the County all guarantees, warranties and agreements from all contractors, Subcontractors, vendors, Suppliers, or manufacturers regarding their performance, quality of workmanship or quality of materials supplied in connection with the Work. The Contractor represents and warrants that all such guarantees, warranties and agreements will be freely assignable to the County, and that upon final completion of the Work, all such guarantees, warranties and agreements shall be in place and enforceable by the County in accordance with their terms. Contractor's obligations pursuant to this General Requirement shall survive any acceptance of Work, or termination or expiration of this Contract.

GR-11. CONTRACTOR'S PERSONNEL AND INDEPENDENT CONTRACTOR STATUS

- A. The Contractor will supervise and direct the Work, including the Work of all Subcontractors. Contractor will be solely responsible for the means, methods, techniques, sequences, and procedures of construction. An experienced Superintendent and necessary assistants competent to supervise the particular types of work involved shall be assigned to the Project by the Contractor, and shall be available at all times when work is in progress. The name of the Superintendent shall be submitted with qualifications of same prior to the start of the Work. If approved by the County, the Superintendent so named by the Contractor shall be employed by the Contractor and shall have served in a supervisory capacity on at least one Project of like description and size performed by the Contractor during the previous twelve months. Under no circumstances shall an employee of any Subcontractor serve as the Superintendent, unless approved by the County prior to being named Superintendent. The Superintendent shall represent the Contractor, and all directions given to the Superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be similarly confirmed on written request in each case.
- B. The Contractor shall not change key members of its staff without the prior consent of the County, unless such staff members prove to be unsatisfactory to the Contractor and cease to be in its employ. If the Contractor intends to change a key staff member (defined as certain full-time personnel stationed at the site including Project Manager, Superintendent, Project Engineer, Assistant Project Manager, Assistant Superintendent, or Assistant Project Engineer) it shall give the County written notice at least fifteen (15) days prior to the intended change. The written notice shall include a description of qualifications for the new proposed key staff member. The County shall have the right to approve or disapprove the proposed key staff member.

- C. Only persons skilled in the type of work which they are to perform shall be employed. The Contractor shall, at all times, maintain discipline and good order among his employees, and shall not employ any unfit person or persons or anyone unskilled in the work assigned him.
- D. The relationship between the County and the Contractor shall be that of owner and independent contractor. Other than the consideration set forth herein, the Contractor, its officers, agents, servants, employees, and any Subcontractors shall not be entitled to any County employee benefits including, but not limited to social security, insurance, paid annual leave, sick leave, worker's compensation, free parking or retirement benefits. All services provided by Contractor shall be by employees of Contractor or its Subcontractors and subject to supervision by Contractor. No officer or employee of Contractor or any Subcontractor shall be deemed an officer or employee of the County. Personnel policies, tax responsibilities, social security payments, health insurance, employee benefits and other administrative policies, procedures or requirements applicable to the Work or services rendered under this Contract shall be those of the Contractor, not the County.

GR-12. SUBCONTRACTING

- A. The Contractor understands and agrees that it shall be a breach of this Contract to subcontract any portion of the Work on this Project unless
 1. The Work and the Subcontractor proposed to perform it have been declared in the Bid to the Contract; or
 2. The Contractor shall have obtained advance written approval from the County.
- B. The Contractor further understands and agrees that any work on this Project, which the Contractor secures in violation of this General Requirement, shall be deemed a donation from the Contractor for which the County shall not be obligated to pay. Nothing contained in this Contract shall create any contractual relation between any Subcontractor and the County. Upon request, Contractor shall provide the County with copies of each of its contract(s) and amendments with each Subcontractor.
- C. Nothing contained in this Contract shall create, nor be interpreted to create privity, or any other relationship whatsoever, between the County and any person, or entity or than Contractor.

GR-13. ASSIGNMENTS

The Contractor agrees it shall not sublet, assign, transfer, pledge, convey, sell, or otherwise dispose of the whole or any part of this Contract or his right, title, or interest therein to any person,

firm, or corporation without the previous written consent of the County. If the County consents to any such assignment or transfer, then the Contractor binds itself, its partners, successors and assigns to all covenants of this Contract.

GR-14. INDEMNIFICATION AND HOLD HARMLESS

- A. The Contractor shall be responsible from the execution date or from the time of the beginning of the Work, whichever shall be the earlier, for all injury or damage of any kind resulting from the Work, to persons or property, including employees and property of the County. The Contractor shall exonerate, indemnify, and save harmless the County, its elected officials, officers, employees, agents and servants, hereinafter collectively referred to in this General Requirement as “the County Indemnitees,” from and against all claims or actions based upon or arising out of any damage or injury (including without limitation any injury or death to persons and any damage to property) caused by or sustained in connection with the performance of this Contract or by conditions created thereby or arising out of or any way connected with Work performed under this Contract, as well as all expenses incidental to the defense of any such claims, litigation, and actions. Furthermore, Contractor shall assume and pay for, without cost to the County Indemnitees, the defense of any and all claims, litigation, and actions suffered through any act or omission of the Contractor, or any Subcontractor, or anyone directly or indirectly employed by or under the supervision of any of them. Notwithstanding any language or provision in this Contract, Contractor shall not be required to indemnify any County Indemnitee against claims, actions, or expenses based upon or arising out of the County Indemnitee’s sole negligence.
- B. As between the County Indemnitees and the Contractor as the other party, the Contractor shall assume responsibility and liability for any damage, loss, or injury, including death, of any kind or nature whatever to person or property, resulting from any kind of claim made by Contractor’s employees, agents, vendors, Suppliers or Subcontractors caused by or resulting from the performance of Work under this Contract, or caused by or resulting from any error, omission, or the negligent or intentional act of the Contractor, vendors, Suppliers, or Subcontractors, or any of their officers, agents, servants, or employees. The Contractor shall defend, indemnify, and hold harmless the County Indemnitees from and against any and all claims, loss, damage, charge, or expense to which they or any of them may be put or subjected by reason of any such damage, loss, or injury.
- C. The Contractor expressly agrees to provide a full and complete defense against any claims brought or actions filed against the County Indemnitees, where such claim or action involves, in whole or in part, the subject of the indemnity contained in this Contract, whether such claims or actions are rightfully or wrongfully brought or filed. The County has the sole discretion to choose the counsel who will provide the defense.
- D. No provision of this Contract and nothing herein shall be construed as creating any

individual or personal liability on the part of any elected official, officer, employee, agent or servant of the County, nor shall the Contract be construed as giving any rights or benefits hereunder to anyone other than the parties to this Contract.

- E. The parties agree that Contractor shall be liable for all fines or civil penalties, which may be imposed by any local, federal or state department or regulatory agency that are a result of Contractor's performance of the Work under this Contract. Contractor shall pay the costs of contesting any such fines. The parties' obligations pursuant to this General Requirement shall survive any acceptance of Work, or termination or expiration of this Contract.

GR-15. ROYALTIES AND PATENTS

The Contractor shall hold and save the County and its elected officials, officers, agents, servants, and employees harmless from liability of any nature or kind, including cost and expenses for, or on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by the County, unless otherwise specifically stipulated in the Contract.

GR-16. LAWS AND REGULATIONS

- A. The Contractor's attention is directed to the fact that all applicable federal, state, and County laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the Contract throughout, and they will be deemed to be included in the Contract the same as though herein written out in full. The Contractor shall keep itself and its employees and Subcontractors fully informed of all laws, ordinances, and regulations 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 Contractor discovers any discrepancy or inconsistency in this Contract or in the Drawings or Specifications in relation to any such law, regulation, ordinance, order, or decree, Contractor shall promptly report the same, in writing, to the County. Contractor shall at all times observe and comply with all such laws, ordinances, and regulations, and shall protect and indemnify the County and its agents against any all damages and claims arising out of any violation of such law, ordinance, regulation, order, or decree, whether by Contractor or its employees or Subcontractors.
- B. Contractor shall not discriminate against any person in its operations, activities or performance of Work under this Contract. Contractor shall affirmatively comply with all applicable provisions of federal, state and local equal employment laws and shall not engage in or commit any discriminatory practice against any person based on race, age, religion, color, gender, national origin, physical or mental disability, or political affiliation. Contractor shall maintain a Drug Free Workplace.

GR-17. PERMITS AND INSPECTION FEES

- A. Permits shall be secured by the Contractor, and inspections will be required, but the County will not charge the Contractor for permits and inspections obtained from the County. The Contractor shall secure and pay for any permits and inspection fees required by any other governmental entity or agency.
- B. Prior to execution of this Contract, Contractor shall provide the County with a copy of its current, valid business license. If Contractor is not a Georgia corporation, Contractor shall submit a certificate of authority to transact business in the state of Georgia and a copy of their valid business license issued by their home jurisdiction. Contractor shall provide the County with copies of all other required licenses, certifications and permits for the Contractor and/or all of Contractor's employees, personnel, agents or Subcontractors performing services that require licensure by the federal government, the State of Georgia, or the County. Contractor hereby warrants and represents that at all times during the Contract Term it shall maintain in good standing all required licenses, certifications, and permits required under federal, state and local laws necessary to perform the services required by this Contract.

GR-18. LAND AND RIGHTS-OF-WAY

Prior to entering on any land or right-of-way, the Contractor shall ascertain the requirements of applicable permits or easements obtained by the County, and shall conduct his work in accordance with requirements thereof, including the giving of notice. The Contractor shall be fully responsible for performing work to the requirements of any permit or easement granting entity, even though such requirements may exceed or be more stringent than that otherwise required by the Contract, and shall compensate the County fully for any loss or expense arising from failure of the Contractor to perform as required by such entity. The Contractor shall provide, at its own expense without liability to the County, any additional land and access thereto that the Contractor may desire for temporary construction facilities, or for storage of materials.

GR-19. PROTECTION OF WORK, PROPERTY, AND PERSONS

- A. The Contractor is responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Contractor shall take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to all employees on the Project and other persons who may be affected thereby, all the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, lakes, drainage ways, walks,

pavements, roadways, structures, and utilities not designated for removal, relocation or replacement in the course of construction.

- B. The Contractor shall erect and maintain, as required by the conditions and progress of the Work, all necessary warning safeguards for devices and the safety and protection of the Work, the public and adjoining property.
- C. If existing utilities or structures are indicated by the Contract, no warranty is made as to the accuracy or completeness of such indication or the information provided regarding such utilities or structures. The Contractor shall comply with all applicable state law concerning the marking and location of existing utilities. The Contractor shall, prior to commencing other on-site work, accurately locate above and below ground utilities and structures, which may be affected by the Work, using whatever means may be appropriate, and shall verify the nature and condition of such utilities and structures. The Contractor shall mark the location of existing utilities and structures, if they are not otherwise readily visible, with flagging, stakes, barricades, or other suitable means, and shall preserve and protect all utilities and structures not designated for removal, relocation, or replacement in the course of construction. Contractor shall notify the County promptly of discovery of any conflict between the Contract and any existing facility.
- D. All existing utilities, both public and private, including but not limited to, sewer, gas, water, electrical, and telephone services, shall be protected and their operation shall be maintained through the course of the Work. Any temporary shutdown of an existing service shall be arranged between the Contractor and the responsible agency. The Contractor shall assume full responsibility and hold the County harmless from the result of any damage that may occur as a result of the Contractor's activities in this regard.
- E. In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, or unanticipated conditions where delay would substantially impact the time or cost of work, the Contractor, upon notification to the County, shall act to prevent threatened damage, injury, or loss. Any claim for compensation or extension of time by the Contractor due to such extra work shall be submitted to the County within ten (10) days of the date of performing such work or deviations in the manner prescribed for a Change Order.

GR-20. PROHIBITED INTERESTS

No official of the County who is authorized in such capacity and on behalf of the County to negotiate, make, accept, or approve, or to take part in negotiating, making, accepting, or approving any architectural, engineering, inspection, construction, or material supply contract, or any subcontract in connection with the construction of the Project, shall become directly or indirectly interested personally in this Contract or in any part hereof. No officer, employee, architect, attorney, engineer, or inspector of or for the County who is authorized in such capacity and on behalf of the County to exercise any legislative, executive, supervisory, or other similar

functions in connection with the construction of the Project, shall become directly or indirectly interested personally in this Contract or in any part thereof, any material supply contract, subcontract, insurance contract, or any other contract pertaining to the Project.

GR-21. FIRST SOURCE JOBS ORDINANCE

The Contractor is required to comply with the DeKalb County First Source Jobs Ordinance, Code of DeKalb County as Revised 1988, section 2-231 *et seq.*, and among other things, is required to make a good faith effort to hire DeKalb County residents for at least fifty percent 50% of all jobs created by an Eligible Project, as that term is defined in the First Source Ordinance, using the First Source Registry.

GR-22. FOREIGN CORPORATIONS

In the event the Contractor is a foreign corporation, partnership, or sole proprietorship, the Contractor hereby irrevocably appoints the Georgia Secretary of State as its agent for service of all legal process for the purposes of this Contract only.

GR-23. SPECIFICATIONS AND DRAWINGS

- A. The Specifications, the Drawings and the Contract shall be supplementary to each other, and any material, workmanship, and/or service which may be in one, but not called for in the others, shall be as binding as if indicated, called for, or implied by all.
- B. Each section or type of work is described separately in the Technical Specifications; however, should any item of material, equipment, work, or combinations of such be required in one section, and not be described in that section and a similar item described in another section, that description shall apply regardless of the section under which it is described.
- C. Any discrepancies found between the Drawings and Specifications and site conditions, or any inconsistencies or ambiguities in the Drawings or Specifications shall be immediately reported to the County, in writing, who shall promptly correct such inconsistencies or ambiguities in writing. Work done by the Contractor after his discovery of such discrepancies, inconsistencies, or ambiguities shall be done at the Contractor's risk.
- D. Upon award of the Contract, the Contractor will be supplied, free of charge, up to three complete sets of the Contract Drawings and Specifications. Any prints and Specifications in excess of these shall be furnished at cost at the Contractor's expense.

- E. The Contractor shall furnish, with reasonable promptness, all samples as directed by the County for approval for conformance with the design concept of the Project and for compliance with the information stated in the Contract. The Work shall be in accordance with approved samples.
- F. The County may, without changing the scope of the Work, furnish the Contractor additional instructions and detail drawings, as necessary to carry out the Work required by the Contract. The additional drawings and instructions thus supplied will become a part of the Contract. The Contractor shall carry out the Work in accordance with the additional detail drawings and instructions.
- G. Attention is directed to the fact that the detailed Specifications and separate sections may be written in short or abridged form. In regard to every section of the Specifications and all parts thereof, mentioned therein, or indications on the Drawings of articles, materials, operations, or methods, requires that the Contractor:
- (1) Provide each item mentioned and indicated of a quality or subject to qualifications noted;
 - (2). Perform according to conditions stated, each operation prescribed; and
 - (3) Provide therefore all necessary labor, equipment, and incidentals.
- H. For convenience of reference and to facilitate the letting of contracts and subcontracts, these Specifications are separated into titled sections. Such separation shall not, however, operate to make the County an arbiter to establish limits for the contracts between the Contractor and Subcontractors.
- I. Notwithstanding the appearance of such language in the various sections of the Specifications as, "The Paving Contractor," "The Grading Contractor," etc., the Contractor is responsible to the County for the entire Contract and the execution of all Work referred to in the Contract.

GR-24. CONTRACTOR'S SUBMITTALS

- A. The Contractor shall submit all Submittals to the official or employee so designated by the chief executive officer all Submittals as required under the Specifications and in such time and manner that will allow at least ten (10) days for the County's review, pursuant to the Construction Schedule. No portion of the Work shall commence until all Submittals relating to such portion have been approved by the County.
- B. The approved Drawings will be supplemented by such shop drawings as are needed to adequately control the Work. Shop Drawings, product data, samples and other Submittals are not parts of the Contract. The purpose of their submittal is to

demonstrate for those portions of the Work for which Submittals are required by the Contract, the way by which the Contractor proposes to conform to the information given and the design concept expressed in the Contract. Informational Submittals, upon which a County employee, the Architect or Engineer, if retained by the County in connection with the Project, is not expected to take responsive action, may be so identified in the Contract. Submittals which are not required by the Contract may be returned by the County without action. The approval of a Submittal shall not authorize any deviation from or alteration of the Drawings or Specifications absent a Change Order or Field Order.

- C. Shop drawings to be furnished by the Contractor for any structure shall consist of such detailed drawings as may be required for the execution of the Work.
- D. Drawings for false work, centering, and form work may also be required per the Specifications and in such cases shall be likewise subjected to approval unless approval is waived.
- E. The County's review will be within reasonable promptness as to cause no delay in the Work. Approval of the Contractor's Submittals does not relieve the Contractor of any responsibility for accuracy of dimensions and details or from otherwise ensuring that the Work complies with the requirements of the Contract. It is mutually agreed that the Contractor shall be responsible for agreement and conformity of Submittals with the Drawings and Specifications. The County will review and approve or take other appropriate action upon the Contractor's Submittals such as shop drawings, product data and samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract. Review of submittals is not conducted for the purpose of determining the accuracy and completeness of details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Contractor as required by the Contract. The County's review shall not constitute approval of safety precautions or of any construction means, methods, techniques, sequences or procedures. The County's approval of a specific item shall not indicate approval of an assembly of which the item is a component.
- D. It is the responsibility of the Contractor to check all Submittals before same are submitted to the County for approval. Submittals which have not been checked and approved by the Contractor will not be reviewed by the County.
- E. Submittals shall be submitted only by the Contractor who shall indicate by a signed stamp on the drawings that he has checked the Submittals and that the work shown on them is in accordance with Contract requirements and has been checked for dimensions and relationship with work of all other trades involved. Under no conditions shall Submittals be accepted from anyone other than the Contractor.

- F. The Contractor shall furnish the County with at least six copies of all Submittals for approval. Two finally approved copies will be returned to the Contractor for his use. The Contract Price shall include the cost of furnishing all Submittals and the Contractor will be allowed no extra compensation for such drawings.
- G. The approval of such Submittals shall not relieve the Contractor from responsibility for deviations from Drawings or the Specifications unless he has in writing called attention to such deviations, and the County has approved the changes or deviations in writing at the time of submission, nor shall it relieve him from the responsibility for errors of any kind in Submittals. When the Contractor does call such deviations to the attention of the County, he shall state in writing whether or not such deviations involve any extra cost. If this is not mentioned, it will be assumed that no extra cost is involved for making the change.
- H. The Contractor shall prepare and maintain a log of all Submittals which includes, at a minimum, the submittal number, revision number, description, responsible company, proposed submittal date, date actually submitted, date approved, any comments received, approval status, and resubmittal information. The log shall be updated at least on a monthly basis and made available to the County for review upon request.

GR-25. AS-BUILT DRAWINGS

The Contractor shall maintain a red-lined set of drawings on site during the progress of the Work, indicating any Field Orders, Change Orders and the location of the portion of the Work or equipment actually installed. The Contractor shall, upon completion of the Work, furnish a marked set of reproducible drawings indicating any field changes and the location of Work as actually installed, if different from the requirements of the Contract and deliver them to the County in hard copy as well as an electronic copy compatible with the County's software and hardware system.

GR-26. EXAMINATION OF WORK BY CONTRACTOR

It is understood and agreed that the Contractor has, by careful examination, satisfied himself as to the nature and location of the Work, the configuration of the ground, the character, quality, and quantity of the facilities needed preliminary to and during the prosecution of the Work, the general and local conditions, and all other matters which can in any way affect the Work or the cost thereof under this Contract.

GR-27. INSPECTION AND TESTING OF MATERIALS

Unless otherwise specifically provided for, the inspection and testing of materials and finished articles to be incorporated in the Work as required by the Specifications shall be made by the County, or bureaus, laboratories, or agencies selected by the County. The cost of such inspection and testing shall be paid by the Contractor unless County agrees to pay the cost. Materials and finished articles shall have passed the required tests prior to the incorporation of such materials and finished articles in the Work. The County may require, and the Contractor shall

furnish if required to do so, certificates from manufacturers to the effect that the products or materials furnished by them for use in the Work comply with the applicable specified requirements for the materials or products being furnished.

GR-28. INSPECTION OF WORK

- A. The Contractor shall, at all times, permit and facilitate inspection of the Work by authorized representatives of the County and public authorities having jurisdiction in connection with the Work of this Contract. The presence or observations of the County or its representative at the site of the Work shall not be construed to, in any manner, to relieve the Contractor of its responsibility for strict compliance with the provisions of the Contract.
- B. If the Drawings, Specifications, County's instructions, laws, ordinances, or a public authority require any work to be specially tested or approved, the Contractor shall give the County timely notice of its readiness for observation or inspection. If the inspection is by another authority, then the County shall be advised of the date fixed for such inspection. Required certificates of inspection shall be secured by the Contractor. Contractor, having secured all certificates of inspection, will deliver same to the County upon completion. If any Work should be covered up without approval or consent of the County, it shall, if required by the County, be uncovered for examination at the Contractor's expense. The recovering of such Work after inspection shall be at Contractor's expense.
- C. Should any disagreement or difference arise as to the estimate, quantities, or classifications or as to the meaning of the Drawings or Specifications, or any point concerning the character, acceptability, and nature of the several kinds of work, any materials and construction thereof, the decisions of the County shall be final and conclusive and binding upon all parties to the Contract.
- D. If the County determines that portions of the Work require additional testing, inspection or approval beyond the requirements of the Specifications, the County will instruct the Contractor to make arrangements for such additional testing, inspection or approval by an entity acceptable to the County, and the Contractor shall give timely notice to the County of when and where tests and inspections are to be made so that the County may be present for such procedures. Such costs, except as provided below, shall be at the County's expense.
- E. If such procedures for testing or inspection reveal failure of the portions of the Work to comply with requirements established by the Contract, all costs made necessary by such failure including those of repeated procedures shall be at the Contractor's expense.
- F. Required certificates of testing, inspection or approval shall, unless otherwise required by the Contract, be secured by the Contractor and promptly delivered to the County or the Architect if one is retained by the County in connection with the

Project. Tests or inspections conducted, pursuant to the Contract, shall be made promptly to avoid unreasonable delay in the Work.

GR-29. REQUESTS FOR SUBSTITUTIONS

- A. Requests for substitutions of proprietary products or of a particular manufacturer, vendor, or Subcontractor must be accompanied by the following documentation:
- (1) Full explanation of the proposed substitution and submittal of all supporting data including technical information, catalog cuts, warranties, test results, installation instructions, operating procedures, and other like information necessary for a complete evaluation of the substitution;
 - (2) Reasons the substitution is advantageous or necessary, including benefits to the County and the Work in the event the substitution is acceptable;
 - (3) The adjustment, if any, in the Contract Price, in the event the substitution is acceptable;
 - (4) The adjustment, if any, in the Contract Term or Time and the construction schedule in the event the substitution is acceptable;
 - (5) An affidavit stating that (1) the proposed substitution conforms and meets all the requirements of the pertinent Specifications and the requirements shown on the Drawings and (2) the Contractor accepts the warranty and correction obligations in connection with the proposed substitution as if originally specified;
 - (6) Proposals for substitutions must be submitted in triplicate to the County in sufficient time to allow the County no less than ten (10) working days for review; and
 - (7) No substitutions will be considered or allowed without the Contractor's submittal of complete substantiating data and information as stated hereinbefore.
- B. Substitutions and alternates may be rejected at the County's discretion without explanation and will be considered only under one or more of the following conditions:
- (1) Required for compliance with interpretation of code requirements or insurance regulations then existing;
 - (2) Unavailability of specified products, through no fault of the Contractor; or

- (3) Subsequent information discloses inability or specified products to perform properly or to fit in designated space;
 - (4) Manufacturer/fabricator refuses to certify or guarantee performance of specified product as required; and
 - (5) When in judgment of the County, that a substitution would be substantially to the County's best interests, in terms of costs, time, or other considerations.
- C. Whether or not any proposed substitution is accepted by the County, the Contractor must reimburse the County for any fees charged by the Architect or other consultants for evaluating each proposed substitute. By making requests for substitutions based on the above, the Contractor:
- (1) Represents and warrants that the Contractor has personally investigated the proposed substitute product or Subcontractor and determined that it is equal or superior in all respects to the product or Subcontractor previously specified;
 - (2) Represents and warrants that the Contractor will provide the same warranty for the substituted product or for the workmanship of the substituted Subcontractor, as applicable, that the Contractor would have provided for the product or Subcontractor previously specified;
 - (3) Certifies that the cost data presented, in the form of certified quotations from Suppliers of both specified and proposed equipment is complete and includes all related costs under this Contract, but excludes costs under separate contracts, and waives all claims for additional costs related to the substitution which subsequently become apparent; and
 - (4) Agrees that the Contractor will coordinate the installation of the accepted substitution, making such changes as may be required for the Work to be complete and in accordance with the Contract in all respects.
- D. Contractor shall not propose an item for substitution unless it is equal to or superior to the specified item or items in construction, efficiency, and utility. The opinion of the County as to the equality or superiority of the item shall be final, and no substitute material or article shall be purchased or installed without the County's written approval.
- E. In case of a difference in price, the County shall receive all benefits of the difference in cost involved in any substitution, when lower, and the Contract altered by Change Order to credit the County with any savings to be obtained. However, the County shall not be charged for any additional cost in the case of a price increase.

GR-30. REJECTIONS OF WORK AND MATERIALS

- A. All Work that is defective or deviates from the Drawings or Specifications will be rejected. All rejected Work shall be replaced immediately with other material, equipment, or work which conforms with the Drawings and Specifications at no additional cost to the County. If rejected Work is not removed within forty-eight hours from the date of letter of notification, the County shall have the right and authority to stop the Work immediately and/or to arrange for the removal of said rejected Work at the cost and expense of the Contractor.
- B. Inspection of the Work shall not relieve the Contractor of any of its obligations, and defective Work shall be made good regardless of whether it has been previously inspected by the County and accepted or estimated for payment. The failure of the County to reject or condemn improper materials or workmanship shall not be considered as a waiver of any defect that may be discovered later.

GR-31. MATERIALS, SERVICES, AND FACILITIES

- A. The Contractor shall at all times employ sufficient labor and equipment for executing the Work to full completion in the manner and time specified. Failure of the Contractor to provide adequate labor and equipment shall constitute a default of the Contract. The labor and equipment to be used in the Work by the Contractor shall be sufficient to meet the requirements of the Work and shall be such as to produce a satisfactory quality of work in accordance with accepted industry practices and within the Contract Time.
- B. Materials and equipment shall be so stored and handled as to insure the preservation of their quality and fitness for the Work. Stored materials and equipment to be incorporated in the Work shall be located so as to facilitate prompt inspection. No product which has in any way become unfit for the intended purpose shall be incorporated into the Work.
- C. Manufactured articles, materials, and equipment shall be applied, installed, connected, erected, cleaned, and conditioned as directed by the manufacturer. Contractor shall promptly notify the County of any conflict between the instructions of any manufacturer and the requirements of the Drawings or the Specifications.
- D. Materials, supplies, and equipment to be incorporated into the Work shall be new and unused unless otherwise specifically stated in the Contract. The source of supply for all such products shall be submitted to the County, together with detailed descriptions thereof in the form of samples, shop drawings, tests, or other means necessary to adequately describe the items proposed. Approval by the County of a manufacturer or supplier shall not constitute the approval of materials, supplies, or equipment obtained from such manufacturer or supplier if they do not comply with the requirements of the Contract. If, after trial or installation, it is found that sources of supply, even though previously approved by the County, have not furnished products meeting the intent of the Contract, the Contractor shall thereafter furnish

products from other approved sources, and shall remove completed Work incorporating products which do not meet Contract requirements.

- E. The Contractor shall confine operations to areas permitted by law, ordinances, permits and the Contract, and shall not unreasonably encumber the site with materials or equipment. The Contractor shall provide parking for all construction vehicles only within the construction limits as indicated on the drawings or make appropriate arrangements as permitted by law.
- F. Only materials and equipment which are to be used directly in the Work may be brought to and stored on the Project site by the Contractor. After equipment is no longer required for the Work, it must be promptly removed from the Project site. Protection of construction materials and equipment stored at the Project site from weather, theft, damage, and all other adversity is the sole responsibility of the Contractor.
- G. The Contractor and any entity for which the Contractor is responsible must not erect any sign on the Project site without the prior written consent of the County, which may be withheld in the sole discretion of the County.
- H. Contractor must ensure that the Work, at all times, is performed in a manner that affords reasonable access, both vehicular and pedestrian, and for emergency response to the site of the Work and all adjacent areas. The Work must be performed, to the fullest extent reasonably possible, in such a manner that public areas adjacent to the site of the Work are free from debris, building materials and equipment likely to cause hazardous conditions. Without limitation of any other provision of the Contract, Contractor must use its best efforts to minimize any interference with the occupancy or beneficial use of any areas and buildings adjacent to the site of the Work, or the Project.
- I. Without prior approval of the County, the Contractor shall not permit any worker to use any existing facilities at the Project site, including, without limitation, lavatories, toilets, entrances, and parking areas other than those designated by the County for such use. Without limitation of any other provision of the Contract, the Contractor shall use its best efforts to comply with all rules and regulations promulgated by the County in connection with the use and occupancy of the Project site, as amended from time to time. The Contractor shall immediately notify the County in writing if during the performance of the Work, the Contractor finds compliance with any portion of such rules and regulations to be impracticable, setting forth the problems that may be caused by such compliance and suggesting alternatives through which the results intended by such portions of the rules and regulations can be achieved. The County may, in the County's sole discretion, adopt such suggestions, develop new alternatives or require compliance with the existing requirements of the rules and regulations. The Contractor shall also comply with all insurance requirements applicable to the use and occupancy of the Project site.

- J. Unless otherwise provided in the Contract, Contractor shall provide and maintain a suitable office on the site for its own use and for the use of representatives of the County. Contractor shall furnish sufficient heat, artificial light, ventilation and janitor's service, and shall also provide a table or desk, plan rack and chairs, all for the use of those visiting the job, in addition to such furnishings as he provides for his own use. Temporary offices and other structures shall be located where approved by the County, and shall be removed from the premises upon completion of the Contract or earlier if so directed by the County.
- K. Contractor may be required by the County, at the beginning of Work, to provide, at the Project site, suitable and adequate temporary toilets and enclosure for use of workers on the job, shall maintain same in sanitary condition, and shall remove same at the completion of construction operations and/or when directed by the County. Contractor shall not allow any sanitary nuisances to be committed in or about the site and shall enforce sanitary regulations of local and state health authorities.
- L. The Contractor shall cooperate with the County in any required use of the property and arrange for storage of materials on the Project site in such areas as are mutually agreed upon. The Contractor shall allot suitable and proper space to its Subcontractors for the storing of their materials and for the erection of their sheds and tool houses. Should it be necessary at any time to move materials, sheds, or storage platforms, the Contractor shall, at its own expense move same as and when directed by the County.
- M. Unless otherwise instructed by the County, the Contractor shall repair and return to original condition all buildings, streets, curbs, sidewalks, utilities or other facilities affected by the Contractor's performance of the Work. The County's decisions in matters relating to aesthetic effect shall be final if consistent with the intent of the Contract.

GR-32. UTILITIES DURING CONSTRUCTION

Contractor shall furnish all utilities and pay for all bills for utilities used during construction. Utilities shall include electric power, fuel of any sort used for heating, etc., telephone services, cable and internet, if necessary, and water. Contractor shall provide all temporary connections to utilities when not provided by the utility company or others at no additional cost to the County. Contractor shall, if required by the County, install and maintain at his own expense, a job telephone and communications equipment necessary for the execution of the Work for the Contract Time.

GR-33. TEMPORARY HEAT AND AIR CONDITIONING

The Contractor shall provide, at his own expense, temporary heat or air conditioning, as necessary, to protect all Work and materials against injury from heat, dampness or cold. Fuel,

equipment and method of heating and cooling shall be satisfactory to the County and shall not present a fire hazard. Contractor shall comply with the requirements in the Specifications for specific temperatures to be maintained.

GR-34. MAINTENANCE MANUAL

Contractor shall, prior to completion of Contract, deliver to the County two (2) copies of a manual, assembled, indexed, and bound, for the County's guidance, full details for care and maintenance of visible surfaces and of equipment included in Contract. Contractor shall, for this manual, obtain from Subcontractors literature of manufacturers relating to equipment, including motors; also furnish cuts, wiring diagrams, instruction sheets and other information pertaining to same that will be useful to the County in over-all operation and maintenance. Where the above-described manuals and data are called for under separate sections of the Specifications, they are to be included in the manual described in this General Requirement.

GR-35. WEATHER CONDITIONS

The Contractor will be required to protect all work and materials against damage or injury from the weather. If, in the opinion of the County, any work or materials shall have been damaged or injured by reason of failure to protect such, all such materials or work shall be removed and replaced at the expense of the Contractor.

GR-36. LINES, GRADES, AND MEASUREMENTS

- A. Such stakes and markings as the County may set for either its or the Contractor's guidance shall be preserved by the Contractor. Failure to protect such stakes or markings may, at the County's discretion, shall result in the Contractor being charged for their replacement.
- B. The Contractor must exercise proper care and caution to verify the grades and figures furnished by or on behalf of the County before proceeding with the Work, and shall be responsible for any damage or defective work caused by its failure to exercise such care and caution. Contractor shall promptly notify the County of any errors or discrepancies it may discover in order that the proper corrections may be made.
- C. Before ordering materials or doing work, the Contractor shall measure and verify the dimensions and locations of all existing structures, substrata, and features that affect the Work and shall be responsible for the correctness of same. No consideration will be given any claim based on the differences between the actual dimensions and those indicated on the Drawings. Contractor shall promptly notify the County of any difference which may be found, and shall obtain direction from the County before proceeding with the affected Work.

GR-37. CLEANING UP

- A. The Contractor shall at all times, keep the premises free from accumulation of waste materials or rubbish caused by Contractor's employees or work. Upon completion of the Work, the Contractor shall remove all his plants, tools, materials, and other articles from the property of the County.
- B. If the Contractor fails to clean up, as provided in the Contract, the County may do so, and the cost thereof shall be charged to the Contractor. Contractor shall ensure that neither it, its Subcontractors, nor their employees or agents bring any hazardous materials or other materials/waste regulated by state, federal or local law, which are not commonly used in the construction process or which are not listed in any Specifications for the Project onto the Project site without first obtaining the County's advance written approval. Contractor agrees to ensure that any hazardous materials/waste or other materials/waste regulated by state, federal or local law that Contractor/its Subcontractors or their employees or agents, bring onto or generate at the Project Site are handled in accordance with all applicable laws.
- C. The Contractor shall pay all required material disposal fees and shall dispose of all materials in accordance with all applicable laws and regulations. The Contractor shall be responsible for all costs associated with improper disposal of materials, including any clean-up costs, fines or penalties, whether levied against the Contractor or the County.
- D. In addition to removing rubbish on a periodic basis and leaving the building broom clean, the Contractor shall clean all dirt and glass; replace broken glass; remove stains, paint spots, and dirt from all Work; clean and polish all plumbing fixtures and equipment; and remove all temporary protection items. To the maximum extent reasonably possible, the Contractor shall keep the interior of the building free of combustible materials as the Work progresses.
- E. The Contractor shall maintain and keep clean at all times the immediate approach to the Project site, including the roads abutting the Project site.

GR-38. BARRICADES

- A. Contractor shall provide barricades and protective barriers around excavations, so that the public is adequately warned of such hazards. Lanterns shall remain lighted from sundown to sunrise and at all other times when the labor forces are not on the job site.
- B. Delivery of construction materials and equipment shall be only to locations approved by the County.

GR-39. NO THIRD-PARTY BENEFICIARY

Except as expressly and specifically set forth herein, this Contract shall not be deemed to provide any third-party with any remedy, claim, right of action, or other right.

GR-40. SEVERABILITY

If any provision of this Contract or the application thereof to any person or circumstance shall to any extent be held invalid, then the remainder of this Contract or the application of such provision to persons or circumstances, other than those as to which it is held invalid, shall not be affected thereby, and each provision of this Contract shall be valid and enforced to the fullest extent permitted by law.

GR-41. INTERPRETATION

The laws of the State of Georgia shall govern the construction of this Contract without regard for conflicts of laws. Should any provision of this Contract require judicial interpretation, it is agreed that the court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against one party, by reason of the rule of construction, that a document is to be construed more strictly against the party who itself or through its agent prepared same; it being agreed that the agents of all parties have participated in the preparation hereof, and all parties have had an adequate opportunity to consult with legal counsel. In interpreting this Contract in its entirety, the printed provisions of this Contract, and any additions written or typed hereon, shall be given equal weight, and there shall be no inference by operation of law or otherwise; that any provision of this Contract shall be construed against either party hereto.

GR-42. PRIOR CONTRACTS; CONFLICT IN DOCUMENTS

The Contractor may in no case claim a waiver of any specification requirements on the basis of previous approval of material or workmanship on other jobs of like nature or on the basis of what might be considered "standard" for material or workmanship in any particular location. The Contract for this Project shall govern the Work. If any portion of the Contract shall be in conflict with any other portion, the various documents comprising the Contract shall govern in the following order of precedence: Contract, Change Orders or modifications issued after execution of the Contract; the General Requirements of the Contract; the Specifications; the Drawings, as between schedules and information given on the Drawings, the schedules shall govern; as between figures given on Drawings and the scaled measurements, the figures shall govern; as between large-scale Drawings and small-scale Drawings, the larger scale shall govern; and detailed Drawings shall govern over general Drawings; and the Bid Document Package.

GR-43. ENTIRE AGREEMENT

This Contract constitutes the sole contract between the County and the Contractor. The terms, conditions, and requirements of this Contract may not be modified, except by Change Order or Field Order. No verbal agreement or conversation with any officer, agent, or employee of the County, either before or after the execution of the Contract, shall affect or modify any of the terms or obligations herein contained. No representations, oral or written, shall be binding on the parties

unless expressly incorporated herein. No Change Order or Field Order shall be enforceable unless approved by official action of the County as provided by law or in this Contract.

GR-44. COUNTERPARTS

This Contract may be executed in several counterparts, each of which shall be deemed an original, and all such counterparts together shall constitute one and the same Contract.

GR-45. VENUE

The courts of DeKalb County, Georgia shall have exclusive jurisdiction to try disputes arising under or by virtue of this Contract.

GR-46. RIGHT TO AUDIT

The County shall have the right to audit all books and records, including electronic records, relating or pertaining to this contract or agreement, including but not limited to all financial and performance related records, property, and equipment purchased in whole or in part with County funds and any documents or materials which support those records, kept under the control of the Contractor, including but not limited to those kept by the Contractor's employees, agents, assigns, successors and subcontractors. The County also has the right to communicate with Contractor's employees related to the audited records.

The Contractor shall maintain such books and records, together with such supporting or underlying documents and materials, for the duration of this contract and for seven (7) years after termination or expiration, including any and all renewals thereof. The books and records, together with supporting documents and materials shall be made available, upon request to the County or its designee, during normal business hours at the Contractor's office or place of business. In the event that no such location is available, then the books, records, and supporting documents shall be made available for audit at a time and location which is convenient for the County.

ATTACHMENT B

Contractor Affidavit under O.C.G.A. §13-10-91

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 DEKALB COUNTY 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 Term 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. 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 _____, 20__ in _____(city), _____(state).

By: _____
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: _____

ATTACHMENT C

Subcontractor Affidavit under O.C.G.A. § 13-10-91

By executing this affidavit, the undersigned Subcontractor 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 under a contract with _____ (insert name of Contractor) on behalf of DEKALB COUNTY, GEORGIA 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 Subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the Subcontractor with the information required by O.C.G.A. § 13-10-91. Additionally, the undersigned Subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the Contractor within five business days of receipt. If the undersigned Subcontractor receives notice that a sub-subcontractor has received an affidavit from any other contracted sub-subcontractor, the undersigned Subcontractor must forward, within five business days of receipt, a copy of the notice to the Contractor. Subcontractor 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 Subcontractor

Name of Project

Name of Public Employer

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

Executed on _____, 20__ in _____ (city), _____ (state).

By: _____

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:

ATTACHMENT D

Sub-subcontractor Affidavit under O.C.G.A. § 13-10-91

By executing this affidavit, the undersigned sub-subcontractor 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 under a contract for _____ (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract) and _____ (name of Contractor) on behalf of DEKALB COUNTY, GEORGIA 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 sub-subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned sub-subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the sub-subcontractor with the information required by O.C.G.A. § 13-10-91(b). The undersigned sub-subcontractor shall submit, at the time of such contract, this affidavit to _____ (name of Subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract). Additionally, the undersigned sub-subcontractor will forward notice of the receipt of any affidavit from a sub-subcontractor to _____ (name of Subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract). Sub-subcontractor 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 Sub-subcontractor

Name of Project

Name of Public Employer

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

Executed on _____, 20__ in _____(city), _____(state).

By: _____

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: _____

ATTACHMENT E

**DEKALB COUNTY, GEORGIA
CERTIFICATE OF CORPORATE AUTHORITY
(Choose Applicable Certificate)**

I, _____, certify that I am Secretary of the corporation named as Contractor herein, same being organized and incorporated to do business under the laws of the State of _____; that _____, who executed this Contract on behalf of the Contractor was, then and there, _____; and that said Contract was duly signed by said officer for and in behalf of said corporation, pursuant to the authority of its governing body and within the scope of its corporate powers.

I further certify that the names and addresses of the owners of all the outstanding stock of said corporation as of this date are as follows:

This _____ day of _____, 20____.

Secretary (Corporate Seal)

ATTACHMENT E

DEKALB COUNTY, GEORGIA
CERTIFICATE OF AUTHORITY – JOINT VENTURE
(Separate Certificate to be submitted by each joint venture partner)

I, _____, ⁽¹⁾ certify that

5. I am the _____ ⁽²⁾ of _____, ⁽³⁾ (hereinafter “Venturer”);

6. Venturer is a partner and participant in the joint venture named as Contractor in that certain Contract for Construction dated _____ with DeKalb County, issued pursuant to Invitation to Bid or Request for Proposal No. _____;

7. Venturer is organized and incorporated to do business under the laws of the State of _____;

8. _____, who executed this Contract on behalf of the Contractor was, then and there, _____; and

9. Said Contract was duly signed by said officer for and in behalf of said Venturer and the Contractor pursuant to the authority of the governing body of each and within the scope of its corporate powers.

10. I further certify that the names and addresses of the owners of all the outstanding stock or ownership interest in Venturer as of this date are as follows:

This _____ day of _____, 20____.

INSTRUCTIONS:

1. Name of secretary (if Venturer is a corporation), or Manager or CEO (if Venturer is a LLP) of Venturer.
2. Title of person executing Certification.
3. Name of joint venture partner.

MAKE COPIES OF THIS FORM AND SUBMIT A SEPARATE FORM FOR EACH JOINT VENTURE PARTNER.

ATTACHMENT F
(Consisting of 3 pages)
PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS that _____ [Insert name of contractor] (hereinafter called the “Principal”) and _____ [Insert name of surety] (hereinafter called the “Surety”), are held and firmly bound unto _____ County (hereinafter called the “County”) and their successors and assigns, in the penal sum of _____ Dollars (\$ _____), lawful money of the United States of America, for the payment of which the Principal and the Surety bind themselves, their administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered, or is about to enter, into a certain written contract with the County, awarded by the DeKalb County Governing Authority on _____, which is incorporated herein by reference in its entirety (hereinafter called the “Contract”), for the _____ [insert Name of the Project], more particularly described in the Contract (hereinafter called the “Project”); and

NOW, THEREFORE, the conditions of this obligation are as follows, that if the Principal shall fully and completely perform all the undertakings, covenants, terms, conditions, warranties, and guarantees contained in the Contract, including all change orders, modifications, amendments, changes, deletions, additions, and alterations thereto that may hereafter be made, then this obligation shall be void; otherwise, it shall remain in full force and effect.

Whenever the Principal shall be, and declared by the County to be, in default under the Contract, the Surety shall promptly remedy the default as follows:

1. Complete the Contract in accordance with the terms and conditions; or
2. Obtain a Bid or Bids for completing the Contract in accordance with its terms and conditions, and upon determination by the Surety and the County of the lowest responsible bidder, arrange for a contract between such bidder and County and make available as the work progresses (even though there should be a default or succession of defaults under the Contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the penal sum set forth in the first paragraph hereof, as may be adjusted, and the Surety shall make available and pay to the County the funds required by this Paragraph prior to the payment of the County of the balance of the contract price, or any portion thereof. The term “balance of the contract price,” as used in this paragraph, shall mean the total amount payable by the County to the Contractor under the Contract, and any amendments thereto, less the amount paid by the County to the Contractor; or, at the option of the County; or
3. Allow County to complete the work and reimburse the County for all reasonable costs incurred in completing the work.

In addition to performing as required in the above paragraphs, the Surety shall indemnify and hold harmless the County from any and all losses, liability and damages, claims, judgments, liens, costs, and fees of every description, including reasonable attorney's fees, litigation costs and expert witness fees, which the County may incur, sustain, or suffer by reason of the failure or default on the part of the Principal in the performance of any or all of the terms, provisions, and requirements of the Contract, including any and all amendments and modifications thereto, or incurred by the County in making good any such failure to performance on the part of the Principal.

The Surety shall commence performance of its obligations and undertakings under this Bond promptly and without delay, after written notice from the County to the Surety.

The Surety hereby waives notice of any and all modifications, omissions, additions, changes, alterations, extensions of time, changes in payment terms, and any other amendments in or about the Contract, and agrees that the obligations undertaken by this bond shall not be impaired in any manner by reason of any such modifications, omissions, additions, changes, alterations, extensions of time, change in payment terms, and amendments.

The Surety hereby agrees that this Bond shall be deemed amended automatically and immediately, without formal or separate amendments hereto, upon any amendment to the Contract, so as to bind the Principal and Surety to the full and faithful performance of the Contract as so amended or modified, and so as to increase the penal sum to the adjusted Contract Price of the Contract.

The Surety's obligations under this bond include all of the Contractor's duties under the Contract, including without limitation its maintenance and guarantee obligations.

No right of action shall accrue on this bond to or for the use of any person, entity, or corporation other than the County and any other obligee named herein, or their executors, administrators, successors or assigns.

This Bond is intended to comply with O.C.G.A. §36-91-70, and shall be interpreted so as to comply with the minimum requirements thereof. However, in the event the express language of this Bond extends protection to the County beyond that contemplated by O.C.G.A. §36-91-70, or any other statutory law applicable to this Project, then the additional protection shall be enforced in favor of the County, whether or not such protection is found in the applicable statutes.

If any one or more of the provisions of this Bond are determined to be illegal or unenforceable by a court of competent jurisdiction, all other provisions shall remain effective.

IN WITNESS WHEREOF the undersigned have caused this instrument to be executed and their respective corporate seals to be affixed and attested by their duly authorized representatives this ____ day of _____, 20__.

PRINCIPAL

By: _____ (SEAL)
Signature of Principal

Print Name and Title of Authorized Signer

Print Name of Principal Business

ATTEST:

Corporate Secretary

SURETY

By: _____ (SEAL)
Signature of Surety (by Power of Attorney)

Print Name and Title of Authorized Signer

Print Name of Surety Business

WITNESS:

[Attach Original Power of Attorney]

ATTACHMENT G
(Consisting of 2 pages)
PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS that _____ [Insert name of contractor] (hereinafter called the “Principal”) and _____ [Insert name of surety] (hereinafter called the “Surety”), are held and firmly bound unto _____ County, (hereinafter called the “County”), its successors and assigns as obligee, in the penal sum of [Insert contract amount], lawful money of the United States of America, for the payment of which the Principal and the Surety bind themselves, their administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered, or is about to enter, into a certain written contract with the County, awarded by the DeKalb County Governing Authority on _____ [insert date of award] which is incorporated herein by reference in its entirety (hereinafter called the “Contract”), for the construction of a project known as [insert name of project], as more particularly described in the Contract (hereinafter called the “Project”);

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall promptly make payment to all persons working on or supplying labor or materials under the Contract, and any amendments thereto, with regard to labor or materials furnished and used in the Project, and with regard to labor or materials furnished but not so used, then this obligation shall be void; but otherwise it shall remain in full force and effect.

4. A “Claimant” shall be defined herein as any Subcontractor, person, party, partnership, corporation or other entity furnishing labor, services, or materials used, or reasonably required for use, in the performance of the Contract, without regard to whether such labor, services, or materials were sold, leased, or rented, and without regard to whether such Claimant is or is not in privity of contract with the Principal or any Subcontractor performing work on the Project, including, but not limited to, the following labor, services, or materials: water, gas, power, light, heat, oil, gasoline, telephone service, or rental of equipment directly applicable to the Contract.
5. In the event a Claimant files a claim against the County, or the property of the County, and the Principal fails or refuses to satisfy or discharge it promptly, the Surety shall satisfy or discharge the claim promptly upon written notice from the County, either by bond or as otherwise provided in the Contract.
6. The Surety hereby waives notice of any and all modifications, omissions, additions, changes, alterations, extensions of time, changes in payment terms, and any other amendments in or about the Contract and agrees that the obligations undertaken by this bond shall not be impaired in any manner by reason of any such modifications, omissions, additions, changes, alternations, extensions of time, changes in payment terms, and amendments.
7. The Surety hereby agrees that this Bond shall be deemed amended automatically and immediately, without formal or separate amendments hereto, upon any amendment or modification to the Contract, so as to bind the Principal and Surety, jointly and severally, to the full payment of any Claimant under the Contract, as amended or modified, provided only that the Surety shall not be liable for more than the penal sum of the Bond, as specified in the first paragraph hereof.

8. This Bond is made for the use and benefit of all persons, firms, and corporations who or which may furnish any materials or perform any labor for or on account of the construction to be performed or supplied under the Contract, and any amendments thereto, and they and each of them may sue hereon.
9. No action may be maintained on this Bond after one (1) year from the date the last services, labor, or materials were provided under the Contract by the Claimant prosecuting said action.
10. This Bond is intended to comply with O.C.G.A. §36-91-90, and shall be interpreted so as to comply with the minimum requirements thereof. However, in the event the express language of this Bond extends protection to the County beyond that contemplated by O.C.G.A. §36-91-90, or any other statutory law applicable to this Project, then the additional protection shall be enforced in favor of the County, whether or not such protection is found in the applicable statutes.

IN WITNESS WHEREOF, the Principal and Surety have hereunto affixed their corporate seals and caused this obligation to be signed by their duly authorized representatives this ____ day of _____, 20____.

PRINCIPAL

By: _____ (SEAL)
Signature of Principal

Print Name and Title of Authorized Signer

Print Name of Principal Business

ATTEST:

Corporate Secretary

SURETY

By: _____ (SEAL)
Signature of Surety (by Power of Attorney)

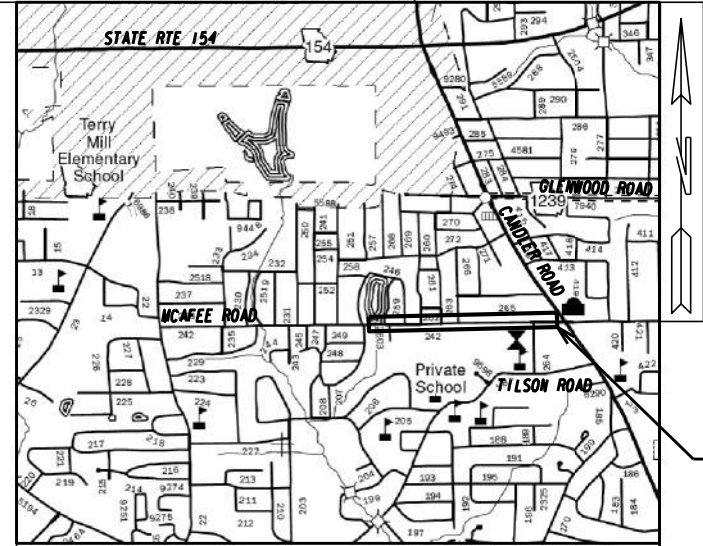
Print Name and Title of Authorized Signer

Print Name of Surety Business

WITNESS:

[Attach Original Power of Attorney]

EXHIBIT 2
TECHNICAL SPECIFICATIONS WITH DRAWINGS
(FOLLOW PAGES)



DEPARTMENT OF TRANSPORTATION

DEKALB COUNTY

PLAN AND PROFILE OF PROPOSED

SIDEWALK AT MCAFEE ROAD

DEKALB COUNTY

NOTES :

ALL REFERENCES IN THIS DOCUMENT,WHICH INCLUDES ALL PAPERS,WRITINGS, DOCUMENTS,DRAWINGS,OR PHOTOGRAPHS USED,OR TO BE USED IN CONNECTION WITH THIS DOCUMENT,TO "STATE HIGHWAY DEPARTMENT OF GEORGIA,""STATE HIGHWAY DEPARTMENT,"GEORGIA STATE HIGHWAY DEPARTMENT,""HIGHWAY DEPARTMENT,"OR "DEPARTMENT "WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA,AND SHALL BE DEEMED TO MEAN THE DEKALB COUNTY TRANSPORTATION DEPARTMENT.

PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS,2013 EDITION,AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND AS MODIFIED BY CONTRACT DOCUMENTS.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH TITLE II PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

THIS PROJECT CONTAINS POST CONSTRUCTION BMP'S.

FEDERAL ROUTE No.: N/A
STATE ROUTE No.: N/A
P.I. No.: N/A

DESIGN DATA:

TRAFFIC A.D.T.: N/A
TRAFFIC A.D.T.: N/A
TRAFFIC D.H.V.: N/A
TRAFFIC D.H.V.: N/A
DIRECTIONAL DIST:N/A
% TRUCKS: N/A
24 HR.TRUCKS %: N/A
SPEED DESIGN: 35 MPH

BEGIN PROJECT
BEGIN CONSTRUCTION

MCAFEE ROAD
STA. 101+17.00
N 1357560.6448
E 2257516.4592

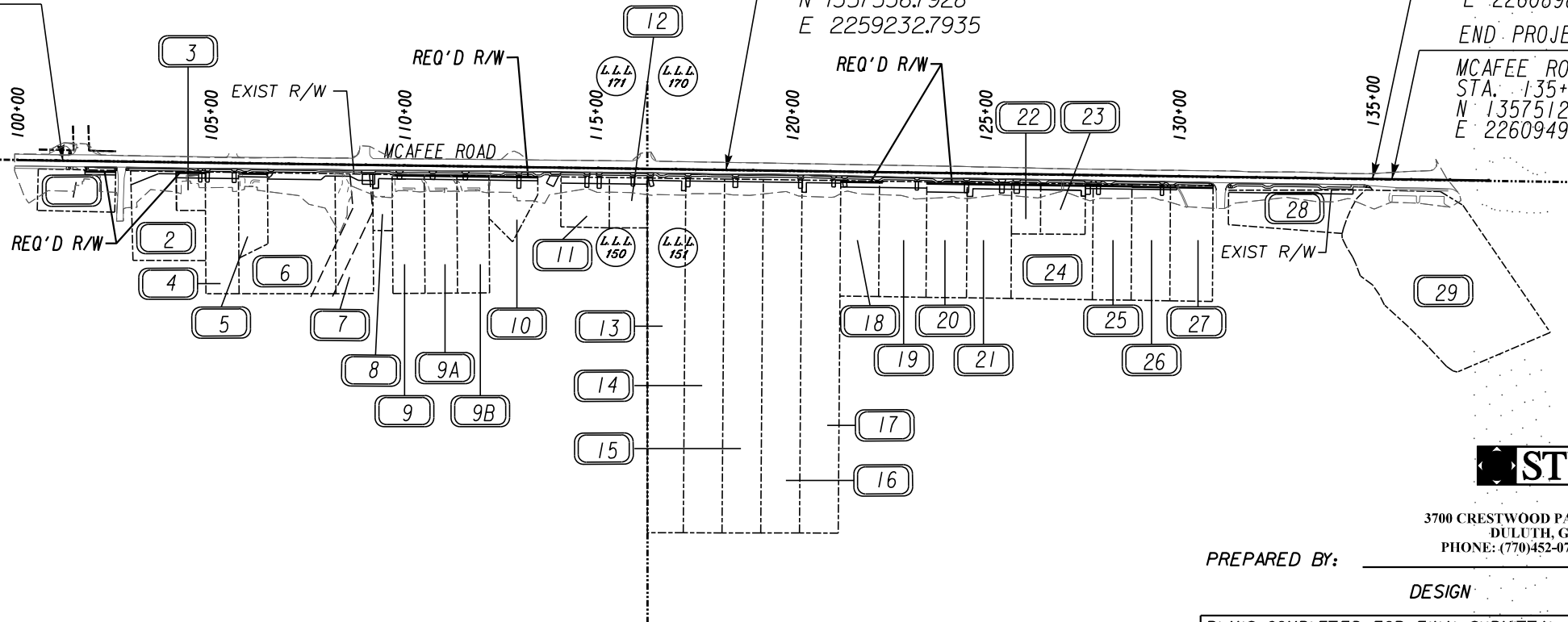
PROJECT MIDPOINT
MCAFEE ROAD
STA.118+33.50
N 1357536.7928
E 2259232.7935

END CONSTRUCTION

MCAFEE ROAD
STA. 134+99.85
N 1357513.6378
E 2260898.9826

END PROJECT

MCAFEE ROAD
STA. 135+50.00
N 1357512.9409
E 2260949.1278



LOCATION & DESIGN
APPROVAL DATE: N/A

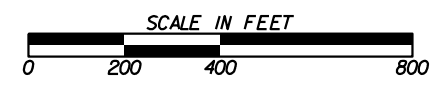
FUNCTIONAL CLASS:
URBAN COLLECTOR ROAD

THIS PROJECT IS 100% IN
DEKALB COUNTY AND IS
100% IN CONG.DIST.NO.5.

PROJECT DESIGNATION: EXEMPT

THIS PROJECT HAS BEEN PREPARED
USING THE HORIZONTAL GEORGIA
COORDINATE SYSTEM OF 1984 (NAD
1983)/94 WEST ZONE,AND THE NORTH
AMERICAN VERTICAL DATUM (NAVD)
OF 1988.

THE DATA,TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY
INDICATED THEREBY,WHETHER BY DRAWINGS OR NOTES,OR IN ANY OTHER MANNER,ARE BASED UPON
FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS,HOWEVER,THE
SAME ARE SHOWN AS INFORMATION ONLY,ARE NOT GUARANTEED,AND DO NOT BIND THE DEPARTMENT
OF TRANSPORTATION IN ANY WAY.THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO
SUBSECTIONS 102.04,102.05,AND 104.03 OF THE SPECIFICATIONS.



LENGTH OF PROJECT	DEKALB COUNTY COUNTY No.089
	MILES
NET LENGTH OF ROADWAY	0.6502
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF PROJECT	0.6502
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	0.6502

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

PREPARED BY: _____

DESIGN _____

PLANS COMPLETED FOR FINAL SUBMITTAL	
REVISIONS	

[illegible]

02-0001

[illegible]

GENERAL NOTES

1.

ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON HIGHWAY PLANS AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON HIGHWAY PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY UNDER THIS REQUIREMENT. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE HIGHWAY PROJECT IN ITS ORIGINAL, RELOCATED, OR NEWLY INSTALLED POSITION. ALL UTILITY FACILITIES, WHICH ARE IN CONFLICT WITH CONSTRUCTION AND ARE NOT COVERED AS SPECIFIC ITEMS IN THE DETAILED ESTIMATE ARE TO BE REMOVED OR RELOCATED TO CLEAR CONSTRUCTION IN ADVANCE OF HIS WORK.
2.

ALL DRIVEWAYS, WHERE ACCESS IS ALLOWED, SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF DEKALB COUNTY RIGHTS-OF-WAY. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE REPLACED IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT FOR EARTH. THE DRIVEWAY LOCATIONS INDICATED ON THE PLANS ARE FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER PRIOR TO MAKING ANY REVISIONS SUCH AS TO LOCATION, WIDTH AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. WHERE REQUIRED THE DRIVES SHALL BE PAVED AS FOLLOWS:

ASPHALTIC DRIVES

RESIDENTIAL

COMMERCIAL

CONCRETE DRIVES

RESIDENTIAL

COMMERCIAL
3.

AT LOCATIONS WHERE NEW PAVEMENT IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY OR WHERE CURBING IS TO BE PLACED ACROSS A PAVED AREA, A JOINT SHALL BE SAWS ON A LINE ESTABLISHED BY THE ENGINEER TO ENSURE PAVEMENT REMOVAL TO A NEAT LINE. THE COST FOR SAWS JOINTS, WHEN REQUIRED, SHALL BE INCLUDED IN PRICE BID FOR OTHER CONTRACT ITEMS, EXCEPT WHEN SAWING CONCRETE PAVEMENT.
4.

ALL EXISTING BUILDING OVERHANGS / AWNINGS WITHIN PROJECT CORRIDOR TO REMAIN UNDISTURBED.
5.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND DRIVEWAYS WITHIN THE PROJECT AREA. ANY TEMPORARY CLOSURE OF ACCESS PROPOSED AT ANY TIME SHALL BE APPROVED BY DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS PRIOR TO CLOSURE.
6.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE MUTCD AND GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS, DETAILS, AND SPECIFICATIONS.
7.

UTILITY WORK COORDINATION WILL BE REQUIRED AS PART OF THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER, 811, FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.06 OF THE GADOT STANDARD SPECIFICATIONS, "COOPERATION WITH UTILITIES".
8.

STRUCTURES, TREES, SHRUBS, AND OTHER PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION, SHALL NOT BE DISTURBED UNLESS OTHERWISE NOTED ON THE PLANS.
9.

ANY SAW CUTTING OF EXISTING ASPHALTIC CONCRETE PAVEMENT TO BE IN ACCORDANCE TO SECTION 411. COST TO BE INCLUDED IN PRICE FOR GRADING COMPLETE.
10.

EXISTING SIGNS IN CONFLICT WITH CONSTRUCTION THAT ARE NOT SHOWN IN THE PLANS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. COST TO BE INCLUDED IN PRICE FOR GRADING COMPLETE.
11.

ALL EXISTING CONCRETE SIDEWALK TO REMAIN MUST BE PRESSURE WASHED AND ALL WEEDS ARE TO BE REMOVED. COST TO BE INCLUDED IN PRICE FOR GRADING COMPLETE.
12.

THE FOLLOWING UTILITIES HAVE FACILITIES IN THE PROJECT AREA:
13.

JOINT SEALER WILL NEED TO BE PLACED IN AREAS WHERE THE SIDEWALK IS ABUTTING A BUILDING FACE OR OTHER FIXED OBJECT. COST TO BE INCLUDED IN PRICE FOR CONCRETE SIDEWALK.

14.

ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.

15.

THERE IS NO KNOWN SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.

16.

THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARING A TRAFFIC CONTROL PLAN SHOWING THE PROPOSED MEASURES TO MANAGE TRAFFIC DURING CONSTRUCTION ACTIVITIES. THE PLANS SHALL CONFORM TO THE MOST CURRENT VERSION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND GEORGIA DOT SPECIFICATION 150. ANY LANE CLOSURES MUST BE APPROVED BY AND COORDINATED WITH THE DEKALB COUNTY TRANSPORTATION DEPARTMENT ENGINEER. LANE CLOSURES WILL REQUIRE PROPER LANE TAPERS AND ADVANCE WARNINGS PER GEORGIA DOT STANDARDS.

17.

ALL WHEEL CHAIR RAMPS AND SIDEWALK WITHIN THE INTERSECTION RADII ARE TO BE CONSTRUCTED USING 8 INCH CONCRETE. THE COST FOR ADA RAMPS SHALL BE INCLUDED IN THE PRICE BID FOR 8 INCH CONCRETE SIDEWALK.

18.

ALL EXISTING DRAINAGE WILL REMAIN IN PLACE UNLESS OTHERWISE INDICATED IN THE PLANS.

19.

UTILITY LOCATION WAS PERFORMED BY UTILITY OWNER MARKUPS.

20.

ANY DAMAGE TO EXISTING LOOP DETECTORS SHALL BE REPAIRED IN ACCORDANCE WITH SPECIAL PROVISION 150.6 AND PAID FOR UNDER GRADING COMPLETE.

21.

THE CONTRACTOR SHALL ENSURE THAT ALL MAILBOXES THAT MUST BE TEMPORARILY RELOCATED IN ORDER TO CONSTRUCT THE PROJECT ARE TEMPORARILY INSTALLED DURING CONSTRUCTION IN ADHERENCE WITH LOCAL POST OFFICE CODES/STANDARDS AND ARE REINSTALLED IN THEIR EXISTING LOCATIONS AFTER CONSTRUCTION CONCLUDES. THE CONTRACTOR SHALL ENSURE THAT ALL MAILBOXES THAT MUST BE PERMANENTLY REPLACED IN ORDER TO CONSTRUCT THE PROJECT ARE PERMANENTLY REINSTALLED AFTER CONSTRUCTION IN ADHERENCE WITH LOCAL POST OFFICE CODES AND STANDARDS. THE CONTRACTOR SHALL CONTACT ANY PROPERTY OWNER WHOSE EXISTING MAILBOX IS PROPOSED TO BE REMOVED AND REPLACED WITH A PROPERTY OWNER PURCHASED MAILBOX IN ORDER TO RETRIEVE THE NEW MAILBOX FOR INSTALLATION. ALL WORK DONE TO REMOVE, TEMPORARILY INSTALL, AND/OR PERMANENTLY INSTALL MAILBOXES SHALL BE INCLUDED IN LUMP SUM PRICE FOR GRADING COMPLETE.
- | UTILITY OWNER | SERVICE |
|--|-----------------|
| GEORGIA POWER COMPANY (DISTRIBUTION)
GEORGIA POWER COMPANY (TRANSMISSION) | ELECTRICAL |
| ATLANTA GAS LIGHT COMPANY | GAS |
| DEKALB COUNTY DEPT. OF WATERSHED MANAGEMENT* | SEWER |
| DEKALB COUNTY DEPT. OF WATERSHED MANAGEMENT* | WATER |
| DEKALB COUNTY TRAFFIC | TRAFFIC SIGNALS |
| ATT | TELEPHONE |
| N/A | RAILROAD |
| COMCAST | CABLE TV |
| ZAYO | OTHER |
- *DWM CONTACT: GREGORY MOORE (PLANNING INSPECTOR SUPERVISOR)
GMOORE@DEKALBCOUNTYGA.GOV
-
- Know what's below.
Call before you dig.
- 7/31/2015

GPLN
- DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171
- | REVISION DATES | | | GENERAL NOTES
MCAFEE ROAD | | | |
|----------------|--|--|------------------------------|--|-------|-------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | CHECKED: | | DATE: | DRAWING No. |
| | | | BACKCHECKED: | | DATE: | 04-0001 |
| | | | CORRECTED: | | DATE: | |
| | | | VERIFIED: | | DATE: | |

GENERAL NOTES - STANDARD SIGNS

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.

2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.

3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY. IF THE SIDEWALK IS PROPOSED OR EXISTING, THE SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE SIDEWALK.

4a. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON INTERSTATE HIGHWAYS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON RAMPS SHALL BE 2 FEET FROM THE NORMAL EDGE OF PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.

4b. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).

4c. WHEN GUARDRAIL IS PRESENT OR BEING PROPOSED, SIGNS SHALL BE POSTED AN AN UNSTIPULATED DISTANCE BEHIND GUARDRAIL.

5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1*2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3*8 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.

6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1*2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.

8. TYPE 9 (HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.

9. TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A, R5-1B).

10. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.

11. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGN. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.

12. A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.

13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 1/2 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.

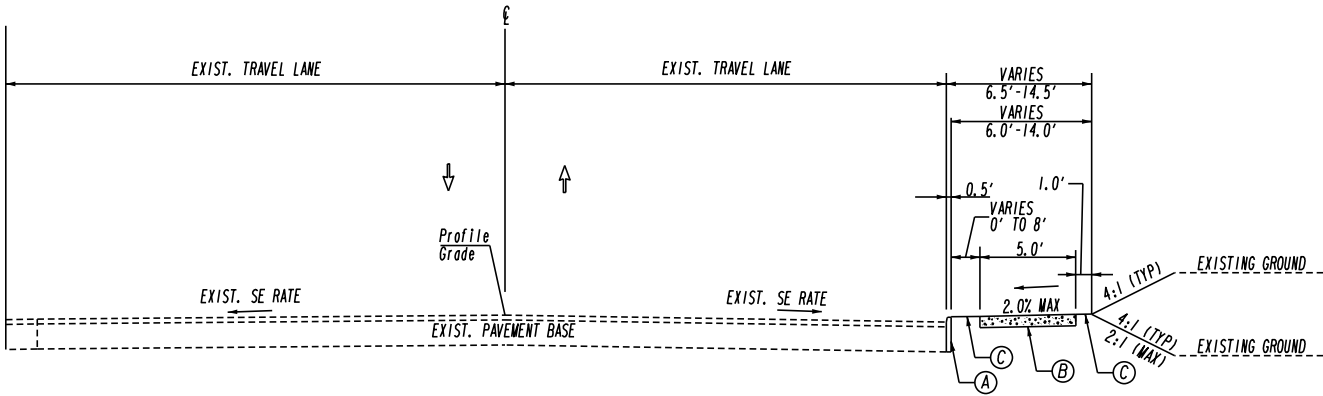
14. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4 INCH SERIES 'D' LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.

15. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.

16. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.

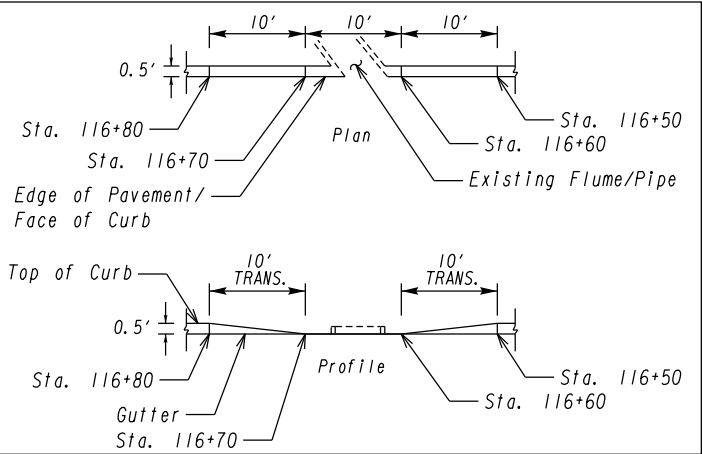
17. THE CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.





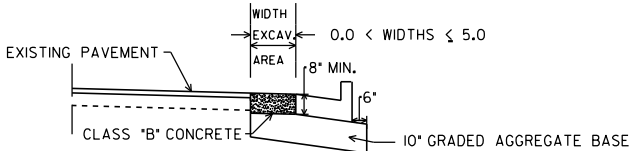
MCAFEE ROAD
SIDEWALK CONSTRUCTION
STA. 101+73.28 TO STA. 134+99.85

TAPER FOR TYPE 2 CURB & GUTTER
AT EXISTING FLUME/PIPE



PAVEMENT MATERIAL SCHEDULE

- (A) CONCRETE HEADER CURB, 6 IN., TP 2
- (B) CONCRETE SIDEWALK, 4 INCH
- (C) SOD
- (D) CONCRETE DRIVEWAY, 6 INCH



NOT TO SCALE
CLASS "B" CONCRETE BASE OR PAVEMENT WIDENING
Item Code 500-9999 - Cu. Yds.
In excavated areas between the existing paving and new curb and gutter that are 5'-0" or less in width, Class "B" concrete shall be placed in lieu of the base and paving specified by the typical section. Payment will be made under "Class B Concrete Base and Pavement Widening". See plans for details of curb and gutter construction.
CONTRACTOR TO DYE BLACK THE CLASS B CONCRETE PAVEMENT WIDENING AND PLACE FLUSH WITH THE EXISTING PAVEMENT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM No. 500-9999 - CLASS B CONCRETE, BASE OR PAVEMENT WIDENING.

PAVEMENT WIDENING DETAIL "1B"
NOT TO SCALE

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 years
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

NOT TO SCALE

REVISION DATES

TYPICAL SECTIONS
MCAFEE ROAD

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

05-0001

SUMMARY OF QUANTITIES

SUMMARY OF PAVEMENT QUANTITIES									
	GR AGGR BASE CRS, INCL MATL	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE II, BLEND 1, INCL BITUM MATL & H LIME	CONC SIDEWALK, 4 IN	CONC SIDEWALK, 8 IN	CONCRETE HEADER CURB, 6 IN, TP 2	CONC VALLEY GUTTER, 6 IN	DRIVEWAY CONCRETE, 6 IN TK	SAWED JOINT IN EXIST PAVEMENTS - PCC	BLACK DYED CLASS B CONC, BASE OR PVM'T WIDENING
	TN	TN	SY	SY	LF	SY	SY	LF	CY
McAfee Road/Driveways	47	11	1797	56	3307	280	656	734	1
Subtotal	47	11	1797	56	3307	280	656	734	1
As Directed By Engineer	1	0	54	2	99	8	20	22	0
Total	48	11	1851	58	3406	288	676	756	1

SUMMARY OF STRIPING QUANTITIES			
	THERMOPLASTIC PAVEMENT MARKING		
	SOLID STRIPE		
	WHITE	WHITE	WHITE
	5 INCH	8 INCH	24 INCH
	LIN. FT.	LIN. FT.	LIN. FT.
McAfee Road	3310	496	24
Total	3310	496	24

SUMMARY OF QUANTITIES - STANDARD SIGNS																
STATION	INSTL NO	HIGHWAY SIGNS										GALV STEEL POSTS, TP 9				REMOVE/ RESET SIGNS
		SIGN CODE	TP 1 MAT'L						Centroid	LENGTH (FEET)	QUANTITY					
			REFL SHEETING TP 9			REFL SHEETING TP 11										
			SIZE (INCHES)	QUANTITY	SQUARE FEET	SIZE (INCHES)	QUANTITY	SQUARE FEET				EACH				
101+10	1	R10-25					9 X 12	1	0.75							
		W11-2					30 X 30	2	12.50							
		W16-7P					24 X 12	2	4.00							
101+15	2	R10-25					9 X 12	1	0.75							
		W11-2					30 X 30	2	12.50							
		W16-7P					24 X 12	2	4.00							
102+83	3	R1-1					30 X 30	1	6.25	8.59	13.17	1	13.17			
102+83		SPECIAL SIGN												1		
105+40	4	SPECIAL SIGN								7.75	11.50	1	11.50	1		
106+30	5	R2-1	24 X 30	1	5.00					8.25	12.50	1	12.50			
108+05	6	SPECIAL SIGN								7.50	11.00	1	11.00	1		
108+65	7	SPECIAL SIGN								7.75	11.50	1	11.50	1		
112+40	8	SPECIAL SIGN								7.75	11.50	1	11.50	1		
113+35	9	S1-1					36 X 36	1	9.00	8.50	13.00	1	13.00			
115+60	10	SPECIAL SIGN								7.75	11.50	1	11.50	1		
126+50	11	R2-1	24 X 30	1	5.00					8.25	12.50	1	12.50			
130+70	12	SPECIAL SIGN								7.75	11.50	1	11.50	1		
131+26	13	R1-1					30 X 30	1	6.25	8.59	13.17	1	13.17			
131+26		SPECIAL SIGN												1		
Total						10.00			56.00				132.84	8		

SUMMARY OF GRASSING QUANTITIES							
	PERMANENT GRASSING	TEMPORARY GRASSING	SOD	MULCH	AGRICULTURAL LIME	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT
	AC	AC	SY	TN	TN	TN	LB
McAfee Road	0.32	0.16	1170	25.81	0.64	0.06	16
Total	0.32	0.16	1170	25.81	0.64	0.06	16

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS


3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

NOT TO SCALE

REVISION DATES

SUMMARY OF QUANTITIES
MCAFEE ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		06-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

SUMMARY OF QUANTITIES

RETAINING WALL, MORTAR RUBBLE MASONRY

LOCATION	CY
STA. 101+85.00 - STA. 102+55.00	21
Subtotal	21
As Directed By Engineer	2
Total	23

GALV STEEL PIPE HANDRAIL, 2 IN, ROUND

LOCATION	LF
STA. 101+85.00 - STA. 102+55.00	70
STA. 107+70.00 - STA. 108+70.00	100
STA. 134+40.00 - STA. 134+95.30	64
Subtotal	234
As Directed	12
Total	246

RIGHT OF WAY MARKERS

	EA
Total	26

GRADING COMPLETE

TOTAL =	LUMP SUM
---------	----------

TRAFFIC CONTROL

TOTAL =	LUMP SUM
---------	----------

TESTING - RECTANGULAR RAPID

TOTAL =	LUMP SUM
---------	----------

TRAINING - RECTANGULAR RAPID

TOTAL =	LUMP SUM
---------	----------

SUMMARY OF EROSION QUANTITIES

	TEMPORARY SILT FENCE - TYPE A	MAINTENANCE OF TEMPORARY SILT FENCE - TYPE A	CONSTRUCTION EXIT	MAINTENANCE OF CONSTRUCTION EXIT	EROSION CONTROL MATS, SLOPES	BARRIER FENCE (ORANGE), 4 FT	WATER QUALITY MONITORING AND SAMPLING	WATER QUALITY INSPECTIONS
	LF	LF	EA	EA	SY	LF	EA	MO
McAfee Road	3872	1936	1	1	235	590	2	12
Subtotal	3872	1936	1	1	235	590	2	12
As Directed By Engineer	116	58			7	18		
Total	3988	1994	1	1	242	608	2	12

RECTANGULAR RAPID FLASHING
BEACONS (RRFB)

	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY-DOUBLE SIDED RRFB, HIGH CAPACITY SOLAR POWERED
LOCATION	EA
MCAFEE ROAD	2
PROJECT TOTAL	2

SUMMARY OF
DRAINAGE QUANTITIES

STRUCTURE NUMBER		RECONSTR CATCH BASIN, GROUP 1
	LOCATION	EA
A-1	108+52 RT	1
B-1	134+76 RT	1
	PROJECT TOTAL	2

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS



3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

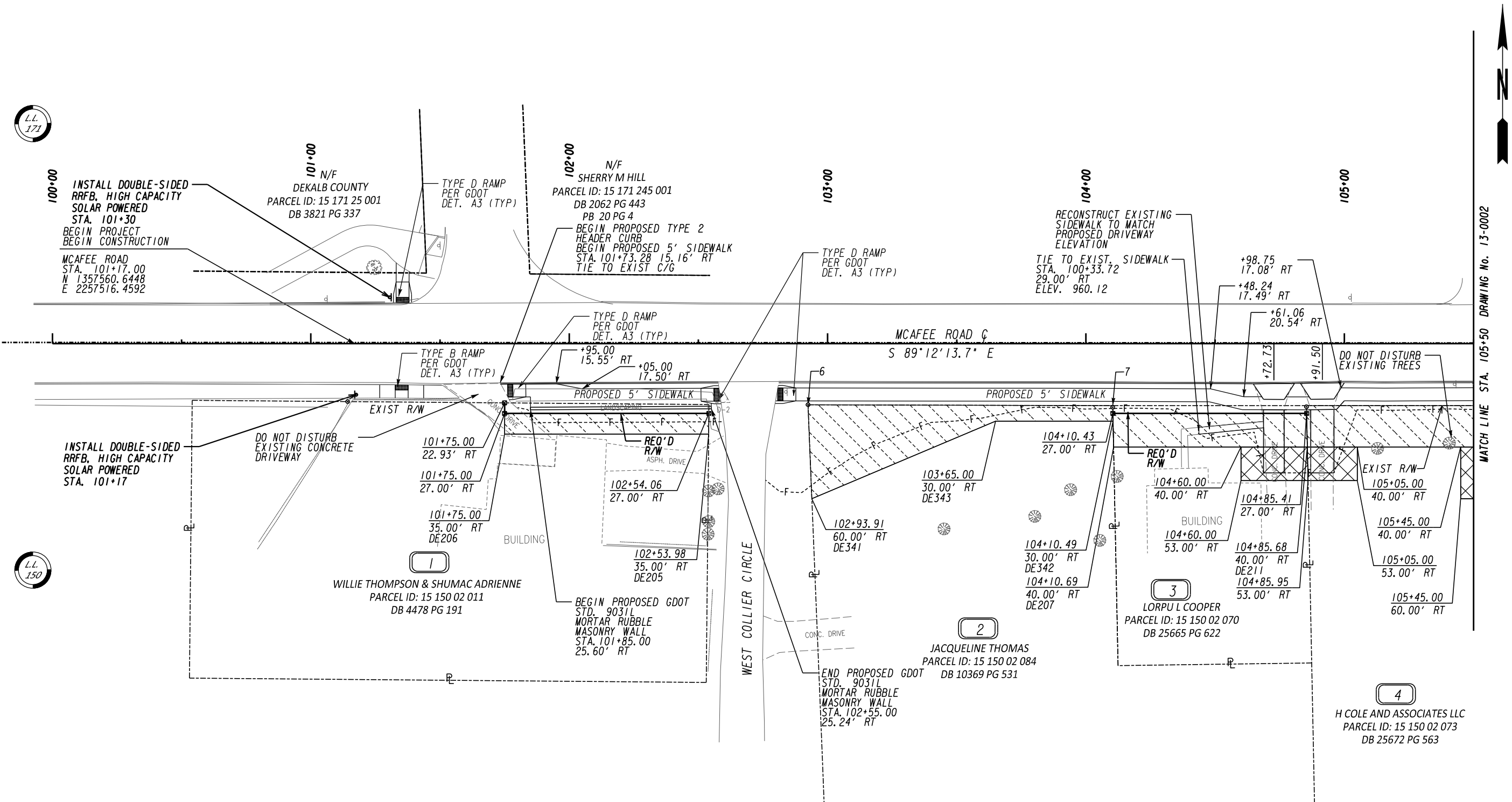
NOT TO SCALE

REVISION DATES

SUMMARY OF QUANTITIES
MCAFEE ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

06-0002



*NOTE: ALL PROPOSED DRIVEWAYS SHALL MATCH EXISTING WIDTHS.

CONTROL POINT	NORTH COORD.	EAST COORD.	ELEV	DESCRIPTION	STATION	OFFSET
D-2	1357537.377	2257658.806	949.07	*4RBRC	102+59.66	21.29 (RT)
G-101	1357540.658	2257448.345	942.35	MAGSPIKE	100+49.17	20.93 (RT)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

CONSTRUCTION PLAN
MCAFEE ROAD
STA. 100+00 TO 105+50

CHECKED: DATE: DRAWING No.

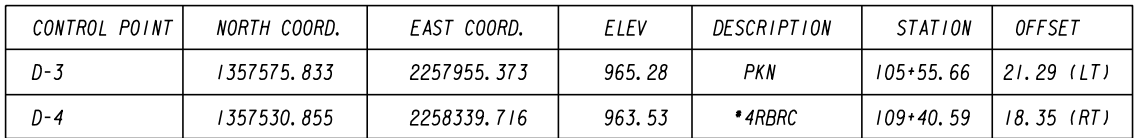
BACKCHECKED: DATE:

CORRECTED: DATE:

VERIFIED: DATE:

13-0001

4/28/2016 GPLN



CONTROL POINT	NORTH COORD.	EAST COORD.	ELEV	DESCRIPTION	STATION	OFFSET
D-3	1357575.833	2257955.373	965.28	PKN	105+55.66	21.29 (LT)
D-4	1357530.855	2258339.716	963.53	*4RBRC	109+40.59	18.35 (RT)

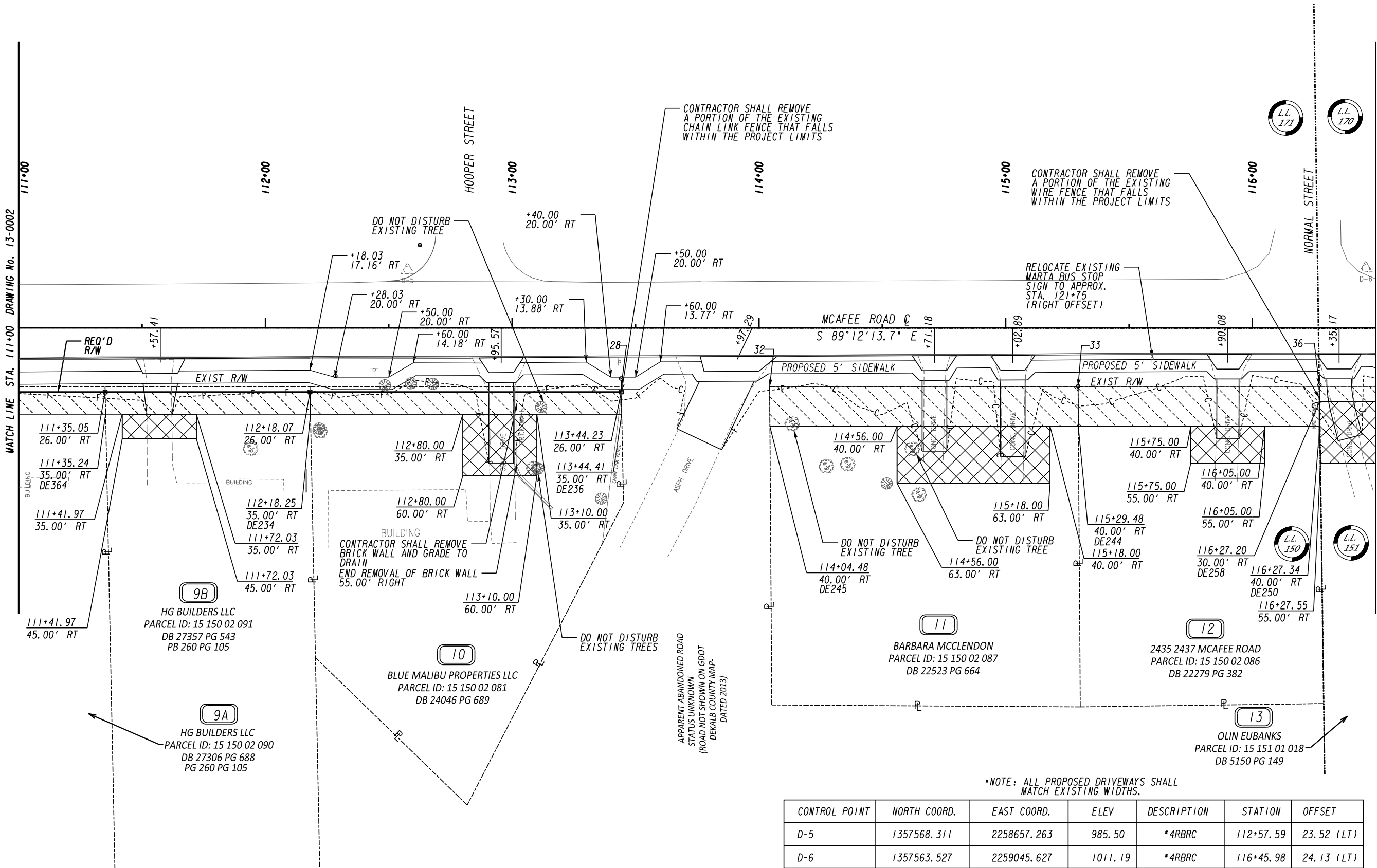
*NOTE: ALL PROPOSED DRIVEWAYS SHALL MATCH EXISTING WIDTHS.

CONSTRUCTION PLAN

MCAFEE ROAD

STA. 105+50 TO 111+00

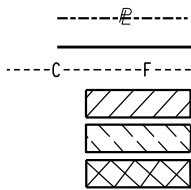
CHECKED:		DATE:		DRAWING No. 13-0002
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		



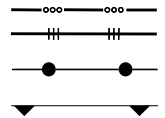
*NOTE: ALL PROPOSED DRIVEWAYS SHALL
MATCH EXISTING WIDTHS.

CONTROL POINT	NORTH COORD.	EAST COORD.	ELEV	DESCRIPTION	STATION	OFFSET
D-5	1357568.311	2258657.263	985.50	*4RBRC	112+57.59	23.52 (LT)
D-6	1357563.527	2259045.627	1011.19	*4RBRC	116+45.98	24.13 (LT)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



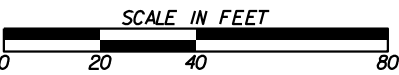
BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS



3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

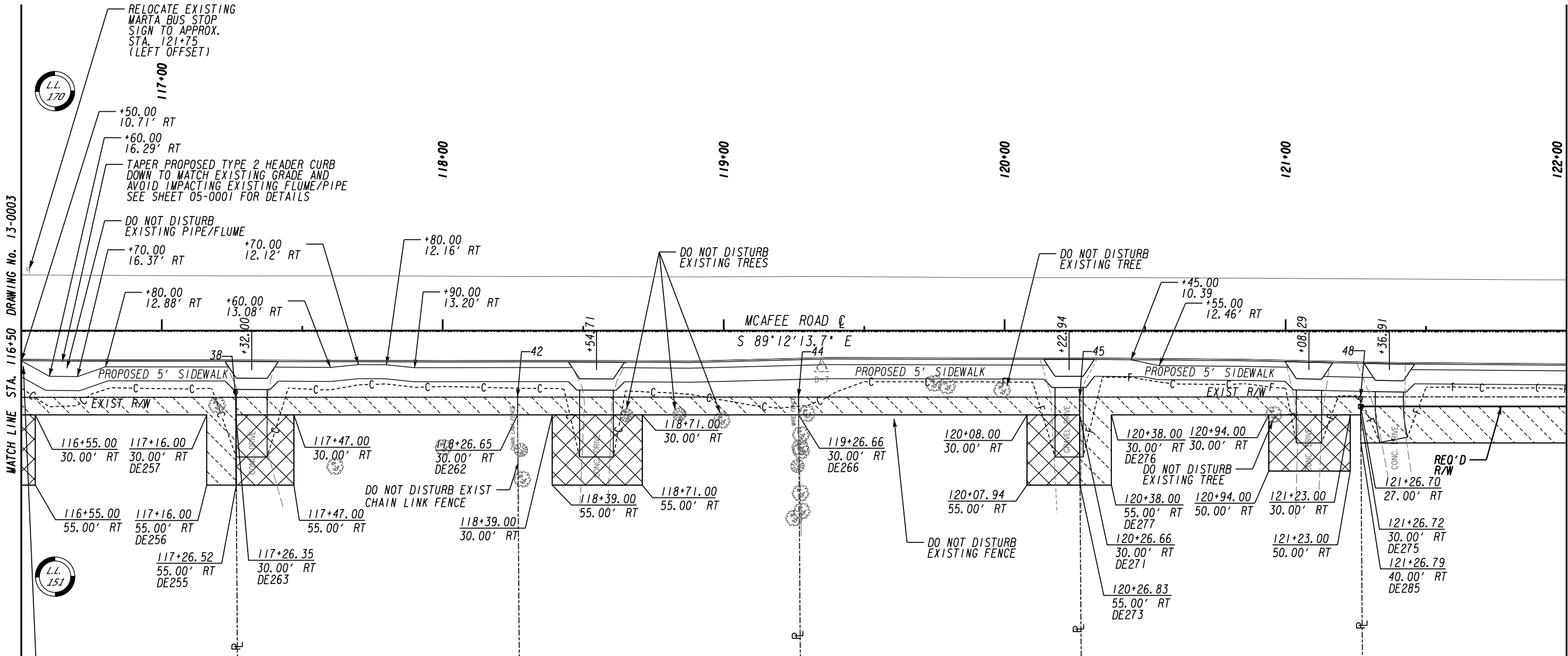


REVISION DATES

CONSTRUCTION PLAN

McAfee Road
Sta. 111+00 TO 116+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



13
OLIN EUBANKS
PARCEL ID: 15 151 01 018
DB 5150 PG 149

14
JD & MARY LOIS DANIELY
PARCEL ID: 15 151 01 017
DB 3199 PG 339

15
ELIZABETH H EDWARDS
PARCEL ID: 15 151 01 016
DB 7046 PG 415

16
LARRY TILLER
PARCEL ID: 15 151 01 015
DB 14285 PG 782

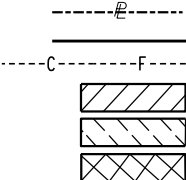
17
FRED A RAHEEM
PARCEL ID: 15 151 01 014
DB 7653 PG 219

18
CHARLES EARLS
PARCEL ID: 15 151 01 013
DB 23257 PG 401

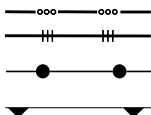
CONTROL POINT	NORTH COORD.	EAST COORD.	ELEV	DESCRIPTION	STATION	OFFSET
D-7	1357522.219	2259333.966	1018.76	*4RBRC	119+34.87	13.17 (RT)
STA	1357534.479	2259399.277	1018.89	STA	120+00.00	00.00 (RT)

*NOTE: ALL PROPOSED DRIVEWAYS SHALL MATCH EXISTING WIDTHS.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

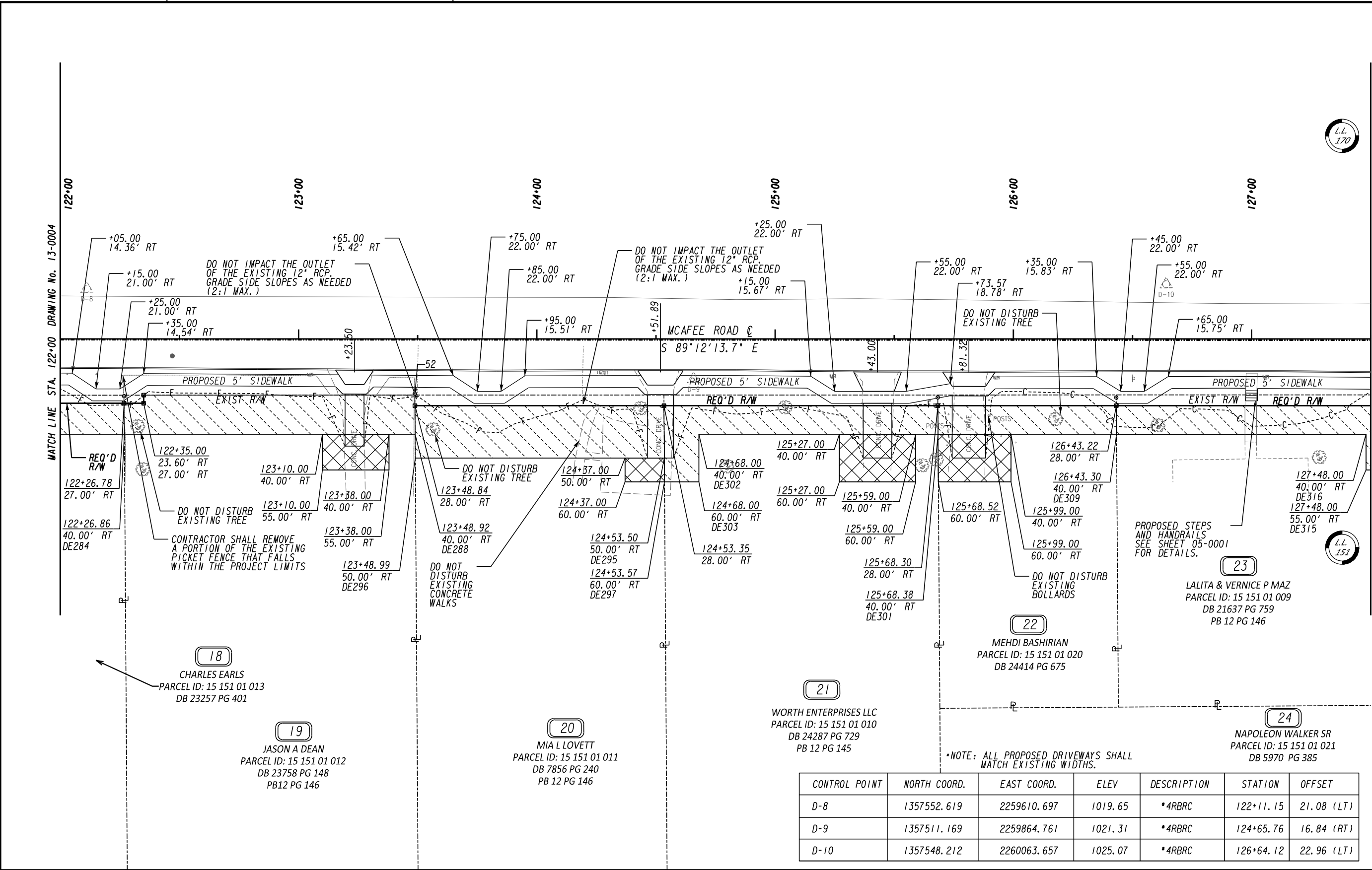
STV 100 Years
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GA 30096
PHONE: (770)452-0797 FAX: (770)936-9171



REVISION DATES

CONSTRUCTION PLAN
MCAFFEE ROAD
STA. 116+50 TO 122+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

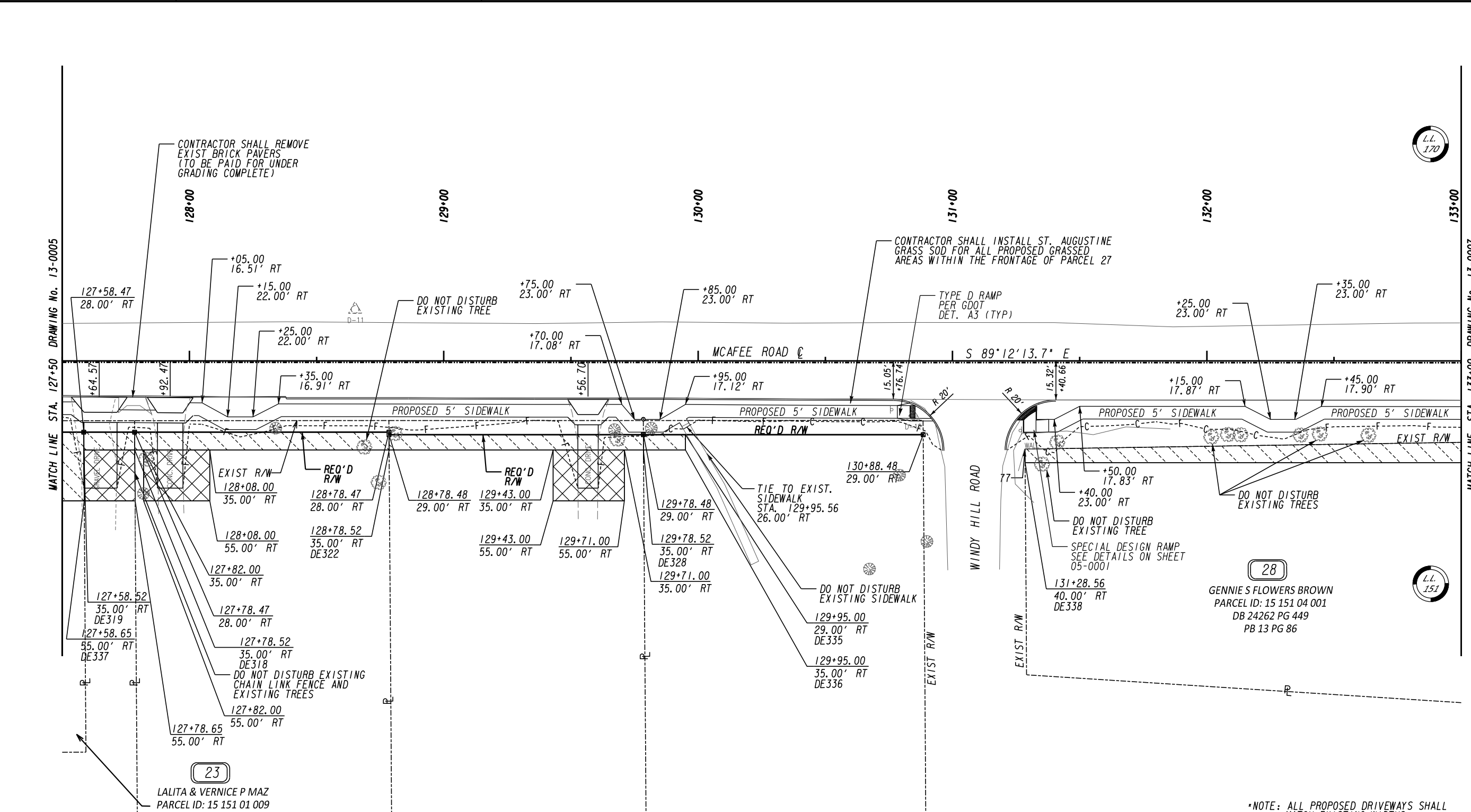
CONSTRUCTION PLAN

MCAFEE ROAD

STA. 122+00 TO 127+50

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

13-0005



*NOTE: ALL PROPOSED DRIVEWAYS SHALL MATCH EXISTING WIDTHS.

CONTROL POINT	NORTH COORD.	EAST COORD.	ELEV	DESCRIPTION	STATION	OFFSET
D-11	1357542.729	2260264.619	1018.88	*4RBRC	128+65.14	20.27 (LT)
D-12	1357497.817	2260483.428	1005.14	*4RBRC	130+84.56	21.59 (RT)
G 103	1358295.094	2260646.713	1012.61	RBC	132+36.75	777.88 (LT)

23

LALITA & VERNICE P MAZ
PARCEL ID: 15 151 01 009
DB 21637 PG 759
PB 12 PG 146

24

NAPOLEON WALKER SR
PARCEL ID: 15 151 01 021
DB 5970 PG 385

25

WILLIE A & BETTY SANDERS
PARCEL ID: 15 151 010 008
DB 3441 PG 568
PB 12 PG 146

26

RORY HEALY
PARCEL ID: 15 151 01 007
DB 23494 PG 467
PB 12 PG 146

27

PHILIP ALLAN BASHAW
PARCEL ID: 15 151 01 006
DB 24918 PG 59
PB 12 PG 146

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

CONSTRUCTION PLAN

MCAFEE ROAD

STA. 127+50 TO 133+00

CHECKED: DATE: DRAWING No.

BACKCHECKED: DATE:

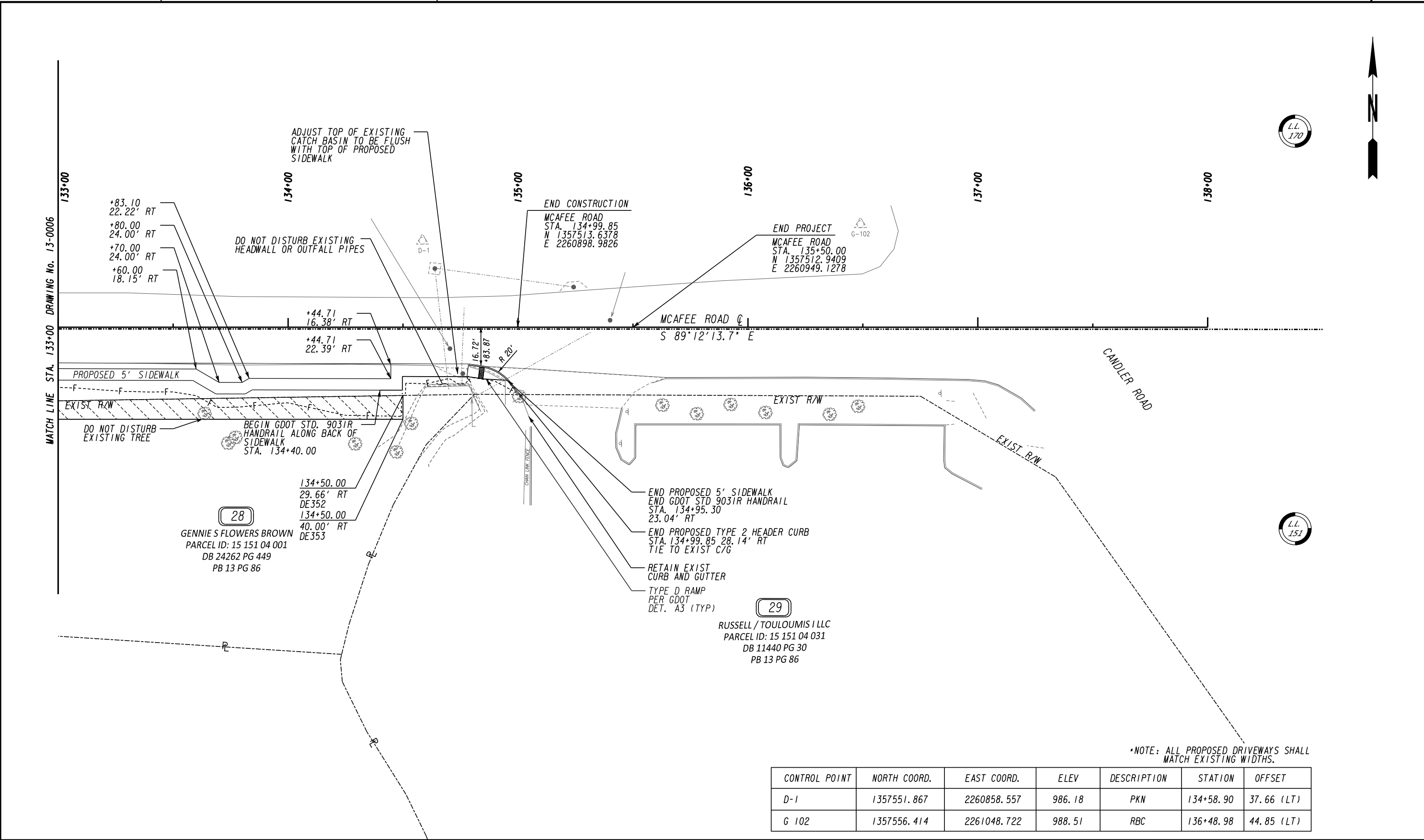
CORRECTED: DATE:

VERIFIED: DATE:

13-0006

4/28/2016

GPLN



CONTROL POINT	NORTH COORD.	EAST COORD.	ELEV	DESCRIPTION	STATION	OFFSET
D-1	1357551.867	2260858.557	986.18	PKN	134+58.90	37.66 (LT)
G 102	1357556.414	2261048.722	988.51	RBC	136+48.98	44.85 (LT)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET
0 20 40 80

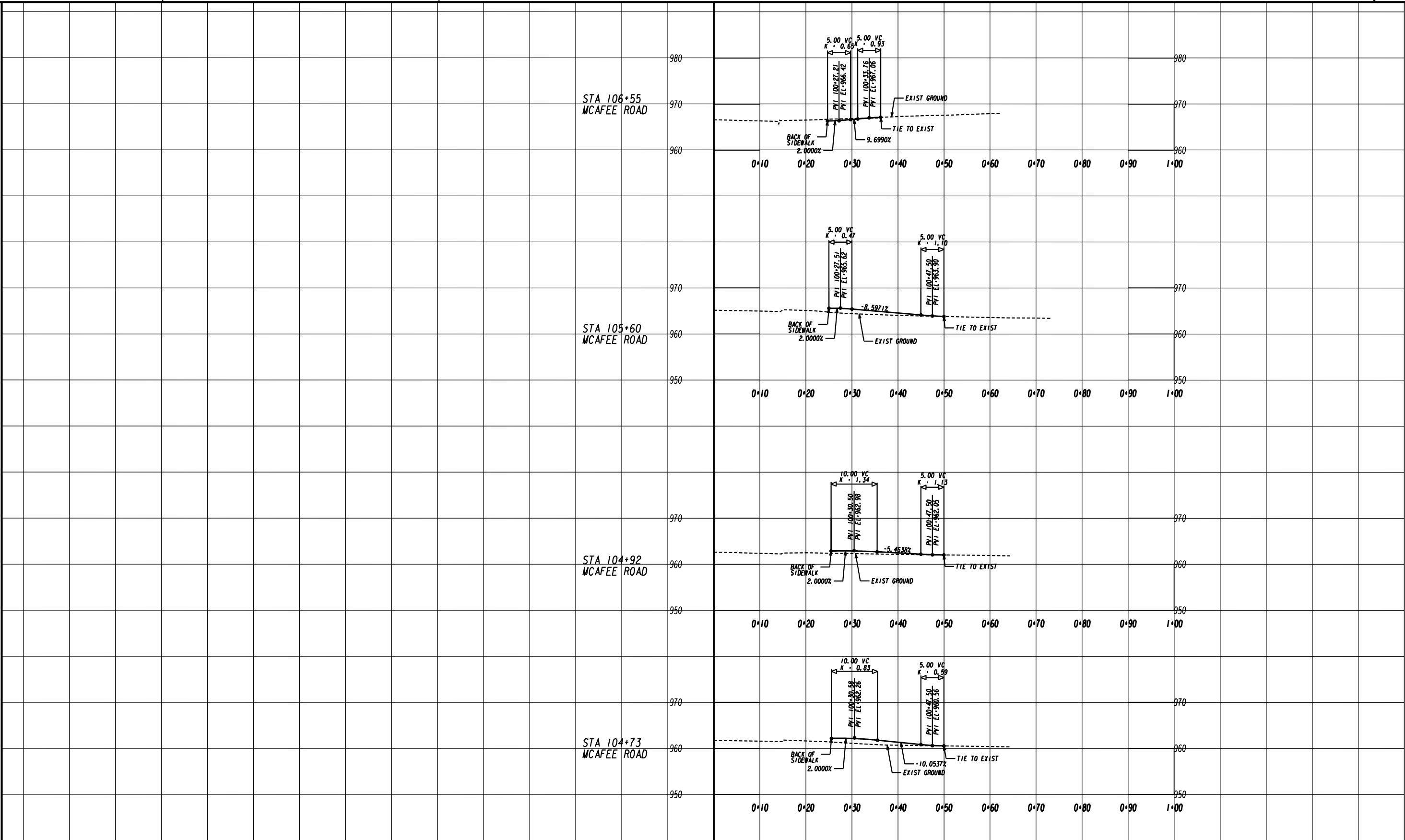
REVISION DATES

CONSTRUCTION PLAN
MCAFFEE ROAD
STA. 133+00 TO 138+00

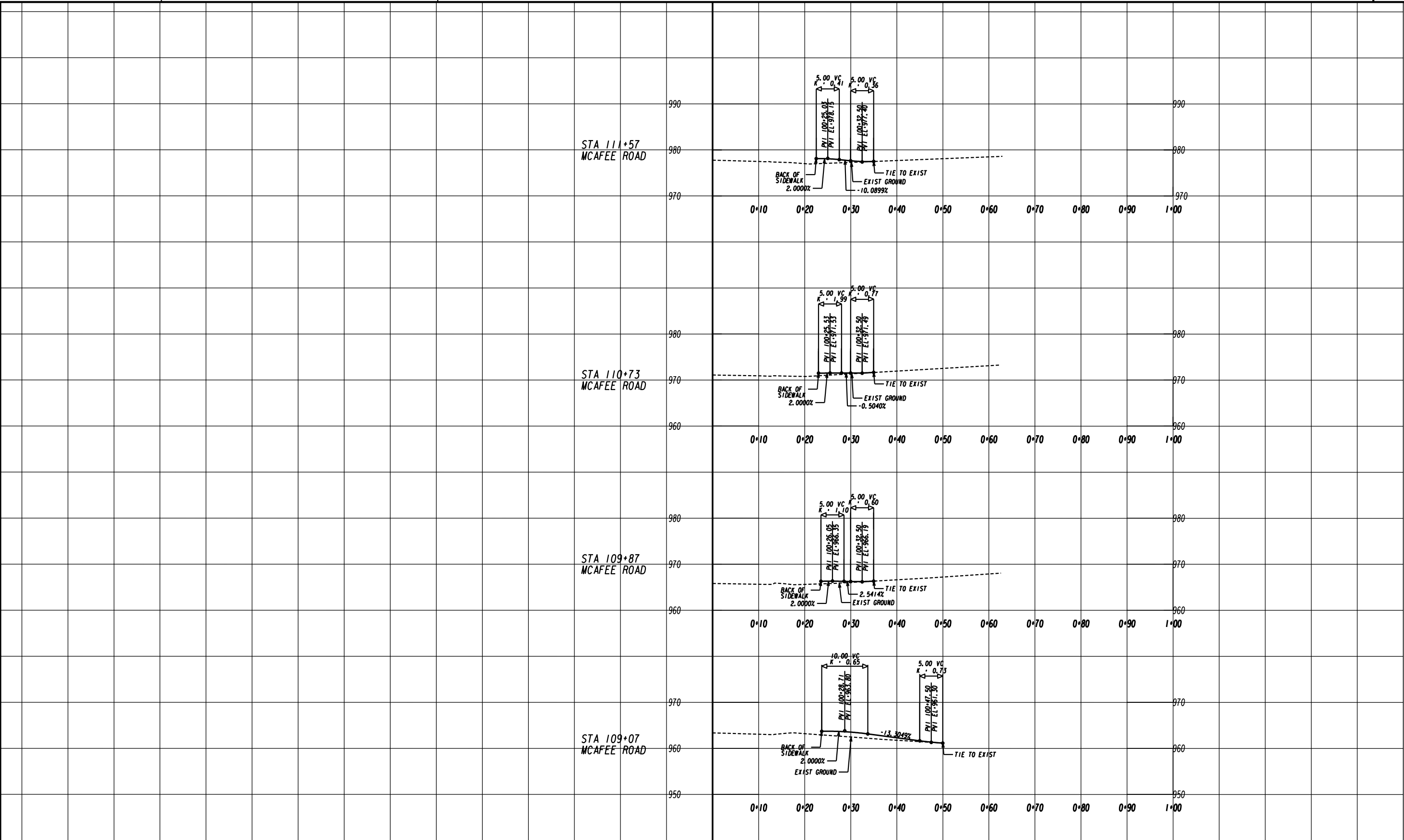
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

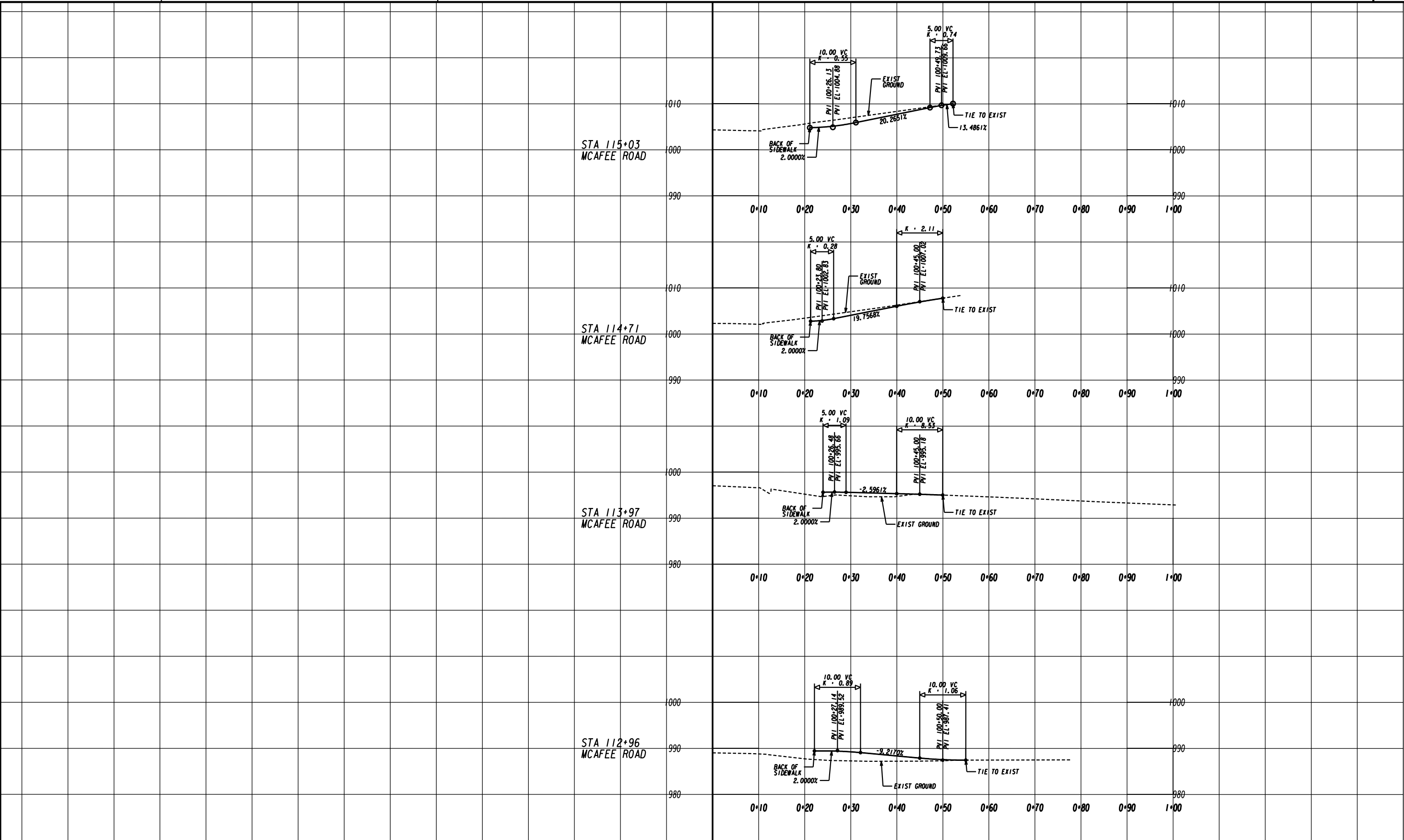
GPLN

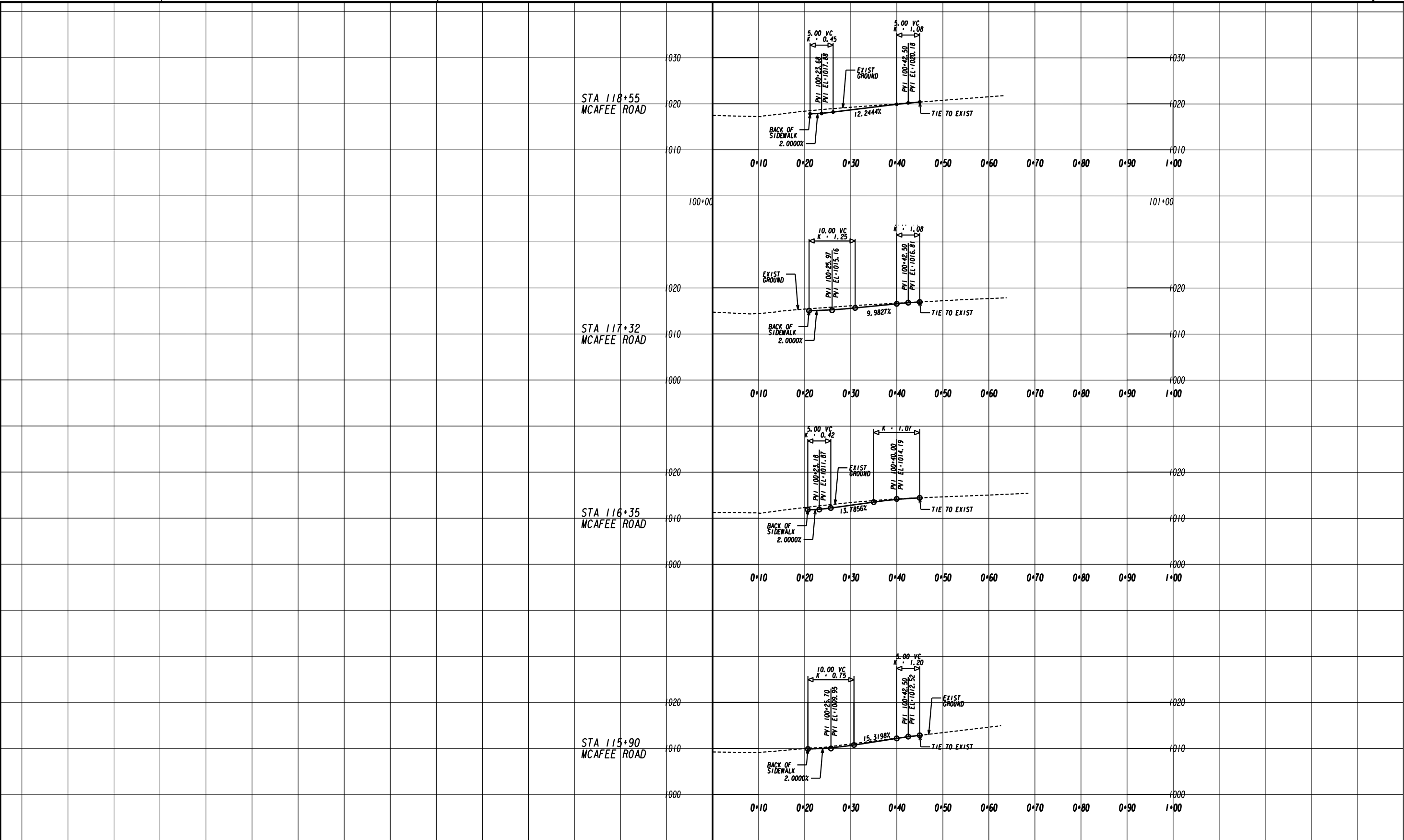


		DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	SCALE: 1" = 10' HORIZ. 1" = 10' VERT.	REVISION DATES		DRIVEWAY PROFILE MCAFFEE ROAD			
					CHECKED:		DATE:		DRAWING No.
		 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171				BACKCHECKED:		DATE:	
						CORRECTED:		DATE:	
						VERIFIED:		DATE:	
17/31/2015	GPLN								17-0001



7/31/2015 GPLN		DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171	SCALE: 1" = 10' HORIZ. 1" = 10' VERT.	REVISION DATES			DRIVEWAY PROFILE MCAFFEE ROAD				
								CHECKED:		DATE:		DRAWING No. 17-0002
								BACKCHECKED:		DATE:		
								CORRECTED:		DATE:		
			VERIFIED:		DATE:							





DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

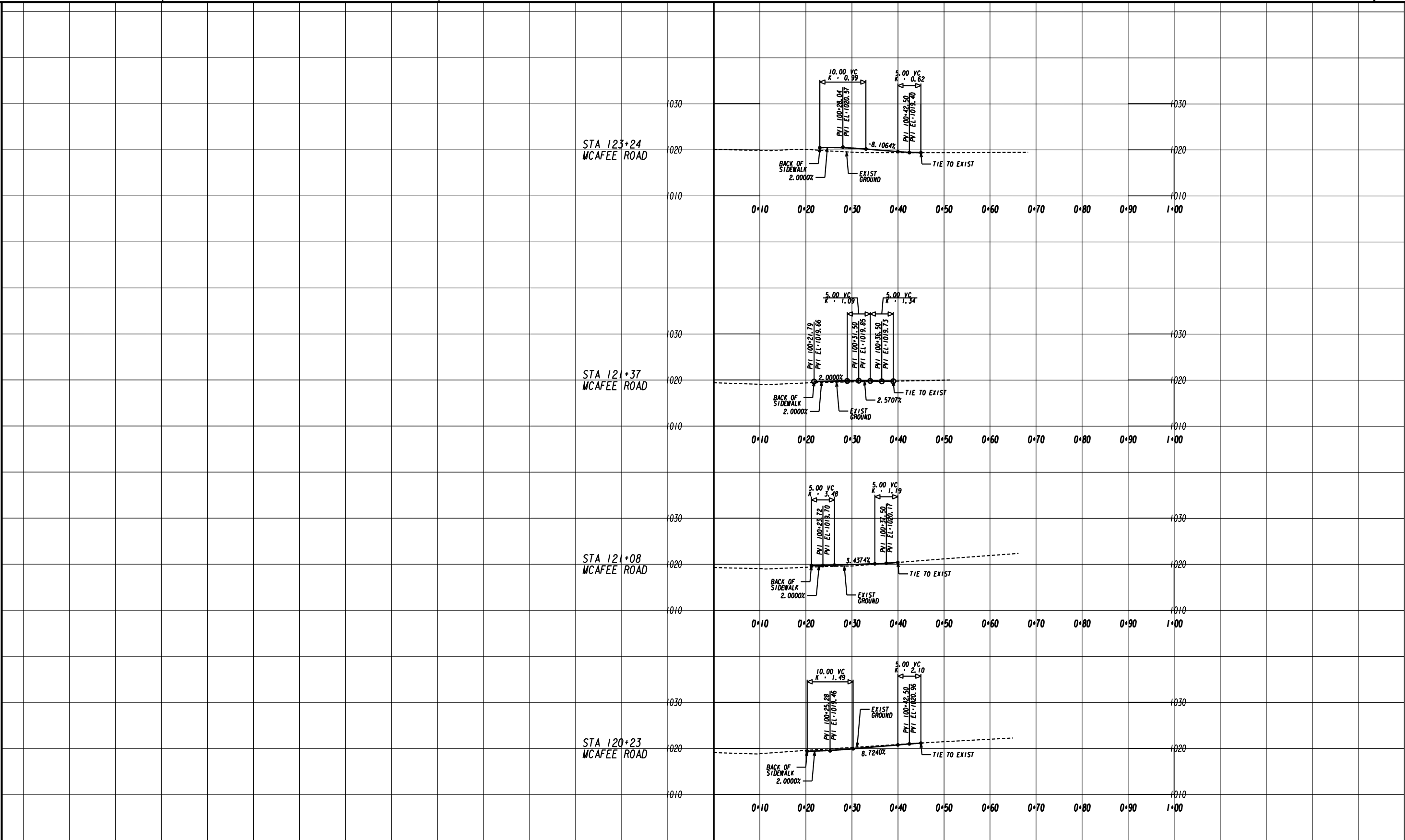
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE:
1" = 10' HORIZ.
1" = 10' VERT.

REVISION DATES	

DRIVEWAY PROFILE MCAFFEE ROAD	
CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.
17-0004



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

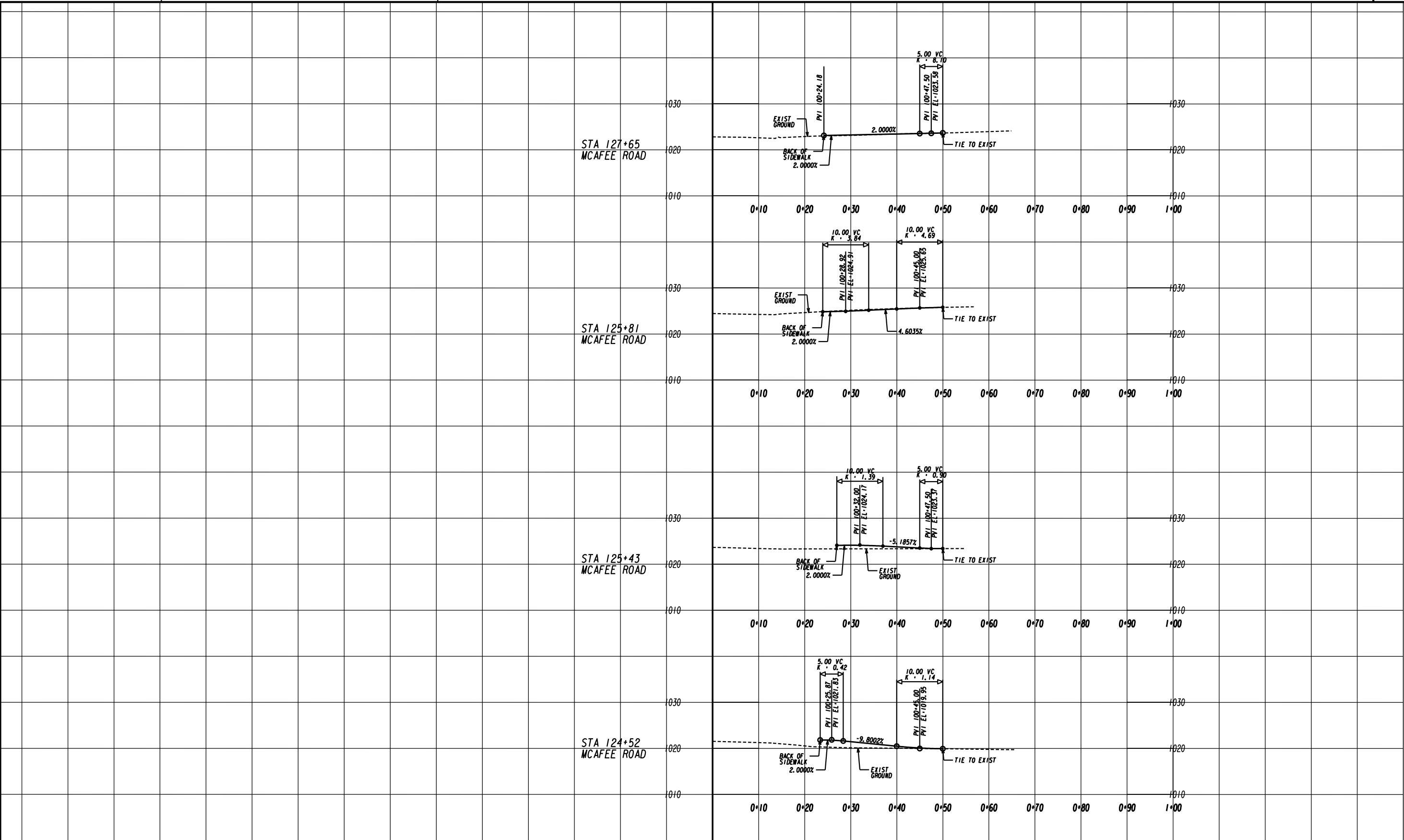
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE:
1" = 10' HORIZ.
1" = 10' VERT.

REVISION DATES	

DRIVEWAY PROFILE MCAFFEE ROAD	
CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.
17-0005



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE:
1" = 10' HORIZ.
1" = 10' VERT.

REVISION DATES	

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

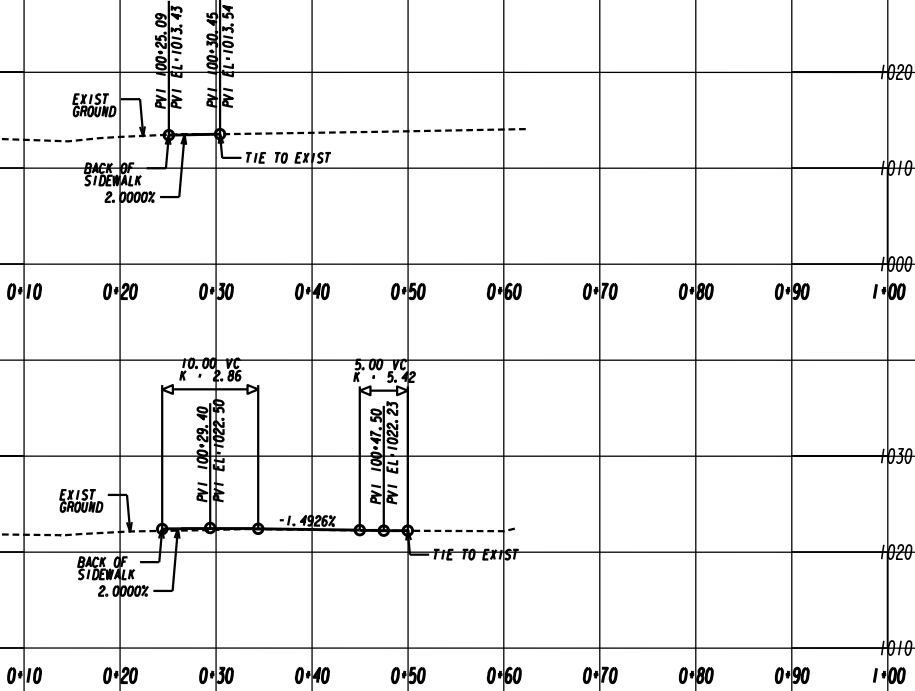
DRIVEWAY PROFILE
MCAFFEE ROAD

DRAWING No.
17-0006

7/31/2015 GPLN

STA 129+57
MCAFFEE ROAD

STA 127+92
MCAFFEE ROAD



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS



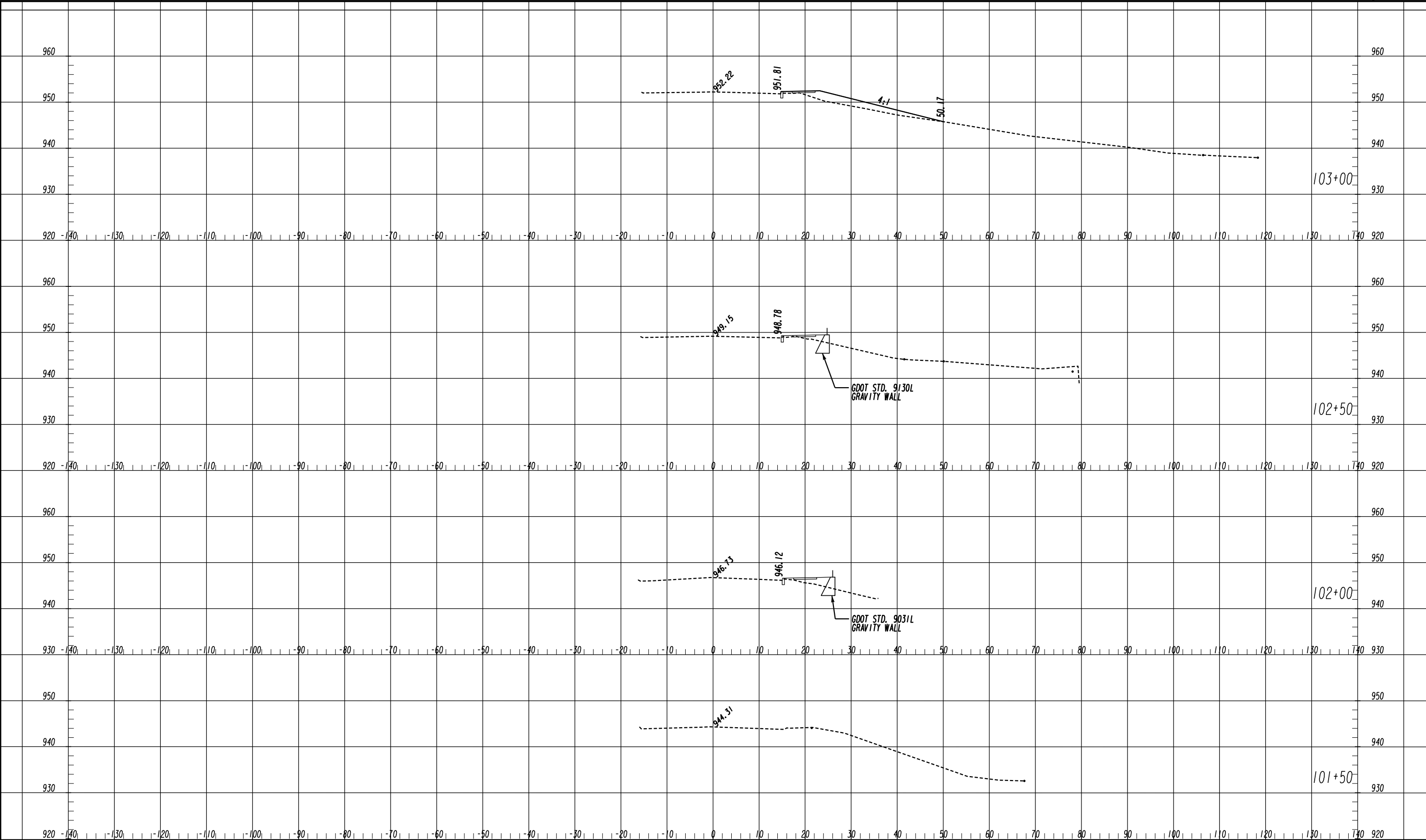
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE:
1" = 10' HORIZ.
1" = 10' VERT.

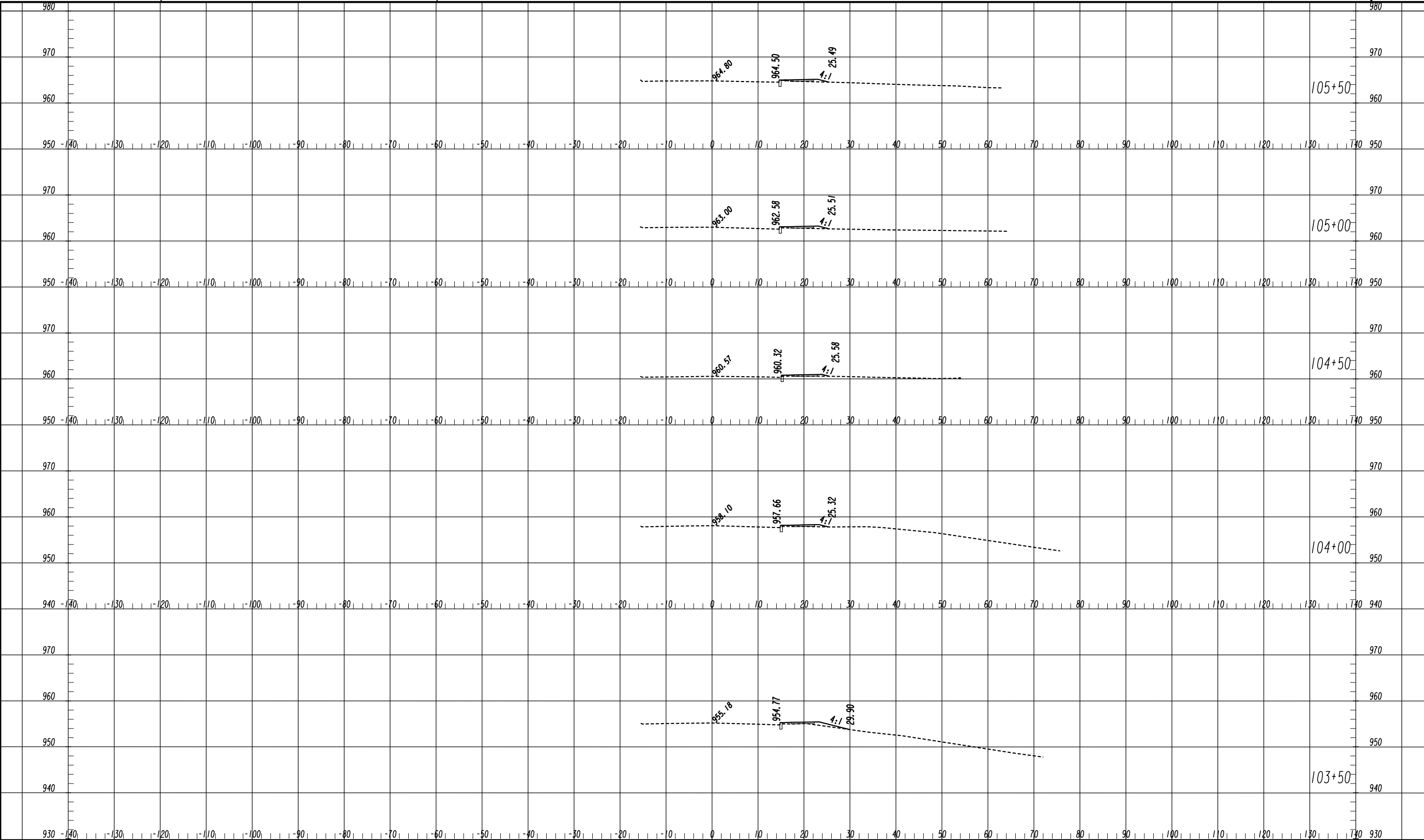
REVISION DATES

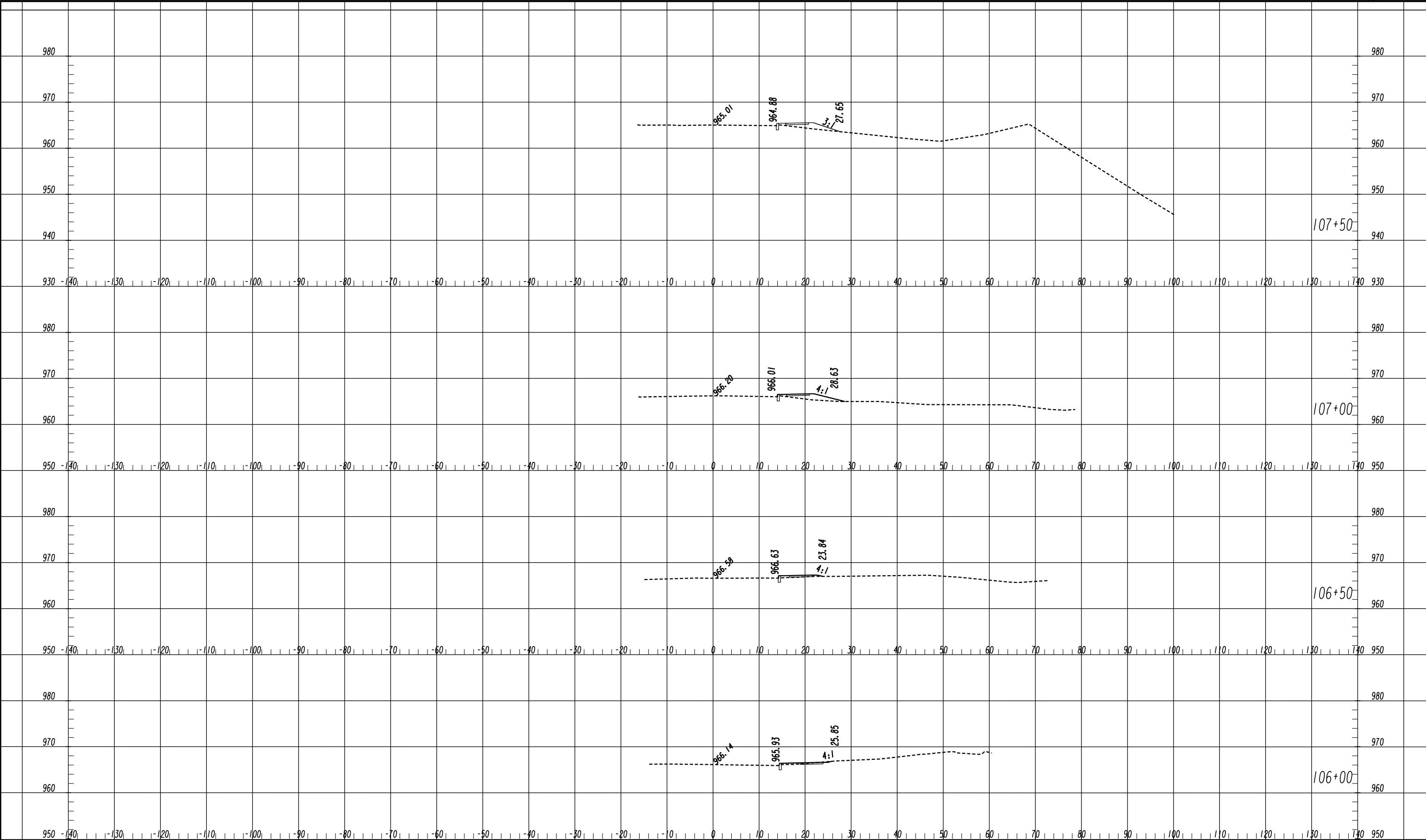
DRIVEWAY PROFILE
MCAFFEE ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		17-0007

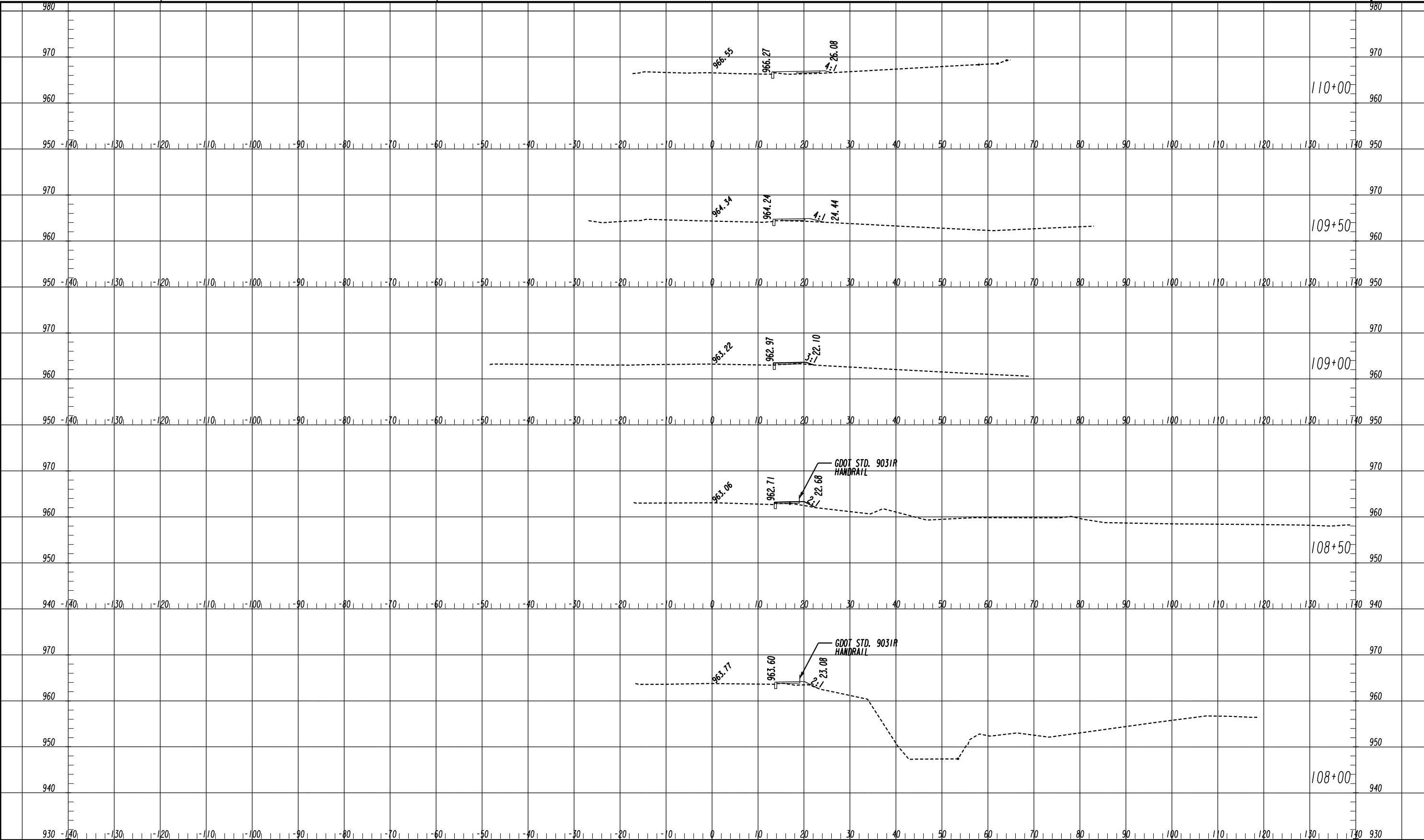


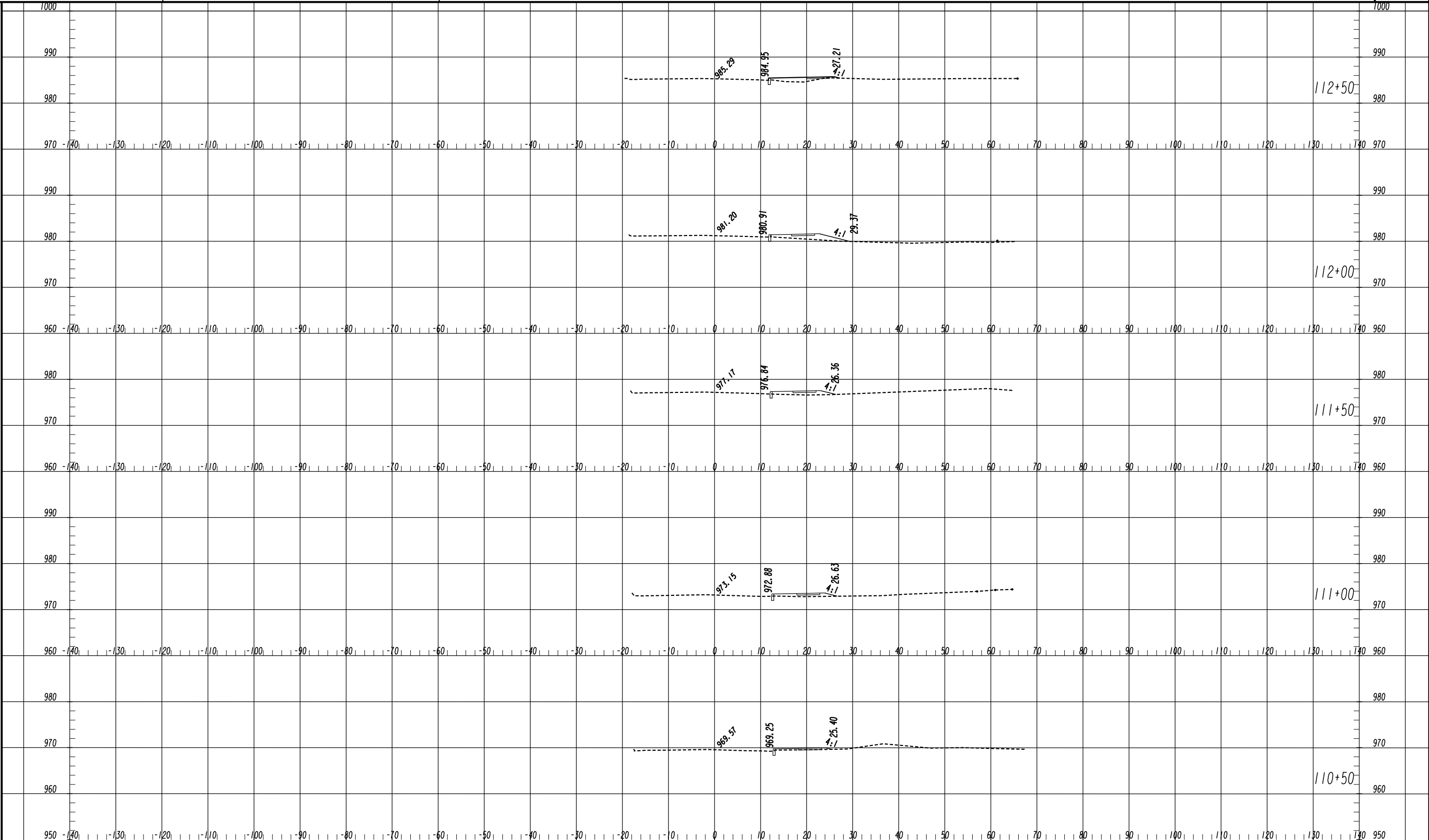
DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	SCALE 1 Inch = 10 feet Vert. SCALE 1 Inch = 10 feet Horiz.	REVISION DATES	CROSS SECTIONS MCAFEE ROAD			
			CHECKED:	DATE:	DRAWING No.	
 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171			BACKCHECKED:	DATE:	23-0001	
			CORRECTED:	DATE:		
			VERIFIED:	DATE:		

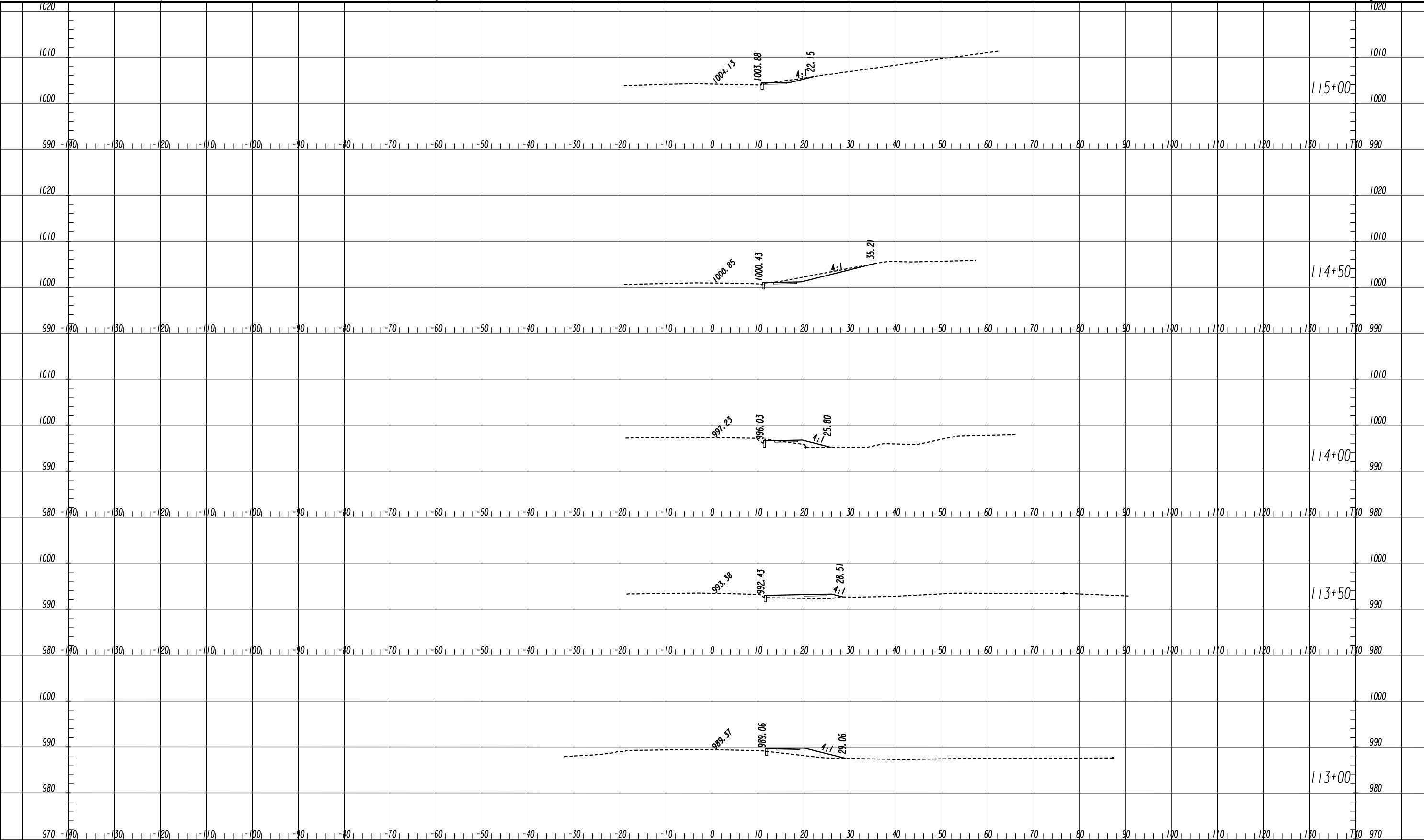


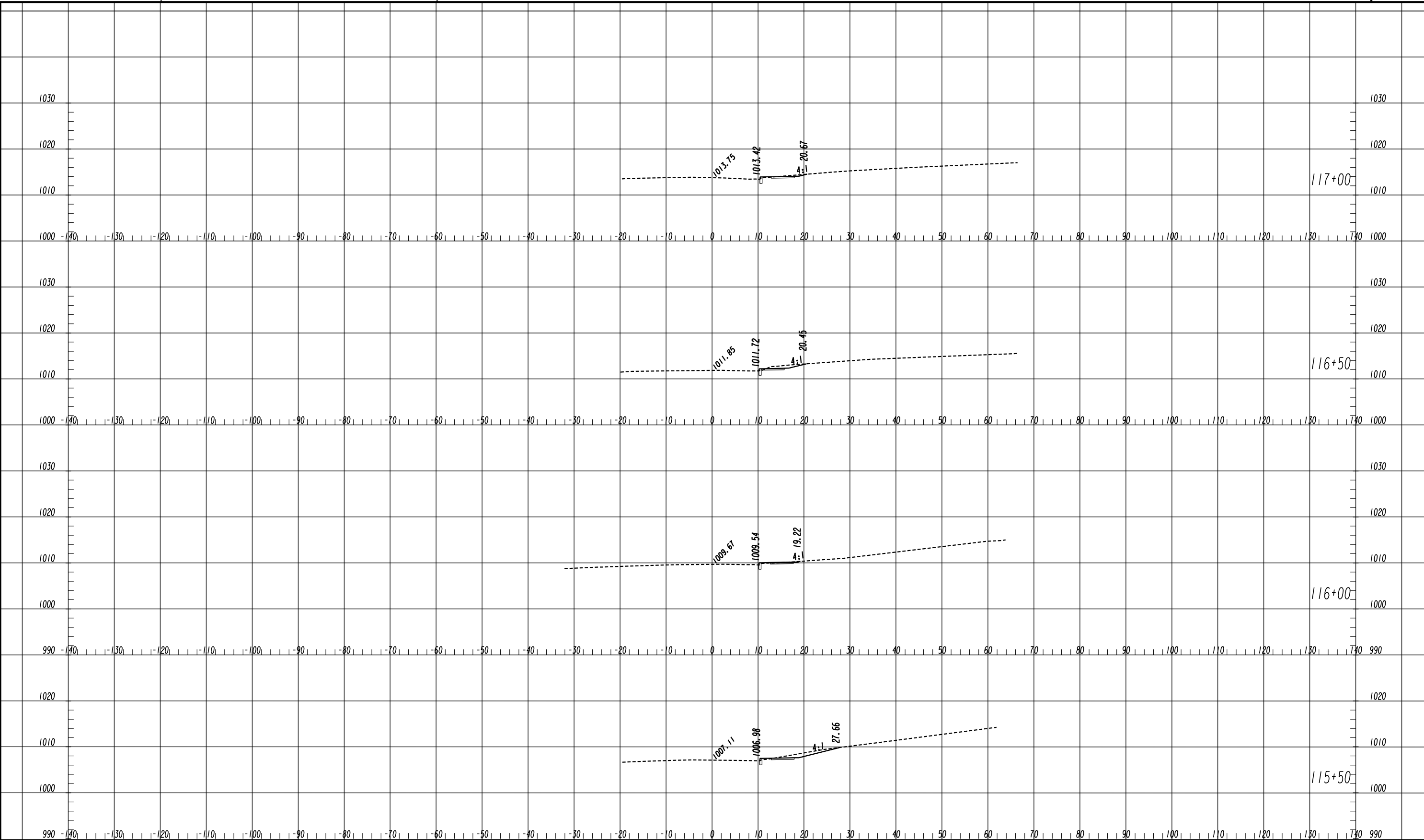


		DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	SCALE 1 Inch = 10 feet Vert. SCALE 1 Inch = 10 feet Horiz.	REVISION DATES	CROSS SECTIONS MCAFEE ROAD				
7/31/2015 SUXSEW		 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171			CHECKED:		DATE:		DRAWING No. 23-0003
					BACKCHECKED:		DATE:		
					CORRECTED:		DATE:		
					VERIFIED:		DATE:		









7/31/2015
SUXSEW

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

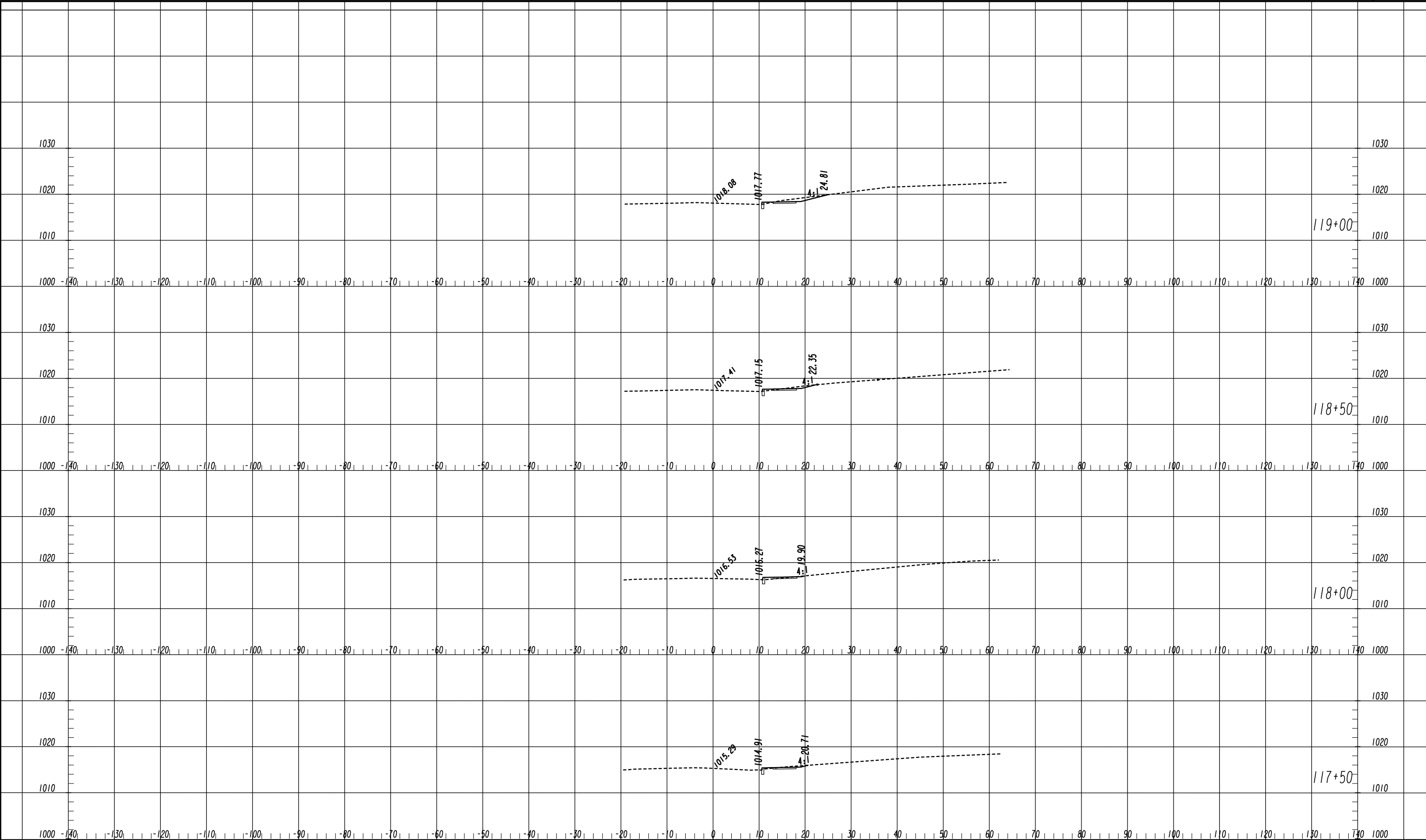
100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

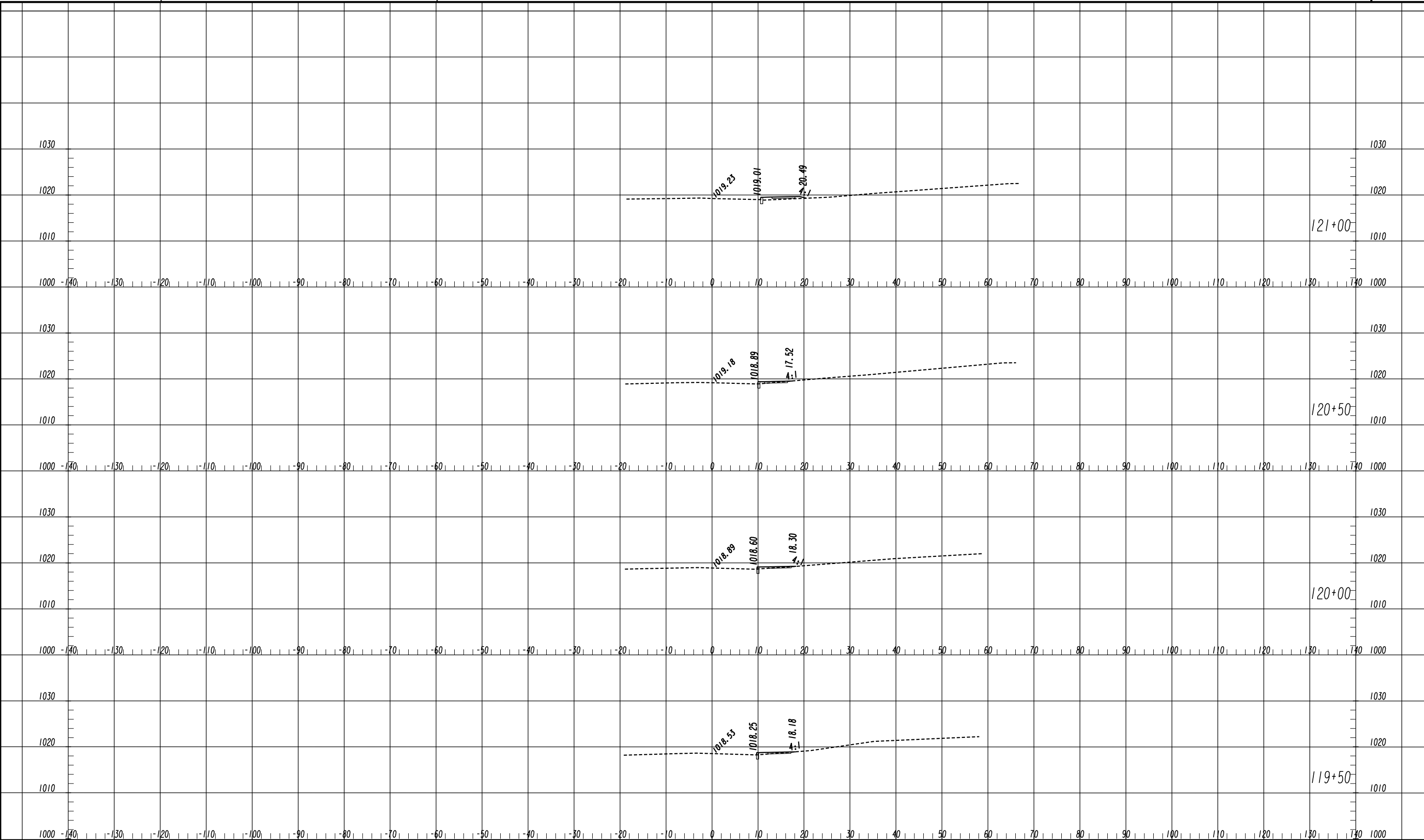
SCALE 1 inch = 10 feet Vert.
SCALE 1 inch = 10 feet Horiz.

REVISION DATES	

CHECKED:		DATE:		DRAWING No. 23-0007
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		



DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	SCALE 1 Inch = 10 feet Vert. SCALE 1 Inch = 10 feet Horiz.	REVISION DATES		CROSS SECTIONS MCAFEE ROAD				
 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171				CHECKED:		DATE:		DRAWING No. 23-0008
				BACKCHECKED:		DATE:		
				CORRECTED:		DATE:		
				VERIFIED:		DATE:		



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS



3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

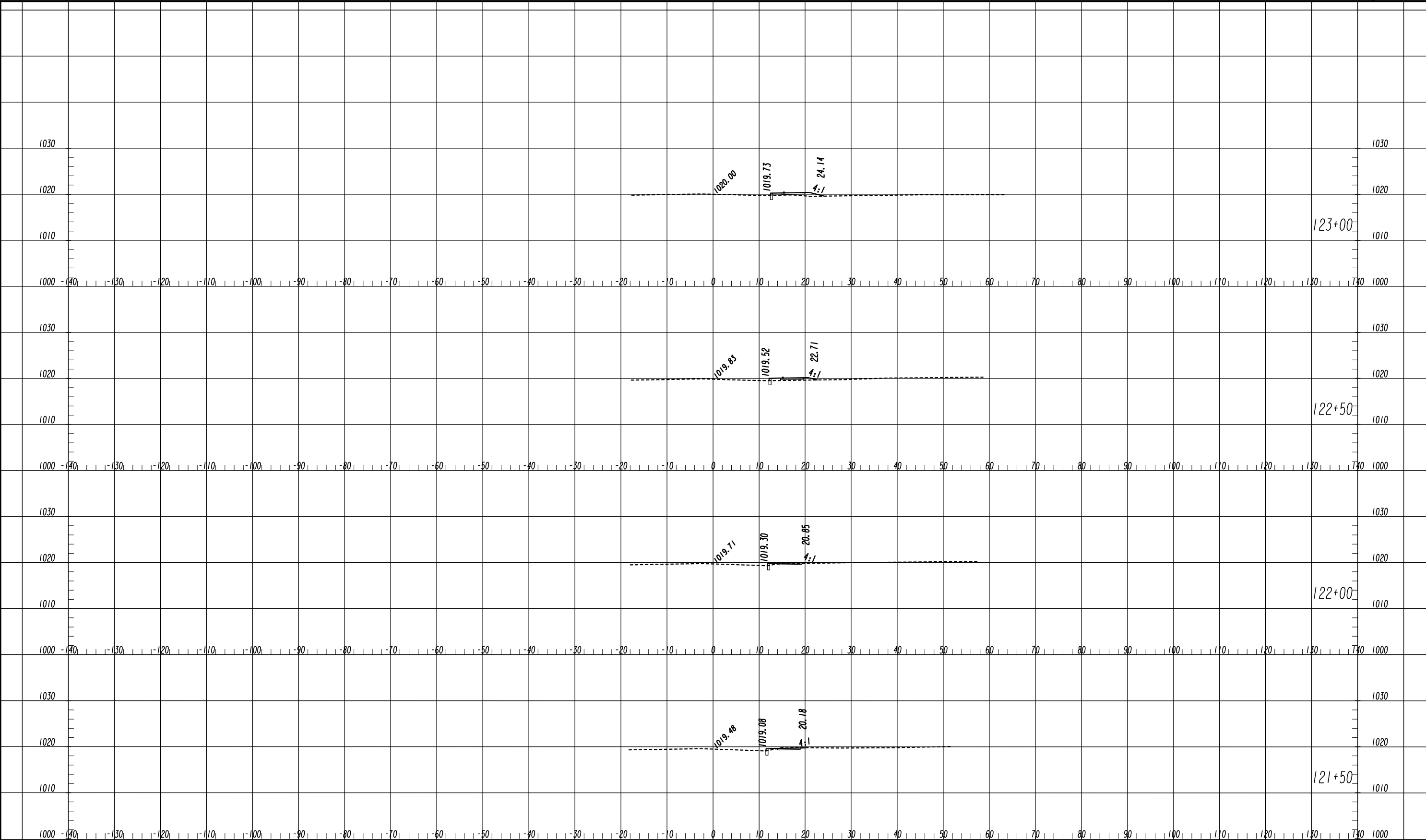
SCALE 1 inch = 10 feet Vert.
SCALE 1 inch = 10 feet Horiz.

REVISION DATES

CROSS SECTIONS
MCAFFEE ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

23-0009



7/31/2015

SUXSEW

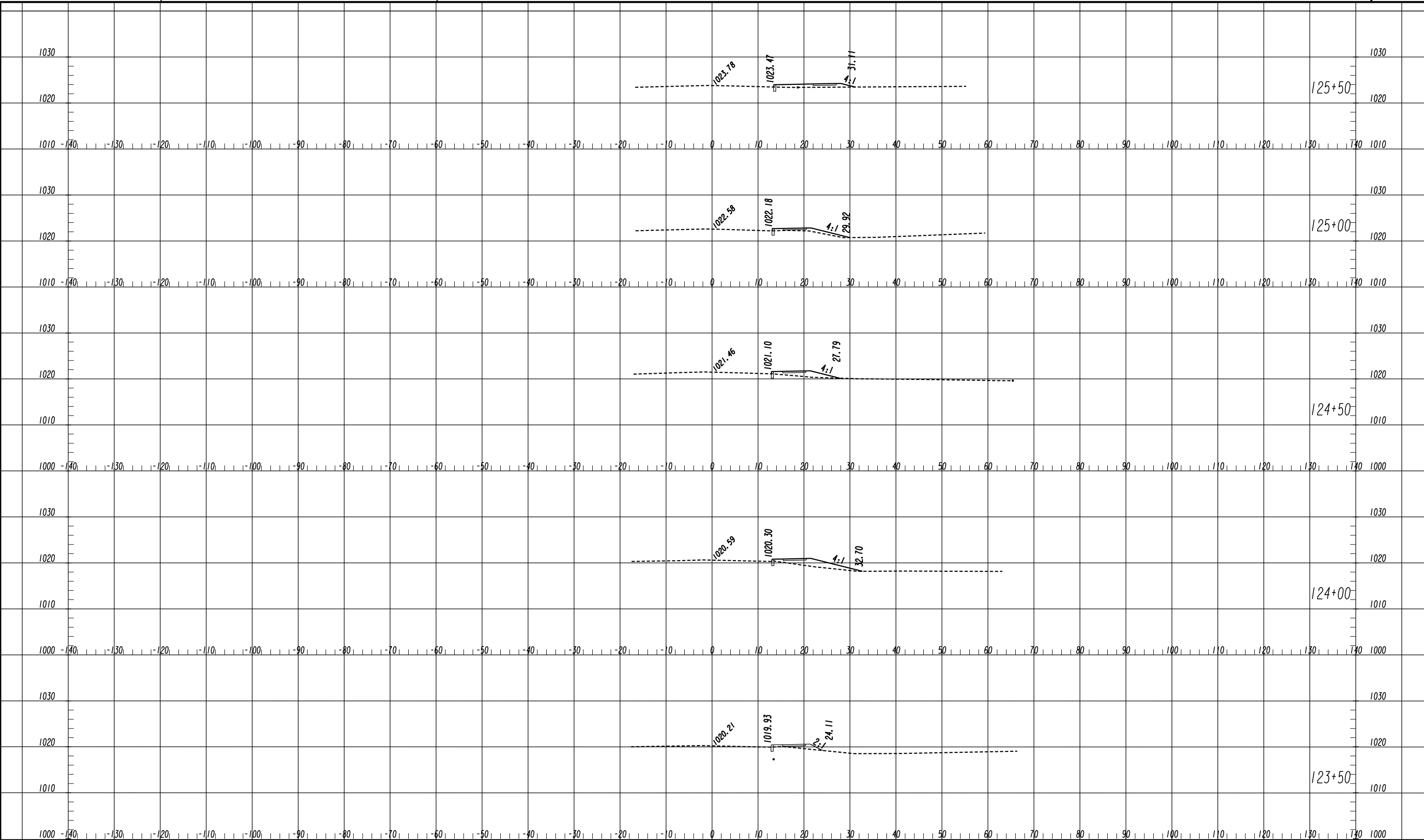
DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE 1 Inch = 10 feet Vert.
SCALE 1 Inch = 10 feet Horiz.

REVISION DATES	

CHECKED:		DATE:		DRAWING No. 23-0010
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

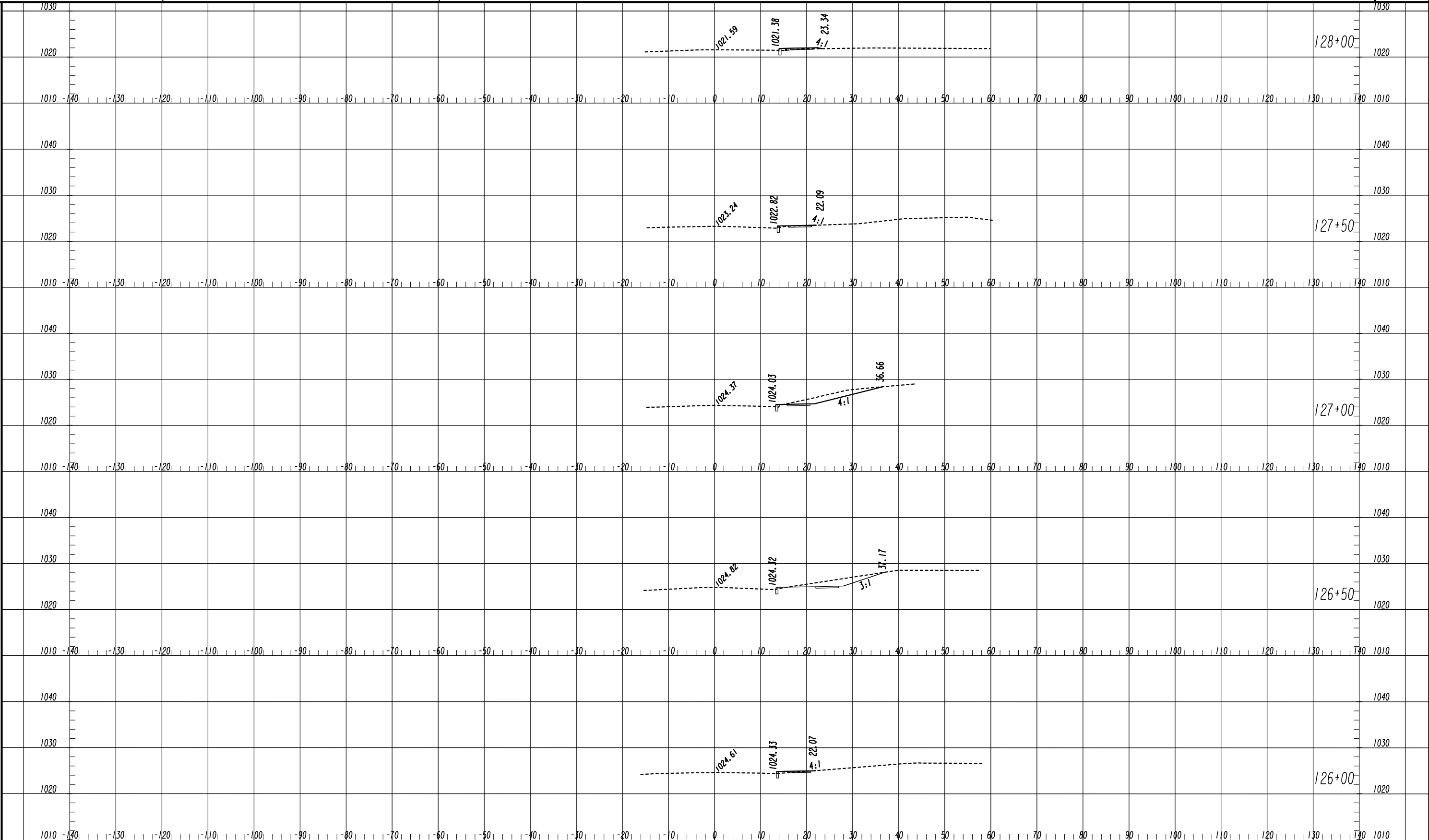
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE 1 Inch = 10 feet Vert.
SCALE 1 Inch = 10 feet Horiz.

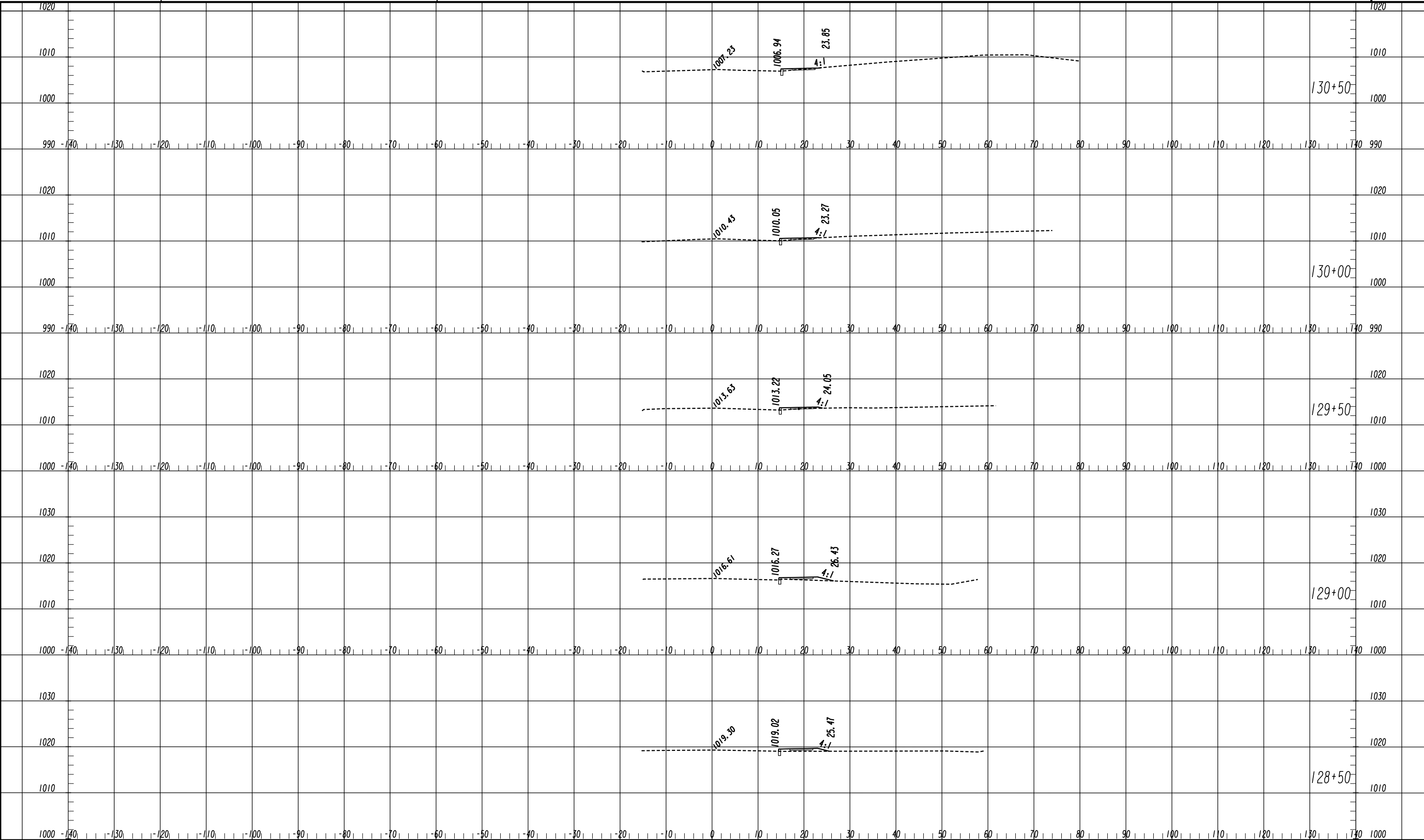
REVISION DATES		

CHECKED:		DATE:		DRAWING No. 23-0011
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

CROSS SECTIONS
MCAFEE ROAD



		DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	SCALE 1 Inch = 10 feet Vert. SCALE 1 Inch = 10 feet Horiz.	REVISION DATES	CROSS SECTIONS MCAFFEE ROAD				
7/31/2015 SUXSEW		 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171			CHECKED:		DATE:		DRAWING No. 23-0012
					BACKCHECKED:		DATE:		
					CORRECTED:		DATE:		
					VERIFIED:		DATE:		



DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE 1 Inch = 10 feet Vert.
SCALE 1 Inch = 10 feet Horiz.

REVISION DATES	

CHECKED:		DATE:		DRAWING No. 23-0013
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

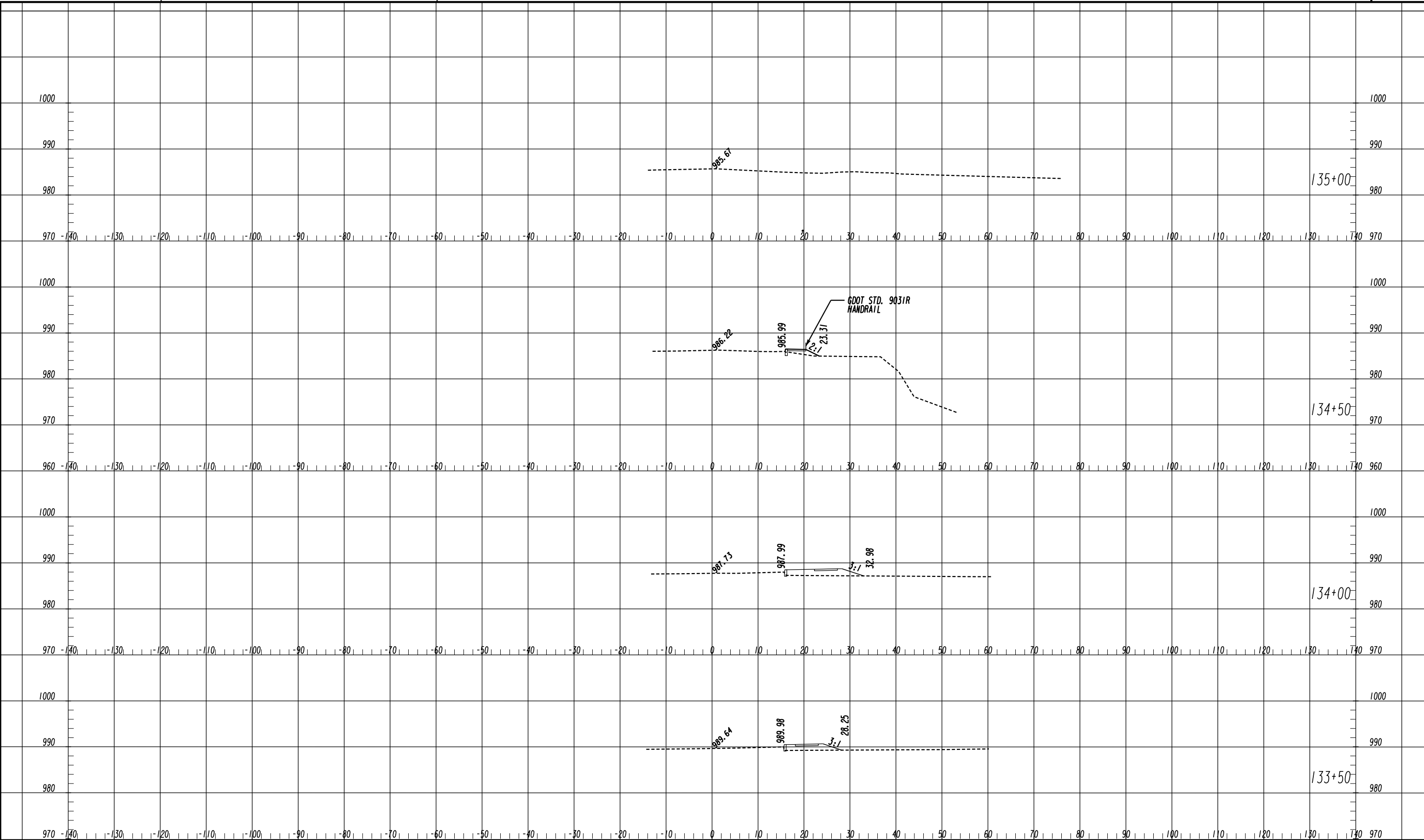
CROSS SECTIONS
MCAFEE ROAD

7/31/2015

SUXSEW



CHECKED:		DATE:	DRAWING No. 23-0014
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	



		DEKALB COUNTY DEPARTMENT OF PUBLIC WORKS	SCALE 1 Inch = 10 feet Vert. SCALE 1 Inch = 10 feet Horiz.	REVISION DATES	CROSS SECTIONS MCAFEE ROAD				
7/31/2015 SUXSEW		 3700 CRESTWOOD PARKWAY NW, SUITE 800 DULUTH, GEORGIA 30096 PHONE: (770)452-0797 FAX: (770)936-9171			CHECKED:		DATE:		DRAWING No.
					BACKCHECKED:		DATE:		23-0015
					CORRECTED:		DATE:		
					VERIFIED:		DATE:		

UTILITY LINECODES					UTILITY SYMBOLS									
OVERVIEW	EXISTING	TO BE REMOVED	PROPOSED	TYPE OF UTILITY	EXISTING	PROPOSED	TEMPORARY		EXISTING	PROPOSED	TEMPORARY			
				ELECTRIC				UTILITY POLE/GUY POLE				FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)		
				ELECTRIC/TELECOMMUNICATIONS				LIGHT POLE				BACKFLOW PREVENTER		
				ELECTRIC/CABLE TV				GUY ANCHOR				PRESSURE INDICATOR VALVE		
				ELECTRIC/TELECOMMUNICATIONS/CABLE TV				MARKER				AIR RELEASE VALVE		
				GUY WIRE				SPLICE BOX				WELL		
				TELECOMMUNICATIONS				CABINET				WATER VAULT		
				TELECOMMUNICATIONS/CABLE TV				VENT				WATER VALVE MARKER		
				CABLE TV				ELECTRIC MANHOLE				STAND PIPE		
								HAND HOLE				CLEANOUT		
UNDEFINED				ELECTRIC				TRANSFORMER				SANITARY SEWER MANHOLE		
				TELECOMMUNICATIONS				ELECTRIC METER				AIR RELEASE VALVE		
				CABLE TV				ELECTRIC BOX				GREASE TRAP		
				WATER				TRANSMISSION TOWER				SANITARY SEWER FORCE MAIN VALVE		
				WATER FOR LABELED PIPE SIZES				TELECOMMUNICATIONS MANHOLE				GAS VALVE		
				NON-POTABLE WATER				TELECOMMUNICATIONS PEDESTAL				GAS METER		
				NON-POTABLE WATER FOR LABELED PIPE SIZES				SUBSCRIBER LOOP CARRIER (aka 'SLICK')				GAS MANHOLE		
				STEAM				PHONE BOOTH				GAS PRESSURE REGULATOR		
				STEAM FOR LABELED PIPE SIZES				CABLE TV PEDESTAL				GAS VAULT		
				SANITARY SEWER WITH FLOW DIRECTION				CABLE TV MANHOLE				GAS TEST STATION		
				SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES				WATER VALVE				PETROLEUM VALVE		
UNDEFINED				SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION				WATER METER						
				GAS				WATER MANHOLE						
				GAS FOR LABELED PIPE SIZES										
				PETROLEUM										
				PETROLEUM FOR LABELED PIPE SIZES										

GEORGIA811

Utilities Protection Center, Inc.

Know what's below.
Call before you dig.

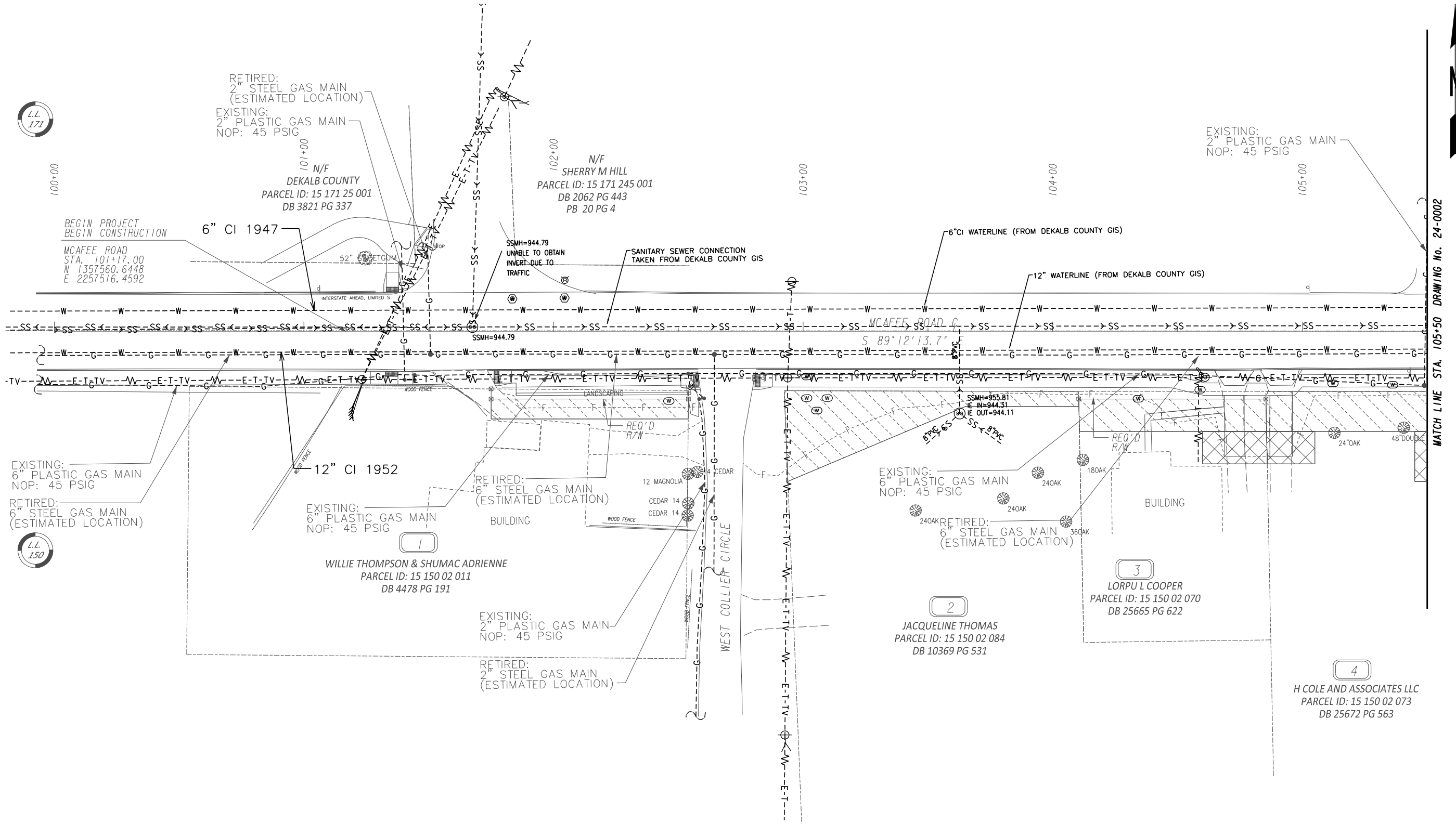


3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171
135

NOT TO SCALE

REVISION DATES			UTILITY PLANS LEGEND			
			CHECKED:		DATE:	DRAWING No.
			BACKCHECKED:		DATE:	
			CORRECTED:		DATE:	
			VERIFIED:		DATE:	

24-LEG



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET
0 20 40 60 80

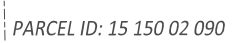
REVISION DATES

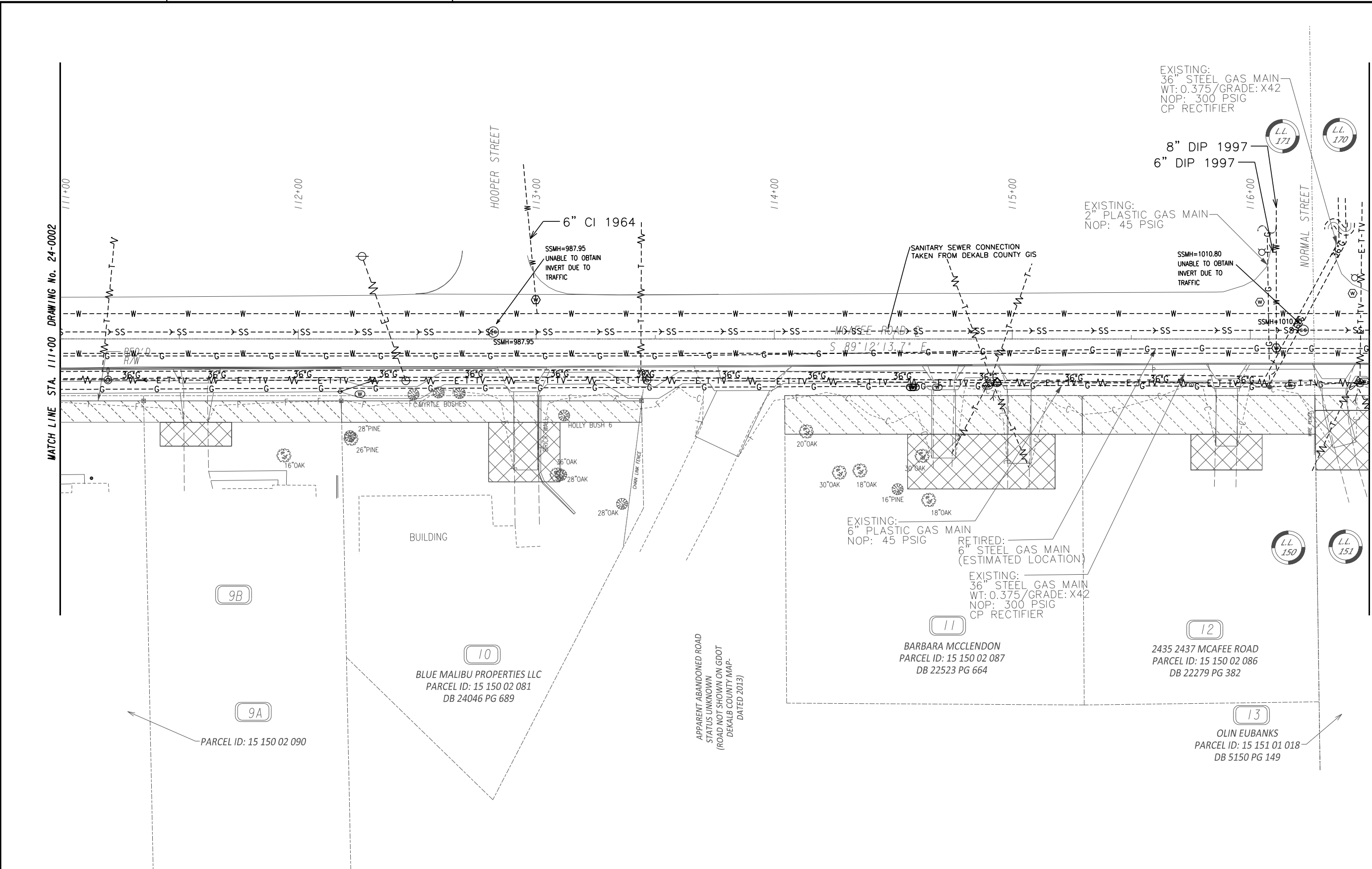
UTILITY PLANS
MCAFFEE ROAD
STA. 100+00 TO 105+50

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

24-0001

4/28/2016 GPLN





PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

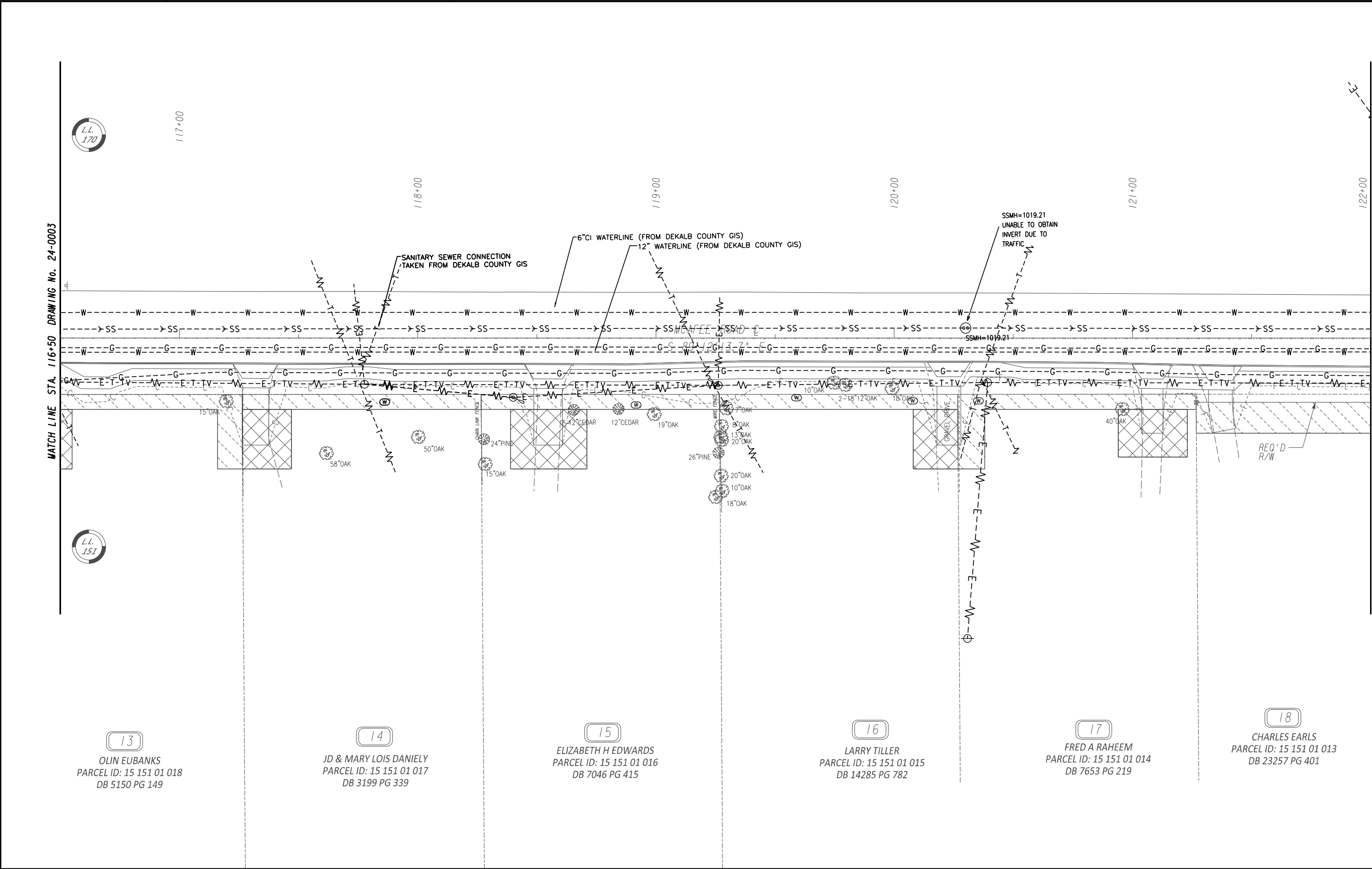
80

REVISION DATES

UTILITY PLANS
MCAFEE ROAD
STA. 111+00 TO 116+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

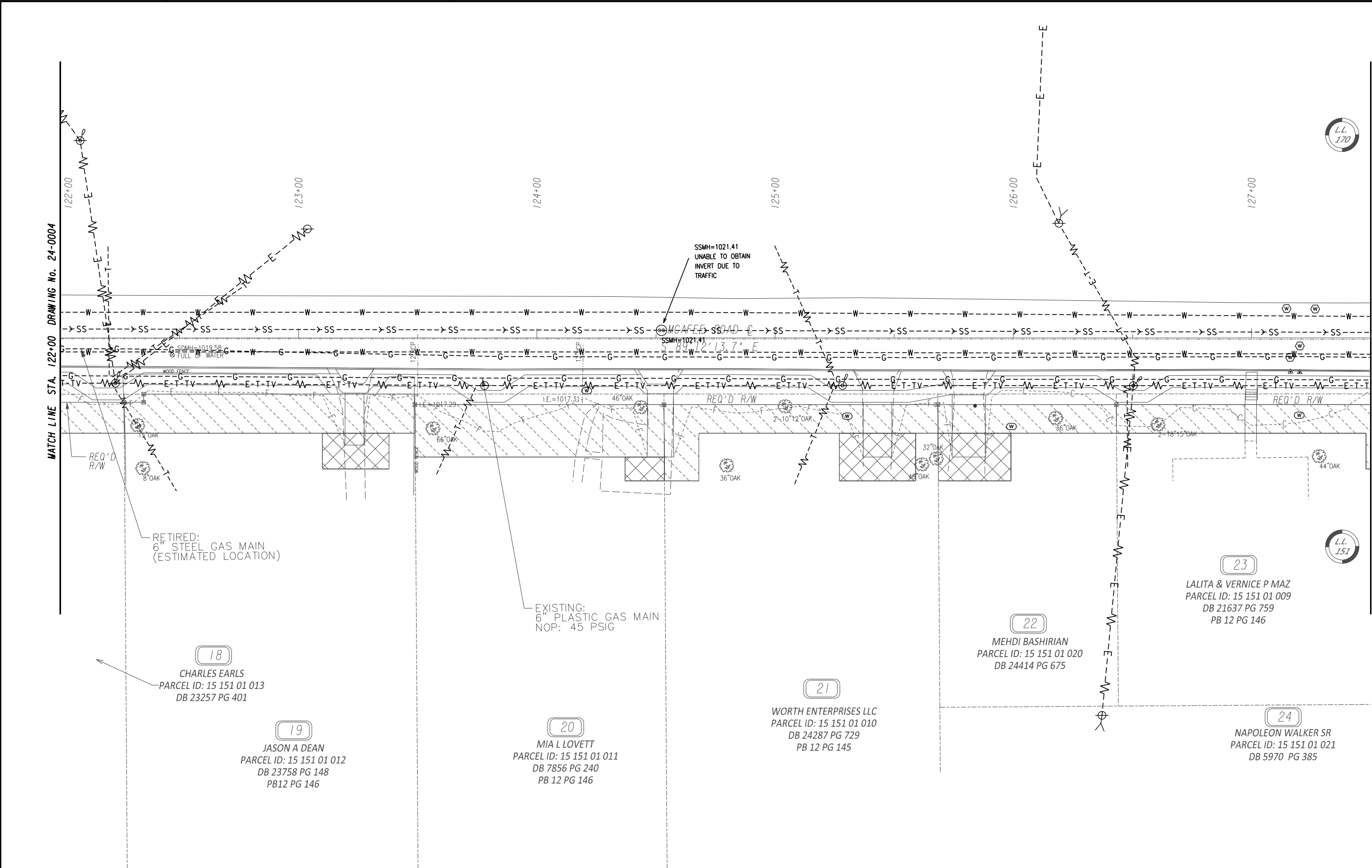
REVISION DATES

UTILITY PLANS
MCAFEE ROAD
STA. 116+50 TO 122+00

CHECKED: DATE: VERIFIED: DATE: CORRECTED: DATE:

24-0004

4/28/2016
GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

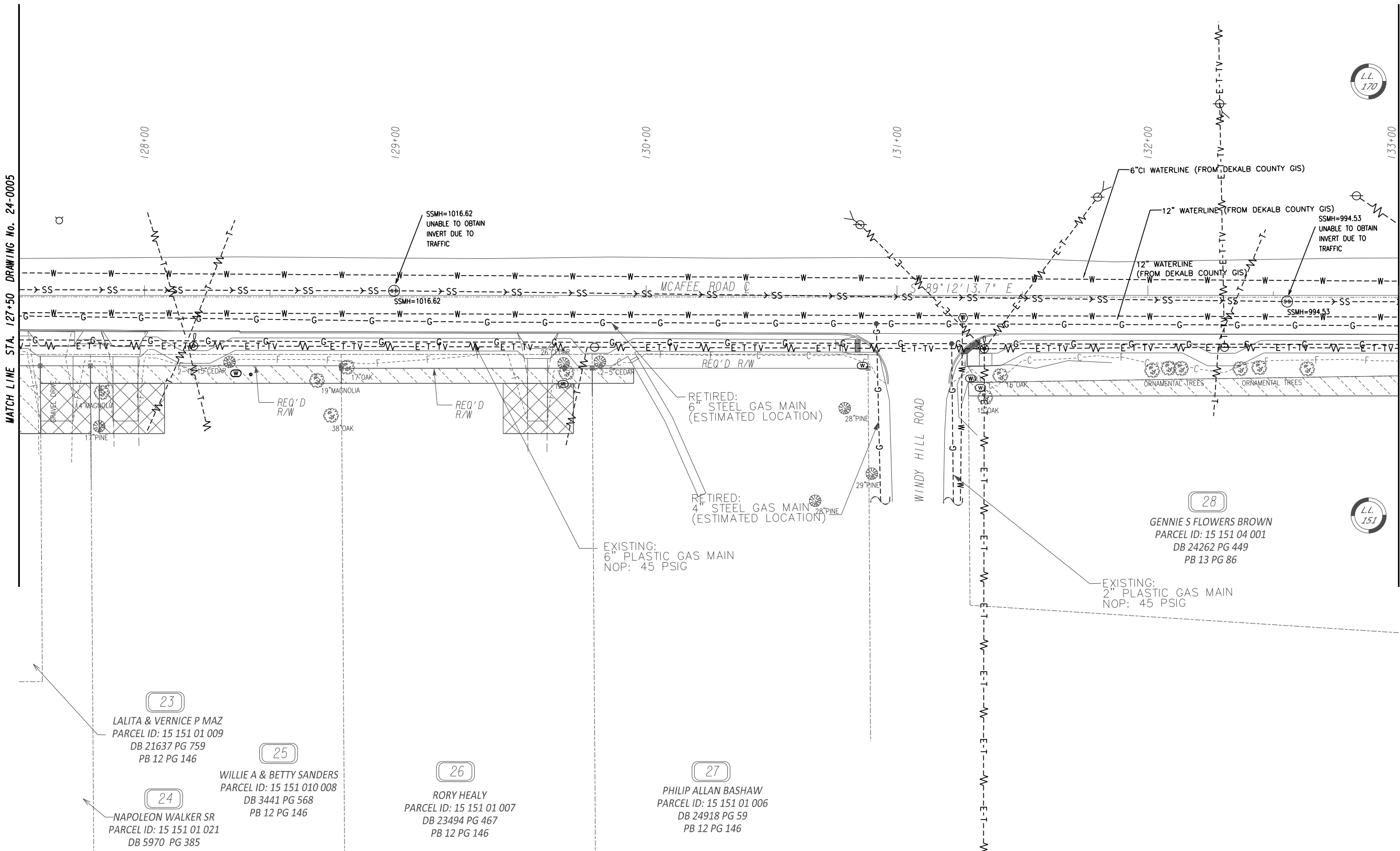
REVISION DATES

UTILITY PLANS
MCAFFEE ROAD
STA. 122+00 TO 127+50

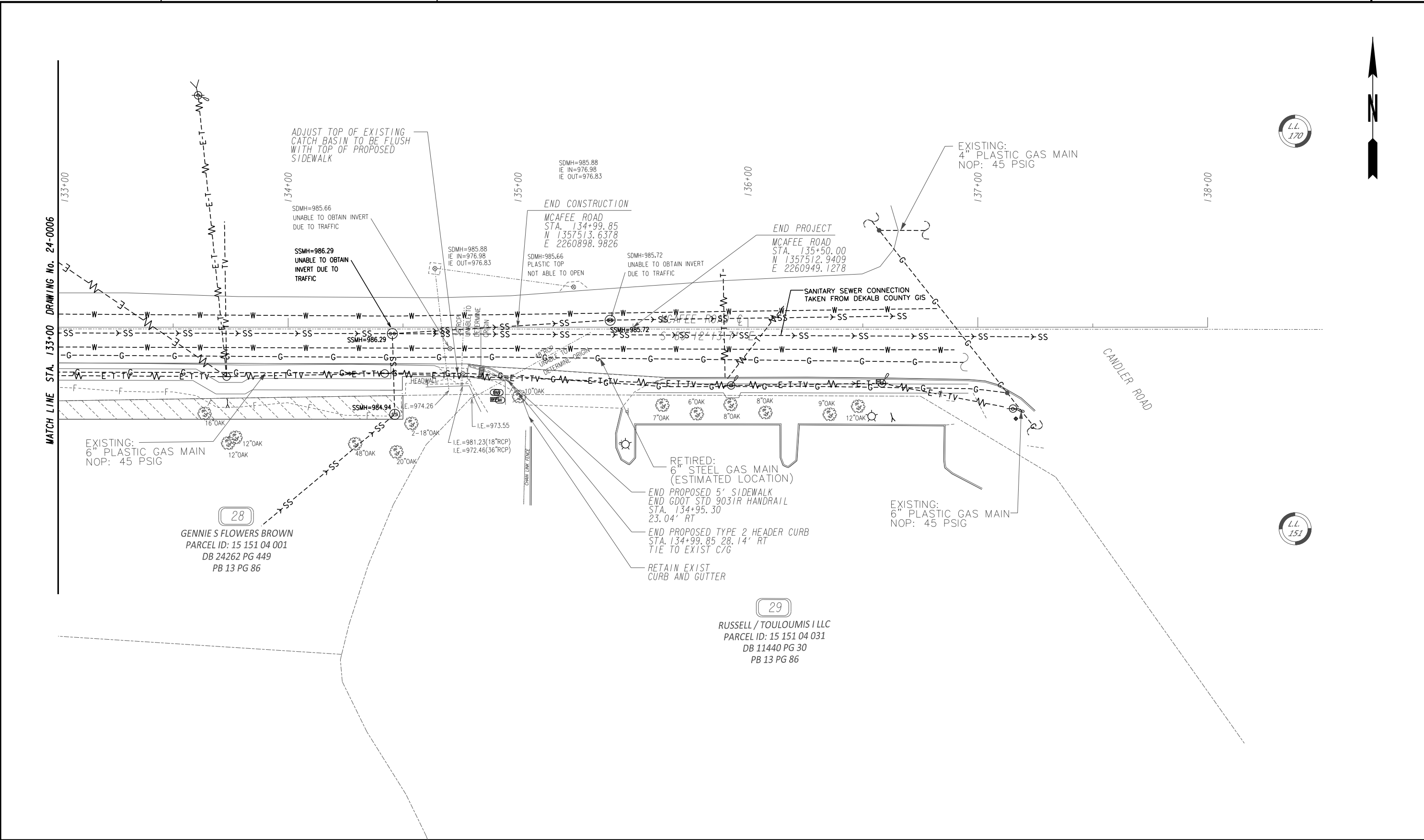
CHECKED:	DATE:	DRAWING No. 24-0005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLAN



REVISION DATES			UTILITY PLANS MCAFFEE ROAD STA. 127+50 TO 133+00				
			CHECKED:		DATE:		DRAWING No. 24-0006
			BACKCHECKED:		DATE:		
			CORRECTED:		DATE:		
			VERIFIED:		DATE:		



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

60

80

REVISION DATES

UTILITY PLANS
MCAFEE ROAD
STA. 133+00 TO 138+00

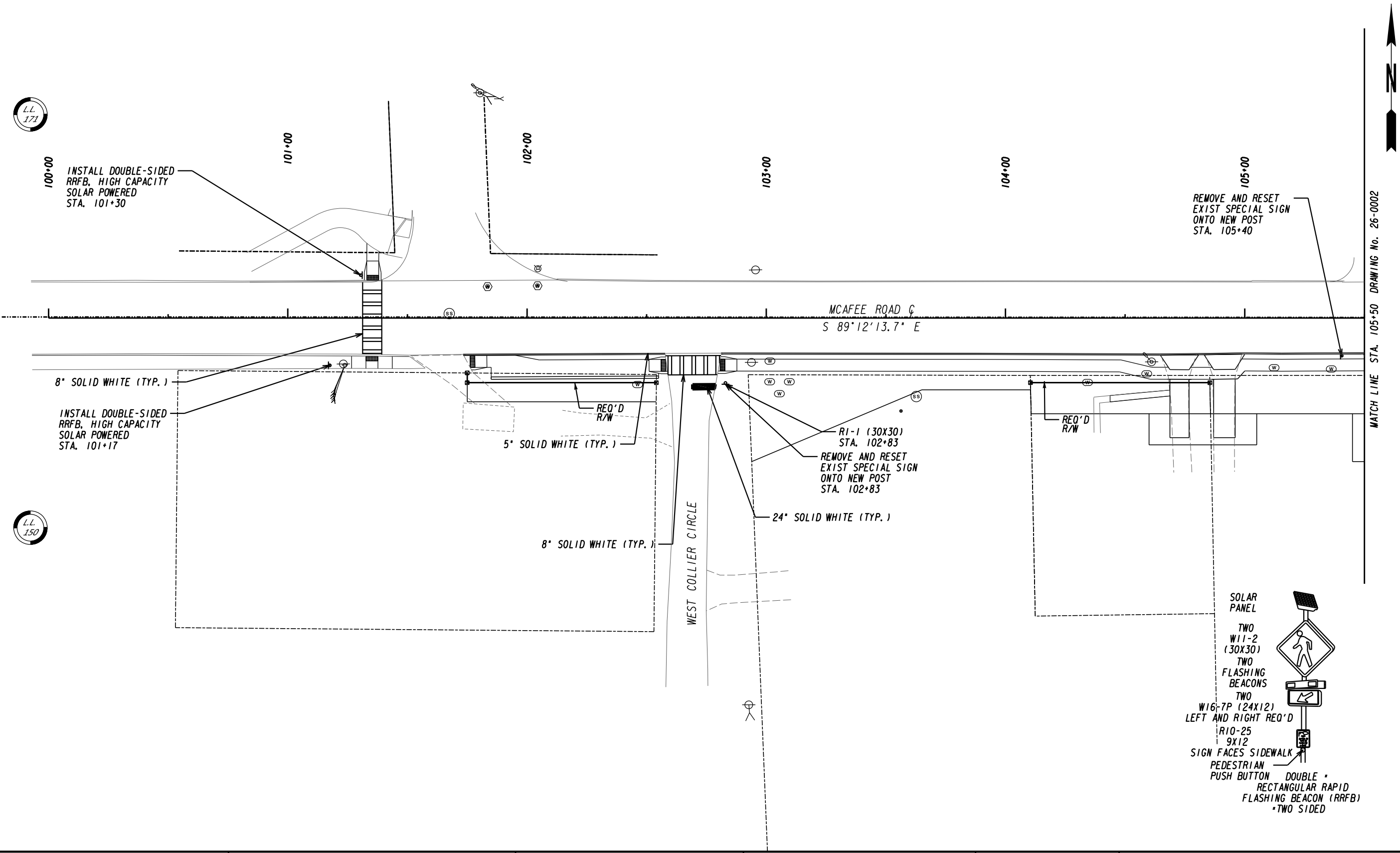
CHECKED:
BACKCHECKED:
CORRECTED:
VERIFIED:

DATE:
DATE:
DATE:
DATE:

DRAWING No.
24-0007

4/28/2016

GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

SIGNING AND MARKING PLANS

MCAFFEE ROAD

STA. 100+00 TO 105+50

CHECKED:

BACKCHECKED:

CORRECTED:

VERIFIED:

DATE:

DATE:

DATE:

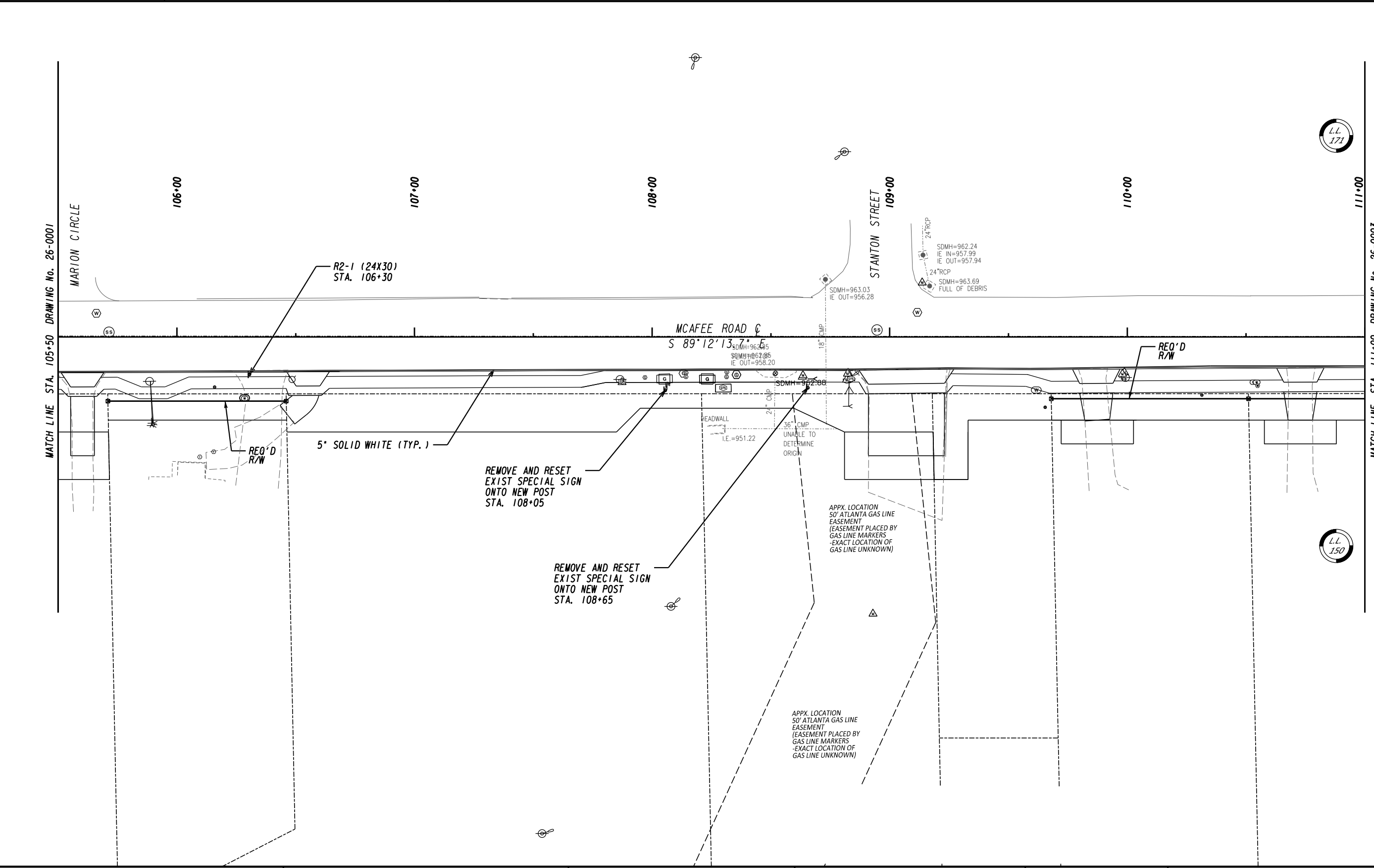
DATE:

DRAWING No.

26-0001

4/28/2016

GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

SIGNING AND MARKING PLANS

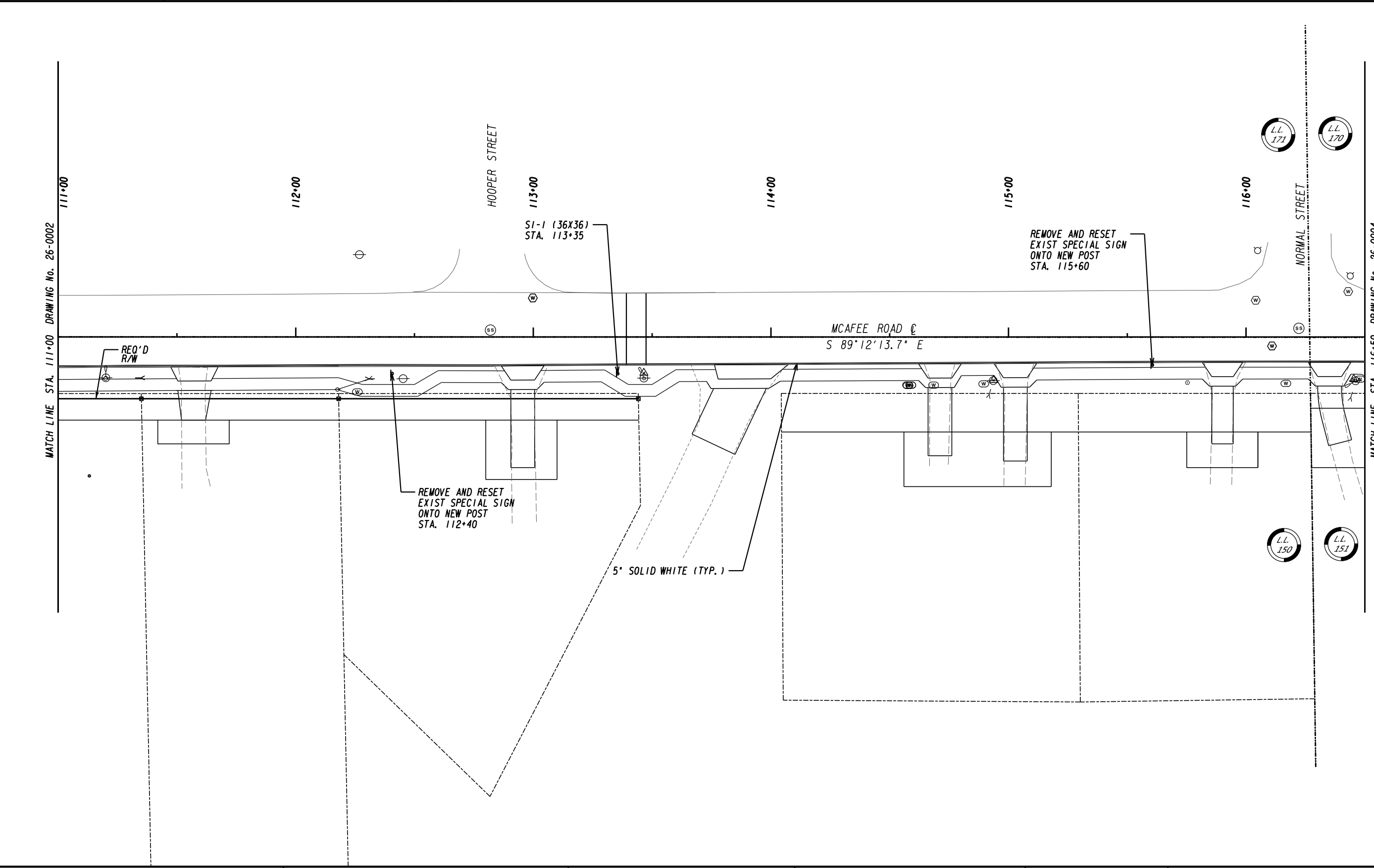
MCAFEE ROAD
STA. 105+50 TO 111+00

CHECKED: _____
BACKCHECKED: _____
CORRECTED: _____
VERIFIED: _____

DATE: _____
DATE: _____
DATE: _____
DATE: _____

DRAWING No.
26-0002

4/28/2016 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

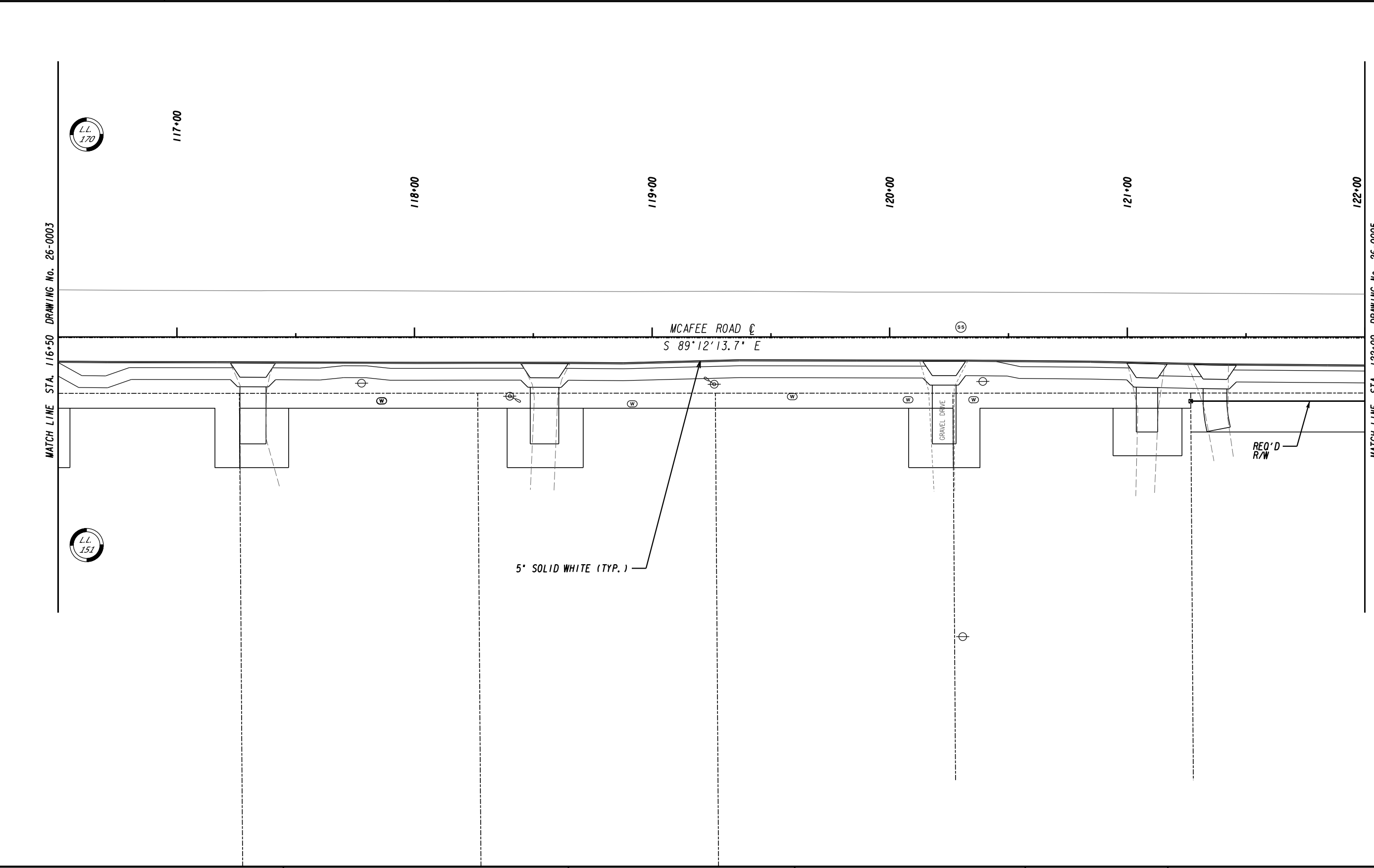
REVISION DATES

SIGNING AND MARKING PLANS

MCAFEE ROAD
STA. 111+00 TO 116+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

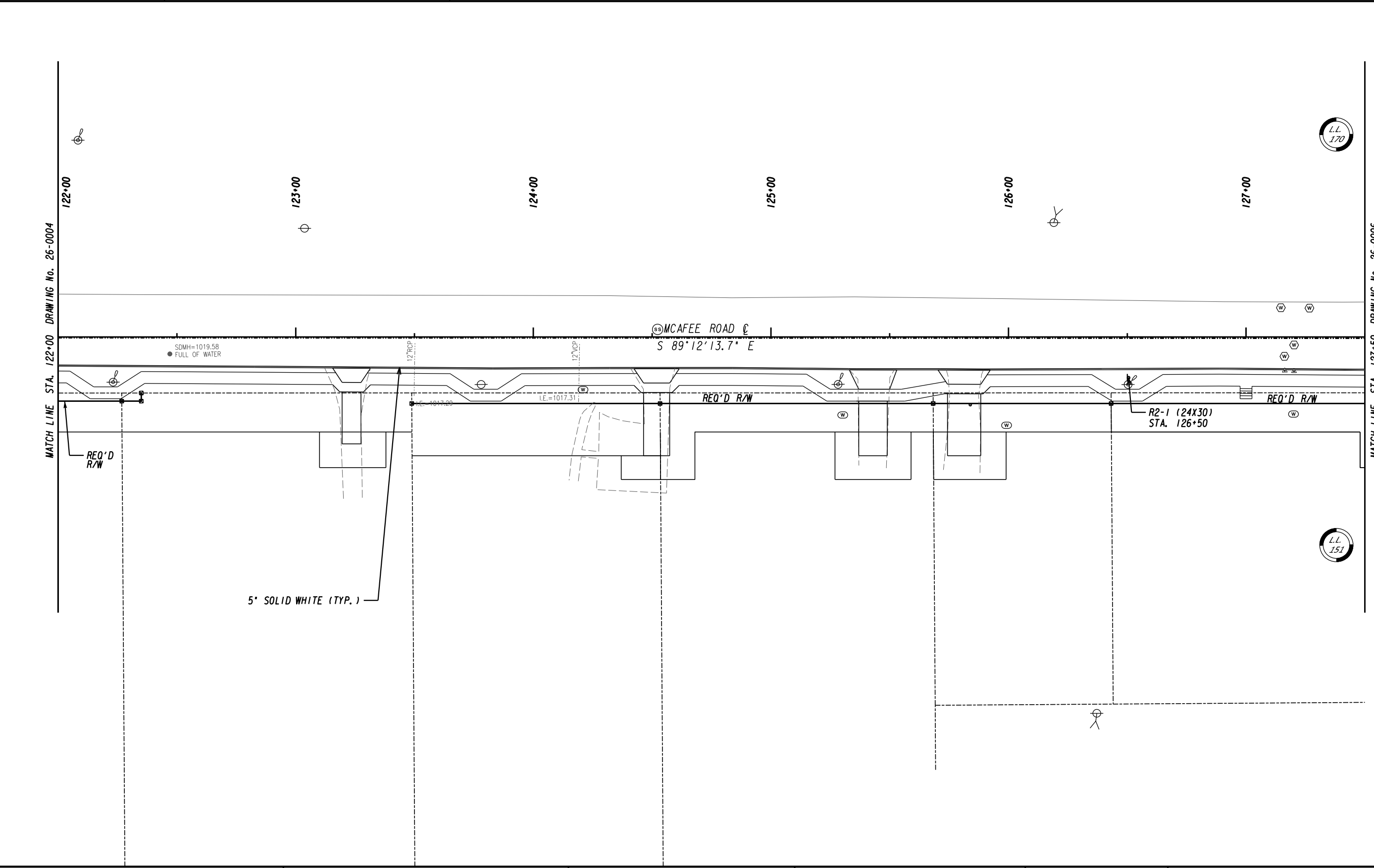
SIGNING AND MARKING PLANS

MCAFEE ROAD
STA. 116+50 TO 122+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

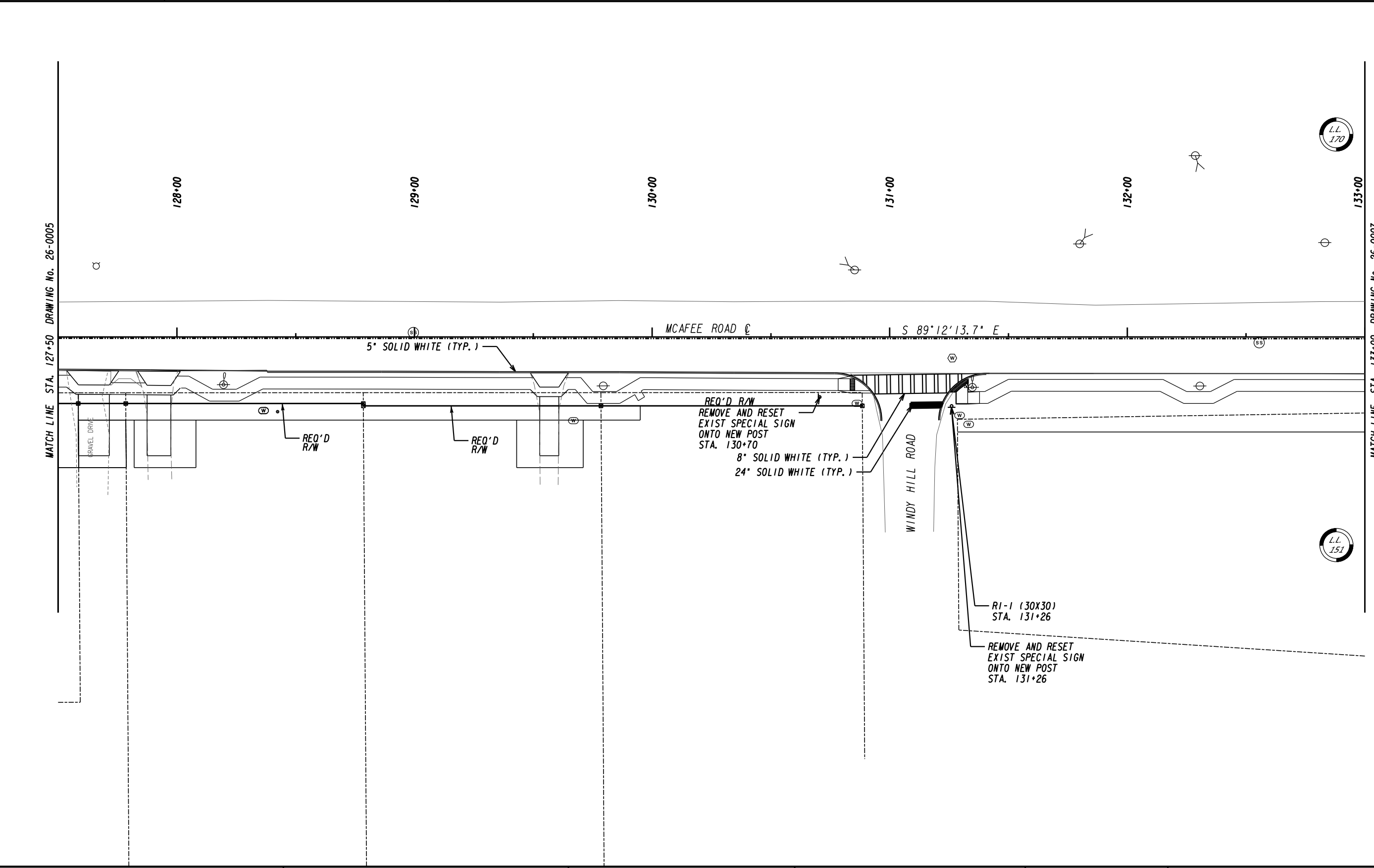
SIGNING AND MARKING PLANS

MCAFFEE ROAD
STA. 122+00 TO 127+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

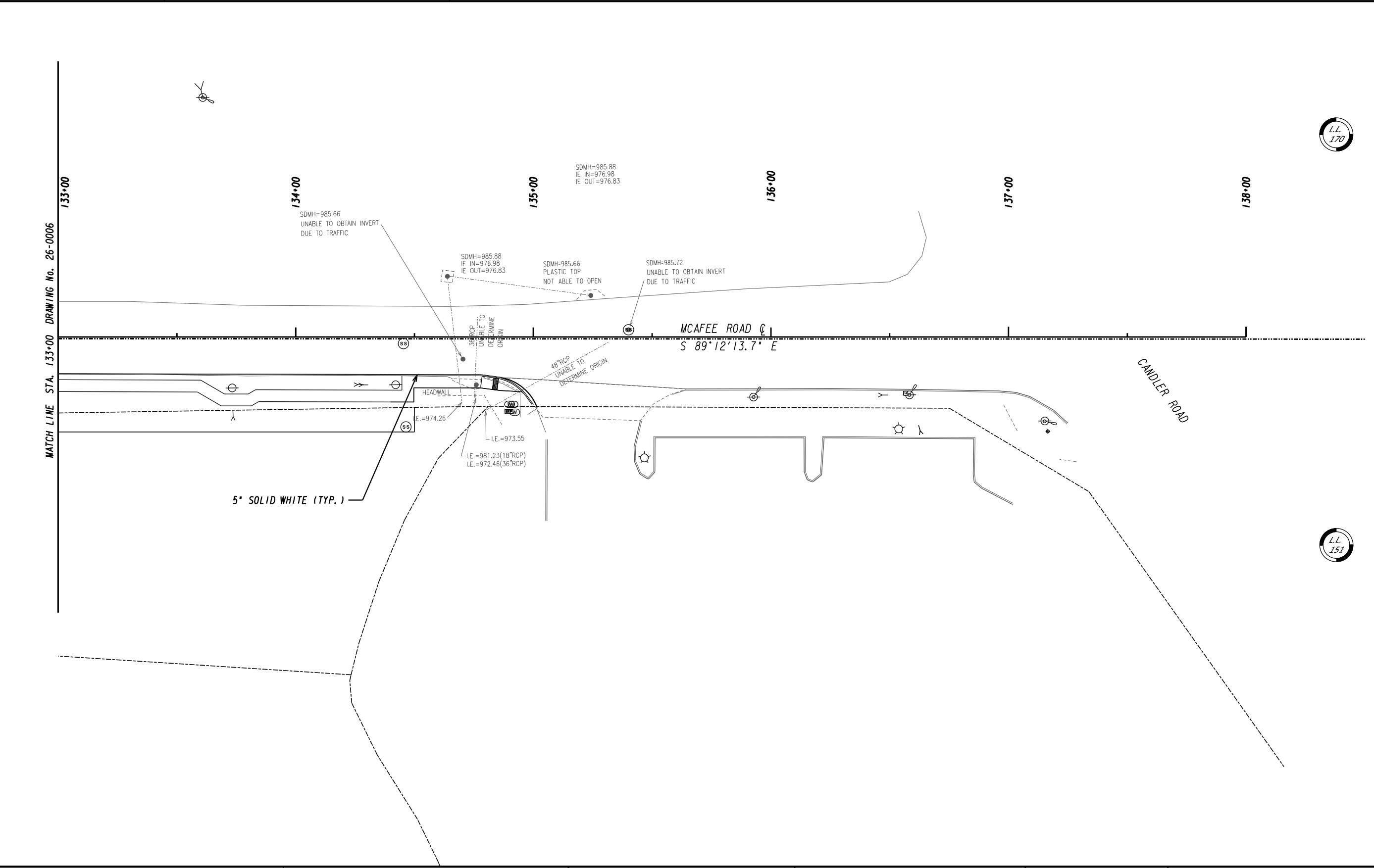
SIGNING AND MARKING PLANS

MCAFEE ROAD
STA. 127+50 TO 133+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

SIGNING AND MARKING PLANS

MCAFFEE ROAD
STA. 133+00 TO 138+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016
GPLN



CHECKED:	DATE:	DRAWING No. 31-0001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

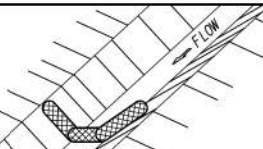
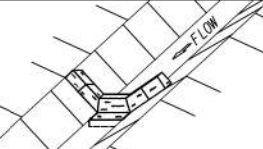
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
	LINE CODE		
ESA	ENVIRONMENTALLY SENSITIVE AREA		AN ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURALLY, OR HISTORICALLY SENSITIVE. ESAs INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, HISTORIC SITES, ARCHAEOLOGICAL SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS. IF WORK IS AUTHORIZED IN THIS AREA, THE WORK MUST BE PERFORMED IN ACCORDANCE WITH SECTION 107 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES.
	LINE CODE		
Bf	BUFFER ZONE		A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS. WHEN NECESSARY, BUFFER ZONES ARE TO BE PROTECTED BY ORANGE BARRIER FENCE.
	SYMBOL		
Ds1	MULCH SECTION 163		THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE PERMANENT VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING. MULCHING REQUIREMENTS ARE ADDRESSED BY STANDARD SPECIFICATIONS AND/OR THE PROJECT ENGINEER. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	SYMBOL		
Ds2	TEMPORARY GRASSING SECTION 163, 700		THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON. IT IS TYPICALLY USED TO CONTROL EROSION IN AREAS LONGER THAN MULCHING IS EXPECTED TO LAST. TEMPORARY GRASSING SHOULD BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATIONS. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	SYMBOL		

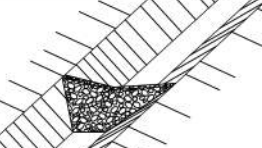
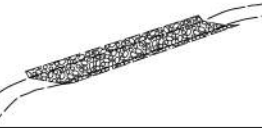
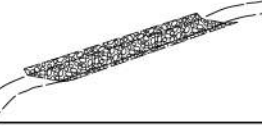
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ds3	PERMANENT GRASSING SECTION 700		THE SOWING OF PERMANENT VEGETATION, SUCH AS GRASS, SUITABLE TO THE AREA AND SEASON. PERMANENT VEGETATION SHALL BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATION. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	SYMBOL		
Ds4	SODDING CONSTRUCTION DETAIL D-54 SECTION 700, 890		THE INSTALLATION OF A SPECIES OF GRASS SODDING SUITABLE TO THE AREA AND SEASON TO PROVIDE IMMEDIATE PERMANENT VEGETATION. SODDING MAY BE SHOWN FOR HIGHLY SENSITIVE AREAS, TO IMPROVE AESTHETICS, OR FOR SPECIAL PLANTING REQUIREMENTS ON THE BASIS OF ENVIRONMENTAL COMMITMENTS OR LANDSCAPING REQUIREMENTS. THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	PATTERN		
F1-Co	FLOCCULANTS COAGULANTS SECTION 163, 700, 895		FLOCCULANTS AND COAGULANTS ARE USED TO SETTLE SUSPENDED SEDIMENT, HEAVY METALS, AND HYDROCARBONS (TSS) IN SLOW MOVING RUNOFF FROM CONSTRUCTION SITES FOR WATER CLARIFICATION. ANIONIC POLYACRYLAMIDES (PAM) MAY BE USED IN CONJUNCTION WITH BMPs WITHIN CHANNELS UPSTREAM OF A POST-CONSTRUCTION POND, TEMPORARY SEDIMENT BASIN, OR TEMPORARY SEDIMENT TRAP. FLOCCULANTS SHALL NOT BE USED DOWNSTREAM OF AFOREMENTIONED BMPs! FLOCCULANTS/COAGULANTS ARE TO BE SHOWN ON PLANS WITH APPLICABLE BMP IF NEEDED. PAYMENT FOR PAM AS A FLOCCULANT WILL BE INCLUDED IN THE PRICE FOR THE INSTALLATION AND/OR MAINTENANCE OF THE BMP IT IS USED IN CONJUNCTION WITH. NO SEPARATE PAYMENT WILL BE MADE.
	SYMBOL		
Sb	STREAMBANK STABILIZATION SECTION 702		STREAMBANK STABILIZATION IS THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAMBANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAMBANK EROSION PROBLEMS. STREAMBANK STABILIZATION AREAS SHOULD BE SHOWN ON THE PLANS WHEN APPLICABLE TO THE PROJECT. REFER TO THE PROJECT'S STREAM AND STREAM BUFFER MITIGATION PLANS FOR PLANT SPECIES, LOCATIONS, AND OTHER PLANTING DETAILS.
	PATTERN		

NOTE:

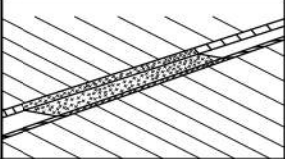
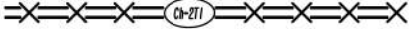
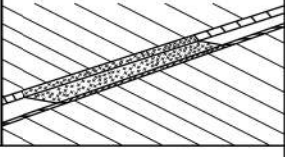
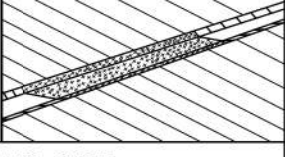
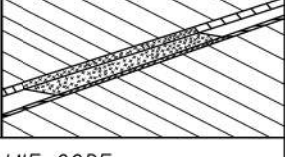
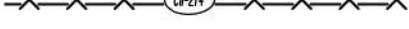
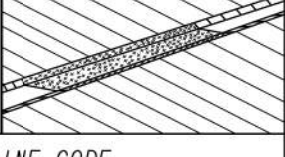
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

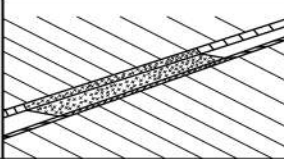
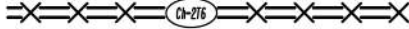
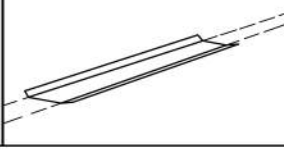
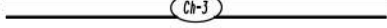
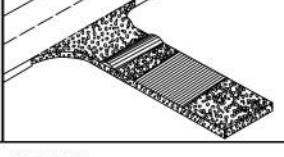
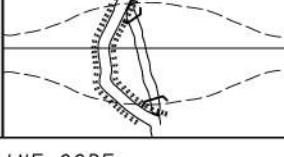
REVISION DATES			EROSION CONTROL LEGEND		
			MCAFEES ROAD		
CHECKED:		DATE:	BACKCHECKED:		DATE:
CORRECTED:		DATE:	VERIFIED:		DATE:
			DRAWING No.		
			52-0001		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716		SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS. SLOPE STABILIZATION MAY BE A ROLLED EROSION CONTROL PRODUCT (RECP) OR A HYDRAULIC EROSION CONTROL PRODUCT (HECP). SLOPE STABILIZATION SHALL BE USED ON ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50 FEET OF ALL CROSS DRAINS AND CULVERTS. NOTE: ONLY COCONUT FIBER BLANKET OR WOOD FIBER BLANKET SHALL BE USED AS SLOPE STABILIZATION WITHIN BUFFERED AREAS.
	PATTERN 		
Tac	TACKIFIERS SECTION 163, 700, 895		TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS AND ARE USED TO TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH. TACKIFIERS REQUIREMENTS, SUCH AS ANIONIC POLYACRYLAMIDES (PAM) ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS. PAM IS TYPICALLY USED BY THE CONTRACTOR FOR TEMPORARY OR PERMANENT GRASSING. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR CRITERIA.
	SYMBOL  POLYACRYLAMIDE		
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171		A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, OVERFLOW WEIR, AND TURF REINFORCEMENT MATTING (TRM) SPLASHPAD PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24D FOR ADDITIONAL INFORMATION AND SPACING REQUIREMENTS. THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS AND WITHIN THE CLEAR ZONE. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
	SYMBOL 		
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		A COMPOST FILTER SOCK CHECK DAM IS COMPOSED OF A PHOTODEGRADABLE OR BIODEGRADABLE KNITTED MESH MATERIAL CONTAINING A WEED FREE FILLER MATERIAL DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THEY SHALL BE PROPERLY STAKED FOR DITCH APPLICATIONS. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR MATERIAL SPECIFICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
	SYMBOL 		
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		A BALE STRAW CHECK DAM IS COMPOSED OF BALES PREFERABLY BOUND WITH WIRE OR NYLON INSTEAD OF TWINE. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING ADJACENT BALES. THE DOWNSTREAM ROW OF BALES SHALL BE PLACED IN A TRENCH TO ALLOW THE TOP OF THE BALE'S LONG, WIDE SIDE TO BE LEVEL WITH THE GROUND AS A NON-ERODIBLE SPLASH PAD. PROPER STAKING IS ALSO REQUIRED FOR DITCH APPLICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
	SYMBOL 		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM GA. STD 1031 SECTION 163, 603		STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE. SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
	SYMBOL 		
Ch-I	VEGETATED CHANNEL STABILIZATION SECTION 700		A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
	LINE CODE 		
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
	LINE CODE 		
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
	LINE CODE 		

- NOTE:
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
 - FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T1	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-2 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T2	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-4 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T3	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-6 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T4	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-8 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T5	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-10 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T6	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-3	CONCRETE CHANNEL STABILIZATION CONSTRUCTION DETAIL D-10, D-49 SECTION 441		CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES >/- 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL D-41 SECTION 163, 800		A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I.E. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLINER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS.
	SYMBOL		ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 0 - 2.5 fps.
	LINE CODE		THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.

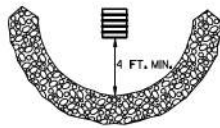
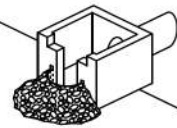
- NOTE:
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
 - FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

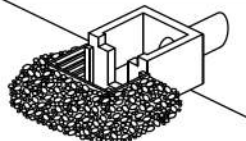
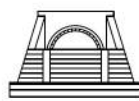
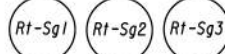
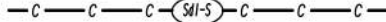
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 2.5 - 9.0 fps.
	SECTION 163	LINE CODE 	THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dc-C	STREAM DIVERSION CHANNEL RIP-RAP & GEOTEXTILE		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIP-RAP AND GEOTEXTILE. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 9.0 - 13.0 fps.
	SECTION 163	LINE CODE 	THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
DI-1	DIVERSION BERM		A NON-DESIGNED TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS 'Dn1' OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
	CONSTRUCTION DETAIL D-47 SECTION 205	LINE CODE 	
DI-2	DIVERSION CHANNEL		A DESIGNED TEMPORARY OR PERMANENT CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO DIVERT OFFSITE RUNOFF AWAY FROM DISTURBED AREAS WITHIN THE PROJECT AREA. CHANNEL FOR OFFSITE RUNOFF SHALL BE STABILIZED WITH APPROPRIATE CHANNEL STABILIZATION.
	SECTION 205	LINE CODE 	REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA. A DIVERSION CHANNEL DETAIL MUST ALSO BE PROVIDED IN THE ESPCP. RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE FLEXIBLE		A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 350 FEET ON 0% - 2% GRADES, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE TYPICAL PIPE SIZE IS A CORRUGATED 10". THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'.
	CONSTRUCTION DETAIL D-19 SECTION 163	LINE CODE 	THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dn2-A	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		A CONCRETE FLUME TYPE 'A' IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
		LINE CODE 	
Dn2-B	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		A CONCRETE FLUME TYPE 'B' IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A BACK SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED OFFSITE WATER REACHES THE CUT SLOPE. IT IS DESIGNED TO SAFELY CONVEY WATER DOWN THE CUT SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
		LINE CODE 	
Dn2-1	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP1, 9017J TP1, DETAIL D-26 TP1 SECTION 576, 577		CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
		LINE CODE 	
Dn2-2	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP2, 9017J TP2, DETAIL D-26 TP2 SECTION 576, 577		CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
		LINE CODE 	

NOTE:

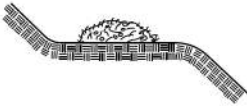
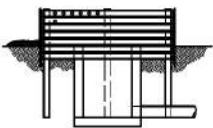
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

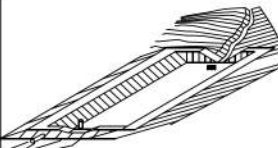
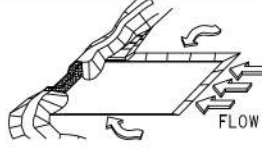
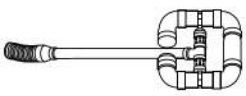
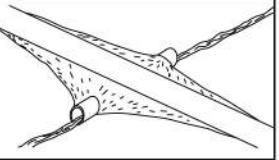
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL D-46 SECTION 163		A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS AND POST-CONSTRUCTION POND OUTLETS. IT REDUCES RUNOFF VELOCITY AND HELPS PREVENT SEDIMENT FROM LEAVING SITE PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR ADDITIONAL INFORMATION ON USAGE.
	SYMBOL 		
Rd	ROCK FILTER DAM CONSTRUCTION DETAIL D-43 SECTION 163, 603		ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP-RAP FACED WITH #57 STONE ON THE UPSTREAM SIDE. THEY ARE PLACED ACROSS DRAINAGEWAYS WHICH DRAIN 50 ACRES OR LESS. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING ROCK FILTER DAMS. THE DAM SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS. ROCK FILTER DAMS SHOULD BE USED IN DITCHES PRIOR TO DISCHARGING INTO STREAMS, WETLANDS, OPEN-WATERS, OR OTHER ESAs.
	SYMBOL 		
Rd-B	STONE FILTER BERM CONSTRUCTION DETAIL D-50 SECTION 163, 603		STONE FILTER BERMS ARE CONSTRUCTED SIMILAR TO ROCK FILTER DAMS FOR A LINEAR APPLICATION. THEY ARE CONSTRUCTED OF TYPE-3 STONE RIP-RAP FACED WITH #57 STONE ON THE UPSTREAM SIDE. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE FILTER BERMS. STONE FILTER BERMS ARE IDEAL ALONG THE PERIMETER FOR SHEET FLOW AND/OR SHALLOW CONCENTRATED FLOW TO A COMMON LOW AREA WHERE PERIMETER SILT FENCE ALONE MAY BE INSUFFICIENT. THERE IS NO WELL-DEFINED CHANNEL FOR A STANDARD ROCK FILTER DAM. AND/OR CONSTRUCTING A ROCK OUTLET TEMPORARY SEDIMENT TRAP IS NOT APPLICABLE.
	LINE CODE 		
Rp	RIP-RAP SECTION 603		RIP-RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND BRIDGE END ROLLS. RIP-RAP TYPE-I SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS. RIP-RAP MAY ALSO BE USED AT DRAINAGE STRUCTURE OUTLETS WITHIN THE RIGHT-OF-WAY. HOWEVER, APPROPRIATE OUTLET PROTECTION SHOULD BE PROVIDED AT OUTFALLS. REFER TO STORM DRAIN OUTLET PROTECTION FOR ADDITIONAL INFORMATION ON USING RIP-RAP AT OUTFALLS.
	PATTERN 		
Rt-P	RETROFITTING PERFORATED HALF-ROUND PIPE CONSTRUCTION DETAIL D-44 SECTION 163		A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
	SYMBOL 		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Rt-B	RETROFITTING SLOTTED BOARD DAM CONSTRUCTION DETAIL D-45 SECTION 163		A SLOTTED BOARD DAM CONSISTS OF STONE AND/OR FILTER FABRIC AND BOARDS WITH 0.5' - 1.0' SPACING TO SERVE AS A TEMPORARY SEDIMENT FILTER. PERMANENT STORMWATER DETENTION POND OUTLET: -DRAINAGE AREA UP TO 100 ACRES -DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA ROADWAY DRAINAGE STRUCTURE: -OPEN END PIPES, WINGED HEADWALLS, OR CONCRETE WEIR OUTLETS WITH DRAINAGE AREA LESS THAN 30 ACRES REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
	SYMBOL 		
Rt-Sg1 Rt-Sg2 Rt-Sg3	RETROFITTING SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163	 FRONT VIEW	A SILT CONTROL GATE CONSISTS OF BOARDS WITHOUT SPACING AND FILTER FABRIC TO BE USED FOR TEMPORARY SEDIMENT STORAGE ON ROADWAY PROJECTS AT THE INLET OF STRUCTURES WITH A DRAINAGE AREA UP TO 50 ACRES. THE DISTURBED AREA WITHIN THE DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. SILT CONTROL GATES SHOULD NOT BE USED ALONE, BUT WITH ANOTHER BMP DOWNSTREAM PRIOR TO DISCHARGE LEAVING PROJECT AREA. DO NOT USE SILT GATES IN STATE WATERS. Rt-Sg1=TYPE 1: USED ON BOX CULVERTS Rt-Sg2=TYPE 2: USED ON STRAIGHT HEADWALLS Rt-Sg3=TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS
		SYMBOL 	
SdI-NS	SEDIMENT BARRIER (NON-SENSITIVE) SILT FENCE TYPE A CONSTRUCTION DETAIL D-24 SECTION 171		SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-A SILT FENCE IS TYPICALLY USED IN NON-ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS LESS THAN 10'. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.
	LINE CODE 		
SdI-S	SEDIMENT BARRIER (SENSITIVE) SILT FENCE TYPE C CONSTRUCTION DETAIL D-24 SECTION 171		SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-C SILT FENCE IS TYPICALLY USED IN ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS 10' AND GREATER. ALL ENVIRONMENTALLY SENSITIVE AREAS (ESAs) SHALL BE PROTECTED WITH A DOUBLE-ROW OF TYPE-C SILT FENCE REGARDLESS OF FILL HEIGHT. A SINGLE-ROW MAY BE USED FOR OTHER APPLICATIONS. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.
	LINE CODE 		

NOTE:

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd1-BB	SEDIMENT BARRIER BRUSH BARRIER CONSTRUCTION DETAIL D-24B SECTION 201		THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES ONLY DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE (10 FEET OR MORE). THE BARRIER SHOULD RUN ROUGHLY PERPENDICULAR TO THE FLOW OF WATER WHERE THIS DOES NOT CONFLICT WITH RIGHT-OF-WAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS.
	LINE CODE * * * Sd1-BB * * *		TYPICALLY NOT SHOWN ON PLANS. PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE.
Sd2-B	INLET SEDIMENT TRAP (BAFFLE BOX) CONSTRUCTION DETAIL D-42 SECTION 163		BAFFLE BOX INLET SEDIMENT TRAP USED FOR INLETS RECEIVING HIGH FLOW RATE AND/OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES 7 cfs AND GREATER.
	SYMBOL Sd2-B		
Sd2-Bg	INLET SEDIMENT TRAP (BLOCK & GRAVEL) CONSTRUCTION DETAIL D-42 SECTION 163		BLOCK AND GRAVEL DROP INLET PROTECTION USED FOR WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 5 - 7 cfs.
	SYMBOL Sd2-Bg		
Sd2-F	INLET SEDIMENT TRAP (FILTER FABRIC) CONSTRUCTION DETAIL D-42 SECTION 163	 OR  OR 	(a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5%.
	SYMBOL Sd2-F		THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOW RATES THAT RANGE FROM 0 - 4 cfs.
Sd2-G	INLET SEDIMENT TRAP (GRAVEL) CONSTRUCTION DETAIL D42 SECTION 163		GRAVEL DROP INLET PROTECTION USED WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 3 - 5 cfs.
	SYMBOL Sd2-G		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd3	TEMPORARY SEDIMENT BASIN CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BASIN CREATED BY EXCAVATING AN AREA, DAMMING CONCENTRATED FLOW, OR A COMBINATION OF BOTH. THE BASIN IS DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DRAINAGE AREA. THE DRAINAGE AREA SHOULD NOT EXCEED 150 ACRES. BASINS TYPICALLY CONSISTS OF A DAM, PRINCIPAL SPILLWAY, AND AN EMERGENCY SPILLWAY. A FLOATING SURFACE SKIMMER SHALL BE REQUIRED AS PART OF THE PRINCIPAL SPILLWAY UNLESS INFEASIBLE. SUFFICIENT RIGHT-OF-WAY OR EASEMENT IS NEEDED FOR BASIN CONSTRUCTION AND MAINTENANCE ACCESS.
	SYMBOL Sd3		SEDIMENT BASINS SHALL BE CONSIDERED ON ALL PROJECTS, BUT MAY NOT BE PRACTICAL. BASINS SHOULD BE LOCATED TO MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES AND UTILITIES. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
Sd4-C	ROCK OUTLET TEMPORARY SEDIMENT TRAP CONSTRUCTION DETAIL D-53 SECTION 163		TEMPORARY POND WITH ROCK OUTLET DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER DRAINAGE AREA. DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. DISTINGUISHED FROM TEMPORARY SEDIMENT BASIN BY LACK OF PRINCIPAL SPILLWAY. MAXIMUM POND DEPTH FROM BOTTOM OF POND TO EMERGENCY SPILLWAY IS 4 FEET.
	SYMBOL Sd4-C		A TEMPORARY SEDIMENT BASIN SHALL BE EVALUATED PRIOR TO CONSIDERING A TEMPORARY SEDIMENT TRAP. A TEMPORARY SEDIMENT TRAP IS IDEAL FOR SMALL AREAS WITH NO UNUSUAL DRAINAGE FEATURES AND EFFECTIVE AGAINST COARSE SEDIMENT, BUT NOT AGAINST SILT OR CLAY PARTICLES THAT REMAIN SUSPENDED. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
Sk	FLOATING SURFACE SKIMMER CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BUOYANT DEVICE THAT DRAINS WATER FROM THE SURFACE OF A TEMPORARY SEDIMENT BASIN AT A CONTROLLED FLOW RATE. THE INLET/ORIFICE SIZE IS DESIGNED TO DRAIN THE BASIN WITHIN 24 - 48 HOURS. THE SKIMMER INFORMATION SHALL BE PROVIDED IN CONJUNCTION WITH THE SEDIMENT BASIN INFORMATION IN PLANS. IF A SKIMMER IS INFEASIBLE, THE DESIGNER SHALL PROVIDE A WRITTEN JUSTIFICATION IN THE PLANS.
	SYMBOL Sk		SKIMMERS ARE ATTACHED TO A RISER WITHOUT PERFORATIONS AND ACTS AS THE PRIMARY SPILLWAY. THE SKIMMER BMP SYMBOL SHALL BE SHOWN IN CONJUNCTION WITH THE TEMPORARY SEDIMENT BASIN BMP SYMBOL WHEN APPLICABLE. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR ADDITIONAL INFORMATION.
Sr	TEMPORARY STREAM CROSSING SECTION 107		A TEMPORARY STRUCTURE INSTALLED ACROSS A FLOWING STREAM OR WATERCOURSE FOR USE BY CONSTRUCTION EQUIPMENT. THIS BMP PROVIDES A MEANS TO CROSS STREAMS OR WATERCOURSES WITHOUT MOVING SEDIMENT INTO STREAMS, DAMAGING THE STREAM BED OR CHANNEL, OR CAUSING FLOODING. THIS BMP SHOULD NOT BE USED ON STREAMS WITH DRAINAGE AREAS GREATER THAN ONE SQUARE MILE, UNLESS SPECIFICALLY DESIGNED TO ACCOMMODATE THE ADDITIONAL DRAINAGE AREA BY THE DESIGN PROFESSIONAL. A CERTIFICATION STATEMENT AND SIGNATURE SHALL ACCOMPANY THE DESIGN.
	SYMBOL Sr		THIS BMP SHALL BE DESIGNED ACCORDING TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'. FOR CONTRACTOR'S USE ONLY!

NOTE:

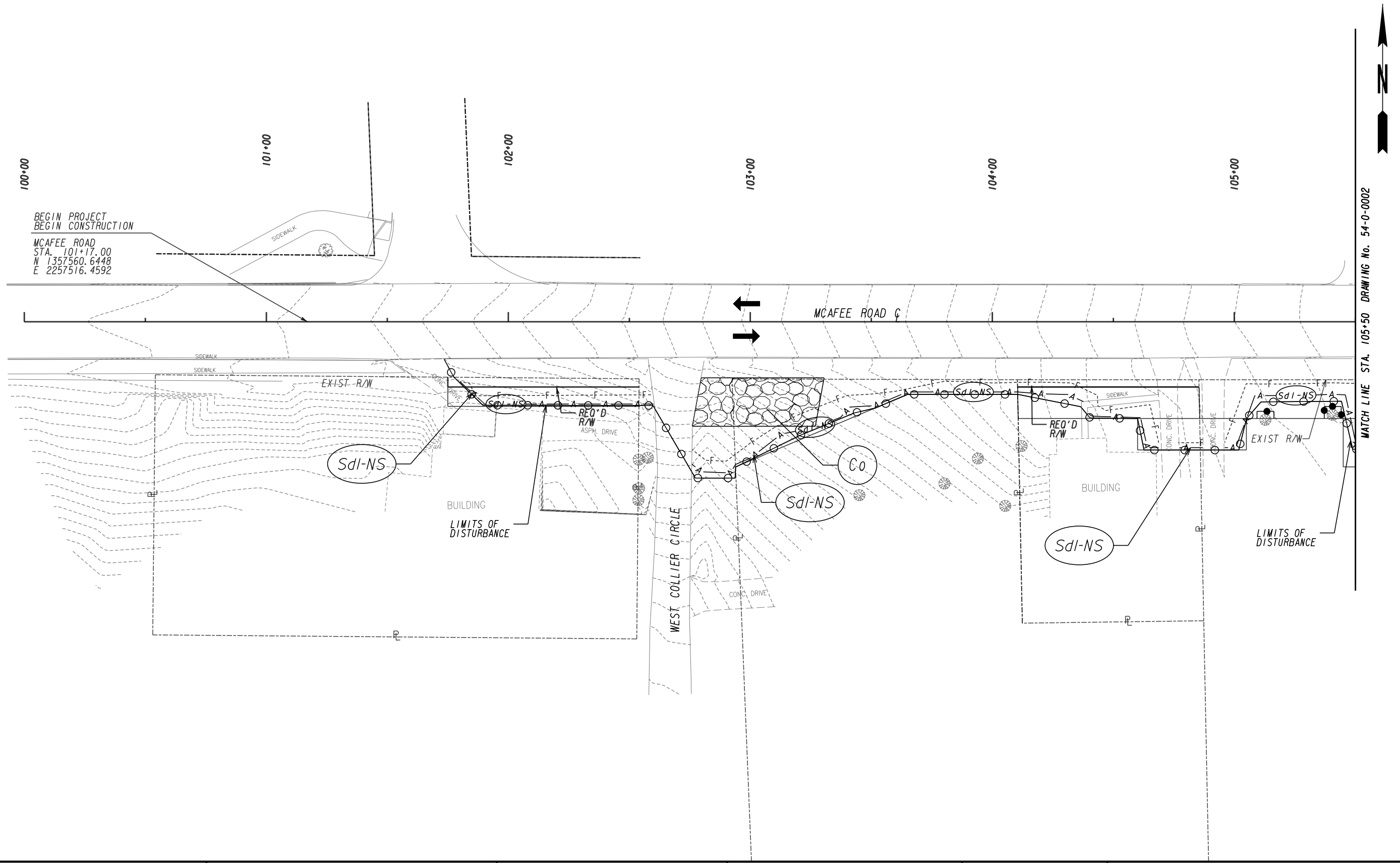
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.

2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA (SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

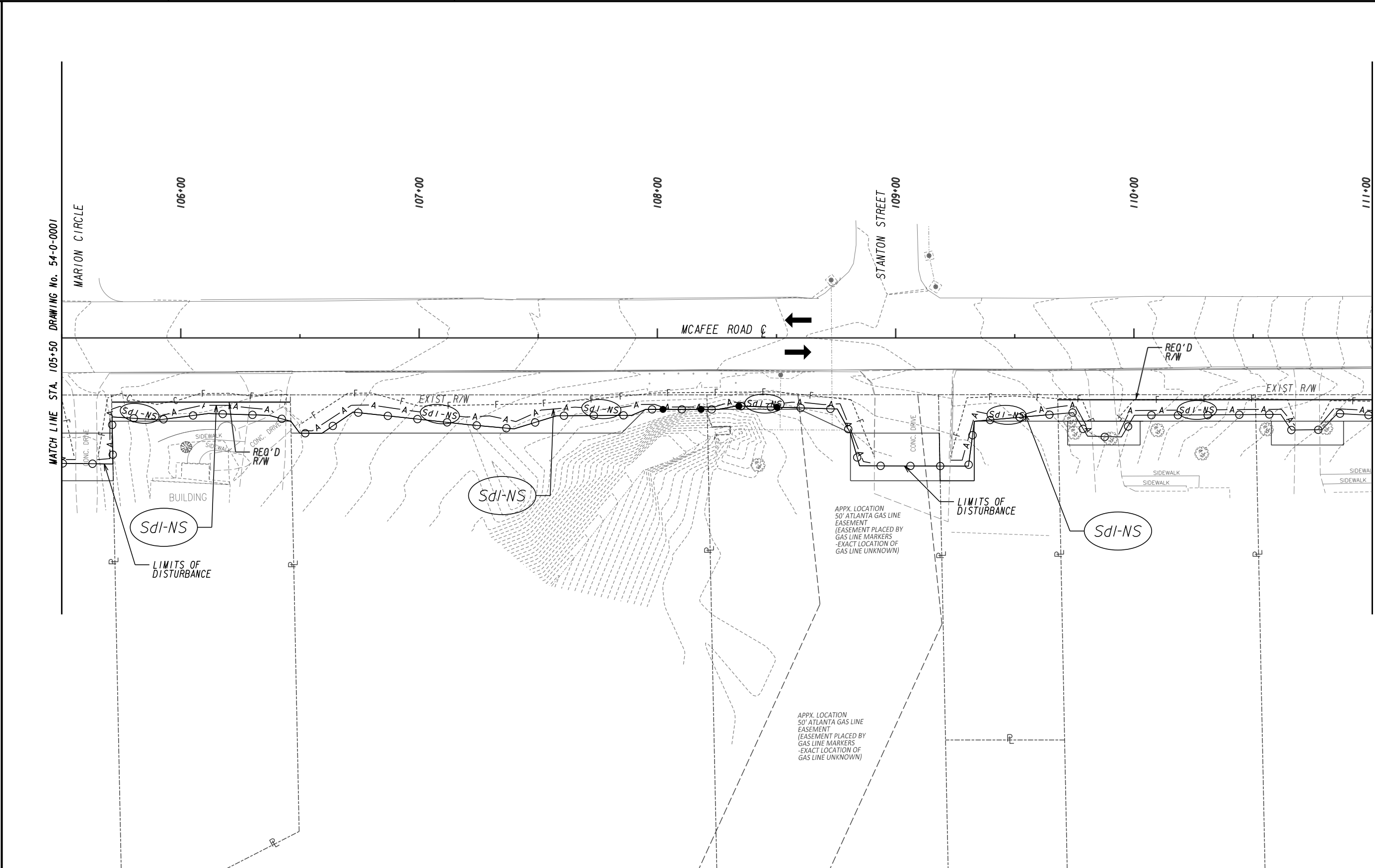
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
(INITIAL)
MCAFFEE ROAD
STA. 100+00 TO 105+50

CHECKED:	DATE:	DRAWING No. 54-0-0001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

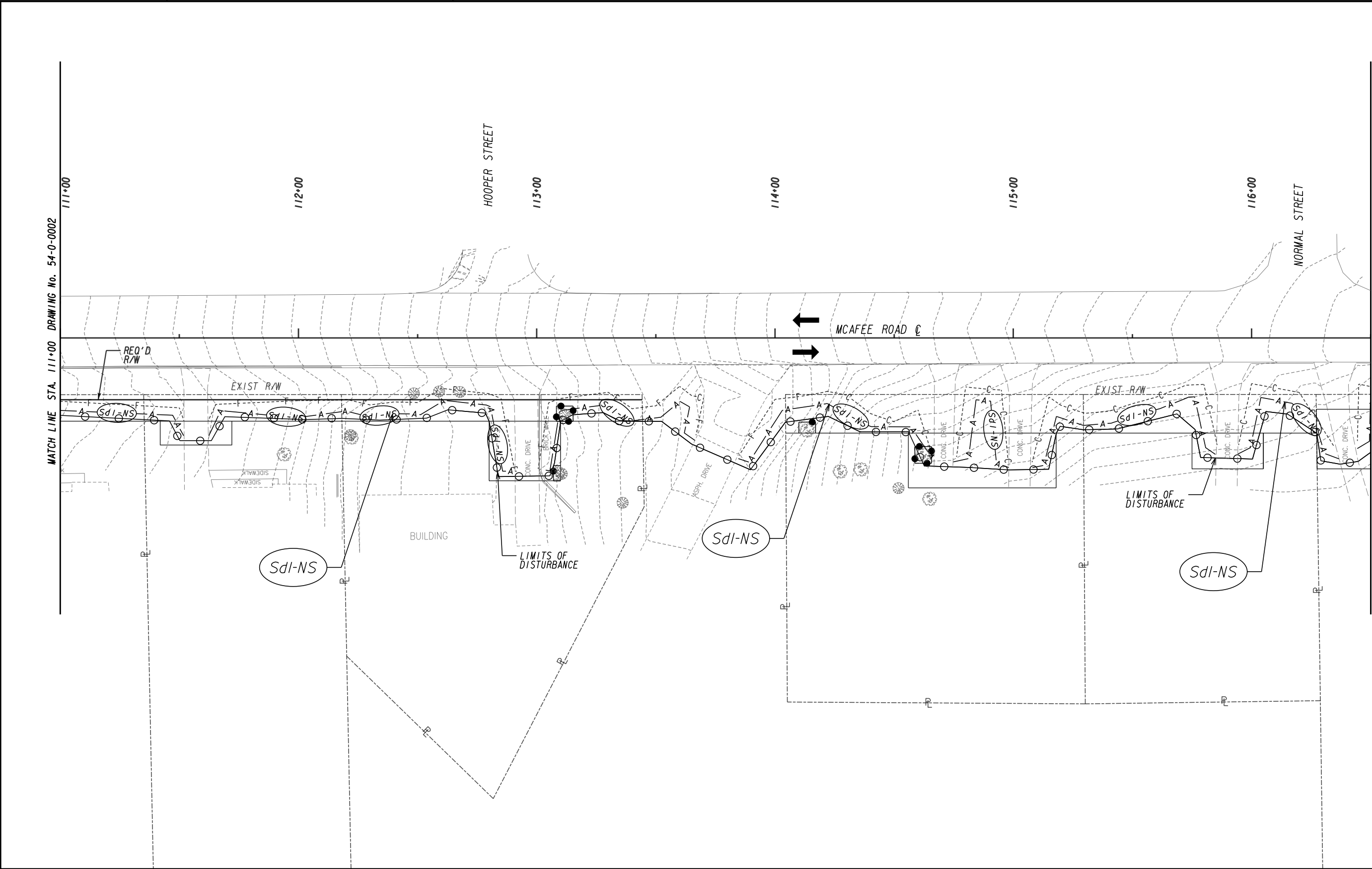
0 20 40 80

REVISION DATES	

**BMP LOCATION DETAILS
(INITIAL)**

MCAFFEE ROAD
STA. 105+50 TO 111+00

CHECKED:	DATE:	DRAWING No. 54-0-0002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND
PERMANENT FULL DEPTH CONSTRUCTION
PERMANENT OVERLAY CONSTRUCTION
TEMPORARY CONSTRUCTION PAVEMENT
PAVEMENT REMOVAL
OPEN LANES OF TRAFFIC

LEGEND
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

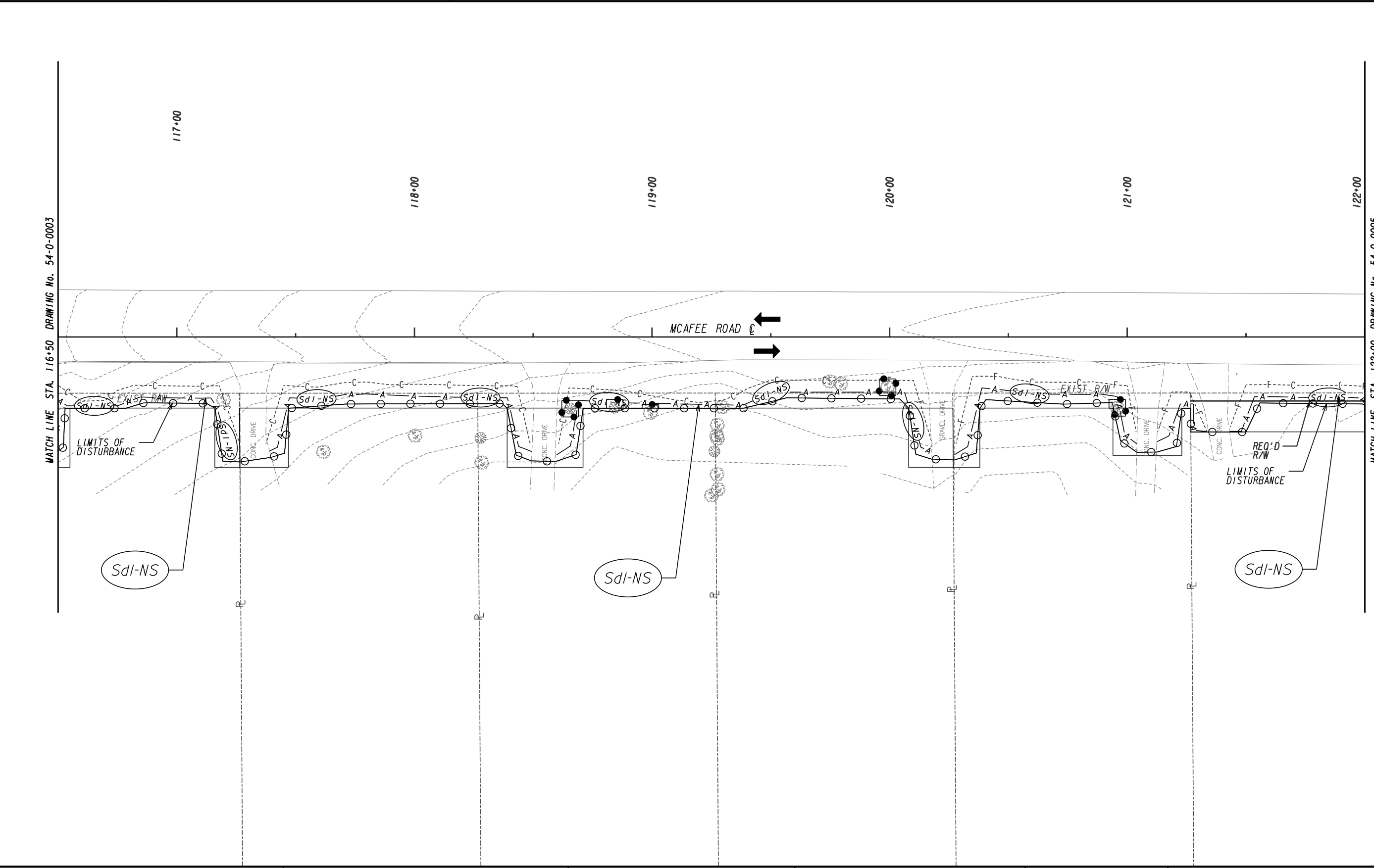
SCALE IN FEET
0 20 40 60 80

REVISION DATES

**BMP LOCATION DETAILS
(INITIAL)**
MCAFEE ROAD
STA. 111+00 TO 116+50

CHECKED:	DATE:	DRAWING No. 54-0-0003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



LEGEND
PERMANENT FULL DEPTH CONSTRUCTION
PERMANENT OVERLAY CONSTRUCTION
TEMPORARY CONSTRUCTION PAVEMENT
PAVEMENT REMOVAL
OPEN LANES OF TRAFFIC

LEGEND
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

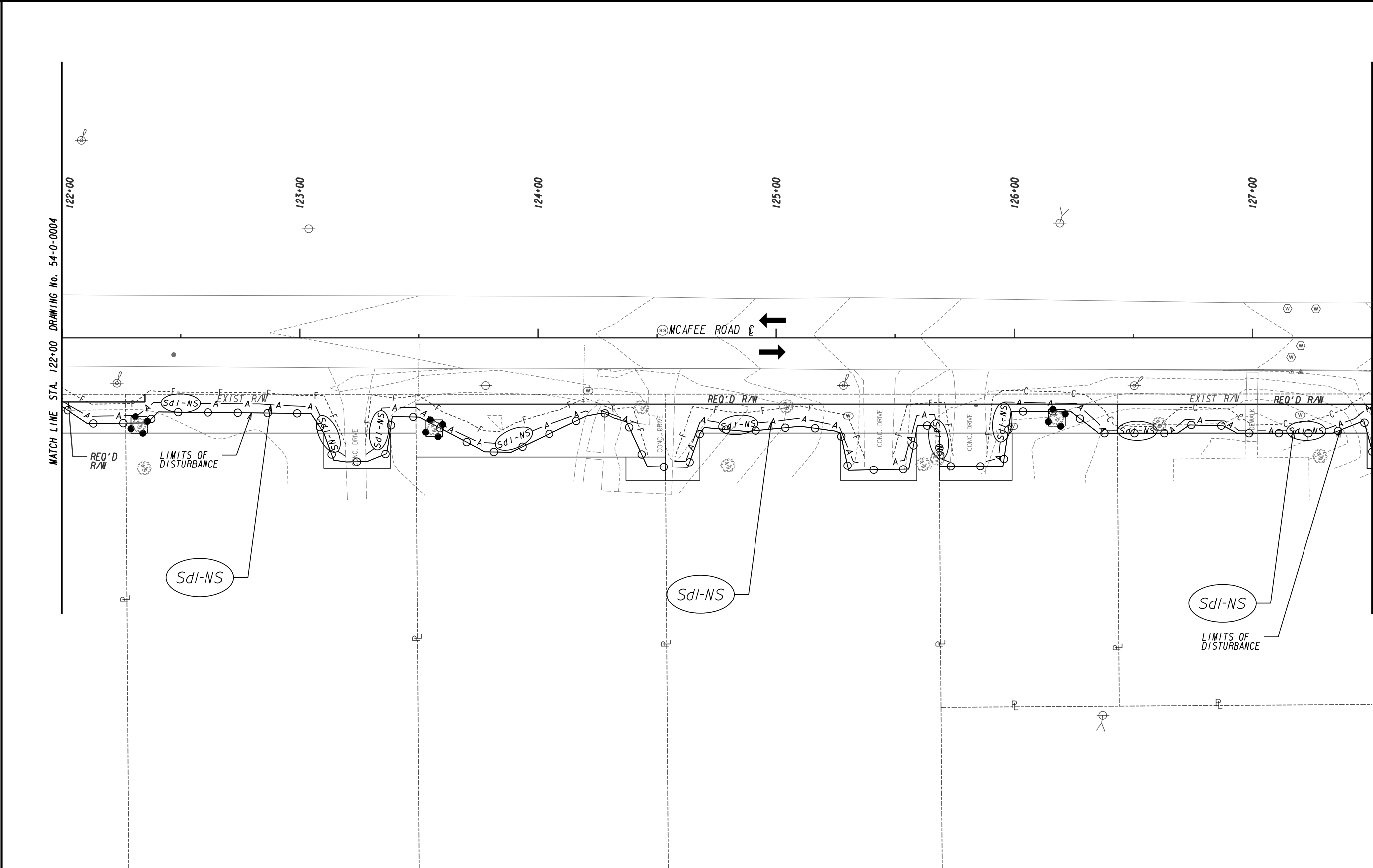
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

REVISION DATES

**BMP LOCATION DETAILS
(INITIAL)**
MCAFEE ROAD
STA. 116+50 TO 122+00

CHECKED:		DATE:		DRAWING No. 54-0-0004
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
(INITIAL)

MCAFFEE ROAD
STA. 122+00 TO 127+50

CHECKED:

BACKCHECKED:

CORRECTED:

VERIFIED:

DATE:

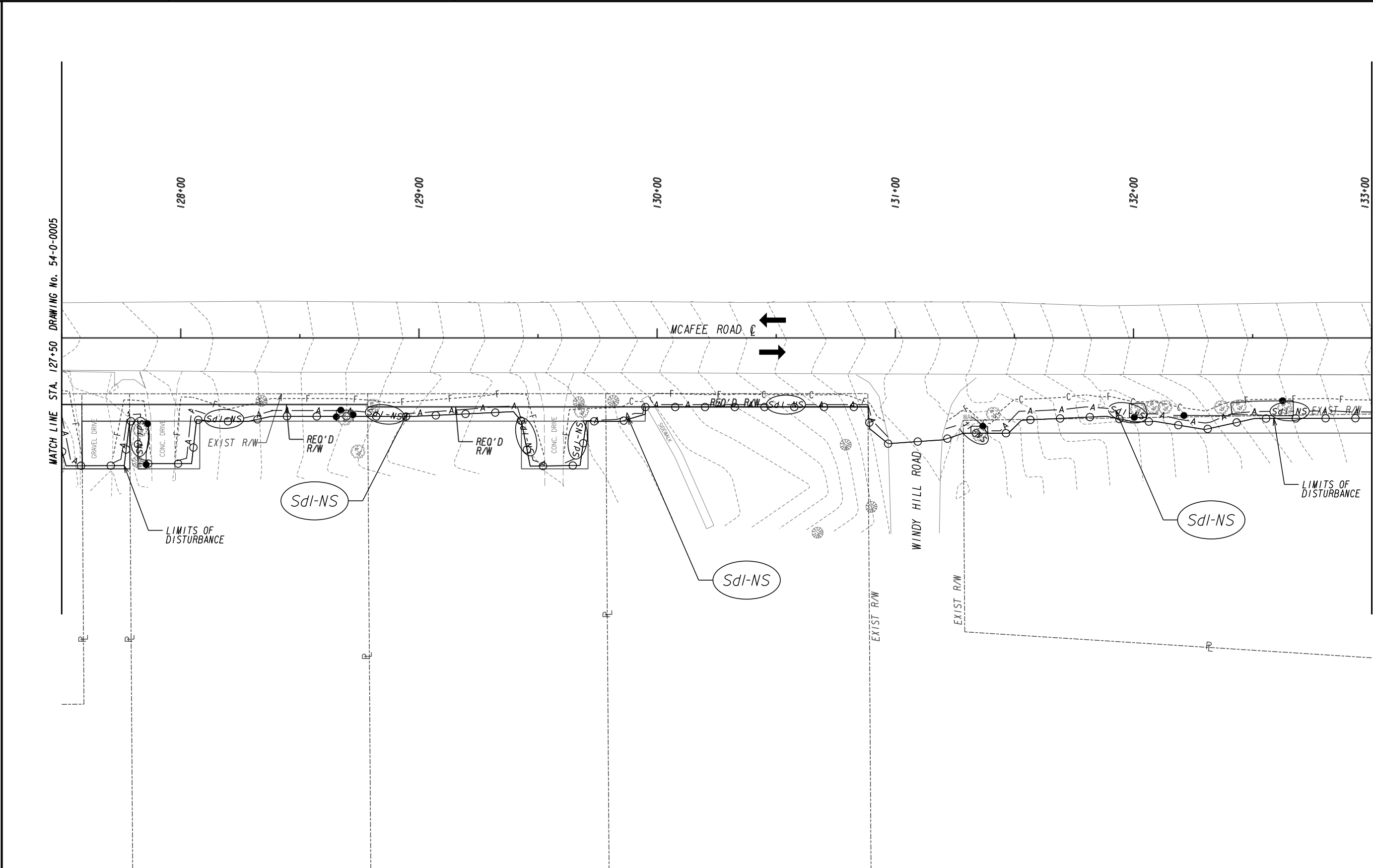
DATE:

DATE:

DATE:

DRAWING No.
54-0-0005

4/28/2016 GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100
Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

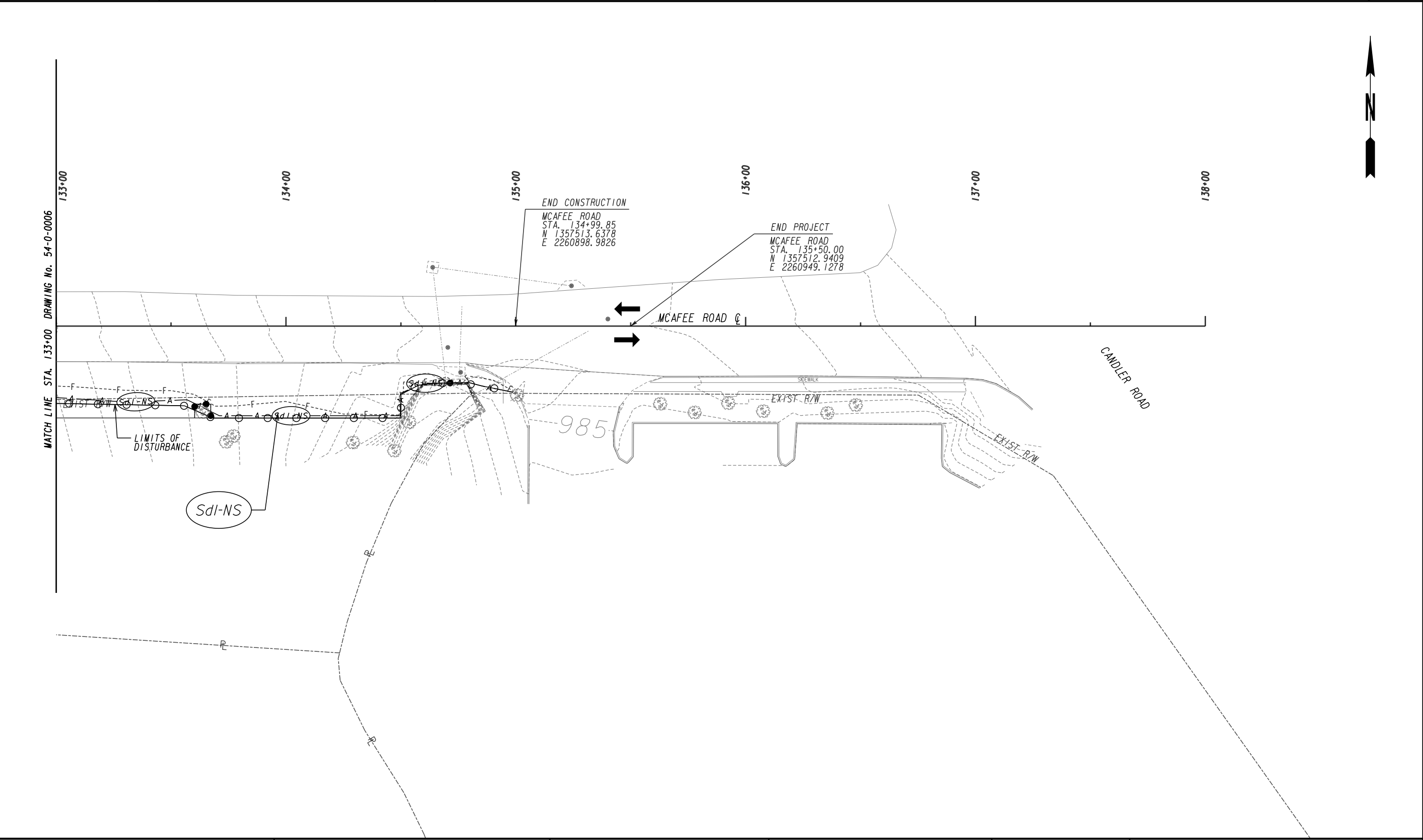
0 20 40 80

REVISION DATES

**BMP LOCATION DETAILS
(INITIAL)**
MCAFFEE ROAD
STA. 127+50 TO 133+00

CHECKED:	DATE:	DRAWING No. 54-0-0006
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

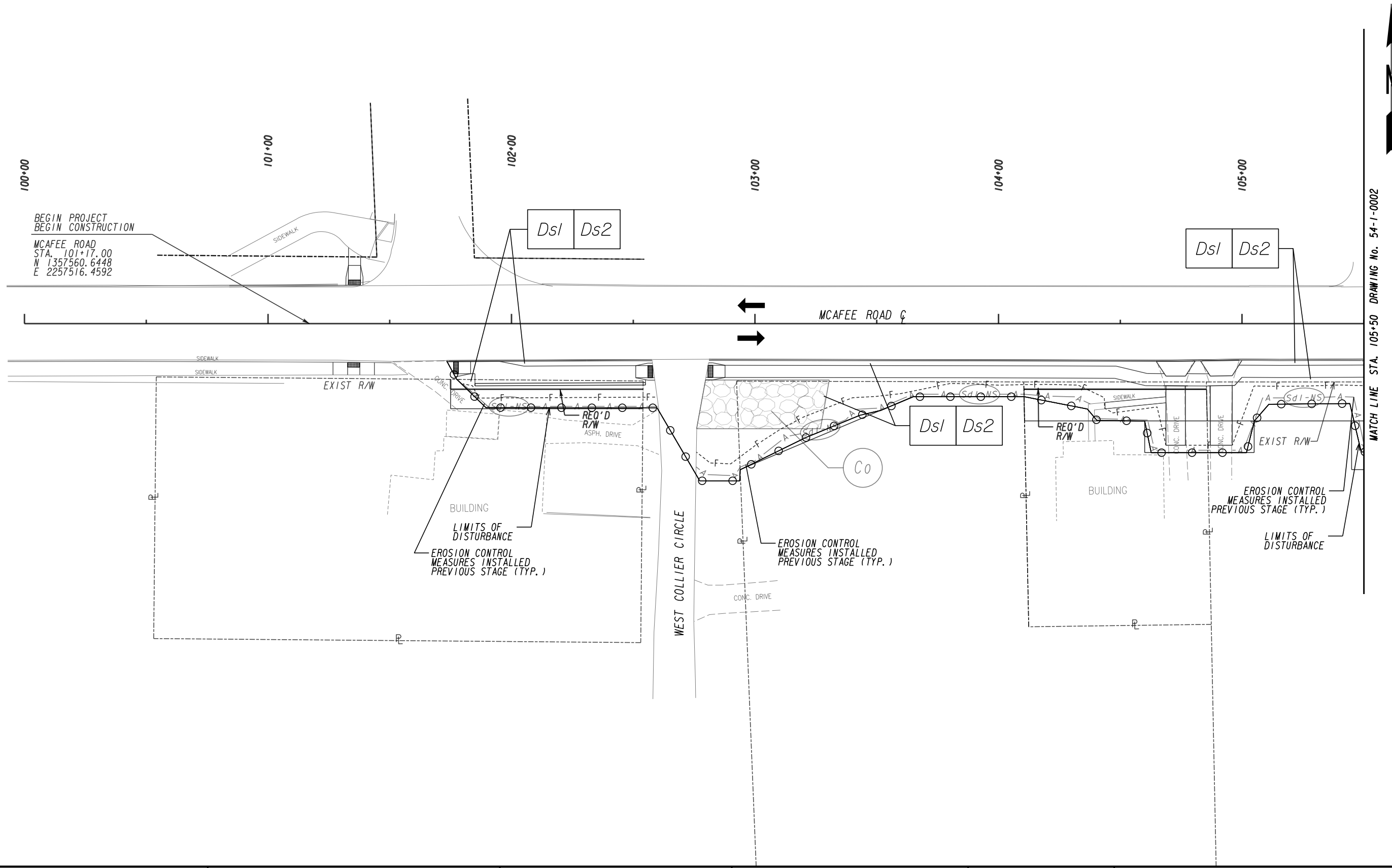
REVISION DATES

BMP LOCATION DETAILS
(INITIAL)
MCAFEE ROAD
STA. 133+00 TO 138+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0 20 40 80

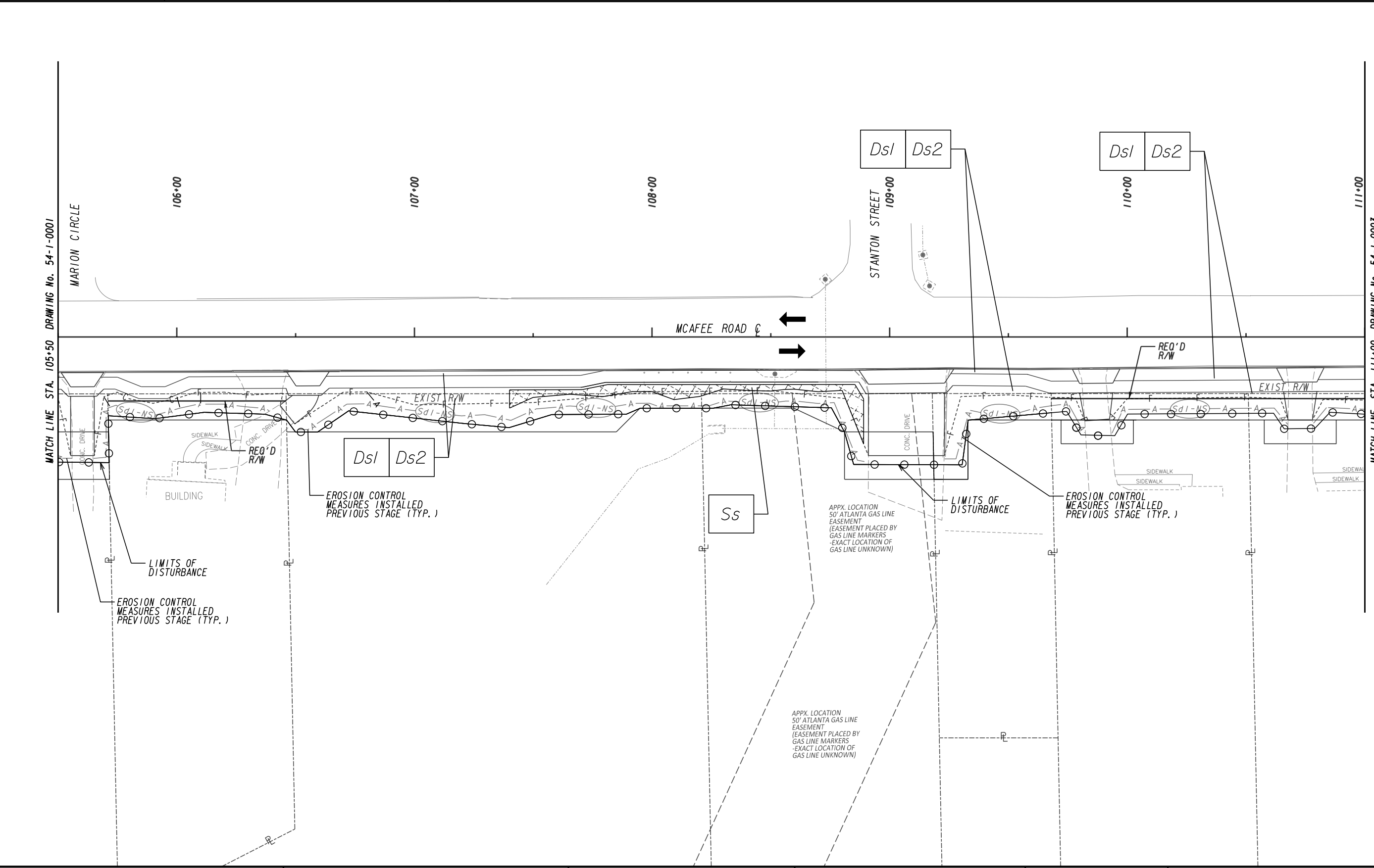
REVISION DATES

NO.	DATE	DESCRIPTION

**BMP LOCATION DETAILS
(INTERMEDIATE)**

McAFEE ROAD
STA. 100+00 TO 105+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

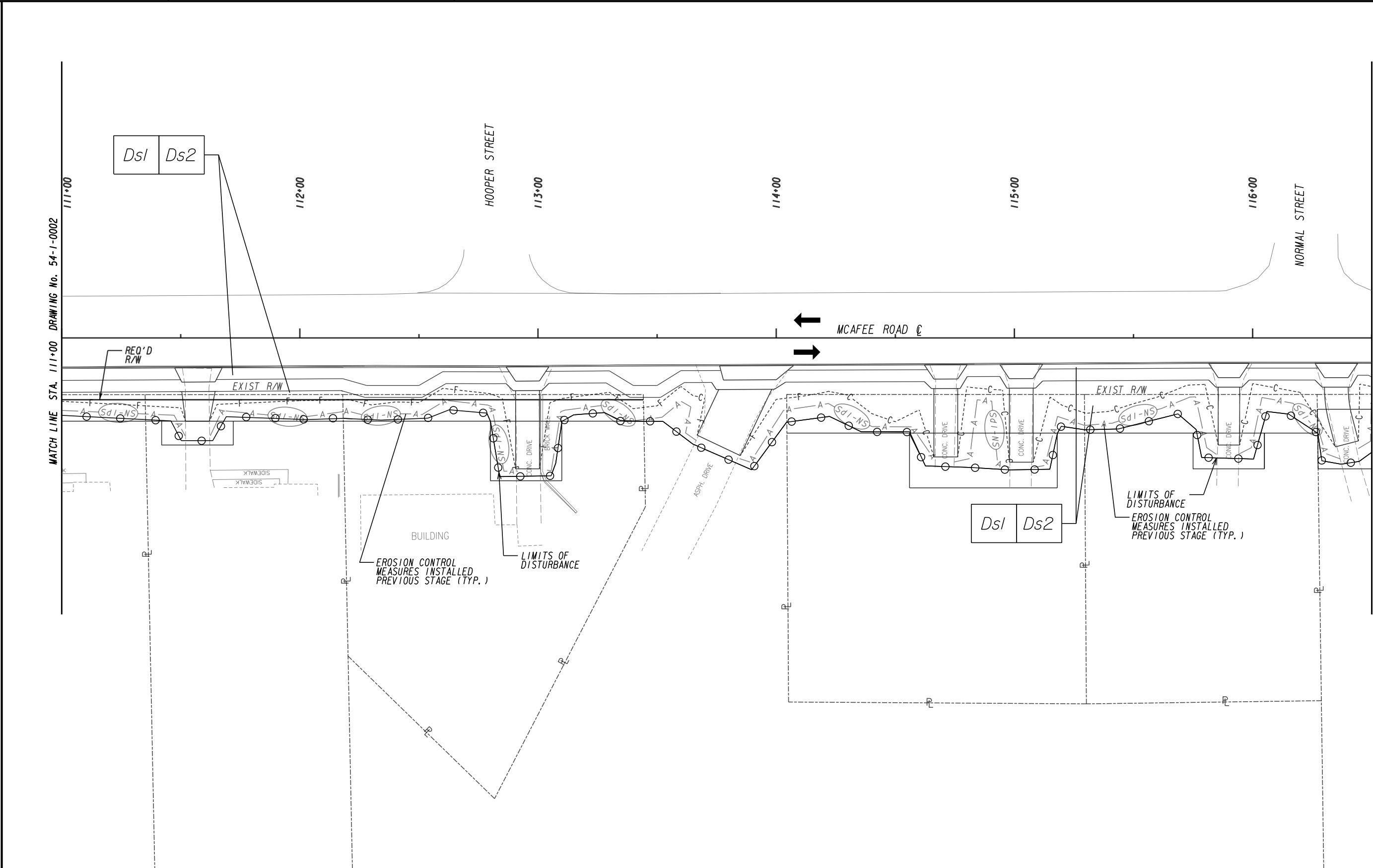
SCALE IN FEET

0 20 40 60 80

REVISION DATES

**BMP LOCATION DETAILS
(INTERMEDIATE)**
MCAFFEE ROAD
STA. 105+50 TO 111+00

CHECKED:	DATE:	DRAWING No. 54-1-0002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV100
years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

BMP LOCATION DETAILS
(INTERMEDIATE)

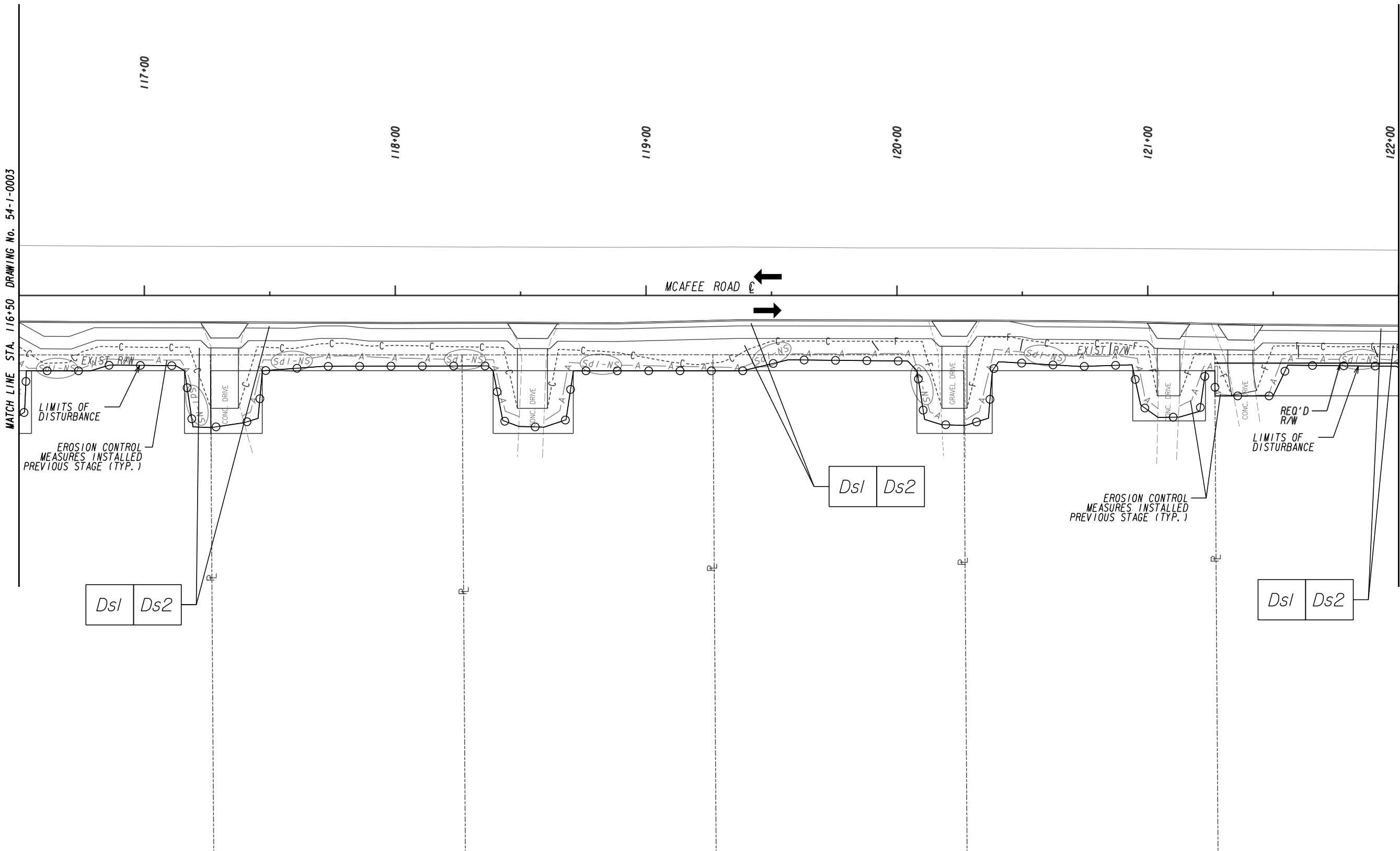
MCAFFEE ROAD
STA. 111+00 TO 116+50

CHECKED:	DATE:	DRAWING No. 54-1-0003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN

MATCH LINE STA. 116+50 DRAWING No. 54-1-0003

MATCH LINE STA. 122+00 DRAWING No. 54-1-0005



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

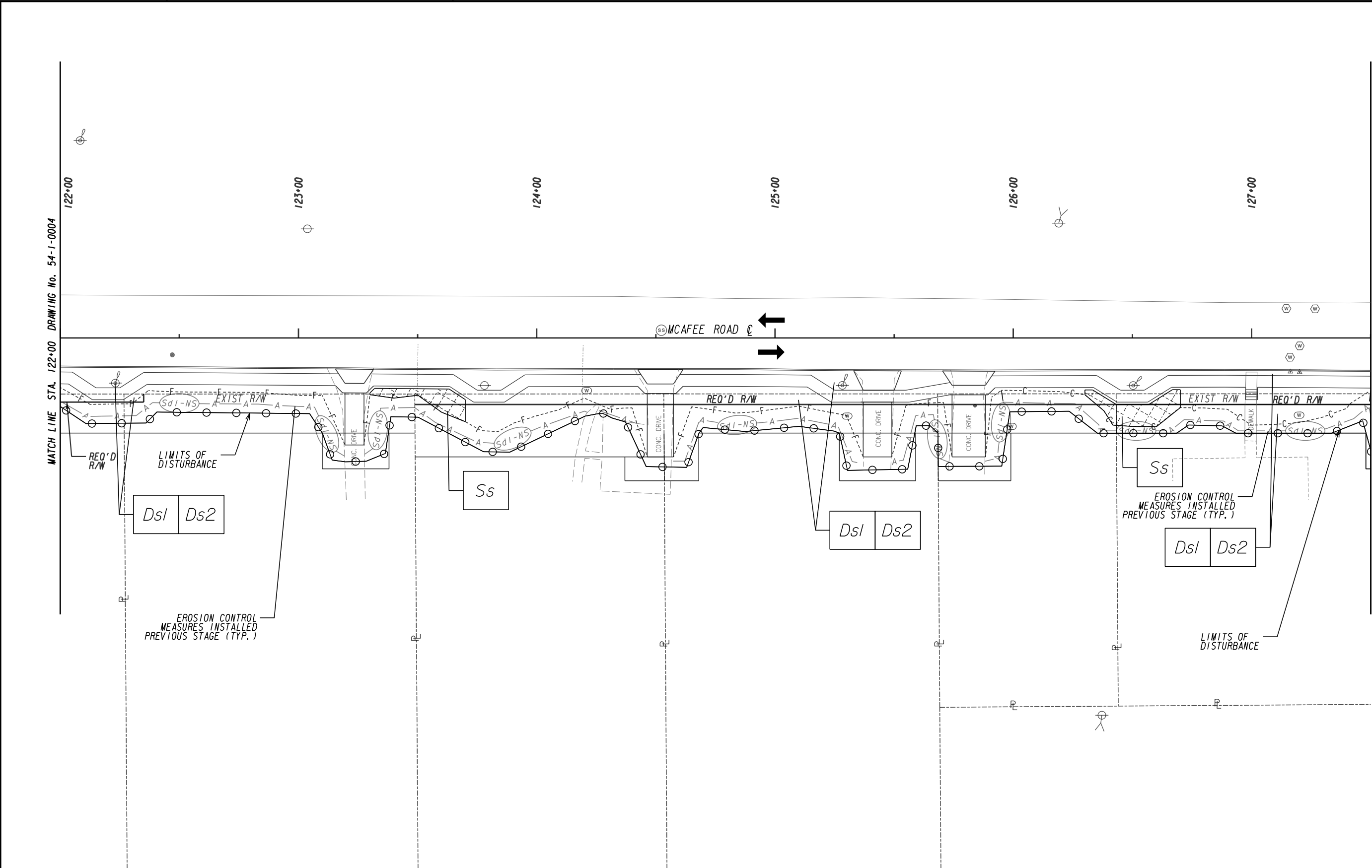
0 20 40 80

REVISION DATES		

**BMP LOCATION DETAILS
(INTERMEDIATE)**

MCAFEE ROAD
STA. 116+50 TO 122+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
(INTERMEDIATE)
MCAFFEE ROAD
STA. 122+00 TO 127+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN

MATCH LINE STA. 127+50 DRAWING No. 54-1-0005

128+00

129+00

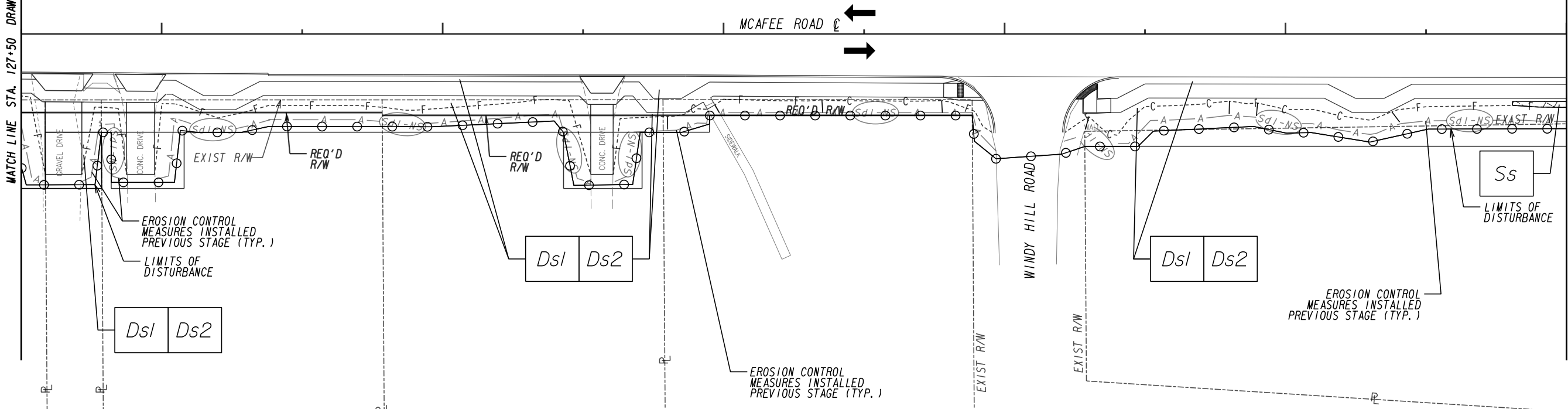
130+00

131+00

132+00

133+00

MATCH LINE STA. 133+00 DRAWING No. 54-1-0007



LEGEND

- PERMANENT FULL DEPTH CONSTRUCTION
- PERMANENT OVERLAY CONSTRUCTION
- TEMPORARY CONSTRUCTION PAVEMENT
- PAVEMENT REMOVAL
- OPEN LANES OF TRAFFIC

LEGEND

- ORANGE BARRIER FENCE
- ESA - ENV. SENSITIVE AREA (SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS



3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

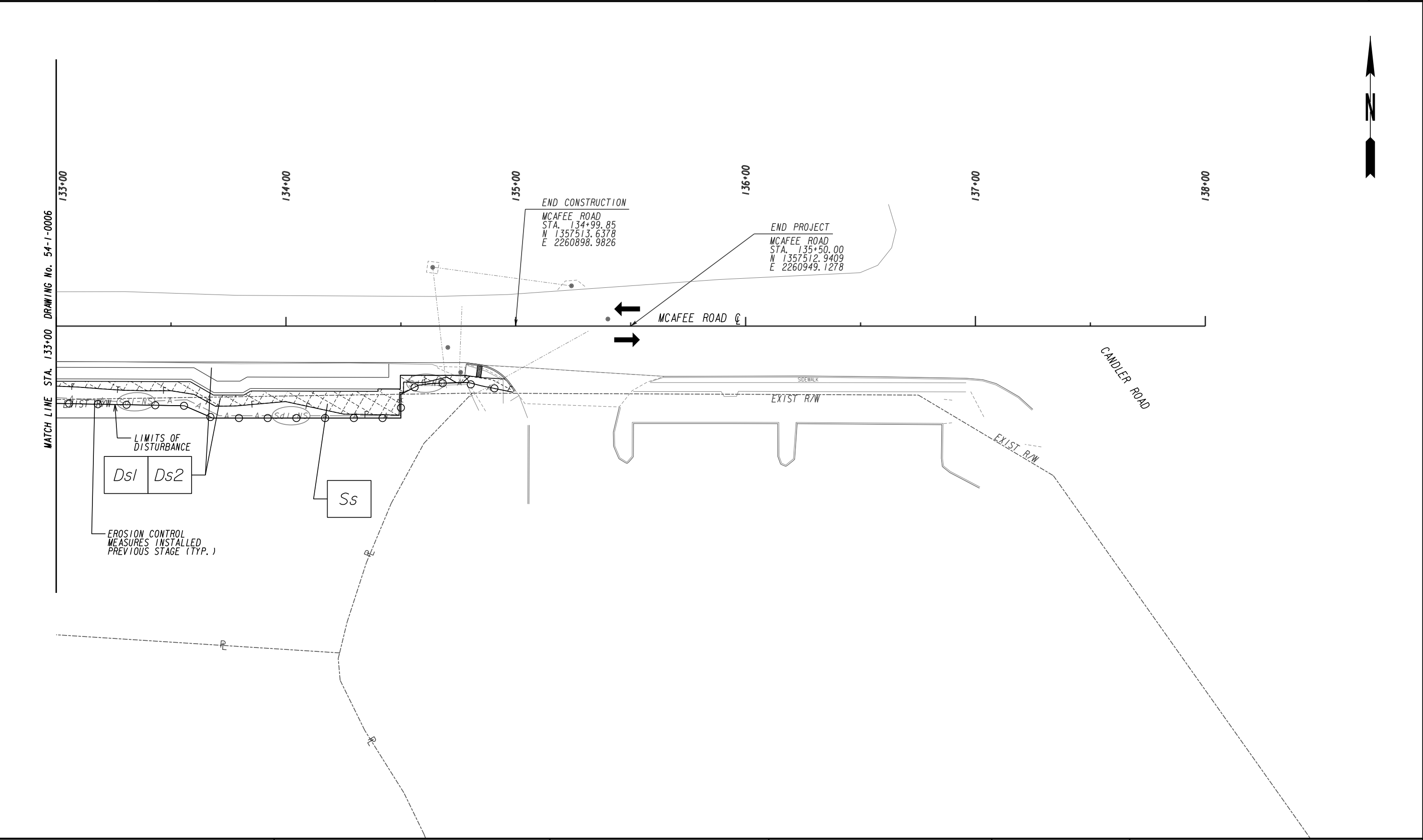
SCALE IN FEET



REVISION DATES

**BMP LOCATION DETAILS
(INTERMEDIATE)**
MCAFEE ROAD
STA. 127+50 TO 133+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA (SEE ERT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

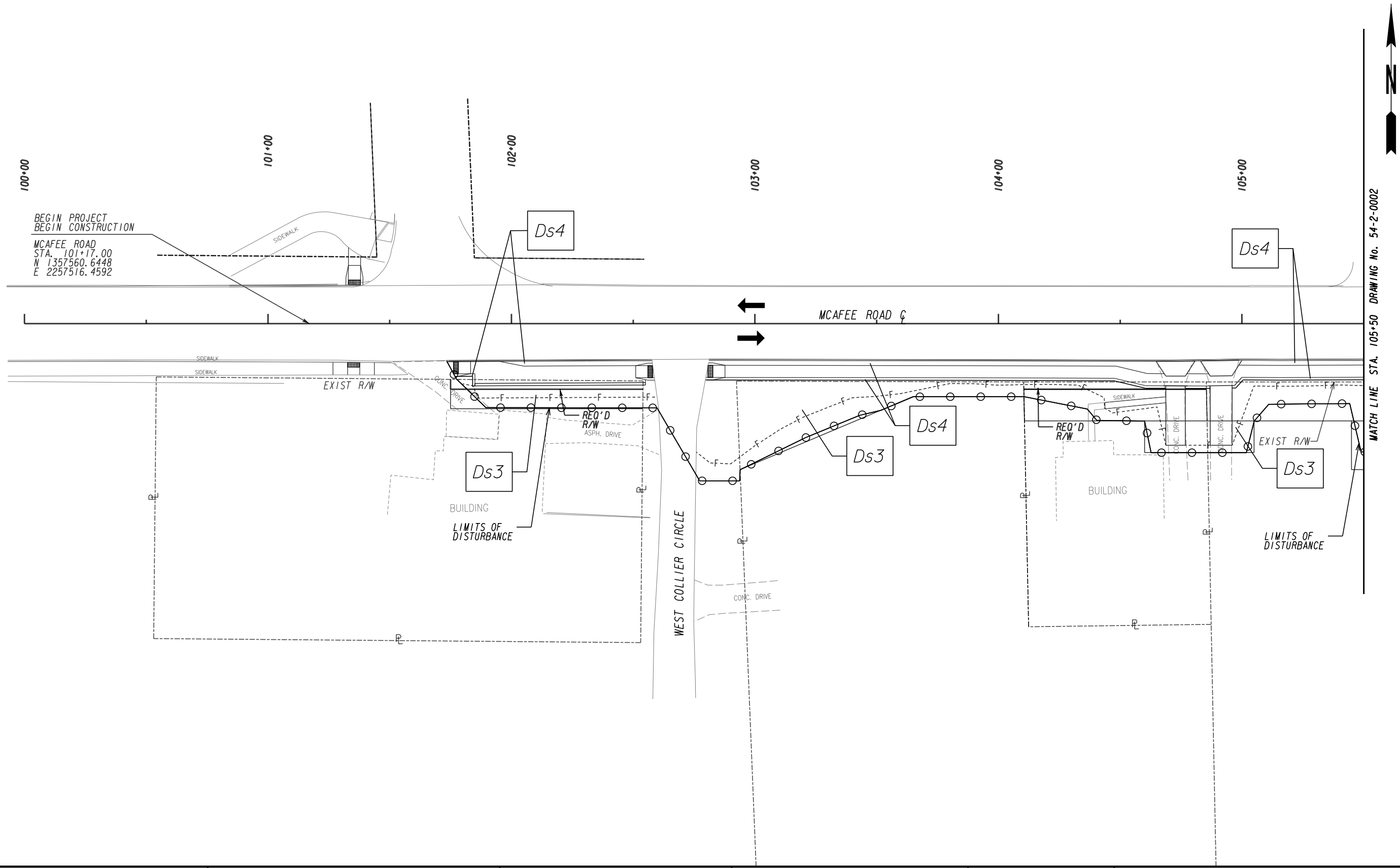
REVISION DATES

**BMP LOCATION DETAILS
(INTERMEDIATE)**
MCAFEE ROAD
STA. 133+00 TO 138+00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

80

REVISION DATES

BMP LOCATION DETAILS
(FINAL)

MCAFFEE ROAD
STA. 100+00 TO 105+50

CHECKED:

BACKCHECKED:

CORRECTED:

VERIFIED:

DATE:

DATE:

DATE:

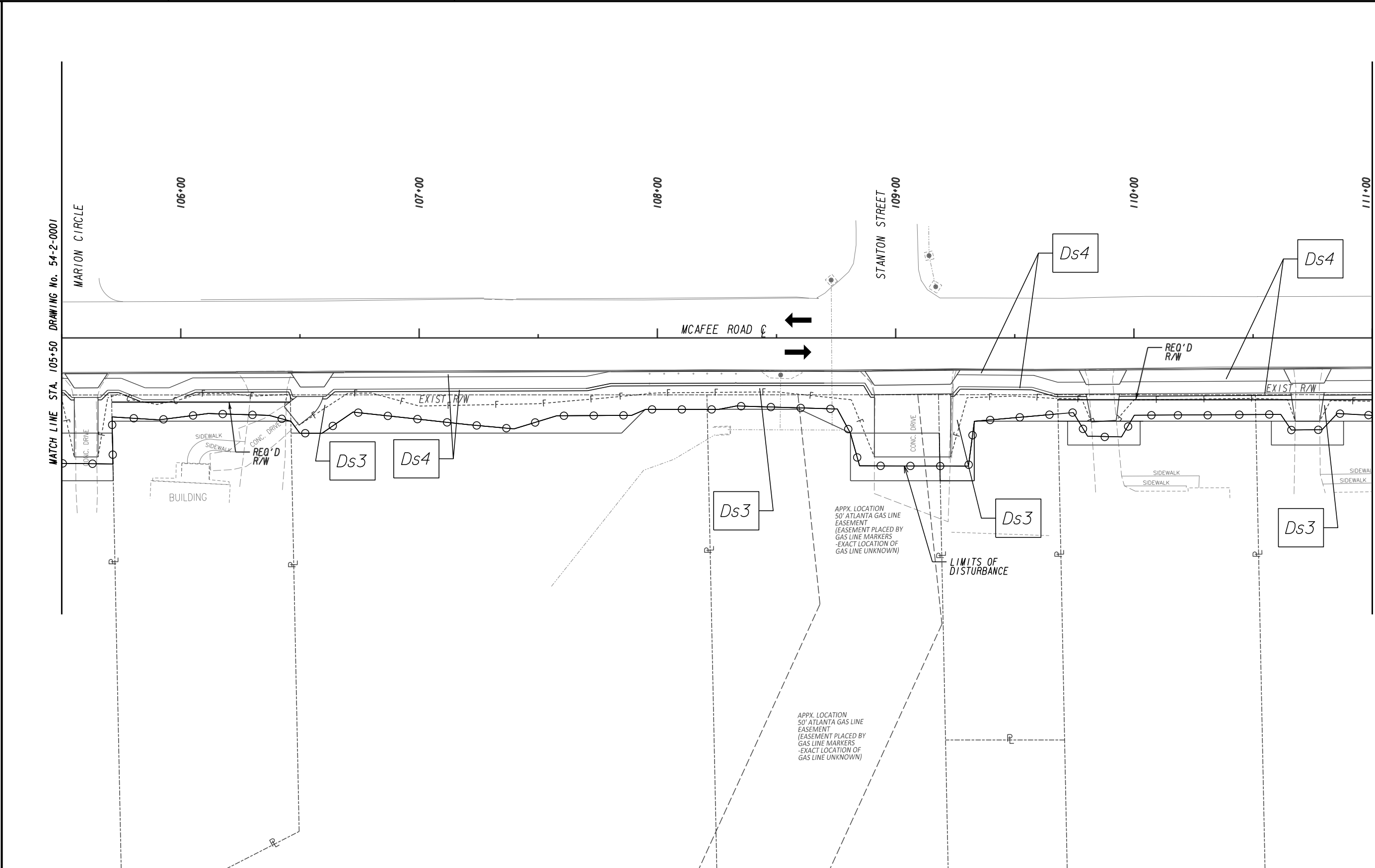
DATE:

DRAWING No.

54-2-0001

4/28/2016

GPLN



LEGEND
PERMANENT FULL DEPTH CONSTRUCTION
PERMANENT OVERLAY CONSTRUCTION
TEMPORARY CONSTRUCTION PAVEMENT
PAVEMENT REMOVAL
OPEN LANES OF TRAFFIC

LEGEND
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

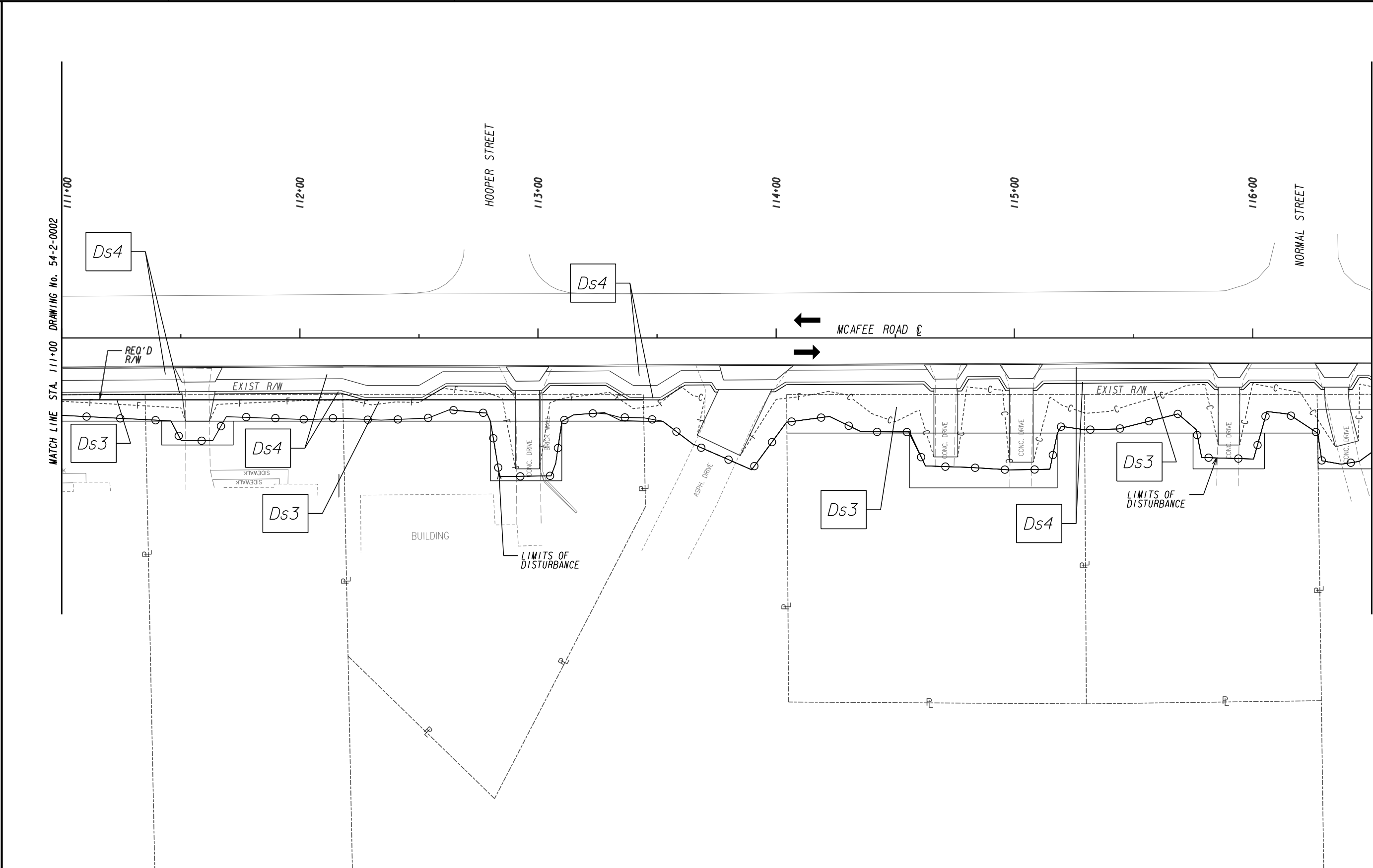
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

REVISION DATES		

**BMP LOCATION DETAILS
(FINAL)**
MCAfee ROAD
STA. 105+50 TO 111+00

CHECKED:	DATE:	DRAWING No. 54-2-0002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0 20 40 80

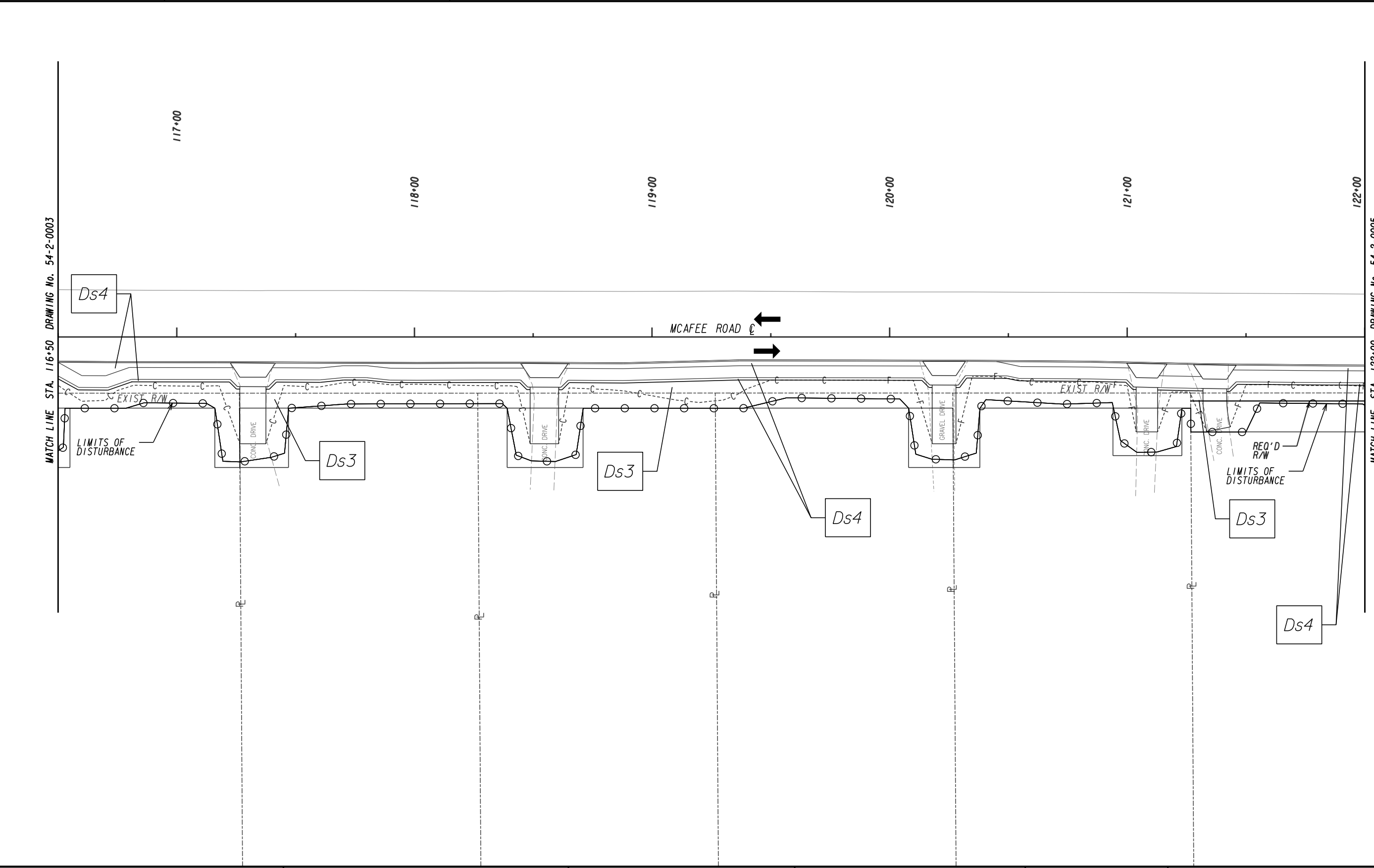
REVISION DATES

BMP LOCATION DETAILS
(FINAL)

MCAFEE ROAD
STA. 111+00 TO 116+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERTY TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV

100 years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

0

20

40

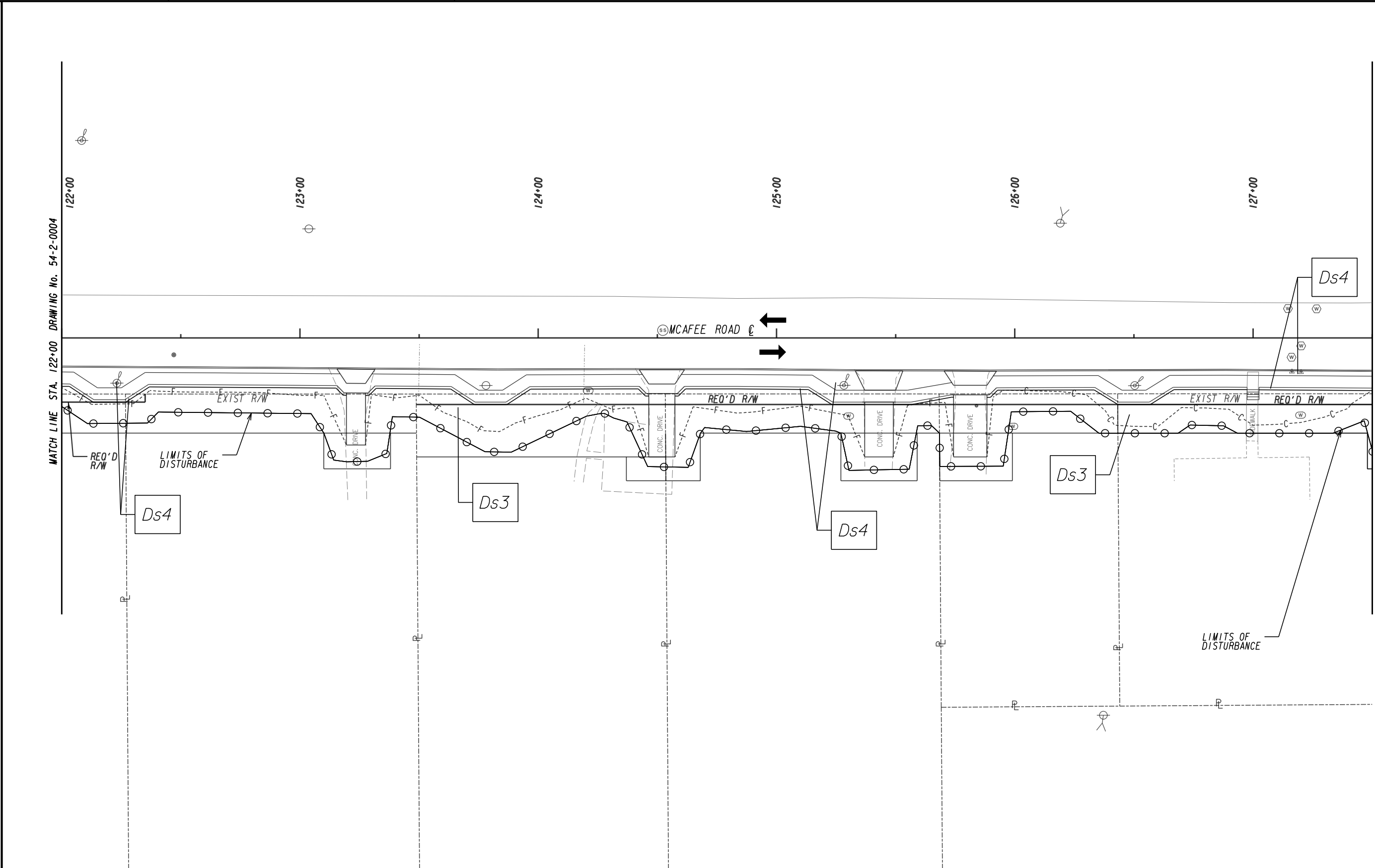
80

REVISION DATES

**BMP LOCATION DETAILS
(FINAL)**
MCAFEE ROAD
STA. 116+50 TO 122+00

CHECKED:	DATE:	DRAWING No. 54-2-0004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

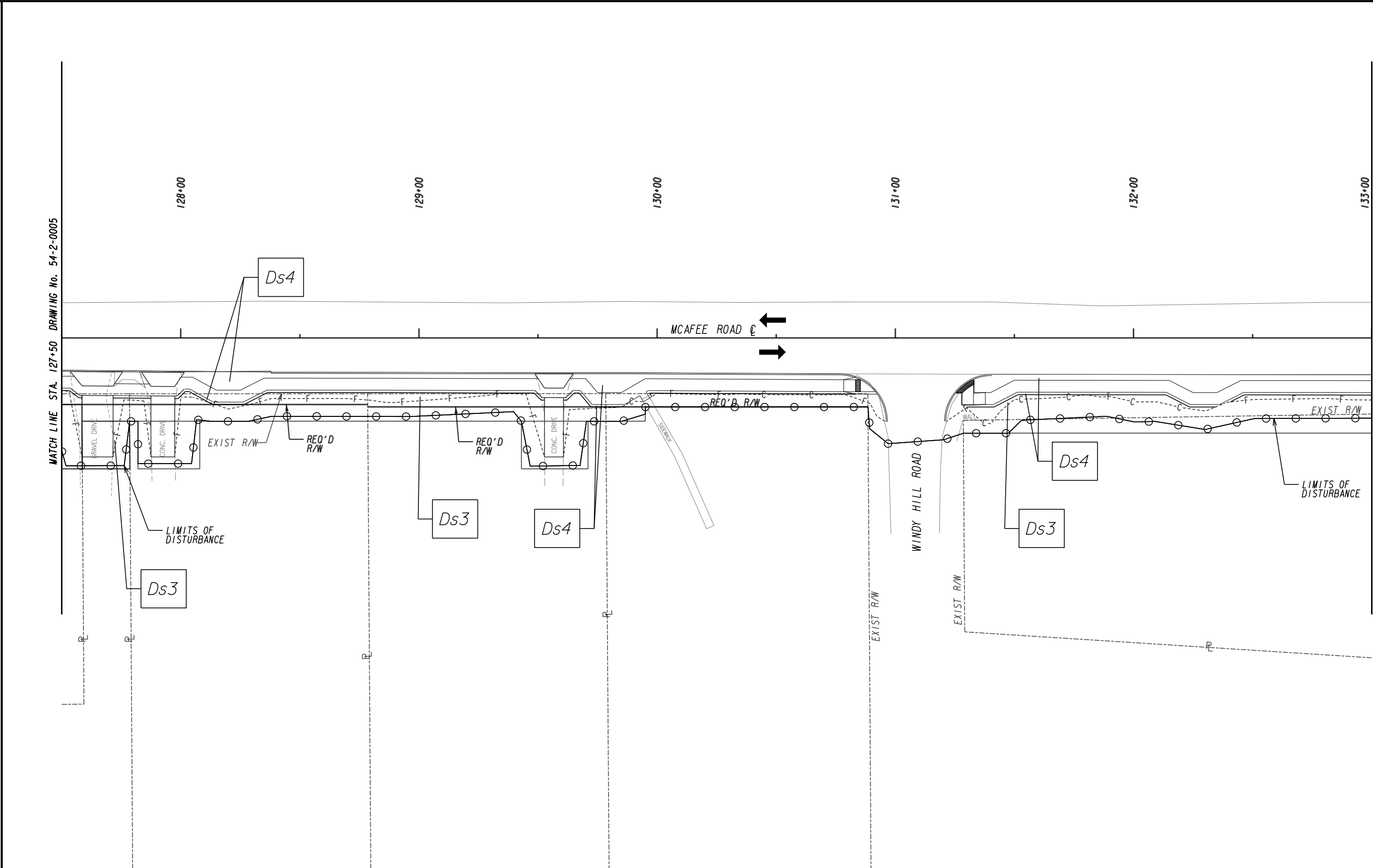
0 20 40 80

REVISION DATES

**BMP LOCATION DETAILS
(FINAL)**
MCAFFEE ROAD
STA. 122+00 TO 127+50

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016 GPLN



LEGEND

PERMANENT FULL DEPTH CONSTRUCTION

PERMANENT OVERLAY CONSTRUCTION

TEMPORARY CONSTRUCTION PAVEMENT

PAVEMENT REMOVAL

OPEN LANES OF TRAFFIC

LEGEND

ORANGE BARRIER FENCE

ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET

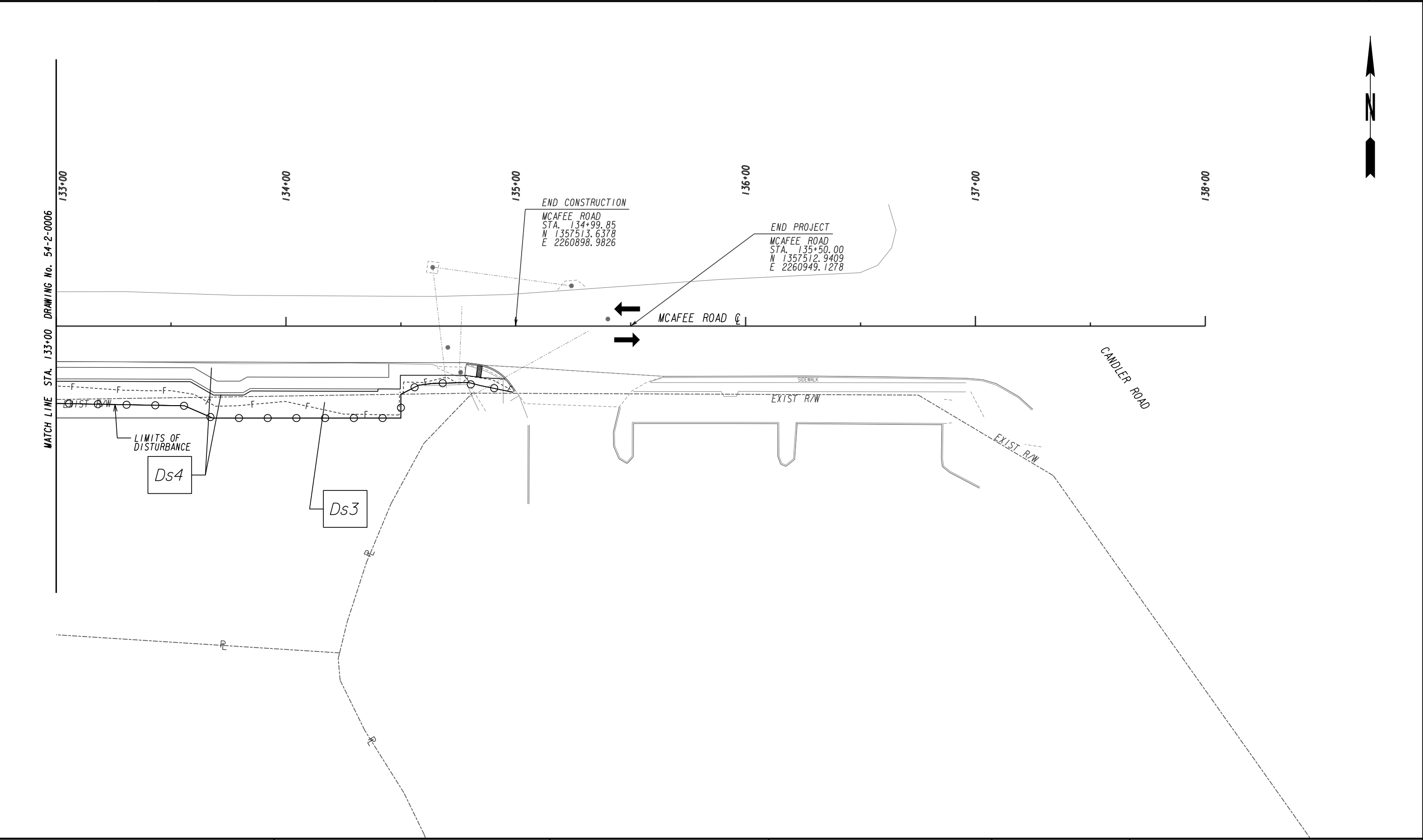
0 20 40 80

REVISION DATES

**BMP LOCATION DETAILS
(FINAL)**

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-2-0006
CORRECTED:		DATE:		
VERIFIED:		DATE:		

4/28/2016 GPLN



LEGEND
PERMANENT FULL DEPTH CONSTRUCTION
PERMANENT OVERLAY CONSTRUCTION
TEMPORARY CONSTRUCTION PAVEMENT
PAVEMENT REMOVAL
OPEN LANES OF TRAFFIC

ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERT TABLE)

LEGEND
[Symbol for Orange Barrier Fence]
[Symbol for ESA]

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

SCALE IN FEET
0 20 40 80

REVISION DATES		

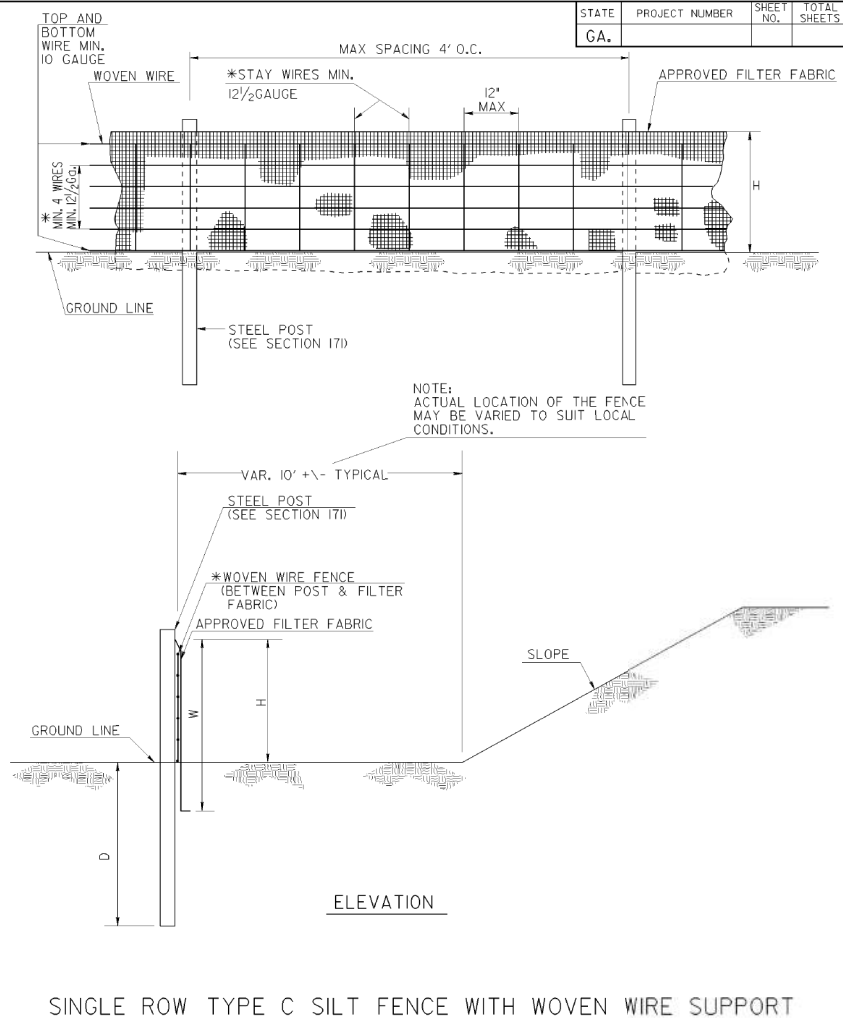
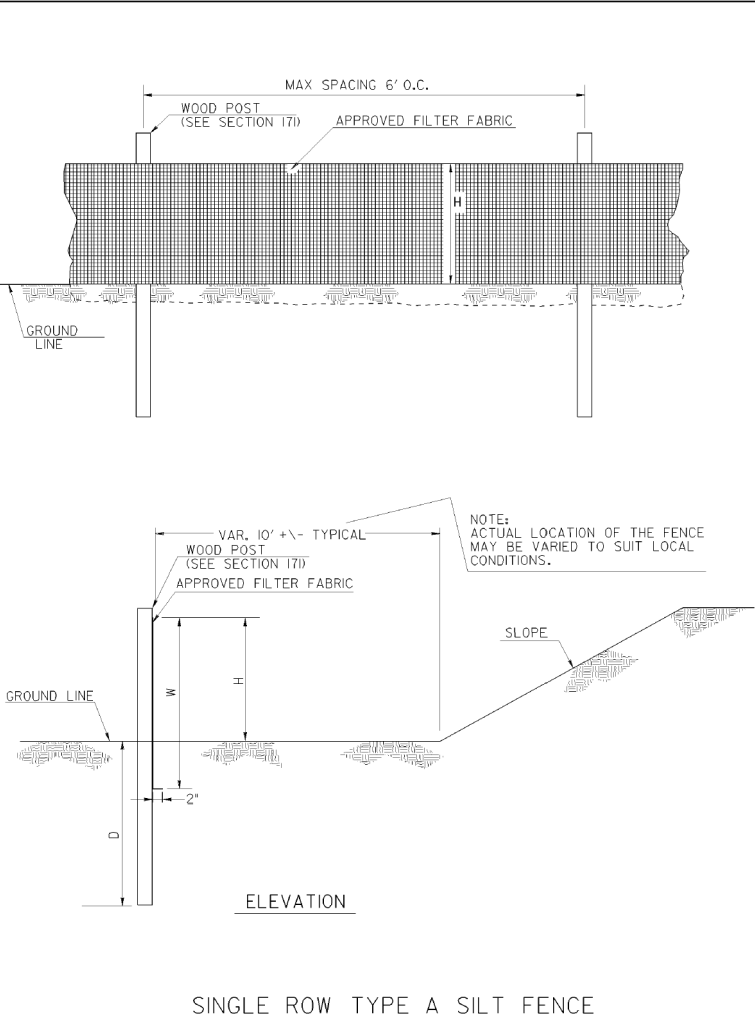
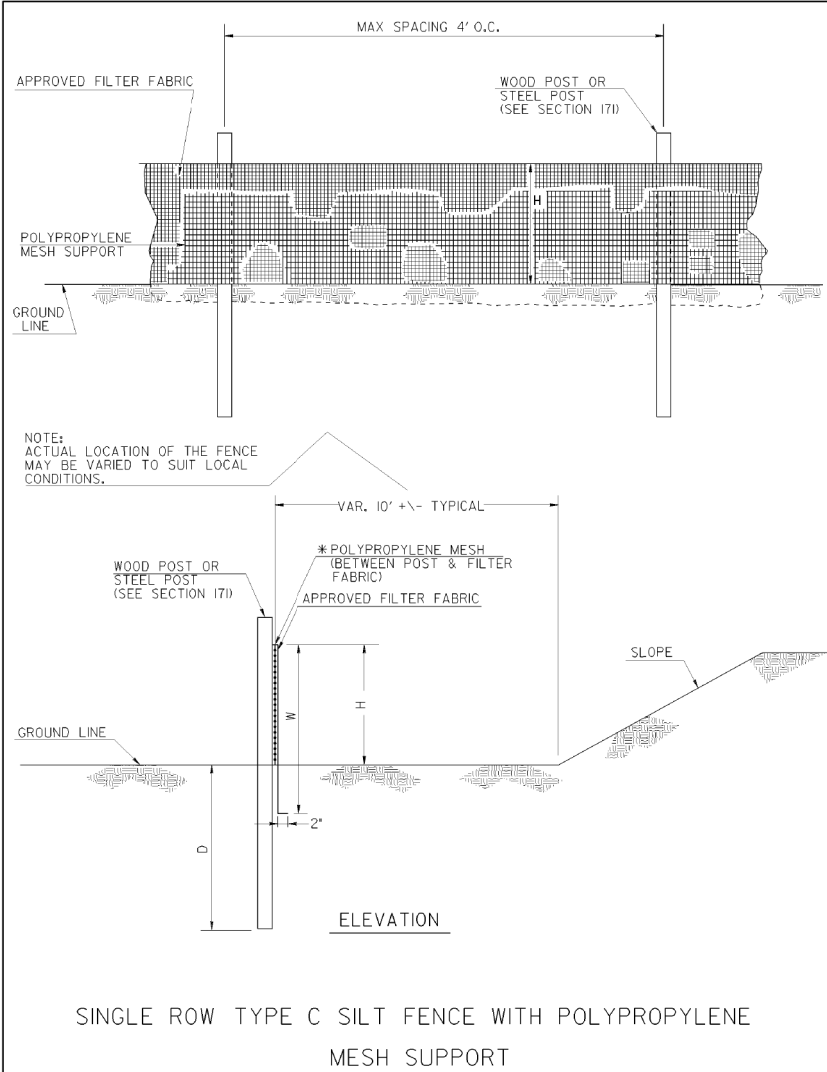
**BMP LOCATION DETAILS
(FINAL)**
MCAFEE ROAD
STA. 133+00 TO 138+00

CHECKED:	DATE:	DRAWING No. 54-2-0007
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

4/28/2016

GPLN

1/18/2011 1:25:13 PM \\GDOT-DSK1\GPlot\OC\G0_KTP8000.qcf gowens V:\GARY\Rev. Construction Details\D-24A\D-24A.plt G0-RDS



FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

NOTES:

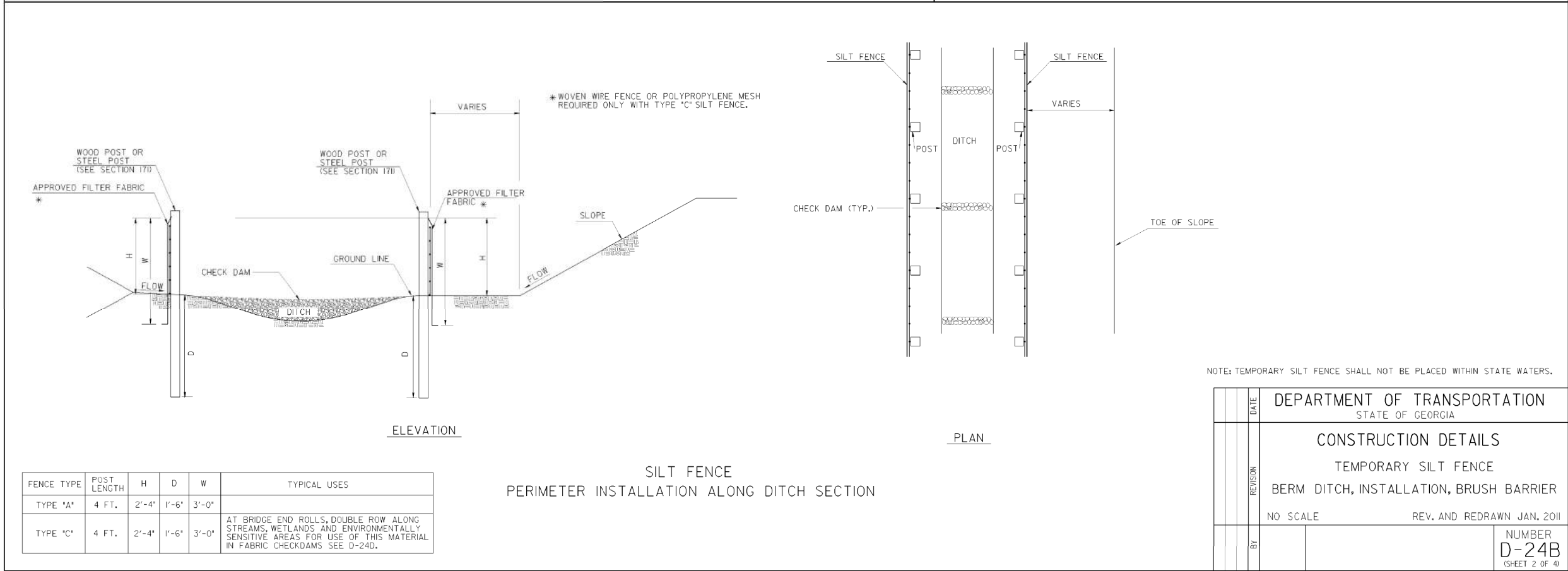
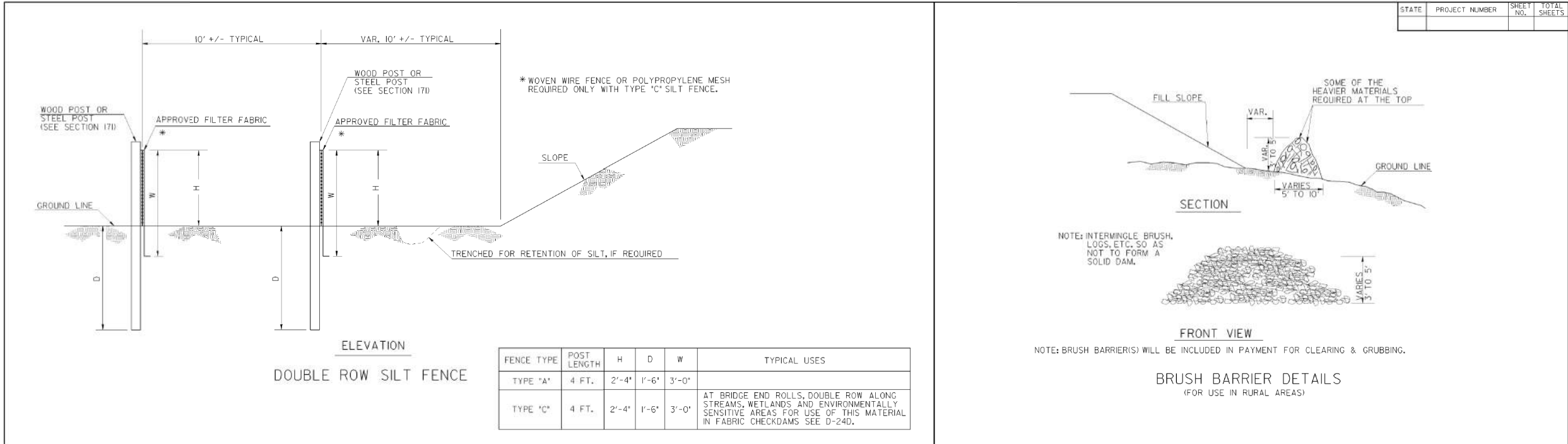
1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST 1/2 INCHES LONG AND A CROWN AT LEAST 3/4 INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, 1 INCH LONG, WITH BUTTON HEADS AT LEAST 3/4 INCHES WIDE.
2. NAILS OR STAPLES SHALL BE EVENLY PLACED WITH AT LEAST 5 PER POST FOR TYPE A FENCE AND 4 PER POST FOR TYPE C FENCE.
3. THE VERTICAL WIRES FOR THE WOVEN WIRE SUPPORT FENCE SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12 1/2 GAUGE.
4. TEMPORARY SILT FENCE INSTALLATION IS DIFFERENT THAN THE SILT RETENTION BARRIER INSTALLATION.
5. SEE SECTION 171 FOR SILT FENCE SPECIFICATIONS.
6. SEE SECTION 894 FOR FENCING SPECIFICATIONS.
7. SEE OPL-36 FOR A LIST APPROVED SILT FENCE FABRIC.
8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
	REVISION	CONSTRUCTION DETAILS TEMPORARY SILT FENCE
	BY	NO SCALE REV. AND REDRAWN JAN, 2011
		NUMBER D-24A (SHEET 1 OF 4)

1/18/2011 1:25:13 PM \\GDOT-DSK1\GPlot\OC\G0_KTP8000.qcf gowens V:\GARY\Rev. Construction Details\D-24A\D-24A.plt

REVISION DATES			EROSION CONTROL CONTRUCTION DETAILS			
			MCAFEE ROAD			
			CHECKED:		DATE:	DRAWING No.
			BACKCHECKED:		DATE:	56-0001
			CORRECTED:		DATE:	
			VERIFIED:		DATE:	

11/18/2011 2:04:43 PM \\G00T-05N1\G0PLOT\G0C\G0_K1P0000.qcf gowens V:\GARY\Rev. Construction Details\D-24B\D-24B.plt G0-R06



11/18/2011 2:04:43 PM \\G00T-05N1\G0PLOT\G0C\G0_K1P0000.qcf gowens V:\GARY\Rev. Construction Details\D-24B\D-24B.plt

DEKALB COUNTY
DEPARTMENT OF PUBLIC WORKS

STV 100 Years
3700 CRESTWOOD PARKWAY NW, SUITE 800
DULUTH, GEORGIA 30096
PHONE: (770)452-0797 FAX: (770)936-9171

REVISION DATES

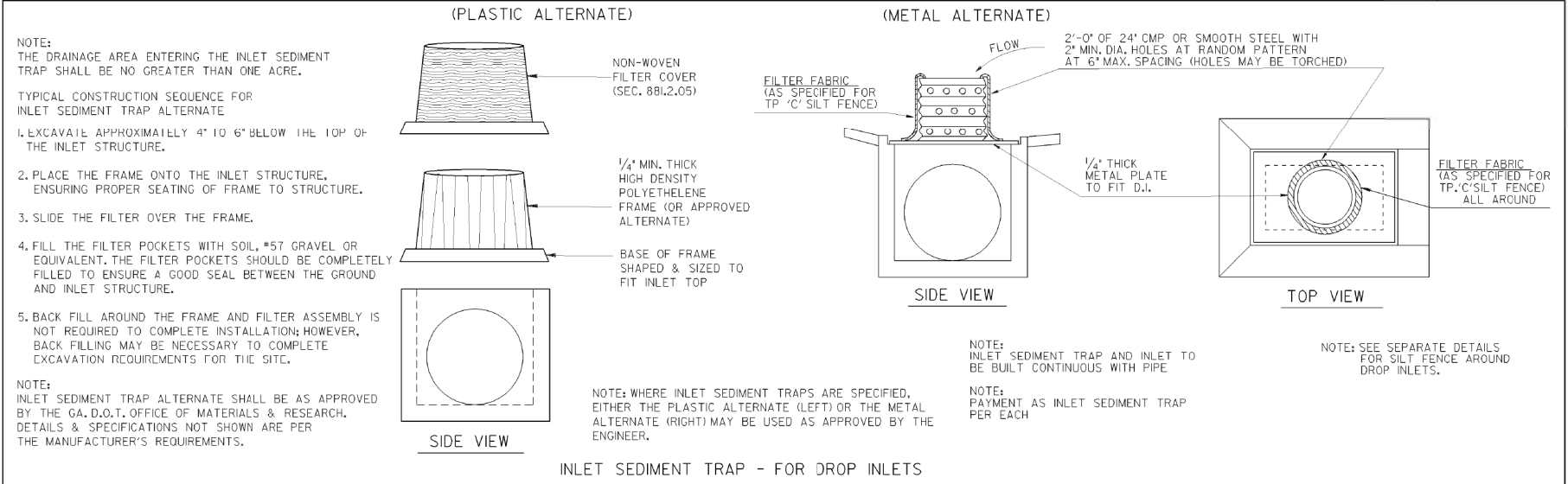
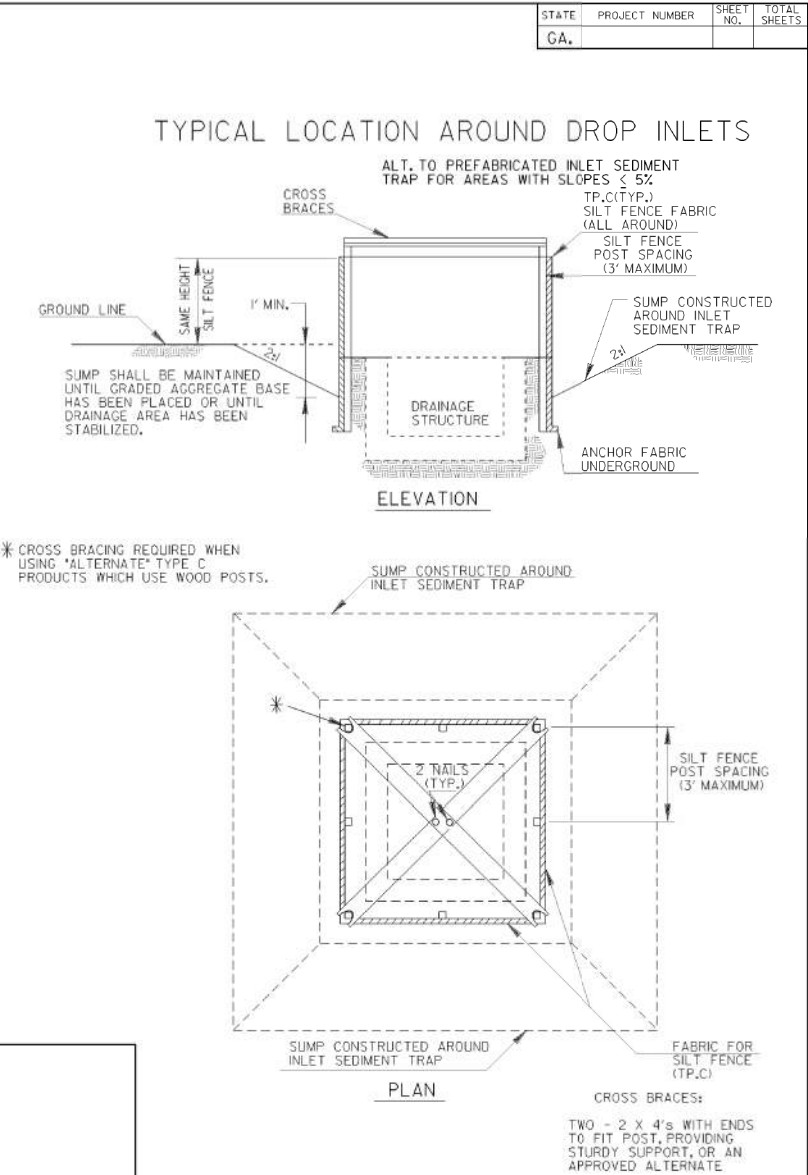
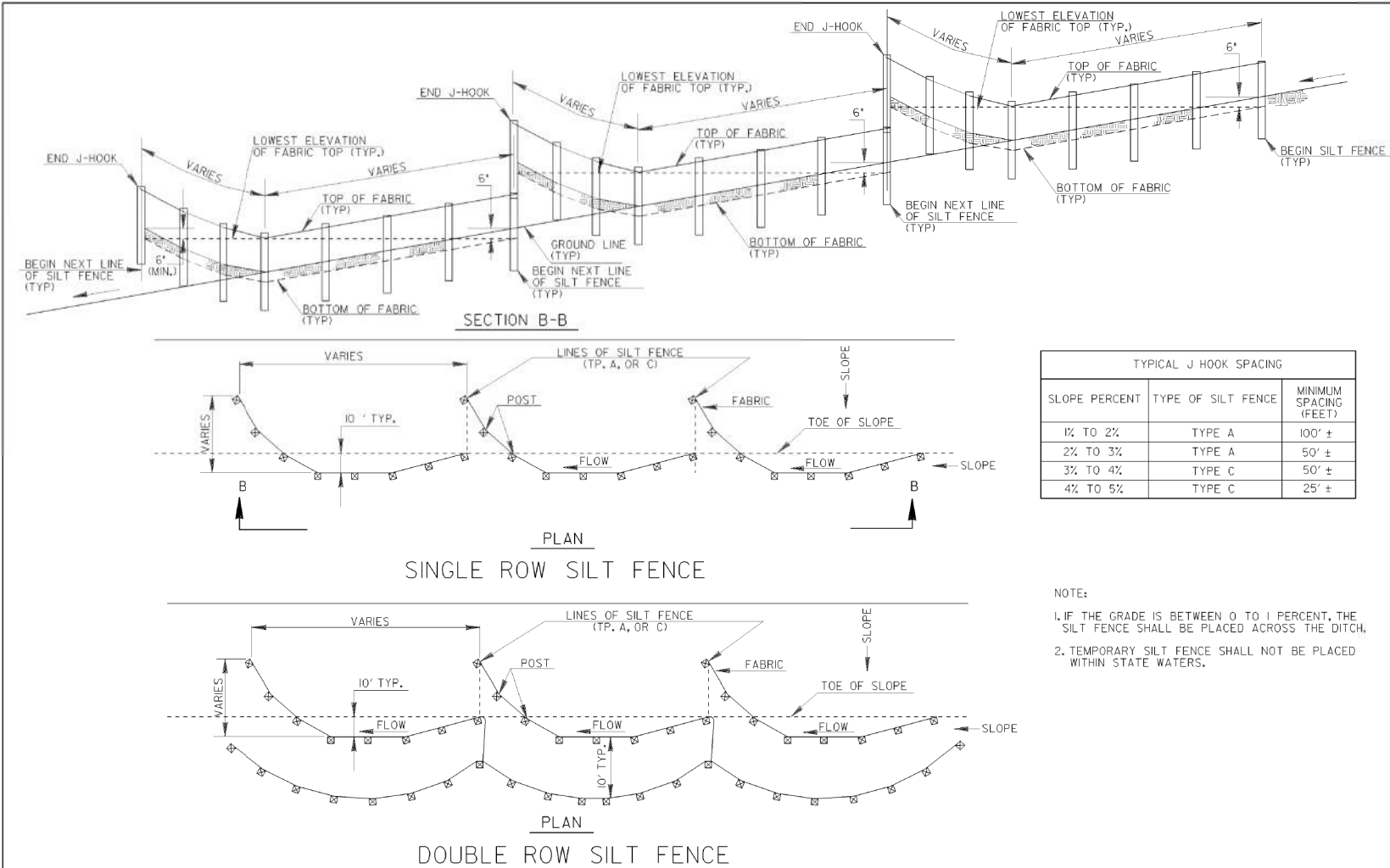
EROSION CONTROL CONTRUCTION DETAILS

MCACFEE ROAD

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

56-0002

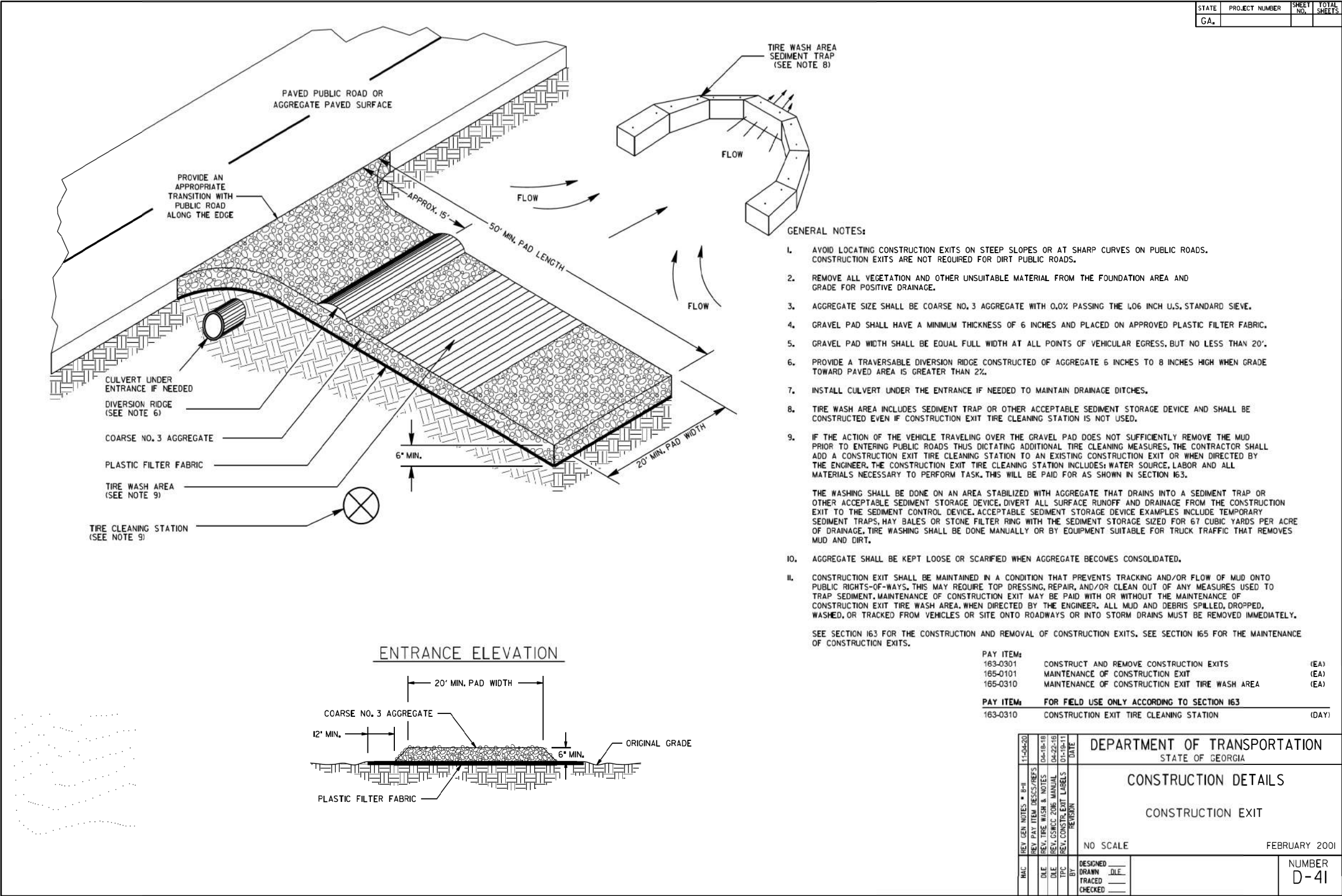
11/18/2011 2:06:33 PM \\10207-05N1\G0PLOT\00F\00_K1P0000.qcf gowens V:\BARRY\Rev. Construction Details\0-24C\0-24C.dxf 60-R06



DATE		DEPARTMENT OF TRANSPORTATION	
		STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAILS	
		TEMPORARY SILT FENCE	
		J-HOOK, INLET SEDIMENT TRAPS	
BY		NO SCALE	JANUARY 2011
		NUMBER	
		D-24C	
		(SHEET 3 OF 4)	

11/18/2011 2:06:33 PM \\10207-05N1\G0PLOT\00F\00_K1P0000.qcf gowens V:\BARRY\Rev. Construction Details\0-24C\0-24C.dxf 60-R06

Hq-1		DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISED SHEET LAYOUT & ADDED DITCH SECTION, ADDED		METAL STAPLE.		CONSTRUCTION DETAILS PERMANENT SOIL REINFORCING MAT (TURF REINFORCING MATS) INSTALLATION ON DITCHES	
NO SCALE		AUGUST 1988			
T.P.C.	BY	Designed _____ Drawn <u>K.L.W.</u> Traced _____ Checked _____	NUMBER D-35		



ENTRANCE ELEVATION

ENTRANCE ELEVATION

20' MIN. PAD WIDTH

COARSE NO. 3 AGGREGATE

12" MIN.

6" MIN.

ORIGINAL GRADE

PLASTIC FILTER FABRIC