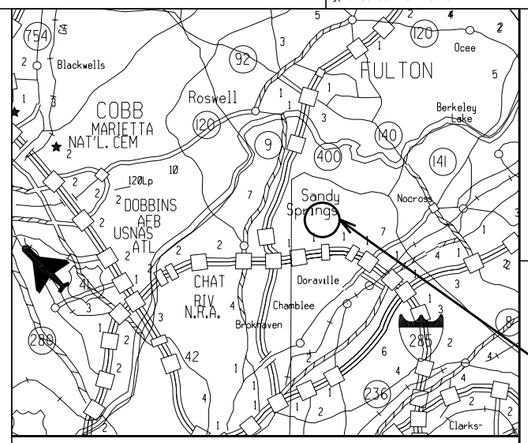
DEPARTMENT OF TRANSPORTATION
CITY OF DUNWOODY

PLAN AND PROFILE OF PROPOSED

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD
INTERSECTION IMPROVEMENTS

APPROVED
FOR CONSTRUCTION
02/04/2022



LOCATION SKETCH

DESIGN DATA:
TRAFFIC A.A.D.T.: 7750 (2024)
TRAFFIC A.A.D.T.: 8725 (2044)
TRAFFIC D.H.V.: N/A
DIRECTIONAL DIST: N/A
% TRUCKS: N/A
24 HR.TRUCKS %: 2 %
SPEED DESIGN: 45 MPH

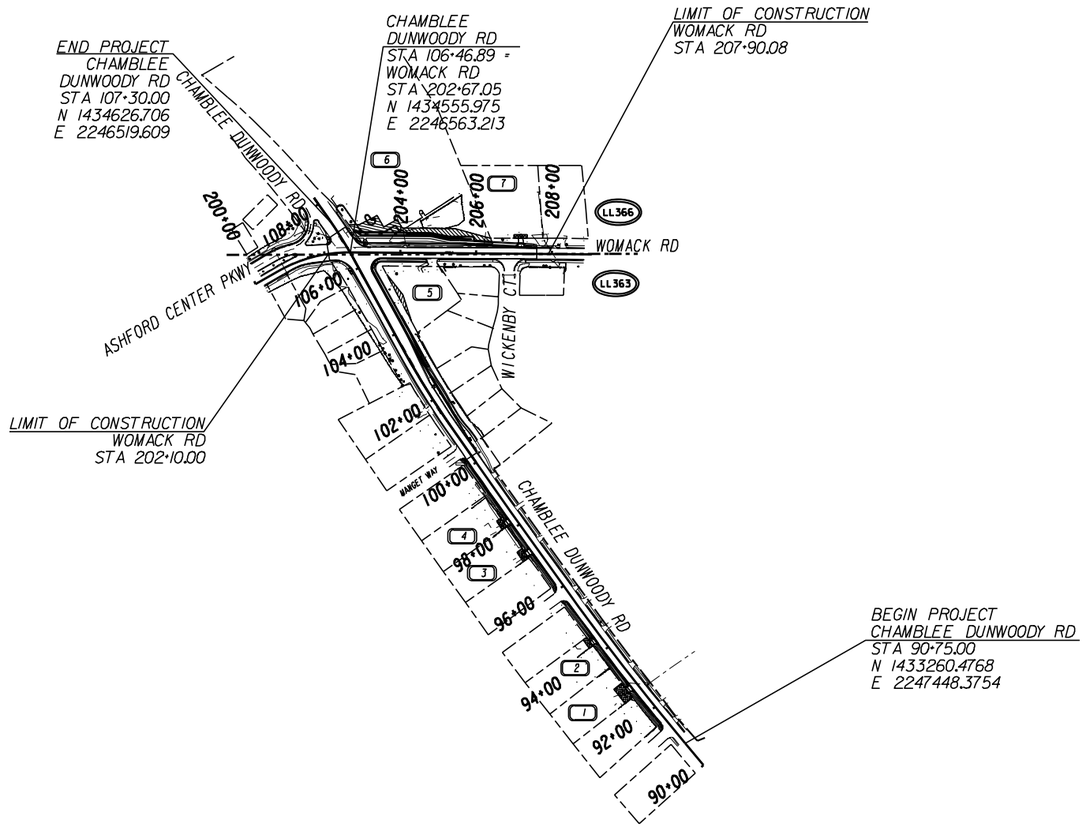
FUNCTIONAL CLASS:
URBAN PRINCIPAL ARTERIAL

THIS PROJECT IS 100% IN DEKALB COUNTY AND IS 100% IN CONG.DIST.NO. 6.

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.

THIS PROJECT HAS BEEN CHECKED AND CERTIFIED TO MEET THE REQUIRED SIGHT DISTANCE.



NOTE :
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 DEPARTMENT OF TRANSPORTATION.

GEORGIA
REGISTERED
No. PE036682
PROFESSIONAL
ENGINEER
WILLIAM F. SHEEHAN
10-25-2021

PREPARED BY: _____
WILL SHEEHAN, PE
AECOM

LENGTH OF PROJECT	COUNTY No. 089 DEKALB COUNTY Project No. MILES
NET LENGTH OF ROADWAY	0.3134
NET LENGTH OF BRIDGES	0.0000
NET LENGTH OF PROJECT	0.3134
NET LENGTH OF EXCEPTIONS	0.0000
GROSS LENGTH OF PROJECT	0.3134

City of Dunwoody Georgia

SCALE IN FEET
0 100 200 400

PLANS COMPLETED 10-25-2021	
REVISIONS	

DRAWING No.
01-0001

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.

CONCOV

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02-0001	INDEX
03-0001	REVISION SUMMARY
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05-0001 TO 05-0002	TYPICAL SECTIONS
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DRAWING NO.	DESCRIPTION	
	GEORGIA CONSTRUCTION STANDARDS (FOR REFERENCE ONLY)	
Ga. Std. 1011A	Brick Manholes	10/1981
Ga. Std. 1011AP	Precast Reinforced Concrete Manhole	06/1975
Ga. Std. 1013	Catch Basins (With Castings)	08/1999
Ga. Std. 1033D	Catch Basins (For us with 6" or 8" Ht. Curb and Gutter)	08/1982
Ga. Std. 1033DP	Precast Catch Basins (For us with 6" or 8" Ht. Curb and Gutter)	08/1982
Ga. Std. 1034D	Catch Basins (For us with 6" or 8" Ht. Curb and Gutterin Sags or Low Points)	08/1982
Ga. Std. 1034DP	Precast Catch Basins (For us with 6" or 8" Ht. Curb and Gutterin Sags or Low Points)	09/1982
Ga. Std. 1401	Pavement Patching Details (Storm Drain or Utility Installations by Open Cut Across Existing Pavement)	08/1999
Ga. Std. 4949C	Concrete Side Barrier Types 6-S, 6-SA, 6-SB And 6-SC	05/2020
Ga. Std. 9003	Federal Aid and State Project Markers; Right of Way Markers; County Line Marker	04/2006
Ga. Std. 9031L	Gravity Wall Typical Sections, Raising Headwall, And Typical Pipe Plug	09/2016
Ga. Std. 9031S	Median Drop Inlet (Precast or Built-in-Place) and Concrete Apron	04/1996
Ga. Std. 9100	Traffic Control General Notes, Standard Legend, and Miscellaneous Details	03/2006
Ga. Std. 9102	Traffic Control Detail for Lane Closure on Two-Lane Highway	03/2006
	GEORGIA DETAILS (FOR REFERENCE ONLY)	
A-1	Driveways With Tapered Entrances Concrete Valley Gutters	07/2011
A-3	This Detail Replaces Ga Standard 9031W: Special Details - Concrete Sidewalk Details Curb Cut (Wheelchair) Ramps	06/2009
T-16	Details of Bicycle Lane Pavement Markings	07/2004
T-21	Traffic Control Pedestrian Accessibility Around Workzone-Sidewalk Detour	10/2008
T-22	Traffic Control Pedestrian Accessibility Around Workzone-Midblock Crossing and Sidewalk Detour	10/2008
T03a	Type 7, 8 and 9 SQUARE TUBE POST INSTALLATION DETAIL	07/2002
T11a	DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS ROADWAY	01/2000
T12a	DETAILS OF PAVEMENT MARKING ARROW LOCATION	01/2000
T12b	DETAILS OF PAVEMENT MARKINGS - ARROWS	04/2000
T14	DETAILS OF PAVEMENT MARKING HATCHING	11/2008
TS 03a	PEDESTRIAN FACILITIES INSTALLATION DETAILS	04/2010
TS 08	UTILITY CLEARANCE DETAIL	04/2010
	GEORGIA EROSION CONTROL CONSTRUCTION DETAILS (FOR REFERENCE ONLY)	
D-24A	Temporary Silt Fence (Sheet 1 of 4)	01/2011
D-24B	Temporary Silt Fence Berm Ditch, Installation, Brush Barrier (Sheet 2 of 4)	01/2011
D-24C	Temporary Silt Fence J-Hooks, Inlet Sediment Traps (Sheet 3 of 4)	01/2011
D-24D	Temporary Silt Fence Fabric Check Dam (Sheet 4 of 4)	07/2015
D-35	Permanent Soil Reinforcing Mat (Turf Reinforcing Mat) Installation on ditches	01/2011
D-41	Construction Exit	01/2011
D-42	Inlet Sediment Traps	05/2008

City of Dunwoody Georgia

AECOM

REVISION DATES

INDEX

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	02-0001
VERIFIED:		DATE:	

DATE	DRAWING NO.	REVISION

DATE	DRAWING NO.	REVISION

REVISION DATES		

REVISION SUMMARY

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	03-0001
VERIFIED:		DATE:	

GENERAL NOTES

1. A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT.
2. ALL PERMANENT STORM DRAIN, SIDE DRAIN, AND SLOPE DRAIN PIPES SHALL BE REINFORCED CONCRETE PIPE.
3. ALL CONSTRUCTION WILL BE ACCOMPLISHED UNDER TRAFFIC, UNLESS SPECIFIED OTHERWISE.
4. ALL DRIVEWAYS AND SIDEROADS SHALL BE MAINTAINED DURING CONSTRUCTION.
5. ALL EXISTING STORM PIPES ARE TO BE REMOVED UNLESS OTHERWISE NOTED AND WILL BE PAID FOR AS PART OF GRADING COMPLETE.
6. ALL DRIVEWAYS ARE TO BE RECONSTRUCTED WILL BE PAVED BACK TO THE TIE IN POINT OR REQUIRED RIGHT OF WAY, WHICHEVER IS GREATER. ALL DRIVEWAYS OVER 11% IN GRADE SHALL BE PAVED WITH CONCRETE. ALL OTHER DRIVEWAYS SHALL BE REPLACED AS FOLLOWS: ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE AND ASPHALT FOR EARTH/GRAVEL DRIVES. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHERWISE IN THE PLANS. COMMERICAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. EXISTING DRIVEWAY LOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA; THE CONTRACTOR SHALL CONSTRUCT DRIVEWAYS TO MATCH THE LOCATION OF EXISTING DRIVEWAYS AT THE TIE IN POINT, IF APPLICABLE. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED.

   DRIVES SHALL BE CONSTRUCTED USING:

   RESIDENTIAL

   ASPHALT - 165 LB/SY RECYCLED ASPH CONC 9.5 MM, GP 2 ONLY, INCL BITUM MATL & H LIME
   GRADED AGGREGATE BASE, 6"

   CONCRETE - DRIVEWAY CONCRETE, 6" THICK
   (URBAN SHOULDER) CONC VALLEY GUTTER, 6"

   COMMERCIAL

   ASPHALT - 165 LB/SY RECYCLED ASPH CONC 12.5 MM, GP 2 ONLY, INCL BITUM MATL & H LIME
   220 LB/SY RECYCLED ASPH CONC 19mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
   GRADED AGGREGATE BASE, 6"

   CONCRETE - DRIVEWAY CONCRETE, 8" THICK
   (URBAN SHOULDER) CONC VALLEY GUTTER, 8"

7. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER 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.
8. THE CONTRACTOR SHALL MILL VARIABLE DEPTH TO ENSURE SMOOTH TRANSITIONS AT TIE-IN POINTS.
9. 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.
10. ANY SALVAGEABLE MATERIAL BELONGS TO THE CITY OF DUNWOODY. COORDINATION BY THE CONTRACTOR WITH THE CITY OF DUNWOODY STAFF WILL BE REQUIRED AT LEAST 48 HOURS IN ADVANCE OF REMOVAL OF SALVAGEABLE MATERIAL. UPON COORDINATION, THE DELIVERY ADDRESS AND CONTACT INFORMATION WILL BE PROVIDED.
11. 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.
12. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION-RELATED ACTIVITIES (SUCH AS THE USE OF EASEMENTS STAGING, CONSTRUCTION, VEHICULAR USE, BORROW OR WASTE ACTIVITIES, SEDIMENT BASINS, TRAILER PLACEMENT, ETC.) OCCUR UNDER THE DRIP LINE OF EXISTING TREES TO REMAIN IN THE RIGHT OF WAY. THIS DOES NOT APPLY TO TREES WITHIN THE CONSTRUCTION LIMITS OR LIMITS OF DISTURBANCE THAT WILL BE REMOVED OR DESTROYED TO ALLOW FOR CONSTRUCTION.
13. THE EXISTING UTILITES WERE DETERMINED BY SUBSURFACE UTILITY ENGINEERING LEVEL B INVESTIGATION.
14. NO POSTCONSTRUCTION STORMWATER BMPs ARE PROPOSED BY THIS PROJECT.
15. ALL ABANDONED CORRUGATED METAL PIPE SHALL BE PLUGGED WITH FLOWABLE FILL TO BE INCLUDED IN THE COST OF GRADING COMPLETE
16. ALL WALLS SHALL BE FINISHED WITH A GRANITE FACADE ON THE EXPOSED SIDE.
17. THIS PROJECT WILL REQUIRE THREE POINT LEVELS FOR THE LEVELING COURSE. BEFORE BEGINNING CONSTRUCTION TAKE THREE-POINT LEVELS OF THE PAVEMENT THROUGHOUT THE LENGTH TO BE RETAINED, USING 50 FT. INTERVALS. THE CITY RESERVES THE RIGHT TO ADJUST THESE INTERVALS ACCORDING TO EXISTING FIELD CONDITIONS. FROM THE THREE-POINT LEVELS, PREPARE A GRAPHIC GRADE PLOT THAT ½BEST FITS ½ THE EXISTING PAVEMENT TO MINIMIZE THE LEVELING REQUIREMENTS OF THE EXISTING ROADWAY. CROSS SLOPES MAY BE VARIED WITHIN THE RANGES SHOWN ON THE PLANS OR ADJUSTED BY THE CITY TO PRODUCE THE ½BEST FIT. ½ FURNISH DATA TO THE CITY FOR APPROVAL BEFORE BEGINNING WIDENING AND RECONSTRUCTION. AFTER APPROVAL OF PROPOSED MARKUPS, ENSURE THAT THREE-POINT POINT MARKUPS ARE IN PLACE BEFORE BEGINNING ANY LEVELING ACTIVITIES. THE COST FOR ALL CONSTRUCTION LAYOUT IS CONSIDERED INCIDENTAL TO THE OVERALL COST FOR THE PROJECT.

GEORGIA811 Utilities Protection Center, Inc
Know what's below. Call before you dig.

UTILITY OWNER	SERVICE	CONTACT NUMBERS
ATLANTA GAS LIGHT	GAS	ROBERT STACHLER, PE 404-584-4510 rstachler@southernco.com
AT&T/D	TELECOM	JASON DOBSON 678-917-1605 jd1288@att.com
ATT/T	TELECOM	TRINA IVEY 678-641-5522 KI2863@att.com
COMCAST	TELECOM	CHARLES ROSS 404-597-4353 Charles.Ross@comcast.com
CROWN CASTLE	TELECOM	DARRYL FORSTER 404-210-7012 darryl.forster@crowncastle.com
CITY OF DUNWOODY	TRAFFIC CONTROL	ELI VEITH 404-668-8833 eli.veith@dunwoody.ga.gov
DEKALB COUNTY	WATER/SEWER	PAUL WEST 678-758-4914 pawest@dekalbcountyga.gov
FIBER LIGHT	TELECOM	FIBER LIGHT LOCATE DESK 800-672-0181 ext.2 noc@fiberlight.com
GEORIGA POWER	ELECTRIC	LAMONTE WASLIEN 404-947-0729 LWASLIEN@southernco.com
LEVEL 3/CENTURY LINK	TELECOM	XAN RYPKEMA 720-888-1089 xan.rypkema@centurylink.com
SOUTHERN TELECOM INC	TELECOM	JIM NOELS C:706-518-8941 O:678-443-1891 jlnoels@southernco.com
VERIZON	TELECOM	ASH BELAVADI 470-542-2605 ash.belavadi@verizon.com
WINDSTREAM	TELECOM	STEVEN CARTER 704-589-9728 Steven.Carter@windstream.com
ZAYO	TELECOM	RUSTY PERDIEU 706-972-1358 rusty.perdieu@zayo.com

City of Dunwoody Georgia

AECOM

REVISION DATES

GENERAL NOTES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		04-0001
VERIFIED:		DATE:		

GENERAL NOTES FOR SIGNING

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.

4a. 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).

4b. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARD RAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARD RAIL TO THE NEARER EDGE OF THE SIGN(S).

5. 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.

6. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.

7. TYPE 9 (VERY 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.

8. 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).

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

10. 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) SIGNS. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.

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

12. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.

13. INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. 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.

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

15. 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.

16. 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.

17. NO ADDITIONAL PAYMENT SHALL BE MADE FOR REMOVING AND REPLACING EXISTING SIGNS. THIS SHALL BE INCIDENTAL TO "TRAFFIC CONTROL".

City of Dunwoody Georgia

AECOM

REVISION DATES

GENERAL NOTES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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TRAFFIC SIGNAL GENERAL NOTES

1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.
2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FEET BUT NO MORE THAN 19 FEET CLEARANCE FROM BOTTOM OF SIGNAL HEADS TO TOP OF ROAD SURFACE AND A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
3. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPERATE LEAD-INS TO THE CONTROL CABINET.
4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE INSTALLATION. AT THE DISCRETION OF THE ENGINEER, MINOR SHIFTS, (UP TO A MAXIMUM OF 5 FEET), IN LOCATION OF NEW SIGNAL POLES, ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINUMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATIONS(S) REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGH INSTALLATION OF NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL OPERATION TO BE INOPERABLE.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY TIMBER POLES WHEN ATTACHING SPAN WIRE OR INTERCONNECT CABLE TO THE POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
7. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE CITY TRAFFIC ENGINEER OR HIS DESIGNATED REPRESENTATIVE PRIOR TO FINAL ACCEPTANCE.
8. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE CITY OF DUNWOODY DEPARTMENT OF PUBLIC WORKS CONTACT THE DEPARTMENT OF PUBLIC WORKS DIRECTOR AT (678) 382-6700.
9. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
10. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE DOT SPECIFICATION.
11. ALL EXISTING STOP BARS, WORDS, ARROWS AND CROSSWALKS THAT ARE NOT REMOVED OR RELOCATED SHALL BE REPLACED IN ACCORDANCE WITH CURRENT GDOT STANDARDS.
12. PROPOSED SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLES ARE PROVIDED AS GENERAL GUIDELINES TO INSTALLER, ACTUAL ATTACHMENT HEIGHTS SHALL BE FIELD DETERMINED BY INSTALLER TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING UTILITIES.
13. THE CONTRACTOR SHALL REPLACE IN KIND AND SIZE, AT NO SEPARATE EXPENSE TO THE DEPARTMENT, ANY BARRIER WALL, FENCE, DITCH PAVING, CURBING, SIDEWALK, GUTTER, SLOPE PAVEMENT, SIGNS, GUARDRAILS, LANDSCAPING, GRASSINGS, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED, DUE TO CONTRACTOR'S ACTIVITY.
14. AS PER CITY OF DUNWOODY DETAIL, ALL SIGNAL POLES, MASTARMS AND PEDESTRIAN POLES SHALL BE BLACK POWDER COATED AND FLUTED. ALSO, ALL SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL BE BLACK.

City of Dunwoody Georgia

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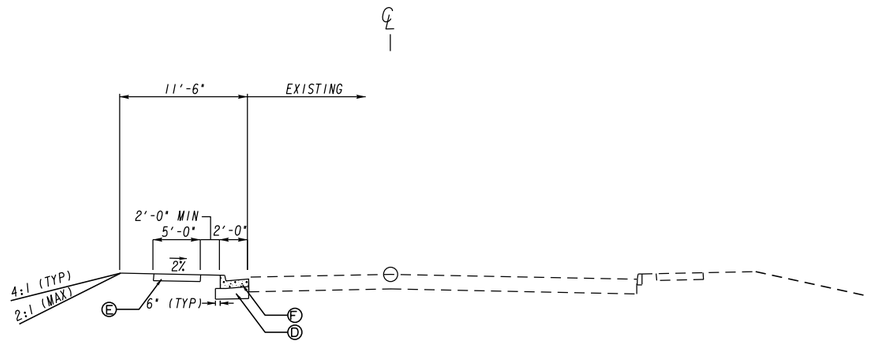
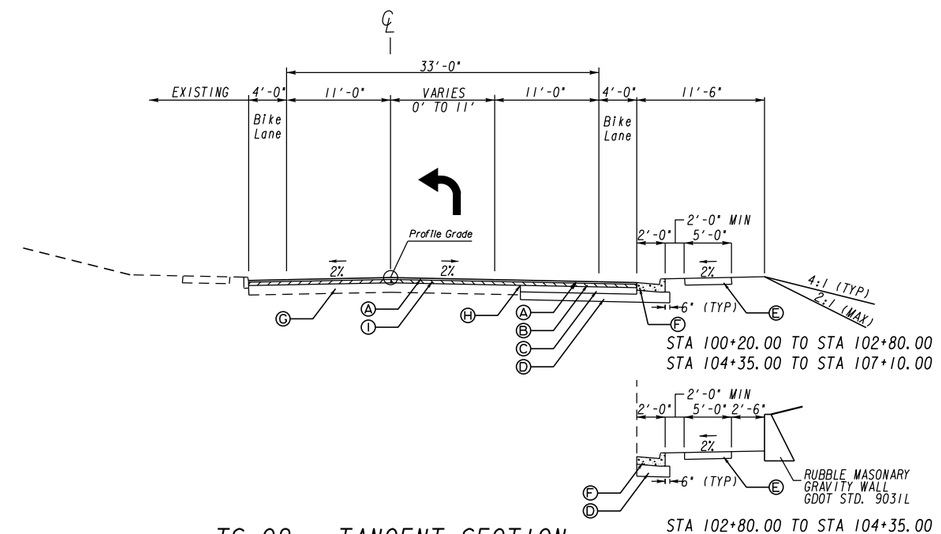
PAVEMENT LEGEND

- Ⓐ RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP2 ONLY, INCL BITUM MATL & H LIME, 165 LBS/SY
- Ⓑ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 220 LBS/SY
- Ⓒ RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 660 LBS/SY
- Ⓓ GR AGGR BASE CRS, 8 INCH, INCL MATL
- Ⓔ CONC SIDEWALK, 4 IN
- Ⓕ CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
- Ⓖ EXISTING PAVEMENT
- Ⓗ PVMT REINF FABRIC STRIP, TP 2, 18 INCH WIDE
- Ⓘ MILL ASPH CONC PVMT, 1.5 IN DEPTH



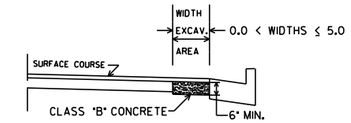
TS 01 - TANGENT SECTION
2 LANE- URBAN (CHAMBLEE DUNWOODY RD)

STA 91+40.08 TO STA 100+20.00



TS 02 - TANGENT SECTION
2 LANE- URBAN (CHAMBLEE DUNWOODY RD)

STA 100+20.00 TO STA 107+10.00



NO 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".

In excavated areas greater than 5'-0" in width, the Contractor shall place base and paving as specified on the typical section.

See plans for details of curb and gutter construction.

CLASS "B" CONCRETE BASE OR WIDENING DETAIL

City of Dunwoody Georgia

AECOM

NOT TO SCALE

REVISION DATES

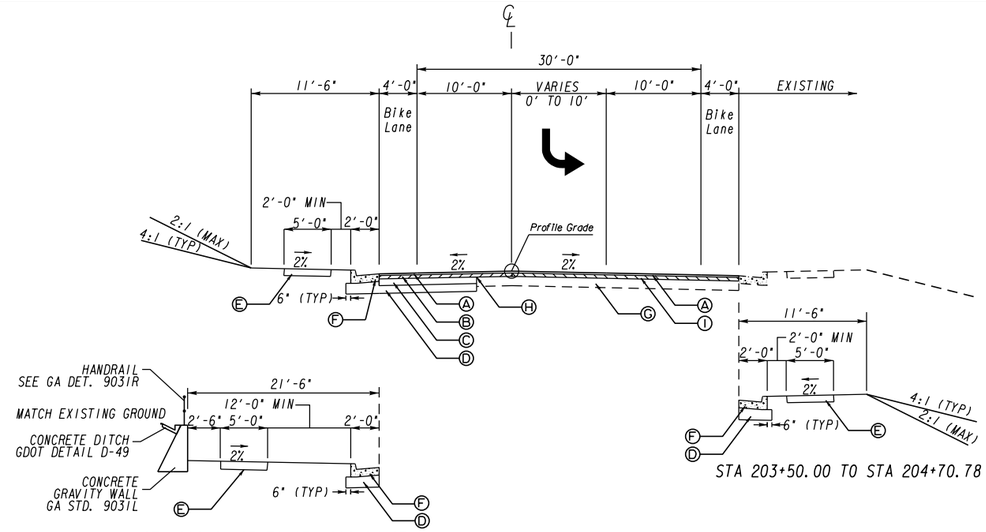
TYPICAL SECTIONS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

PAVEMENT LEGEND

- (A) RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP2 ONLY, INCL BITUM MATL & H LIME, 165 LBS/SY
- (B) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 220 LBS/SY
- (C) RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 660 LBS/SY
- (D) GR AGGR BASE CRS, 8 INCH, INCL MATL
- (E) CONC SIDEWALK, 4 IN
- (F) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
- (G) EXISTING PAVEMENT
- (H) PVMT REINF FABRIC STRIP, TP 2, 18 INCH WIDE
- (I) MILL ASPH CONC PVMT, 1.5 IN DEPTH



TS 03 - TANGENT SECTION

2 LANE - URBAN (WOMACK RD)

STA 202+10.00 TO STA 207+60.00

NOT TO SCALE

REVISION DATES

TYPICAL SECTIONS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

GRADING COMPLETE	
LUMP SUM	LUMP

CONC R/W MARKERS	
EA	7

TRAFFIC CONTROL	
LUMP SUM	LUMP

PLAIN CONC DITCH PAVING (4 IN)	
SY	37

		TOTAL
RECYCLED ASPHALT CONCRETE 9.5 MM SUPERPAVE, TYPE II, GP 2 ONLY, INCL BITUM MATL & H LIME	TN	**7**
RECYCLED ASPHALT CONCRETE 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	TN	**429**
RECYCLED ASPHALT CONCRETE 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	TN	**60**
RECYCLED ASPHALT CONCRETE 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	TN	**179**
GRADED AGGREGATE BASE COURSE, INCL MATL	TN	**25**
GRADED AGGREGATE BASE COURSE, 6 INCH, INCL MATL	SY	**99**
GRADED AGGREGATE BASE COURSE, 8 INCH, INCL MATL	SY	**1170**
MILL ASPHALT CONCRETE PVMT, 1.5" DEPTH	SY	**4564**
RECYCLED ASPHALT CONCRETE LEVELING, INCL BITUM MATL & H LIME	TN	**971**
PAVEMENT REINFORCING STRIPS, TP 2, 18 INCH WIDTH	LF	**860**
AGGREGATE SURFACE COURSE	TN	**50**
TACK COAT	GAL	**834**
CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	**2260**
CONCRETE SIDEWALK, 4 IN	SY	**1022**
CONCRETE SIDEWALK, 8 IN	SY	**130**
CONCRETE VALLEY GUTTER, 6 IN	SY	**123**
CLASS B CONC, BASE OR PVMT WIDENING	CY	**34**

TRAFFIC STRIPE		
DESCRIPTION	UNIT	QUANTITY
		THERMOPLASTIC
5" SOLID WHITE	**LIN FEET**	2476
5" SOLID YELLOW	**LIN FEET**	1063
5" SKIP WHITE	**GR LIN FEET**	107
8" SOLID WHITE	**LIN FEET**	1034
24" SOLID WHITE	**LIN FEET**	24

	UNITS	WALL NO. 1 STA 102+80.00 TO STA 104+35.00	WALL NO. 2 STA 202+94.99 TO STA 205+80.00	TOTAL
GRAVITY WALL ITEMS				
TOTAL WALL LENGTH	SEG	155	76	
TOTAL WALL AVERAGE HEIGHT	TOT	5	4.5	
CLASS A CONCRETE, RETAINING WALL	CY	0	33	33
CLASS B CONCRETE, RETAINING WALL	CY	65	0	65
SIDE BARRIER				
CONCRETE SIDE BARRIER, TP 6-S	LF		63	63
CONCRETE SIDE BARRIER, TP 6-SA	LF		78	78
CONCRETE SIDE BARRIER, TP 6-SB	LF		86	86
CONCRETE SIDE BARRIER, TP 6-SC	LF		7	7
MISCELLANEOUS WALL ITEMS				
GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF		286	286
STONE FACING (GRANITE)	SF		560	1971

SUMMARY OF QUANTITIES - STANDARD ROADSIDE SIGNS

ROADWAY	STATION	INSTL NO	HIGHWAY SIGNS: SIGN CODE	HIGHWAY SIGNS: TP 1 MATL, REFL SHEETING TP 9: SIZE	QYT	SQ FT	SQUARE TUBE POST: TYPE 7: LENGTH (FEET)	QYT	TOTAL LENGTH
Womack Rd	207+46	1	R10-7	24 x 30	1	5.00	13	1	13
TOTAL						5.00			13

TRAFFIC STRIPE (SY)	
DESCRIPTION	QUANTITY
	THERMOPLASTIC
WHITE	438
YELLOW	2573

ARROWS (EACH)	
DESCRIPTION	QUANTITY
	THERMOPLASTIC
TYPE 1	4
TYPE 1A	5

RAISED PAVEMENT MARKERS (EACH)	
DESCRIPTION	QUANTITY
TYPE 1	48

HOT APPLIED PREFORMED PLASTIC PVMT MARKING, BIKE LANE MARKING, TP P	
EACH	4

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 11	SF	90
639-3004	STEEL STRAIN POLE, TP IV, WITH 40' MAST ARM - FLUTED BLACK	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 45' MAST ARM - FLUTED BLACK	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 50' MAST ARM - FLUTED BLACK	EA	2
647-1000	TRAFFIC SIGNAL INSTALLATION #1	LUMP	LUMP
682-6233	CONDUIT, NONMETAL, TYPE 3, 2 IN	LF	1565
682-8500	ELECTRICAL SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
682-9950	DIRECTIONAL BORE, 3 IN	LF	87
682-9950	DIRECTIONAL BORE, 5 IN	LF	100
682-9950	DIRECTIONAL BORE, 7 IN	LF	170
687-1000	TRAFFIC SIGNAL TIMING	LUMP	LUMP
936-1003	CCTV SYSTEM, TYPE H	EA	1
936-8000	CCTV TESTING	LUMP	LUMP

City of Dunwoody Georgia

AECOM

REVISION DATES

SUMMARY QUANTITIES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

STRUCTURE NUMBER	STATION	OFFSET SIDE	ROAD	STORM DRAINAGE PIPE			CATCH BASINS					DROP INLETS			MANHOLES (GA STD 1011A)			ADJUST MANHOLE TO GRADE
								GP 1		GP 2			GP 1		GP 1			
				HEIGHT OF FILL	18 IN	42 IN	GA STD	# of CB	ADDL DEPTH	# of CB	ADDL DEPTH	GA STD	# of DI	ADDL DEPTH	# of MH	ADDITIONAL DEPTH CL 1	ADDITIONAL DEPTH CL 2	
					LIN. FT.	LIN. FT.		EA	LF	EA	LF		EA	LF	EA	LF	LF	EA
A-8	202+14	LT	Womack Rd	H 1-10	48													
A-7	202+56	LT	Womack Rd	H 1-10		58												1
A-6	203+11	LT	Womack Rd	H 1-10		99									1	5	1	
A-5	204+10	LT	Womack Rd	H 1-10		69									1	5		
A-4	204+79	LT	Womack Rd	H 1-10		51									1	3		
A-3	205+29	LT	Womack Rd	H 1-10		61	1033D			1	2							
A-3.2	205+90	LT	Womack Rd	H 1-10		169									1	2		
A-2	207+58	LT	Womack Rd	H 1-10		31	1033D			1	2							
A-1	207+90	LT	Womack Rd	H 1-10														
A-3.1	205+90	LT	Womack Rd	H 1-10	6							9031-S	1	2				
A-5.1	204+13	LT	Womack Rd	H 1-10	11		1033D	1	1									
C-5	100+76	LT	Chamblee Dunwoody Rd	H 1-10	49		1033D	1	2									
C-4	100+28	LT	Chamblee Dunwoody Rd	H 1-10	276										1	2		
C-3	97+52	LT	Chamblee Dunwoody Rd	H 1-10	258		1033D	1										
C-2	94+94	LT	Chamblee Dunwoody Rd	H 1-10	195		1033D	1										
C-4.1	100+29	RT	Chamblee Dunwoody Rd	H 1-10	36		1033D	1	2									
STORM DRAINAGE TOTALS				H 1-10	879	538		5	5	2	4		1	2	5	17	1	1

	PERMANENT GRASSING	TEMPORARY GRASSING	MULCH	AGRICULTURAL LIME	FERTILIZER MIXED GRADE	NITROGEN CONTENT	SOD	EROSION CONTROL MATS, SLOPES	TEMPORARY SILT FENCE, TYPE C	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	CONSTRUCTION EXIT	MAINTENANCE OF CONSTRUCTION EXIT	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	MAINTENANCE OF INLET SEDIMENT TRAP
	AC	AC	TN	TN	TN	LB	SY	SY	LF	LF	EA	EA	EA	EA
PERMANENT	1.2		4	4	2	60	1182	330						
TEMPORARY		0.6	2		1				3260	1630			14	14
DISTURBED			16											
AS DIRECTED/ ROUND UP	0.8	0.4							740	370	4	4		
TOTAL	2	1	22	4	3	60	1182	330	4000	2000	4	4	14	14

WATER QUALITY MONITORING AND SAMPLING	
3	EA

WATER QUALITY INSPECTIONS	
18	MO

ADJUST WATER METER TO GRADE	
EA	2

ADJUST FIRE HYDRANT TO GRADE	
EA	3

City of Dunwoody Georgia

AECOM

REVISION DATES

SUMMARY QUANTITIES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No. 06-0002

DATE$$$ TIME$$$ $PRF8$ DGN
$USER$ $$PENTABLE$$

QUANTITIES REQUIRED BY AMENDMENT

DATE	ITEM NO.	AMENDMENT DATE	AMENDMENT NUMBER	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REQUIRED BY AMENDMENT QUANTITY

$REF15$ $REF14$ $REF13$ $REF12$ $REF11$
$REF10$ $REF09$ $REF08$ $REF07$ $REF06$
$REF05$ $REF04$ $REF03$ $REF02$ $REF01$

10/23/2015 GPLN

REVISION DATES

QUANTITIES (AMENDMENT)

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

				DRAWING No.
CHECKED:		DATE:		07-0001
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

QUANTITIES REQUIRED ON CONSTRUCTION

DATE	ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	PREVIOUS QUANTITY	REQUIRED ON CONSTRUCTION QUANTITY

$REF15$ $REF14$ $REF13$ $REF12$ $REF11$
$REF10$ $REF09$ $REF08$ $REF07$ $REF06$
$REF05$ $REF04$ $REF03$ $REF02$ $REF01$

City of Dunwoody Georgia

AECOM

REVISION DATES

QUANTITIES (CONSTRUCTION)

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No. 08-0001

GREAT SOUTH FIVE LLC

JOSEPH T. & JENNIFER P. TREANOR

1 TARTOS HOMES LLC
SEE SHEET 7

2 SEAN HOLMES
SEE SHEET 7

ALEXANDER M. SLADKY

EXIST. R/W

INSTALL SILT FENCE TO FIELD LOCATE EASEMENT AND EXISTING RIGHT OF WAY. CONTRACTOR TO NOT ENTER ONTO PRIVATE PROPERTY.

90+75 91+00 92+00 93+00 94+00 95+00

POB 90+75.00

91+40.08
31.23' LT
R 15'

91+55.17 15.90' LT
91+77.49 16.08' LT
92+09.80 16.13' LT
92+40.83 16.50' LT
92+72.72 16.55' LT
93+04.95 16.73' LT
93+38.45 16.32' LT
93+70.43 15.64' LT
94+02.87 15.30' LT
94+31.67 14.97' LT
94+63.58 14.03' LT

C1.0 C2.0 18'

N 39°21'27" W

CHAMBLEE DUNWOODY RD

CURVE DE101

DW5 +79

DW4 +35

BEGIN CONSTRUCTION
BEGIN CURB
& GUTTER
STA 91+40.08

P.C. 91+81.93

P.I. 93+82.12

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75
N 1433260.4768
E 2247448.3754

MATCH LINE STA. 95+00 DRAWING No. 13-0002

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : WE

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		13-0001
VERIFIED:		DATE:		

ALEXANDER M. SLADKY

RAMI RAO

3 SUSAN & JILL ANN IRWIN
SEE SHEET 7

4 JOHN LOUGHREY KANE
SEE SHEET 7

ANDREW K. MAICHLE

EXIST. R/W

EXIST. R/W

95+00

96+00

97+00

98+00

99+00

100+00

REPLACE DRIVEWAY TO SECOND JOINT. MATCH EXISTING DRIVEWAY FINISH AND JOINT PATTERN.

CONTRACTOR TO COORDINATE REMOVAL OF 3 CREPE MYRTLE WITH RESIDENT.

DO NOT DISTURB EXISTING FENCE

CONTRACTOR TO WORK WITH RESIDENT TO REMOVE EXISTING SHRUBS

DO NOT DISTURB EXISTING FENCE

95+98.09
28.71' LT

95+70.81
28.73' LT

R 18'

R 15'

95+06.49
14.52' LT

95+56.26
14.79' LT

96+14.73
14.79' LT

95+25.14
14.37' LT

96+66.33
14.66' LT

97+01.36
15.08' LT

97+34.62
14.78' LT

97+82.97
15.34' LT

98+30.84
14.95' LT

98+72.84
15.35' LT

99+16.74
15.66' LT

99+83.25
15.71' LT

99+50.91
15.61' LT

C2.0

C3.0

18"

DW1 +25

DW2 +22

CURVE DE101

CHAMBLEE DUNWOODY RD

N 35°32'08" W

N 34°53'08" W

MATCH LINE STA. 95+00 DRAWING No. 13-0001

MATCH LINE STA. 100+00 DRAWING No. 13-0003

P. T. 95+82.17

P. I. 98+41.99

EXIST. R/W

SIDEWALK

SIDEWALK

VALERIE L STEWART

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 GPLN

WILLIAM CARR

BEATRICE TETA SZCZERBACKI

JOHN SAENZ

LAUREN WISE

NEAL BAROT

ANGELA BERNA

ANDREW K. MAICHLE

MANGET WAY

EXIST. R/W

100+00

101+00

102+00

103+00

104+00

105+00

100+30.53
29.83' LT

R 15'

100+15.83
15.73' LT

18°

C5.0

100+40.00
15.00' LT

C4.0

C4.1

101+18.16

102+30.78

103+43.19

P.C.

P.I.

P.T.

15'

26'

-37
NC

+37
NC

+51
NC

+00
4.0%

CONST ℄

CURVE DE102

CHAMBLEE DUNWOODY RD

N 34°53'08" W

N 28°48'14" W

DRAWING No. 13-0002

MATCH LINE STA. 100+00

DRAWING No. 13-0004

MATCH LINE STA. 105+50

102+00.00
26.00' RT

103+43.19
26.00' RT

100+26.85
15.51' RT

104+05.00
37.50' RT

BEGIN MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 100+20.00

BEGIN WALL #1
STA 102+80.00
37.50' RT

END WALL #1
TIE TO EXISTING WALL
STA 104+35.00
36.66' RT

VALERIE L STEWART

ANN MCCORMICK SWEETING

TERRY L JEROME

KARTHIK THAMMAIAH

ANA S. GROSSO

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE102
PI Sta: 102+30.78
N: 1434191.21
E: 2246763.88
DELTA: 06°04'54.4" (RT)
D: 02°42'09.47"
T: 112.62
L: 225.03
R: 2120.00
E: 2.99
e: ME

5
AMERICAN TELEPHONE
& TELEGRAPH

SEE SHEETS 5, 6, 7

MATCH LINE DRAWING No. 13-0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 GPLN

AMY STONE

ASHWORTH HOMEOWNERS ASSOCIATION

CHAMBLEE DUNWOODY RD
STA 106+46.89 -
WOMACK RD
STA 202+67.05
N 1434555.975
E 2246563.213

PLUG AND ABANDON EXISTING PIPE

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE103
PI Sta: 107+04.17
N: 1434606.21
E: 2246535.69
DELTA: 07°17'49.2" (LT)
D: 05°06'56.50"
T: 71.42
L: 142.64
R: 1120.00
E: 2.27
e: WE

CURVE DATA
WOMACK RD

CURVE DE201
PI Sta: 201+68.79
N: 1434556.78
E: 2246460.16
DELTA: 30°23'36.2" (RT)
D: 15°16'43.95"
T: 101.86
L: 198.92
R: 375.00
E: 13.59
e: ME

P.I. 200+00.00
N 60°03'07.45" E
ASHFORD CENTER PKWY
CURVE DE201, CONST ℄
P.C. 200+66.93

STEPHEN WALLACE

LIMIT OF CONSTRUCTION
BEGIN MILL & INLAY
WOMACK RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 202+10.00

P.T. 202+65.86
P.C. 106+32.75

WAYNE N GREENBERG

REPLACE RAMP & DAMAGED SIDEWALK
106+00

TP. B

ANGELA BERNA

MATCH LINE STA. 105+50

DRAWING No. 13-0003

108+20 POE 108+19.55
108+00
107+00
106+00
200+00
201+00
202+00
203+00
204+00

EXIST. R/W

P.T. 107+75.39
P.I. 107+99.55
N 36°06'03" W
CHAMBLEE DUNWOODY RD
CURVE DE103
CONST ℄
P.I. 107+04.17
N 28°48'14" W
S 89°33'16.34" E
WOMACK RD

107+06.89
24.35' LT
R 12'

+75 NC
+71 NC
+50 MP 2.1%
+97 MP 1.6%
+00 NC
+51 4.0%

202+27.65
17.51' RT

R 50'
72° 4' 48"

R 60'
R 26'

105+98.03
15.00' LT

15'
26'

105+71.87
26.00' RT

203+10.91
24.00' LT

203+49.15
14.00' RT

A8.0
A7.0
A6.0

END PROJECT
CHAMBLEE DUNWOODY RD
STA 107+30
N 1434626.706
E 2246519.609

END CONSTRUCTION
END MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 107+10.00

6
CITY OF DUNWOODY
SEE SHEETS 6, 8

BEGIN CURB & GUTTER
STA 106+84.28
BEGIN SIDEWALK
STA 106+84.28

BEGIN WALL #2
GRAVITY WALL
GA STD 9031L
BEGIN HANDRAIL
GA DET 9031R
STA 202+81.87
54.52' LT

END GRAVITY WALL
BEGIN GA STD 4949C
STA 202+94.97
45.50' LT

RECONSTRUCT CURB ISLAND
203+00.49
43.00' LT

RECONSTRUCT
PARKING LOT CURB

REQD R/W

5
AMERICAN TELEPHONE & TELEGRAPH
SEE SHEETS 4, 6, 7

WOMACK RD

MATCH LINE STA. 204+00

DRAWING No. 13-0005

N

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No. 13-0004

MATCH LINE STA. 204+00

6
CITY OF DUNWOODY
SEE SHEETS 5, 8

7
RYAN ESSLINGER
SEE SHEET 8

MUKUND SRIKANT KUDRIMOTI

END GA STD 4949C
BEGIN GRAVITY WALL
GA STD 9031L
STA 205+23.00
36.95' LT

END WALL #2
END HANDRAIL
GA DET 9031R
STA 205+80.00
36.00' LT

BEGIN PAVED DITCH
GA DET D-49
204+15
47.70' LT

204+79.97
45.00' LT

205+29.72
35.50' LT

205+55.28
35.50' LT

204+00 205+00 206+00 207+00 208+00 209+00 209+06

P.I. 209+05.66

REQD R/W

EXIST. R/W

A5.0 A5.1 A4.0 A3.0 A3.1 A3.2 A2.0 A1.0 A1.1

42' 18' 24' 14'

+38 NC

205+29.23
28.00' LT

205+55.00
24.00' LT

+85 NC

207+47.23
14.62' LT

DW1 +18

END SIDEWALK
STA 207+60.00

END CURB & GUTTER
STA 207+60.00

WOMACK RD

CONST ℄

S 89°33'16.34" E

APPX. LAND LOT LINE

+61 NC

207+40.00
14.00'RT

LIMIT OF CONSTRUCTION
WOMACK RD
STA 207+90.08

END CURB & GUTTER
STA 204+68.55

END SIDEWALK
STA 204+70.78

AMERICAN TELEPHONE
& TELEGRAPH

SEE SHEETS 4, 5, 7

5

SHERRY FARABI

IH BORROWER LP

WICKENBY CT

ADAM C SCHNEIDER

END MILL & INLAY
WOMACK RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 207+60.00

18"RCP

18"RCP
APPX. LOC.

18"CMP

24"CMP
APPX. LOC.

I.E.=1057.75

I.E.=1055.88

TOP DI=1096.18
INV IN=1084.58
INV OUT=1084.48

TOP DI=1095.38
INV IN=1088.78

INV =1087.67

TOP OCS (48" DIAMETER PLATE TOP) =1092.15
W/ " HOLES AT 10
INV OUT=1086.28

TOP DI (SOLID CONC. TOP)=1068.16
INACCESSIBLE

TOP SDMH=1066.74
BOTTOM STRUCTURE=1062.13
STANDING WATER

TOP SDMH=1070.94
INV IN=1063.64
INV OUT=1063.54

TOP SDMH=1070.22
INV OUT=1065.00

TOP SDMH=
INV OUT=106

INV OUT=1057.74

MATCH LINE
DRAWING No. 13-0003

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	13-0005
VERIFIED:		DATE:	

10/23/2015 GPLN

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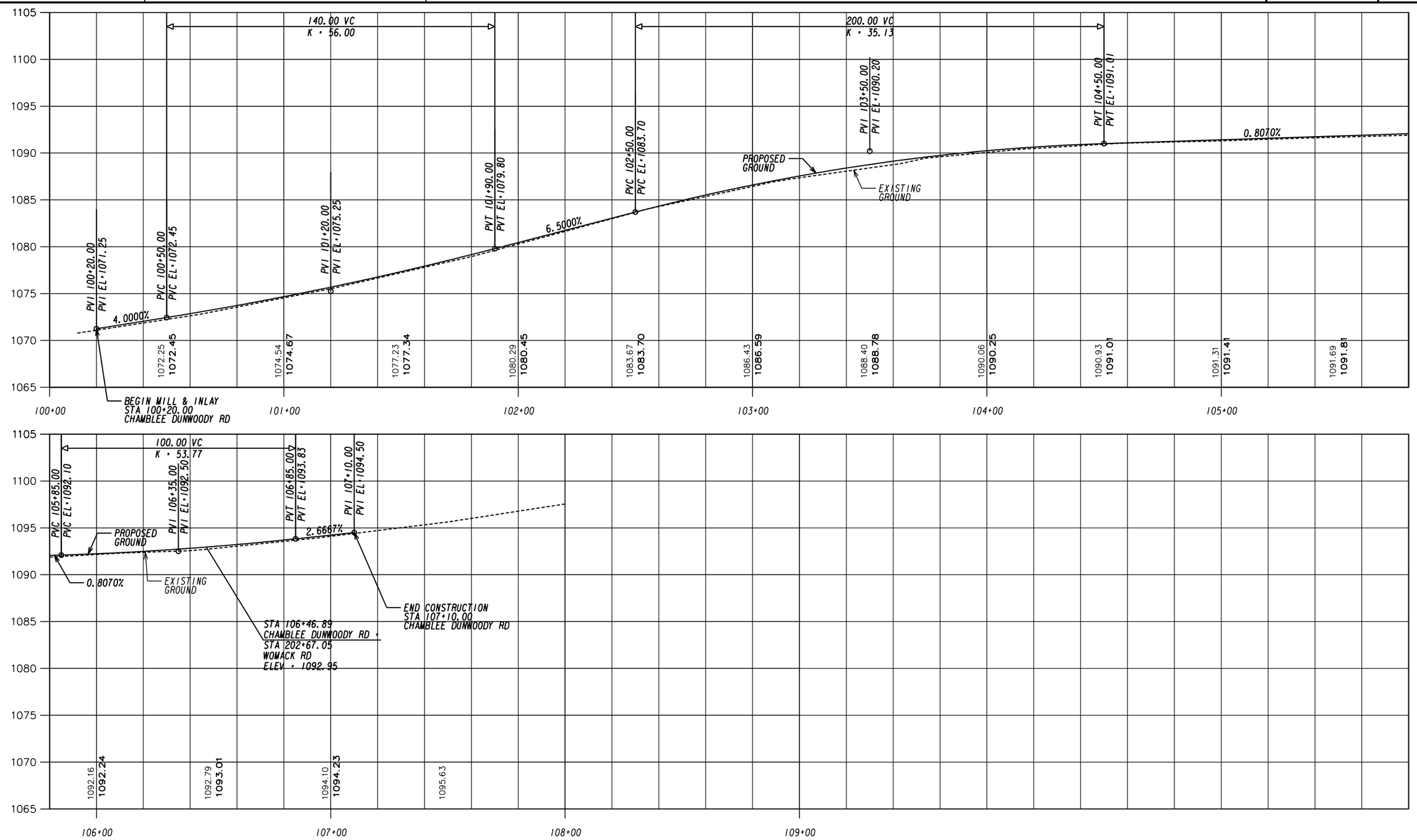

City of Dunwoody Georgia

AECOM

HORIZONTAL SCALE IN FEET
0 20 40 80

VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

MAINLINE PROFILE

CHAMBLEE DUNWOODY RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		15-0001
VERIFIED:		DATE:		

10/23/2015 GPLN

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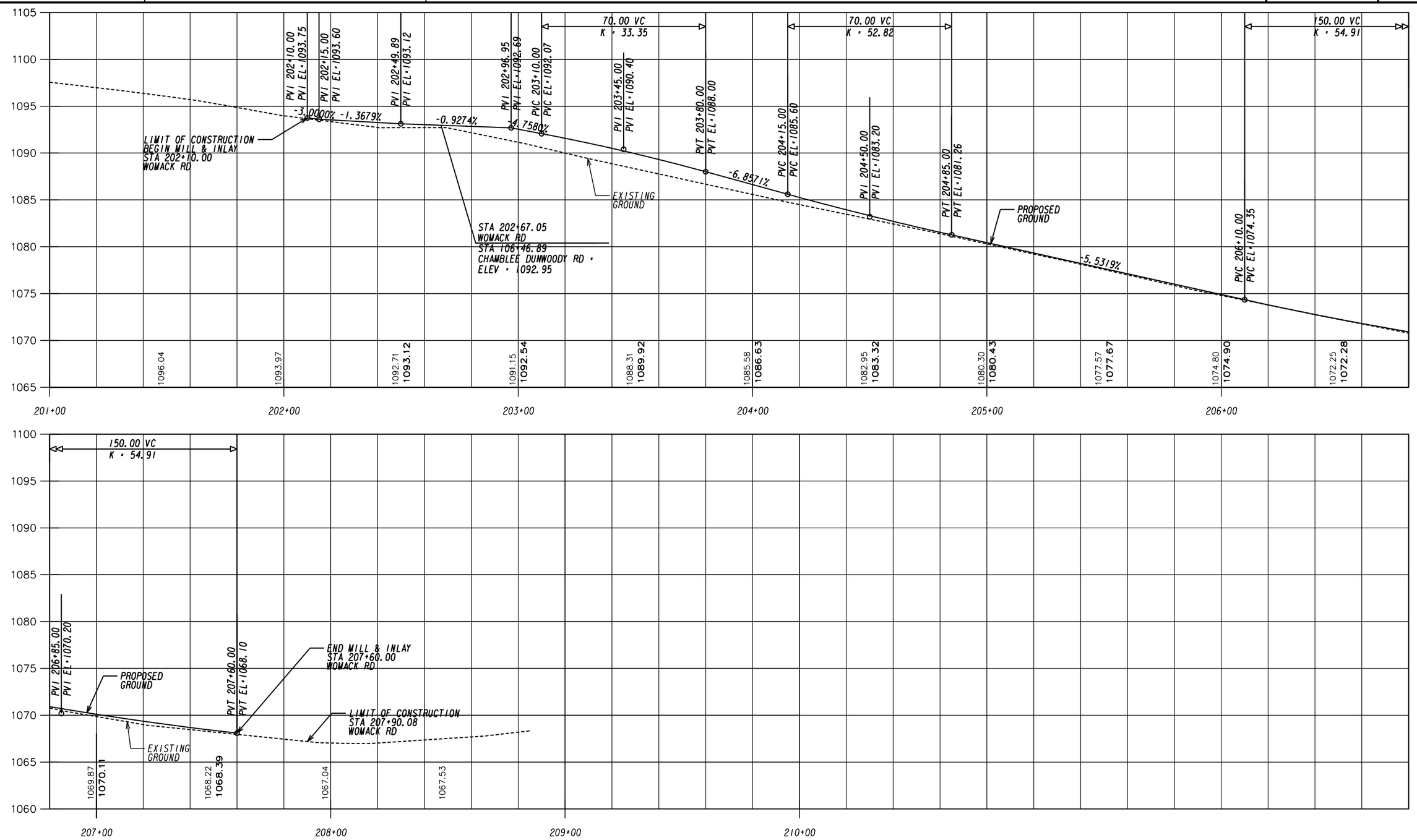

City of Dunwoody Georgia

AECOM

HORIZONTAL SCALE IN FEET
0 20 40 80

VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

CROSSROAD PROFILE

WOMACK RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		16-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

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Jonathan.lafleche

GPLOT-V8
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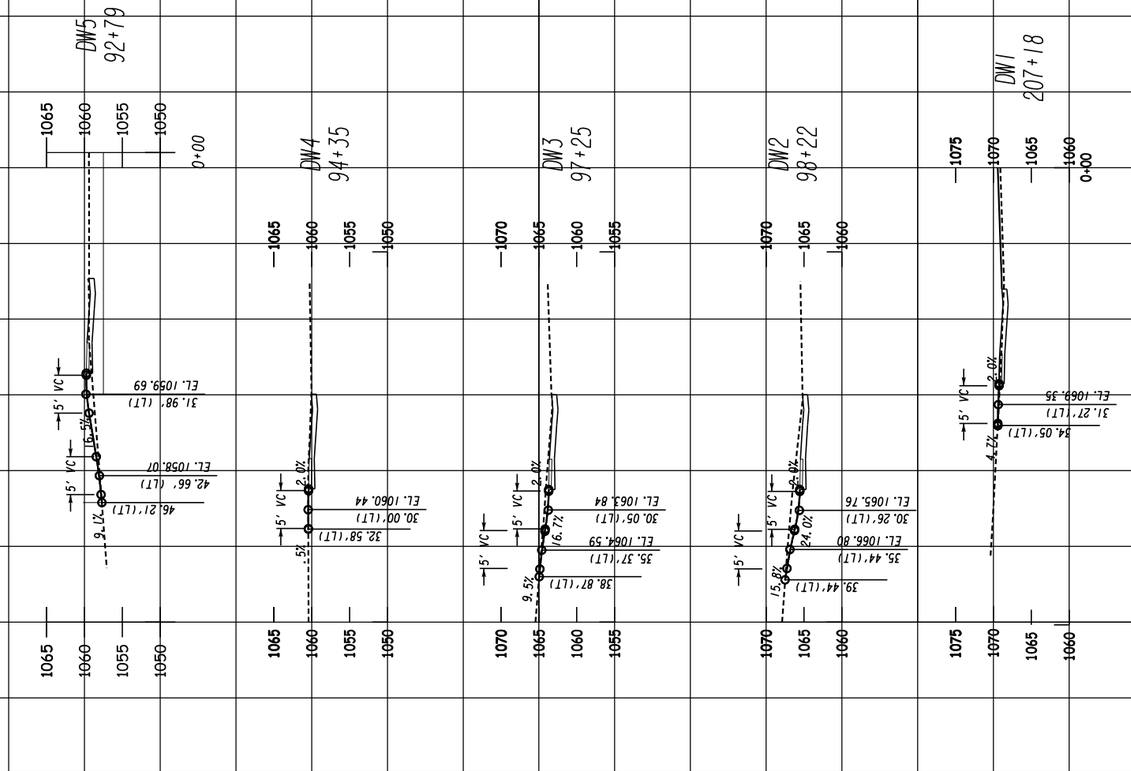


09/17/2015 SUXEN

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 10 20 40

REVISION DATES

DRIVEWAY PROFILES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	17-0001
CORRECTED:		DATE:	
VERIFIED:		DATE:	

END PROJECT
CHAMBLEE
DUNWOODY RD
STA 107+30.00
N 1434626.706
E 2246519.609

CHAMBLEE DUNWOODY RD

A6.1
A7.0
BASIN A5.0
BASIN A5.0
A6.0
A3.1
A5.0
A4.0
A3.0
A3.2
BASIN A2.0
BASIN A1.1
A1.0
A2.0
A1.1
208+00
204+00
200+00
108+00
106+00
104+00
102+00
100+00
95+00
91+00

ASHFORD CENTER PKWY

WOMACK RD

WICKENBY CT

OUTFALL #1

LIMIT OF CONSTRUCTION
WOMACK RD
STA 202+10.00

LIMIT OF CONSTRUCTION
WOMACK RD
STA 207+90.08

CHAMBLEE
DUNWOODY RD
STA 106+46.89 =
WOMACK RD
STA 202+67.05
N 1434555.975
E 2246563.213

BASIN C4.1
C4.1
BASIN C5.0
C5.0
C4.0
MANGET WAY
BASIN C3.0
C3.0
BASIN C2.0
C2.0
C1.0

NANCY CREEK TRIBUTARY
(RECEIVING WATERS)

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75.00
N 1433260.4768
E 2247448.3754

TOTAL PROJECT AREA = 2.47 ACRES
TOTAL DRAINAGE AREA = 5.51 ACRES
TOTAL DISTURBED AREA = 1.38 ACRES

N

SUMMERFORD DR

SCALE IN FEET
0 100 200 400

REVISION DATES

DRAINAGE AREA MAP

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		21-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

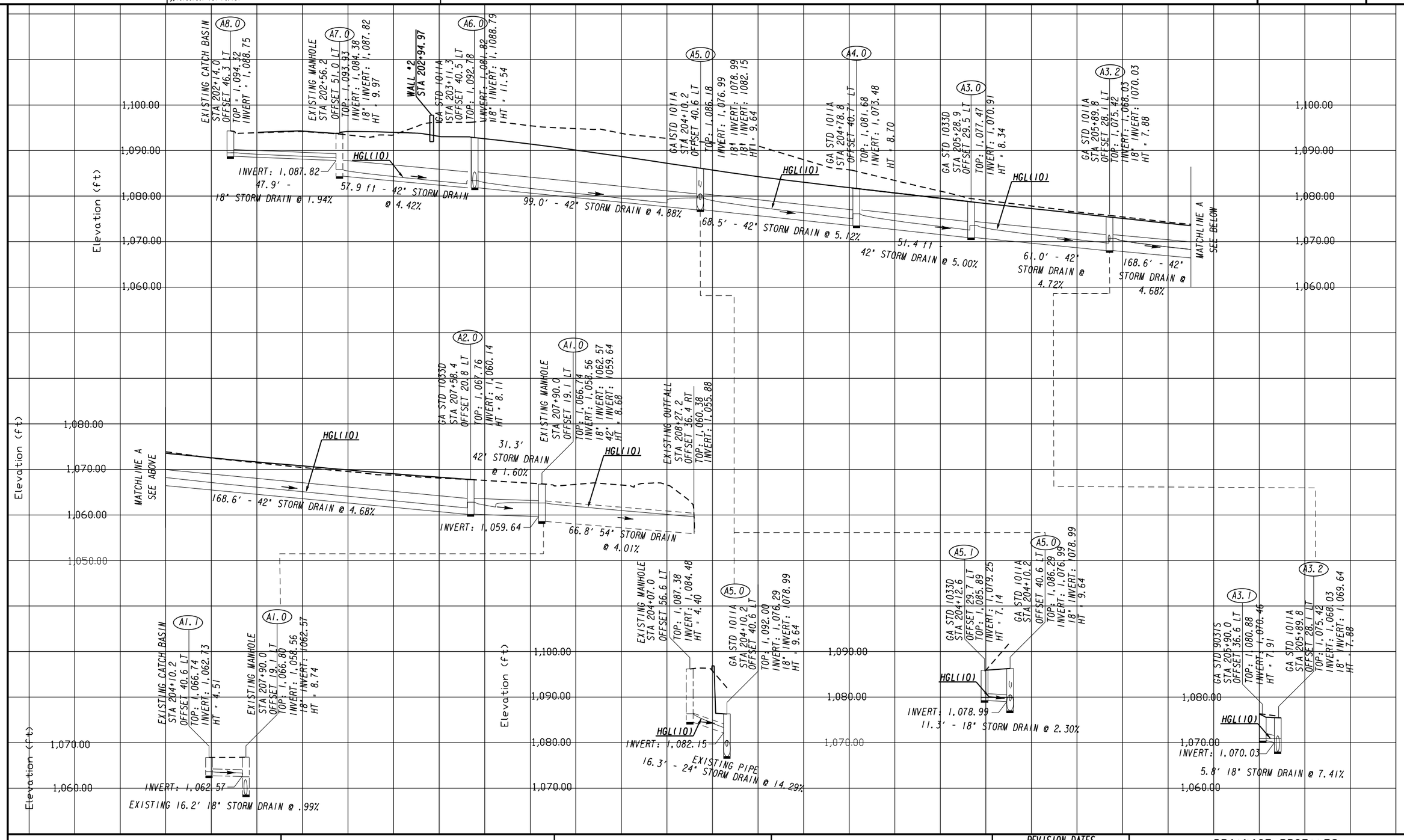
Struct. ID	Type	Roadway	Station	Offset (ft)	Proposed Size	Area (Ac)	Pre-Construction Conditions			Post Construction Conditions			
							Exist C	Exist Flows (CFS)	Exist Velocities (FPS)	Proposed C	Prop. Flows (CFS)	Prop. Velocities (FPS)	Gutter Spread (ft)
								10 Year	10 Year		10 Year	10 Year	10 Year
A1.1	Exist CB	WOMACK RD	208+06	19.2' LT	18"	1.35	0.43	3.89	5.48	0.43	3.89	4.37	10.9
A1.0	Exist MH to Outlet	WOMACK RD	207+90	19.1' LT	54"	N/A	N/A	210.73 **	19.23	N/A	211.55	13.83	N/A
A2.0	1033D	WOMACK RD	207+58	20.8' LT	42"	0.63	N/A	N/A	N/A	0.45	68.6	8.96	1.9
A3.0	1033D	WOMACK RD	205+29	29.5' LT	42"	0.22	N/A	N/A	N/A	0.65	66.77	8.85	N/A
A3.1	9031S	WOMACK RD	205+90	36.6' LT	18"	0.1	N/A	N/A	N/A	0.4	0.32	2.14	N/A
A3.2	1011A	WOMACK RD	205+90	28.1' LT	42"	N/A	N/A	N/A	N/A	N/A	67.08	8.87	N/A
A4.0	1011A	WOMACK RD	204+79	40.7' LT	42"	N/A	N/A	N/A	N/A	N/A	65.63	8.78	N/A
A5.0	1011A	WOMACK RD	204+10	40.6' LT	42"	N/A	N/A	N/A	N/A	N/A	65.63	8.78	N/A
A5.1	1033D	WOMACK RD	204+13	29.7' LT	18"	0.14	N/A	N/A	N/A	0.9	0.95	2.88	4.6
A6.0	Existing MH	WOMACK RD	203+11	40.5' LT	42"	N/A	N/A	N/A	N/A	N/A	22.36	5.93	N/A
A7.0	Existing MH	WOMACK RD	202+56	51.0' LT	42"	N/A	N/A	22.12	14.25	N/A	22.36	5.93	N/A
A8.0	Exist CB	WOMACK RD	202+14	46.3' LT	18"	N/A	N/A	3.96	4.79	N/A	4.2	4.49	3.3
C1.0	Exist CB	CDR	92+95	18.9 LT	18"	0.13	0.9	12.77	10.45	0.9	11.17	6.96	7.4
C2.0	1033D	CDR	94+94	18.9 LT	18"	0.72	N/A	N/A	N/A	0.53	9.49	6.31	9
C3.0	1033D	CDR	97+52	19.2 LT	18"	0.69	N/A	N/A	N/A	0.54	5.54	7.28	8.8
C4.0	1011A	CDR	100+28	18.8 LT	18"	N/A	N/A	N/A	N/A	N/A	7.97	6.76	N/A
C4.1	1033D	CDR	100+29	19.3 RT	18"	0.67	N/A	N/A	N/A	0.76	2.55	3.82	8.7
C5.0	1033D	CDR	100+77	17.8 RT	18"	0.7	N/A	N/A	N/A	0.79	2.48	3.79	8.5
		** ASSUMED SUBSURFACE FLOWS FROM OFFSITE INCLUDED (A7.0 = 22.12 CFS, A8.0 = 3.96 CFS, POND = 42.32 CFS, 54" CMP = 139.05 CFS,)											

REVISION DATES

DRAINAGE AREA MAP

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

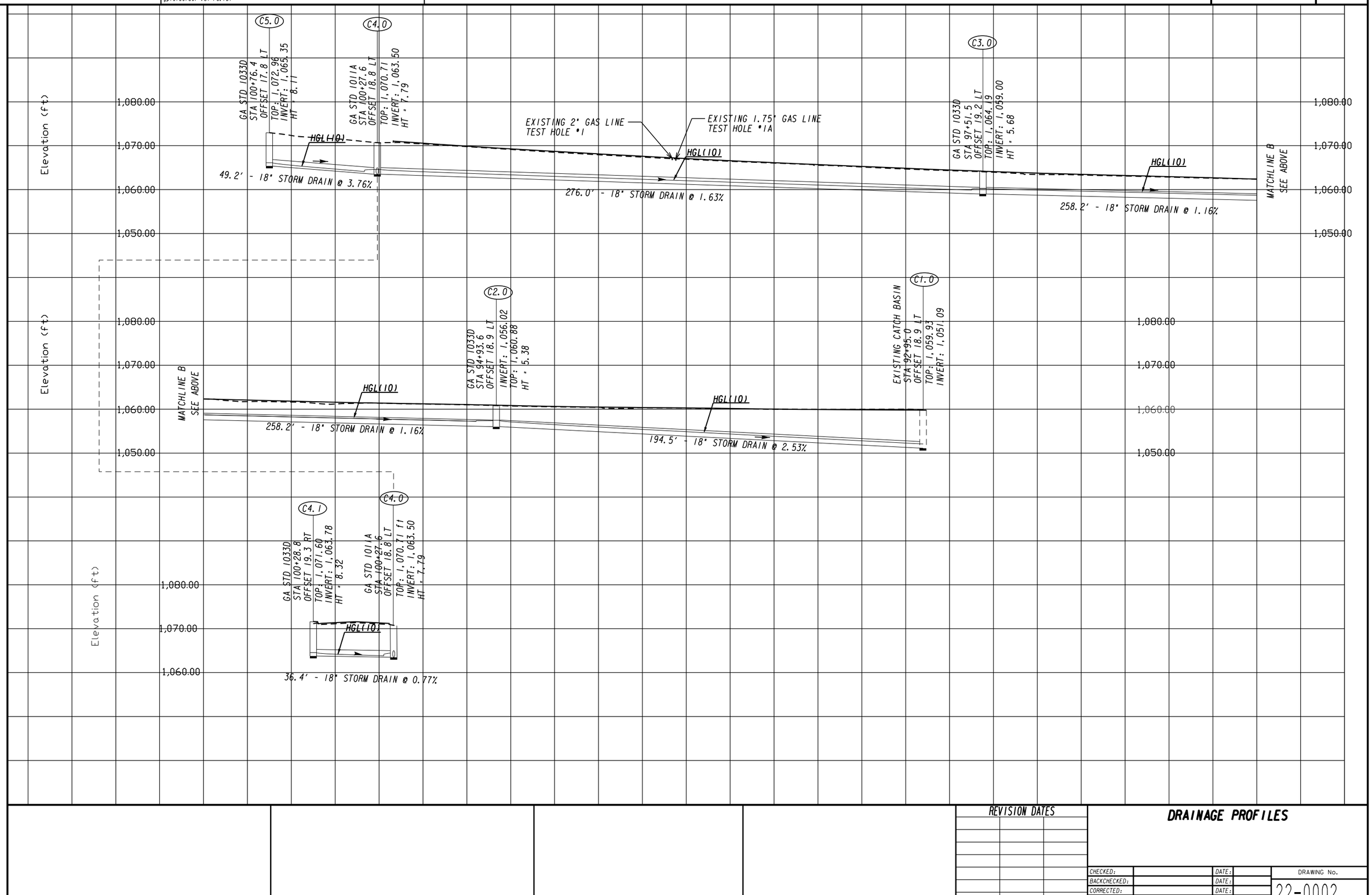
CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	21-0002
VERIFIED:		DATE:	



REVISION DATES		

DRAINAGE PROFILES

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		22-0001
VERIFIED:		DATE:		



REVISION DATES

DRAINAGE PROFILES

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		22-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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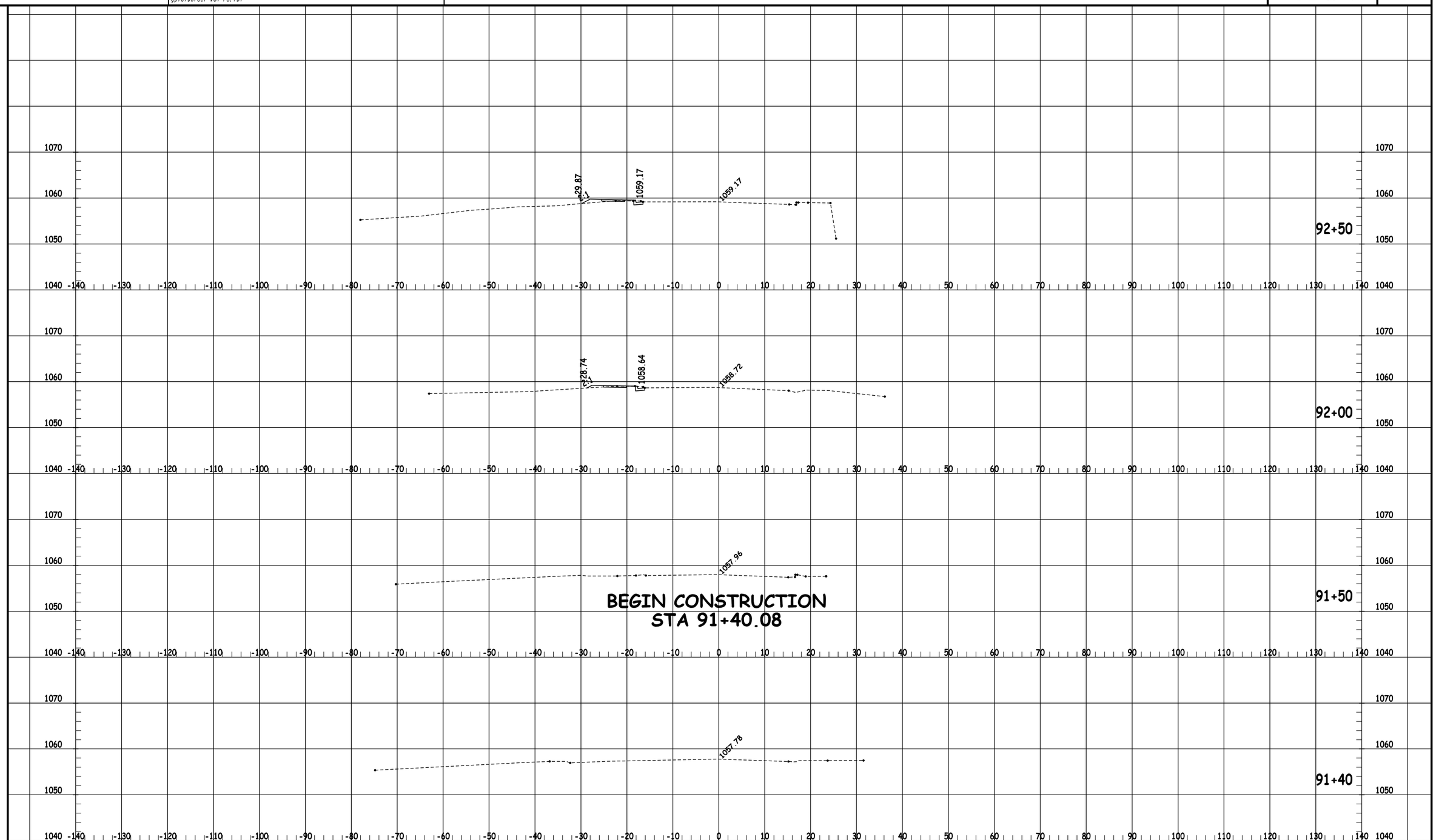

REVISION DATES		

AECOM

SCALE IN FEET
0 10 20 40

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

11/8/2018 SUXSEW

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Jonathan.lafleche | gplotborder-V8i-P0.tbl

GDOT

95+00

-26.65 2:1 1060.60 1060.72

94+50

-26.36 2:1 1060.12 1060.36

94+00

-27.67 2:1 1059.88 1060.12

93+50

-29.32 2:1 1059.57 1059.86

93+00

-29.50 2:1 1059.41 1059.50

AECOM

SCALE IN FEET

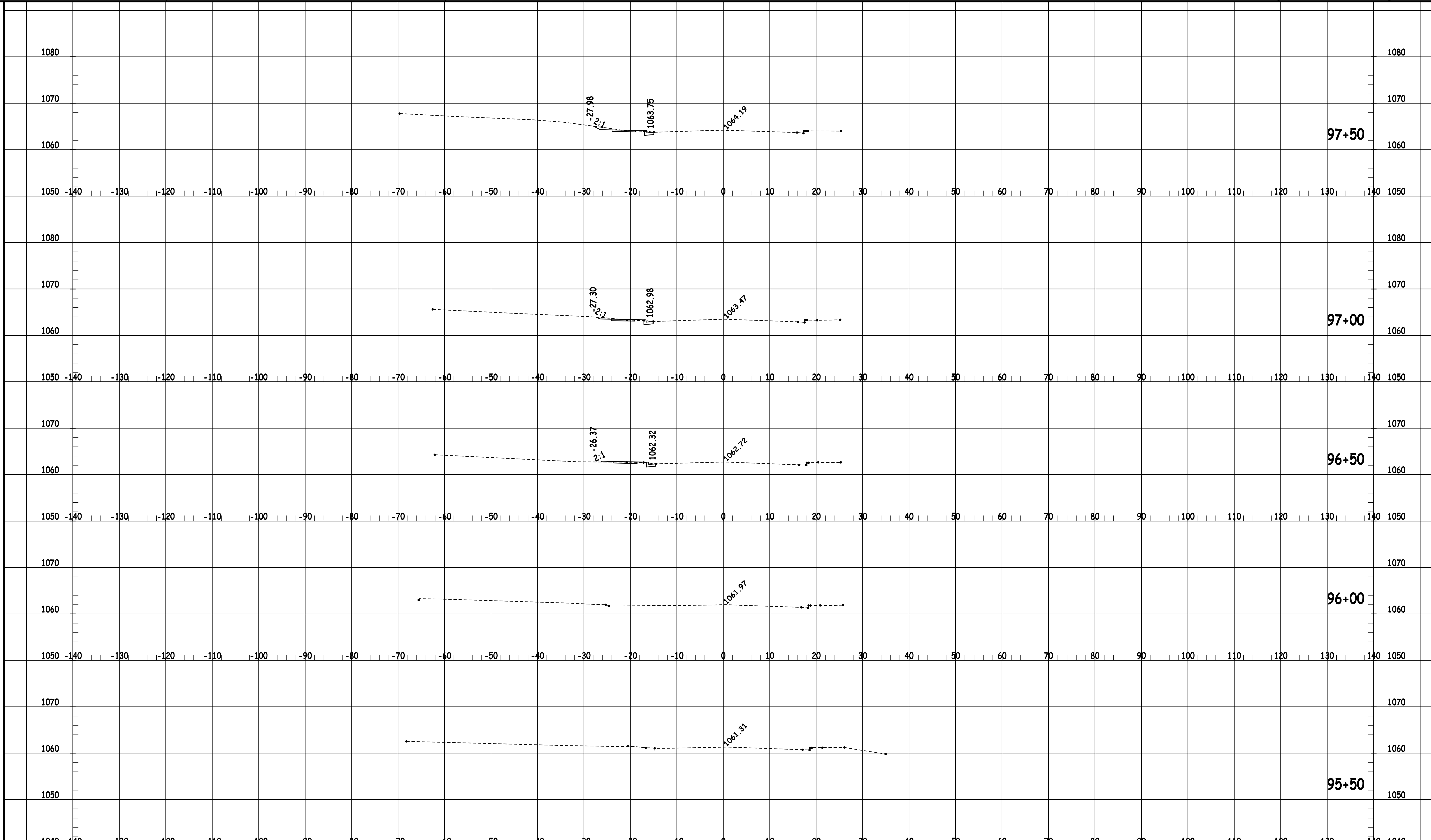
0 10 20 40

REVISION DATES

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

11/8/2018 SUXSEW



REVISION DATES

AECOM

SCALE IN FEET
0 10 20 40

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

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

DRAWING No.
23-0003

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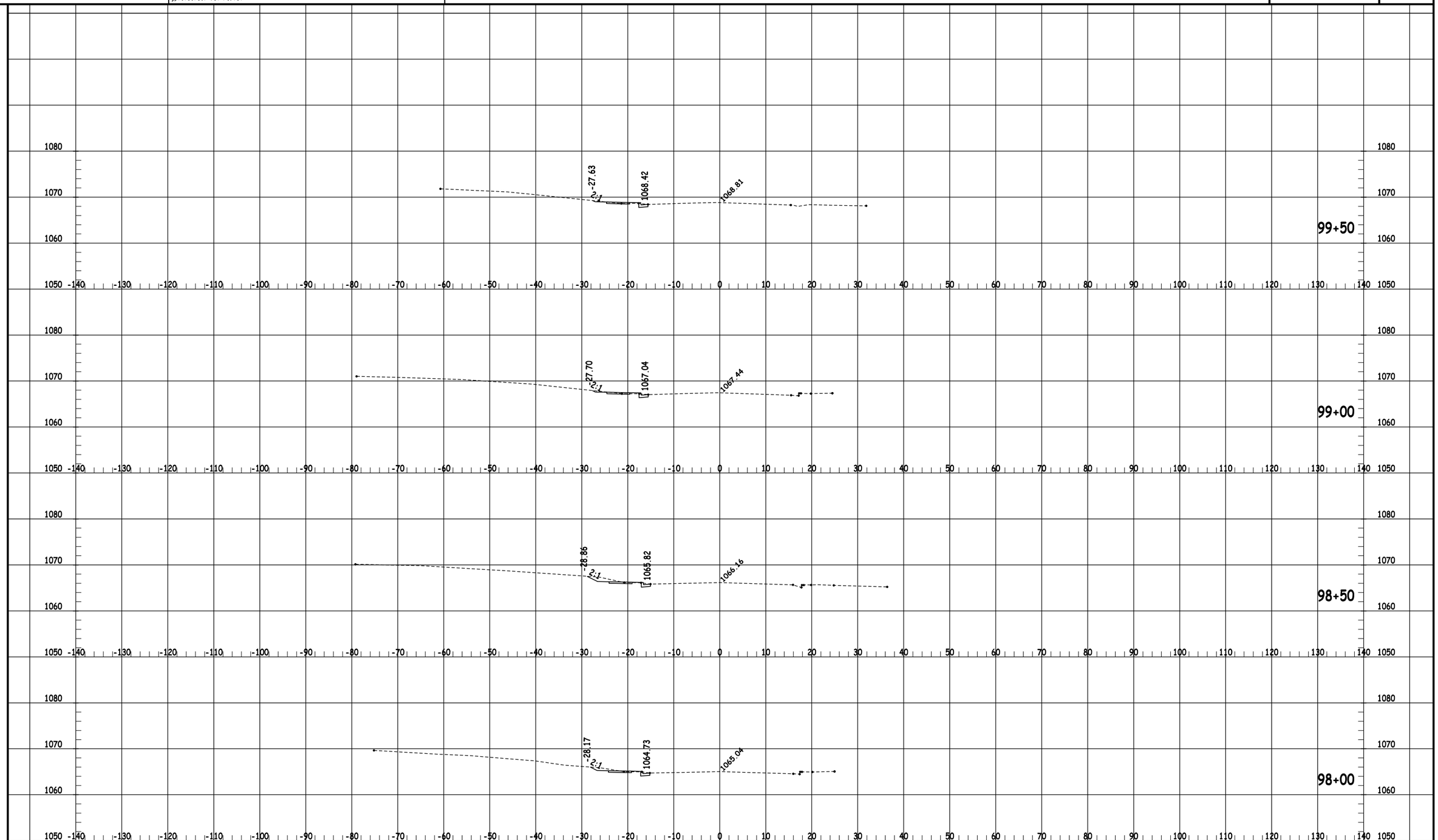

AECOM

SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	23-0004
VERIFIED:		DATE:	

11/8/2018 SUXSEW

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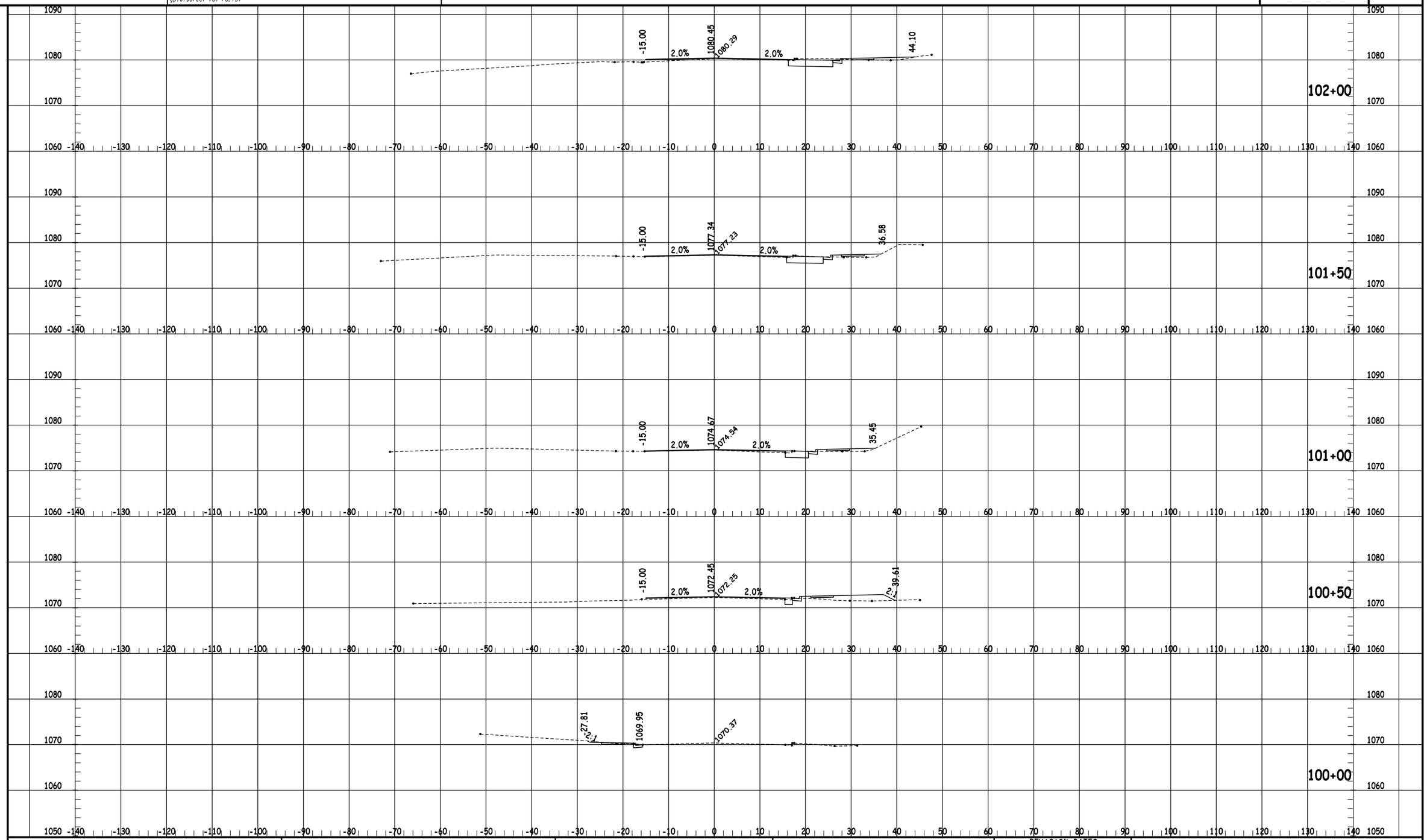

AECOM

SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

11/8/2018 SUXSEW

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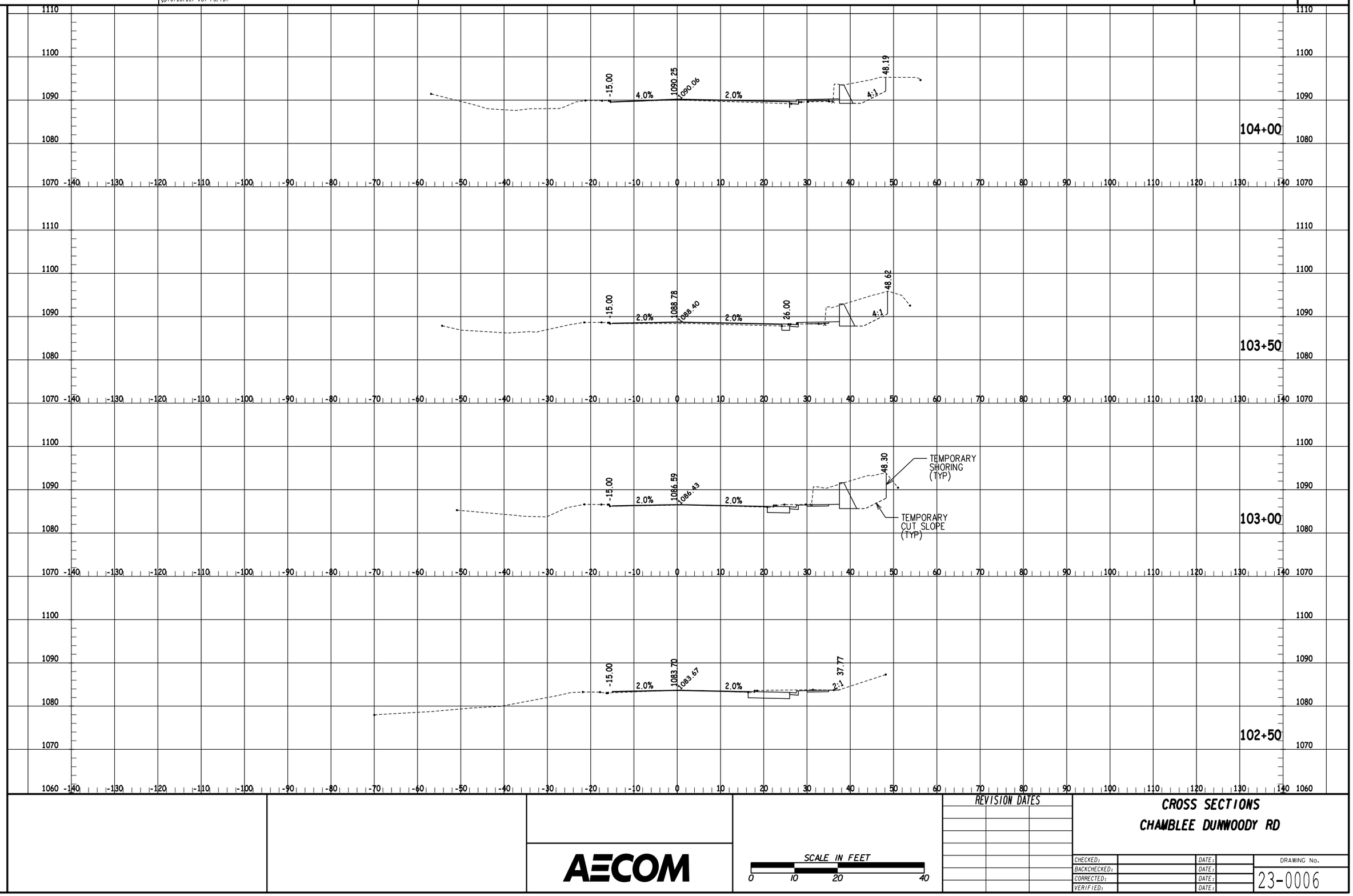


REVISION DATES

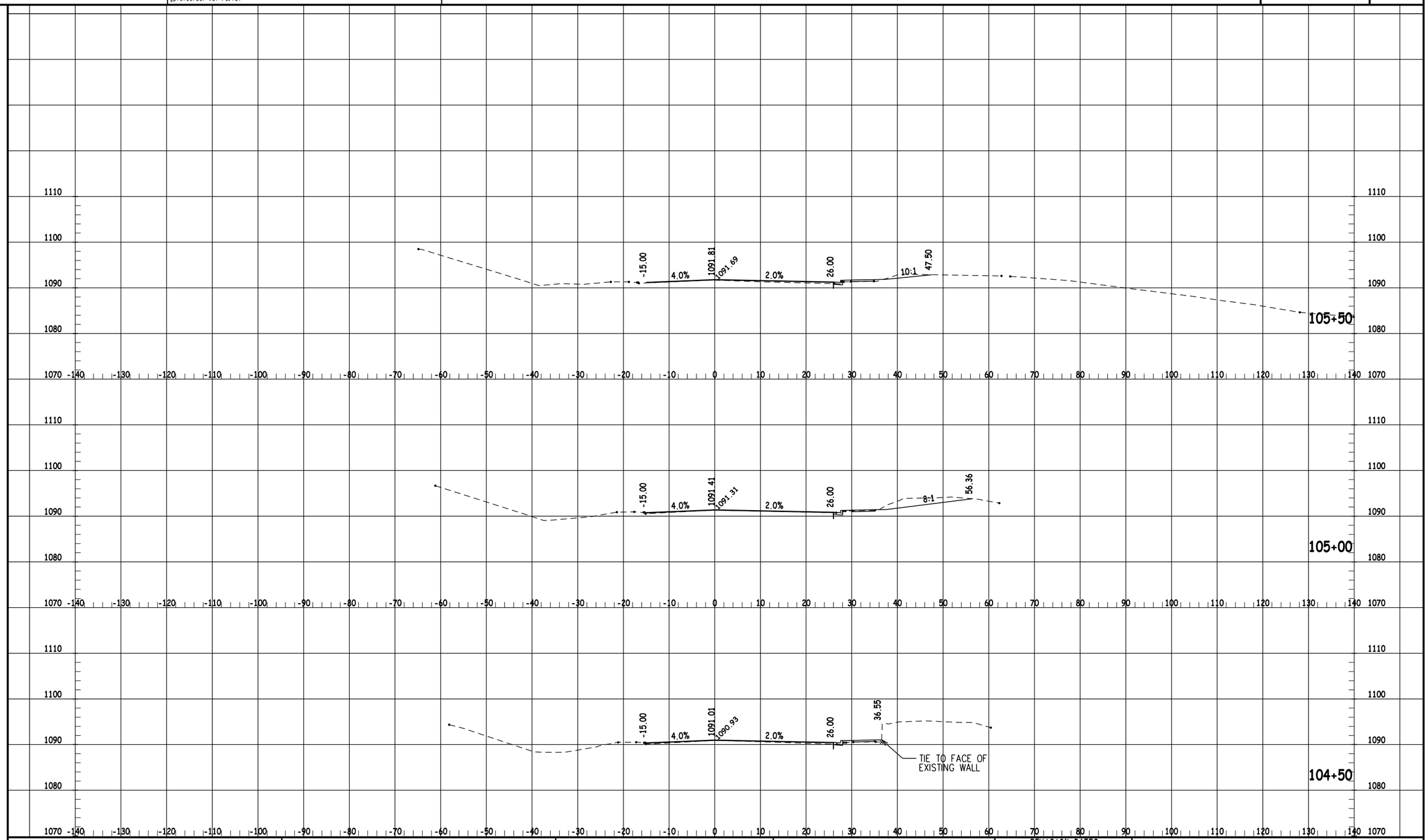
AECOM

SCALE IN FEET
0 10 20 40

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		23-0006
VERIFIED:		DATE:		

11/8/2018 SUXSEW



AECOM

SCALE IN FEET
0 10 20 40

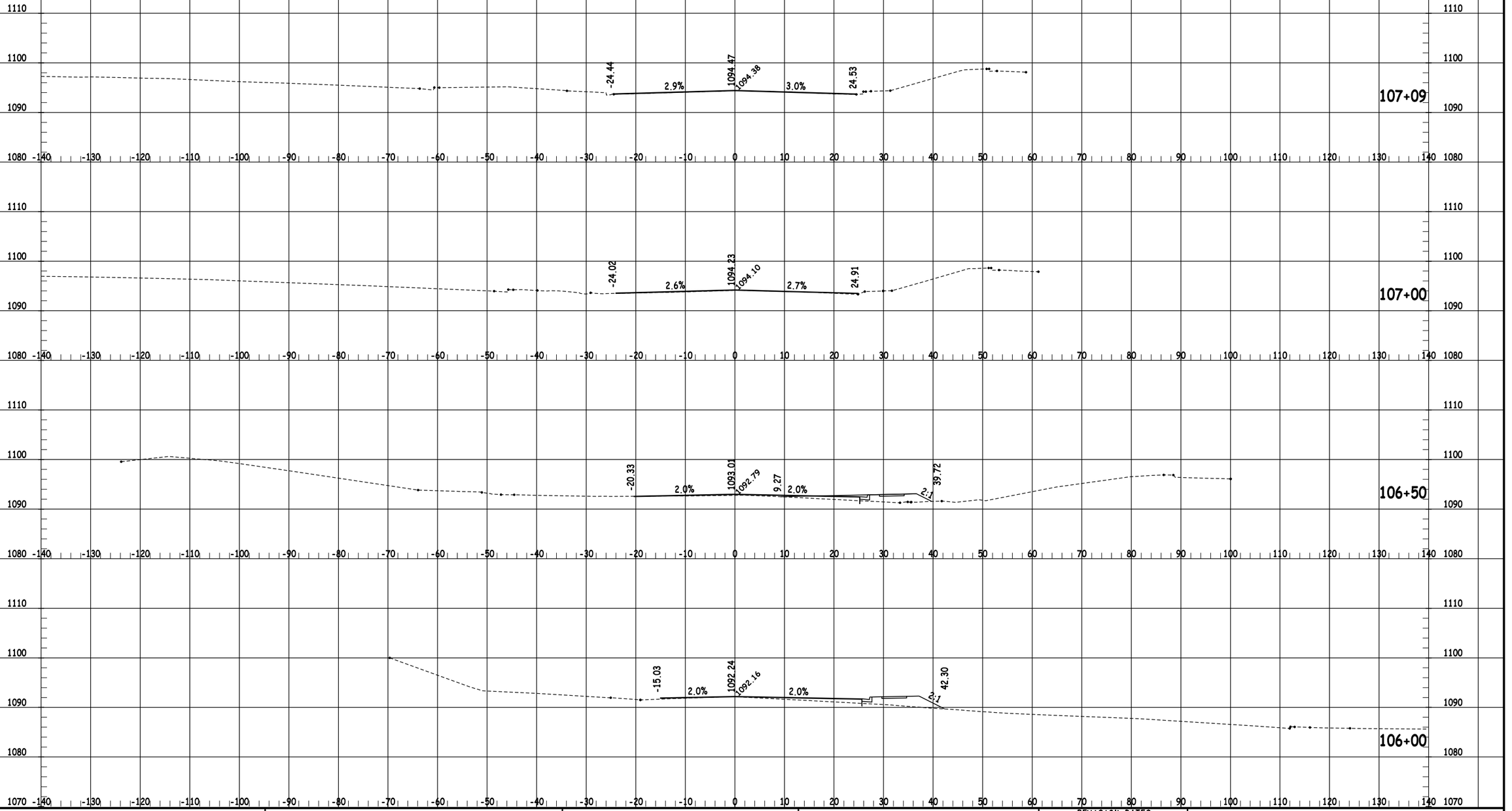
REVISION DATES

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

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

11/8/2018 SUXSEW

END CONSTRUCTION
STA 107+10.00



REVISION DATES

AECOM

SCALE IN FEET
0 10 20 40

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

11/8/2018 SUXSEW

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Jonathan.lafleche

GPLOT-V8
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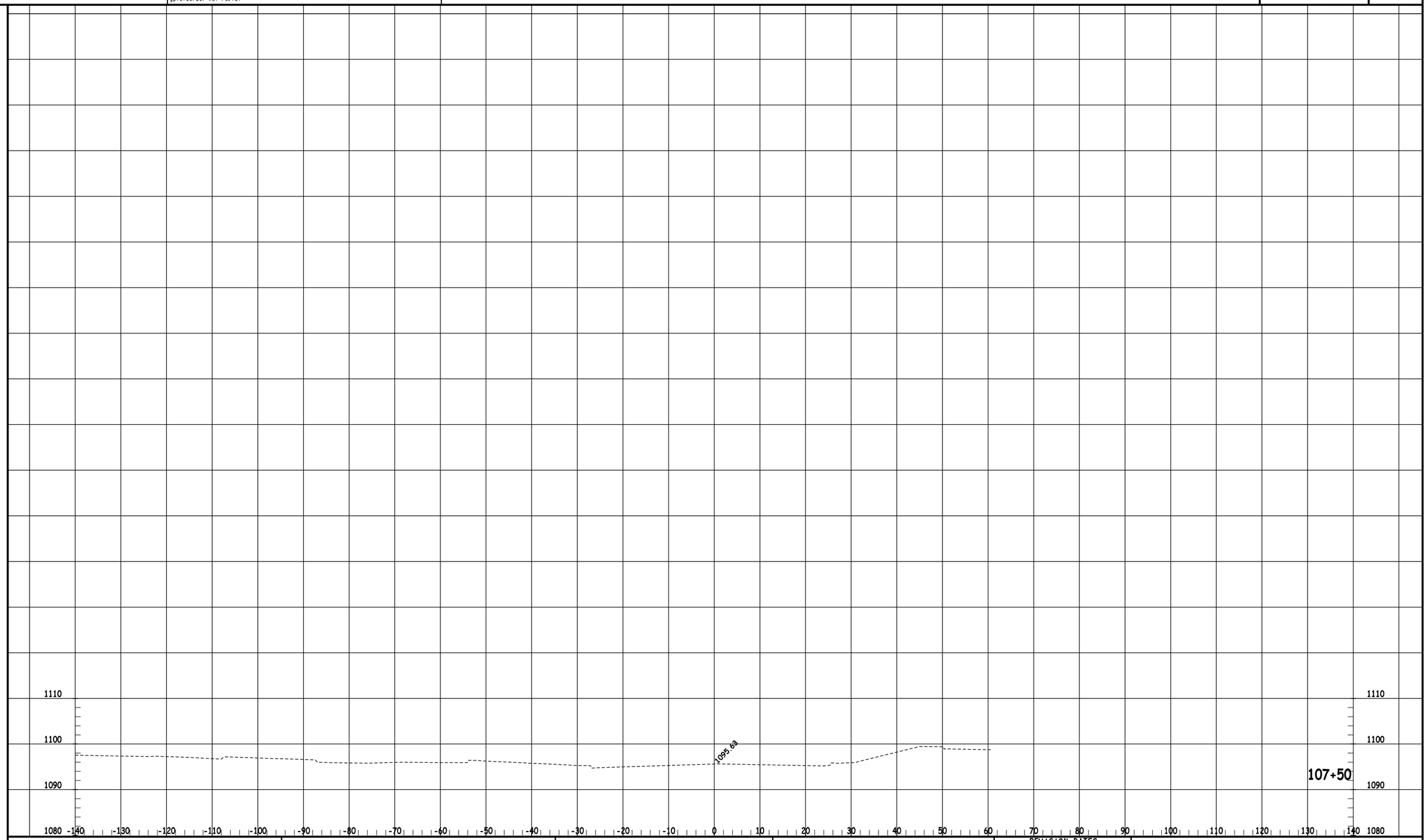
606153 69_23.dgn

GDOT

P.I. No.



AECOM

SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTIONS
CHAMBLEE DUNWOODY RD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	23-0009
CORRECTED:		DATE:	
VERIFIED:		DATE:	

11/8/2018 SUXSEW

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GPLOT-V8
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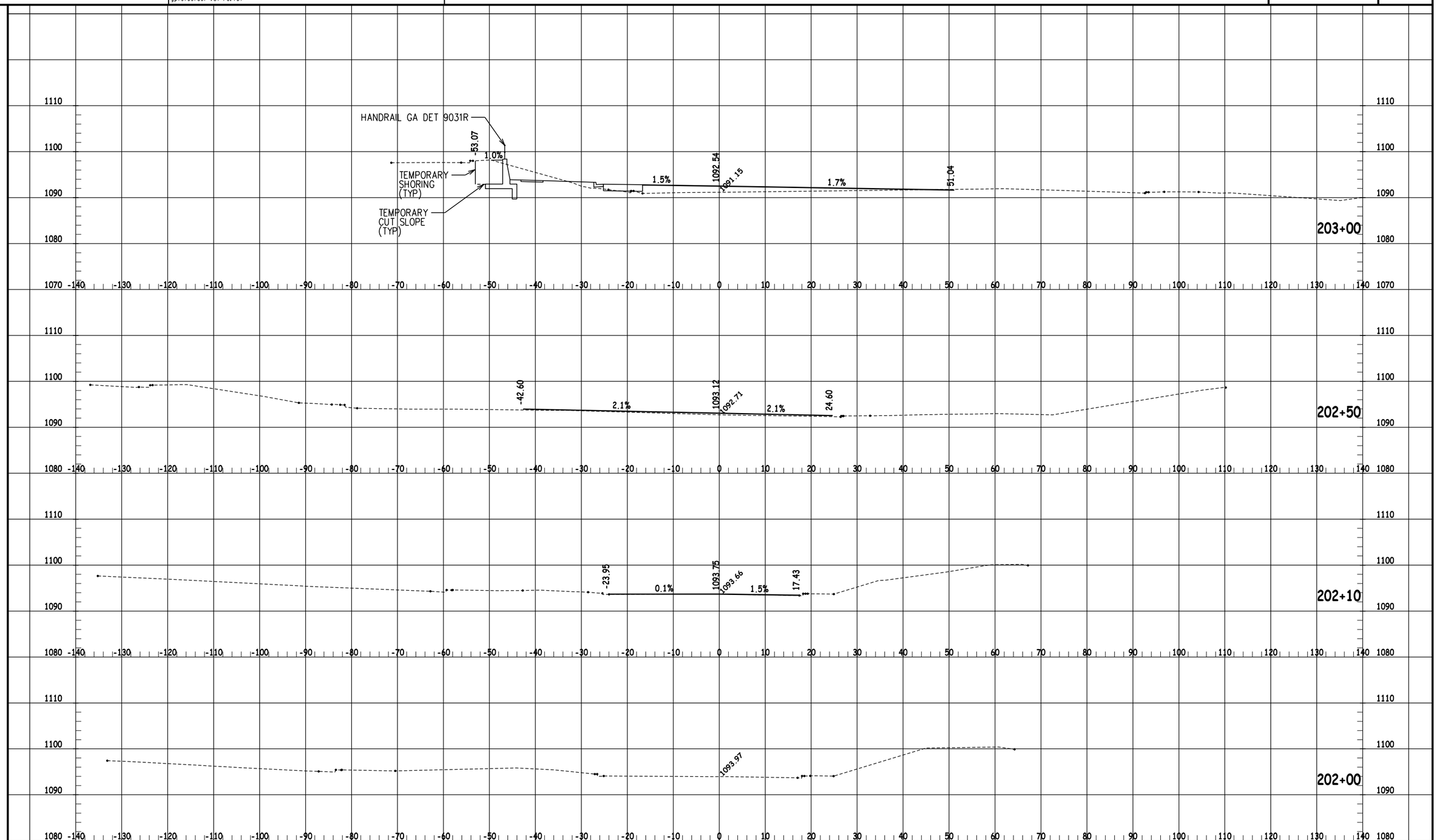
606I5369_23.dgn

GDOT

P.I. No.



11/8/2018 SUXSEW

AECOM

SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTIONS
WOMACK ROAD

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

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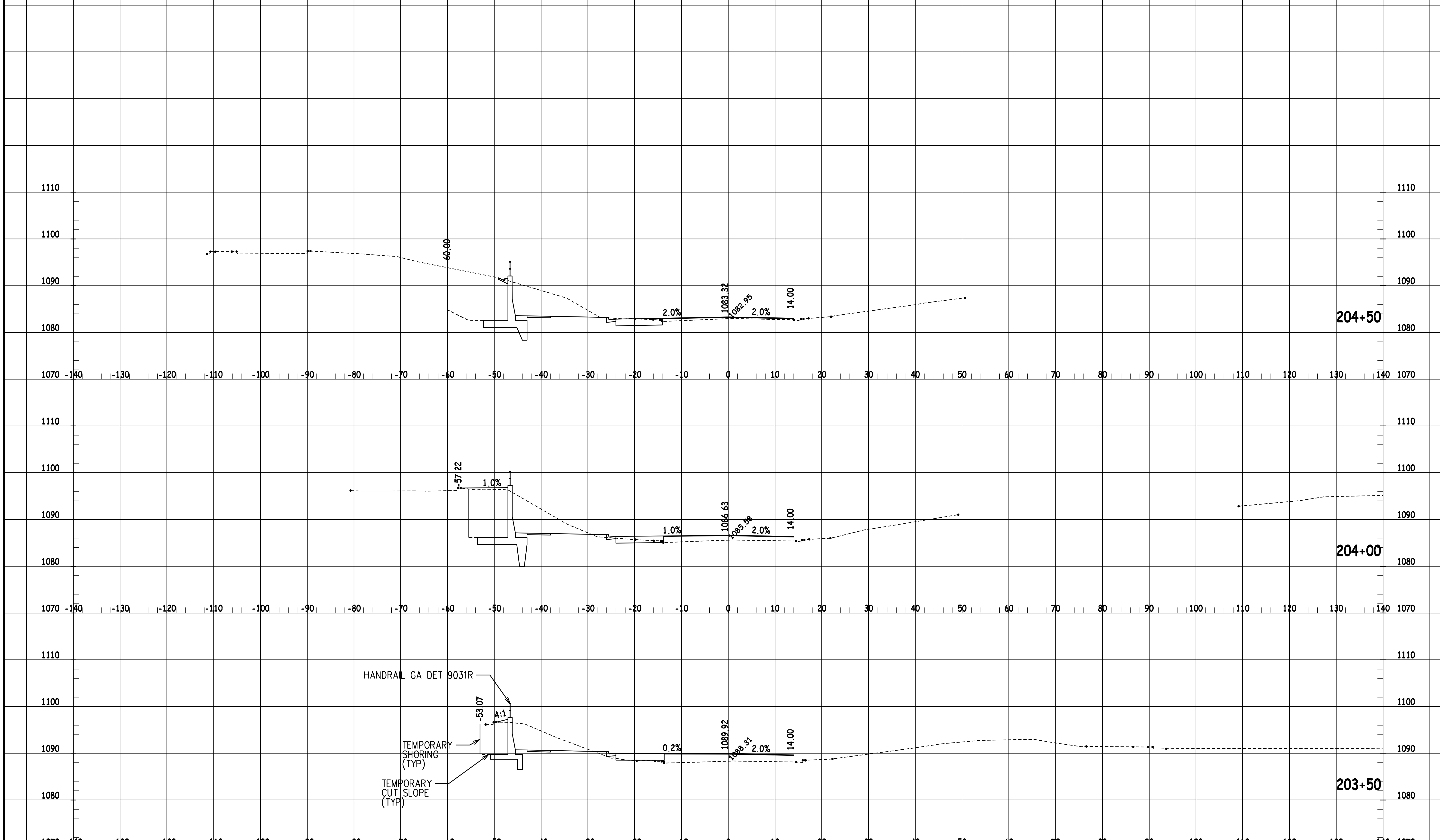


AECOM

SCALE IN FEET
0 10 20 40

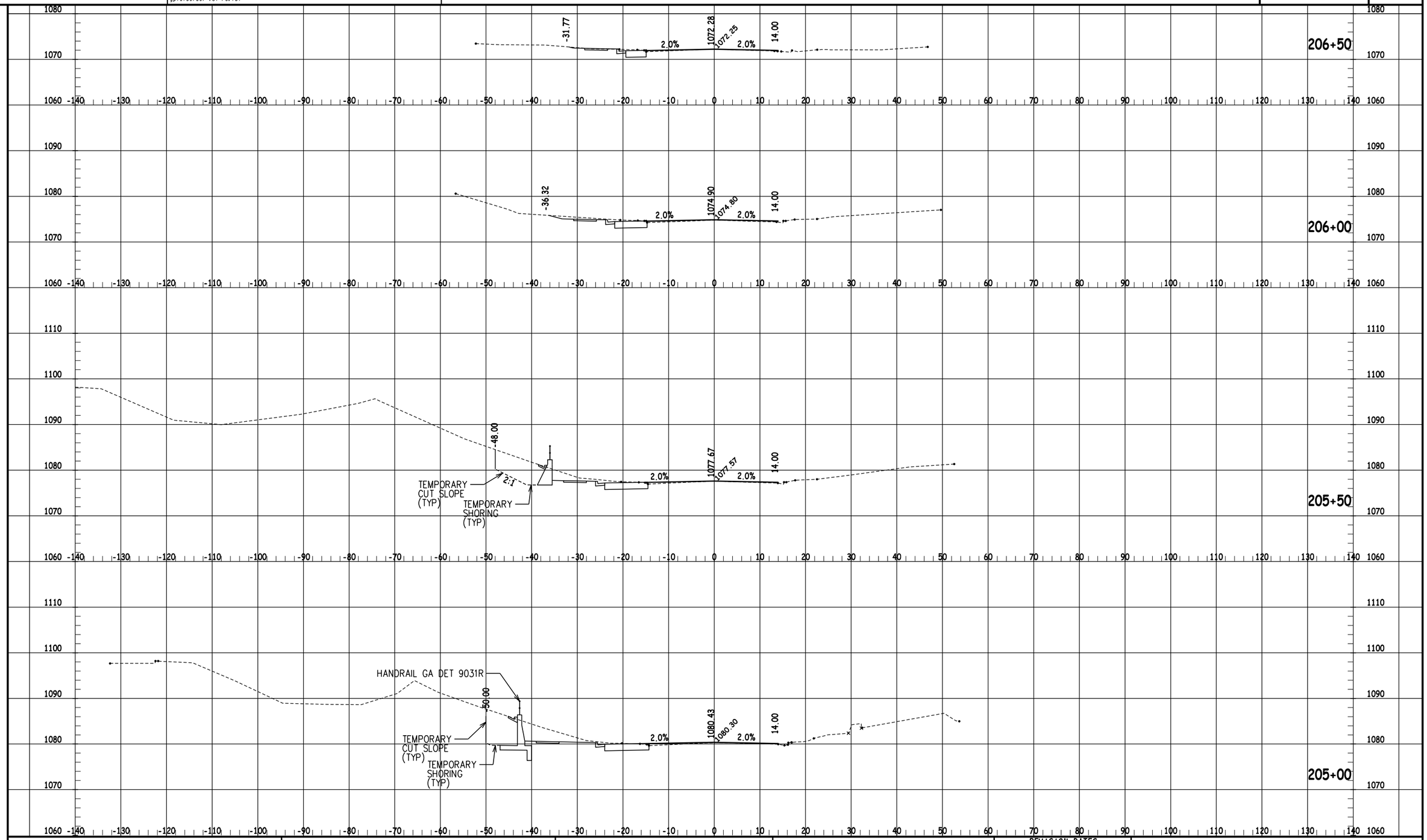
REVISION DATES

CROSS SECTIONS
WOMACK ROAD

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

DRAWING No.
23-0011

11/8/2018 SUXSEW



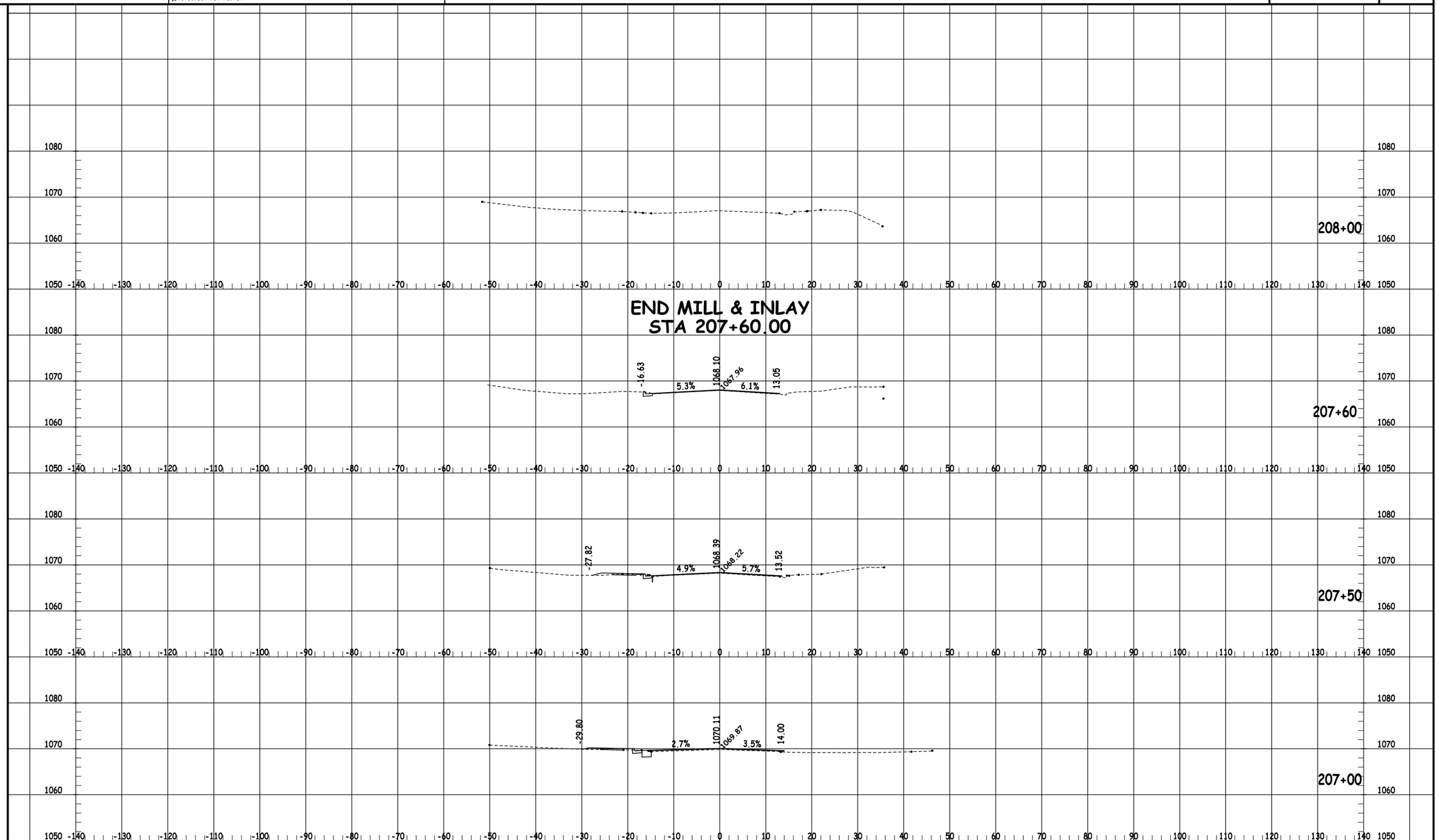
REVISION DATES

CROSS SECTIONS
WOMACK ROAD

AECOM

SCALE IN FEET
0 10 20 40

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0012
CORRECTED:		DATE:		
VERIFIED:		DATE:		



AECOM

SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTIONS
WOMACK ROAD

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

DRAWING No.
23-0013

11/8/2018 SUXSEW

GREAT SOUTH FIVE LLC

EXIST.R/W

JOSEPH T. & JENNIFER P. TREANOR

EXIST.R/W

1
TARTOS HOMES LLC
SEE SHEET 7

2
SEAN HOLMES
SEE SHEET 7

ALEXANDER
M. SLADKY

INSTALL SILT FENCE TO FIELD LOCATE EASEMENT AND EXISTING RIGHT OF WAY. CONTRACTOR TO NOT ENTER ONTO PRIVATE PROPERTY.

90+75
91+00
92+00
93+00
94+00
95+00

POB 90+75.00

EXIST.R/W

EXIST.R/W

C1.0

C2.0

18"

N 39°21'27" W

CHAMBLEE DUNWOODY RD

CURVE DETOUR

BEGIN CONSTRUCTION
BEGIN CURB
& GUTTER
STA 91+40.08

91+91.93

93+82.12

CUT & CAP
TIE-INTO 2" STEEL GAS MAIN
WT: UNK./GRADE: UNK.
NOP: 60 PSIG
INSTALLED: 1957
INSTALL TEST STATION

PROPOSED:
385' X 2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER

ABANDON:
2" STEEL GAS MAIN
INSTALLED: 1957

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75
N 1433260.4768
E 2247448.3754

MATCH LINE STA. 95+00 DRAWING No. 24-0002

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

UTILITY RELOCATION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

MATCH LINE STA. 95+00 DRAWING No. 24-0001

MATCH LINE STA. 100+00 DRAWING No. 24-0003

ALEXANDER M. SLADKY

RAMI RAO

3 SUSAN & JILL ANN IRWIN SEE SHEET 7

4 JOHN LOUGHREY KANE SEE SHEET 7

ANDREW K. MAICHLE

VALERIE L STEWART

EXIST. R/W

EXIST. R/W

95+00

96+00

97+00

98+00

99+00

100+00

REPLACE DRIVEWAY TO SECOND JOINT. MATCH EXISTING DRIVEWAY FINISH AND JOINT PATTERN.

CONTRACTOR TO WORK WITH RESIDENT TO REMOVE EXISTING SHRUBS

DO NOT DISTURB EXISTING FENCE

CONTRACTOR TO COORDINATE REMOVAL OF 3 CREPE MYRTLE WITH RESIDENT.

DO NOT DISTURB EXISTING FENCE

PROPOSED:
15' X 2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER

ABANDON:
2" STEEL GAS MAIN
INSTALLED: 1957

CHAMBLEE DUNWOODY RD

CURVE DE101

N 35°32'08" W

C2.0

C3.0

18"

EXIST. BZN

AT&T DUCT

AT&T DUCT

2" STL

8" DI

12" DI

TH1

GAS SVC (ACTUAL)

GAS SVC (811)

DW3 +25

DW2 +22

P.T. 95+88.17

P.I. 98+41.99

CUT & CAP
TIE-INTO 2" STEEL GAS MAIN
WT: UNK./GRADE: UNK.
NOP: 60 PSIG
INSTALLED: 1957
INSTALL TEST STATION

PROPOSED:
410' X 2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER

ABANDON:
2" STEEL GAS MAIN
INSTALLED: 1957

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta. 93+82.12
N. 1433497.95
E. 2247253.61
DELTA. 03°49'19.1" (RT)
D. 00°57'17.75"
T. 200.19
L. 400.23
R. 6000.00
E. 3.34
e . ME

TEST-HOLE DATA SHEET

TH #	UTILITY	DEPTH	NORTHING	EASTING	ELEVATION
1	2" GAS	3.86	1433903.75	2246942.32	1067.09
1A	1.75"GAS	1.58	1433903.36	2246944.56	1066.92
2	1.1' x 0.8' DUCT BANK	4.39	1433997.71	2246873.18	1070.49
3	8" WATER	3.45	1434002.08	2246881.65	1070.33
4	12" WATER	3.11	1434239.41	2246757.48	1084.83
5A	4" PVC CONDUIT	3.85	1434451.58	2246666.77	1093.51
5B	4" PVC CONDUIT	3.91	1434451.70	2246667.00	1093.61

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

UTILITY RELOCATION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

PROPOSED:
2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER

PROPOSED:
15' X 2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER
CUT & CAP
TIE-INTO 2" STEEL GAS MAIN
WT: UNK./GRADE: UNK.
NOP: 60 PSIG
INSTALLED:1958
INSTALL TEST STATION

ABANDON:
2" STEEL GAS MAIN
INSTALLED: 1958

CUT & CAP
TIE-INTO 2" STEEL GAS MAIN
WT: UNK./GRADE: UNK.
NOP: 60 PSIG
INSTALLED:1957
INSTALL TEST STATION

PROPOSED:
105' X 2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER

TOP SSMH=1071.94
BTM=1063.5 (GIS)

TOP SSMH=1080.41
IE IN=1072.5 (GIS)
IE OUT=1068.2 (GIS)

TOP SSMH=1088.38
BTM=1080.6 (GIS)

WILLIAM CARR
BEATRICE TETA SZCZERBACKI
JOHN SAENZ
LAUREN WISE
NEAL BAROT
ANGELA BERNA
ANDREW K. MAICHLE
VALERIE L STEWART
KARTHIK THAMMAIAH
ANA S. GROSSO
ANN MCCORMICK SWEETING
AMERICAN TELEPHONE & TELEGRAPH
SEE SHEETS 5, 6, 7

8" RCP (GIS)
DIR APPX (GIS)
AT&T DUCT (APPX)
900 PAIR
DEKALB COUNTY 16"DIP
DEKALB COUNTY 6"DIP
DUNWOODY 12STR FOC
AT&T DUCT
EXIST. R/W
CURVE DE102
CHAMBLEE DUNWOODA RD
N 34°53'08" W
N 28°48'14" W

BEGIN MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 100+20.00

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE102
PI Sta: 102+30.78
N: 1434191.21
E: 2246763.88
DELTA: 06°04'54.4" (RT)
D: 02°42'09.47"
T: 112.62
L: 225.03
R: 2120.00
E: 2.99
e: WE

MATCH LINE STA. 100+00 DRAWING No. 24-0002
MATCH LINE STA. 105+50 DRAWING No. 24-0004
MATCH LINE DRAWING No. 24-0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES		

UTILITY RELOCATION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 GPLN

CUT & CAP
TIE-INTO 2" STEEL GAS MAIN
WT: UNK./GRADE: UNK.
NOP: 60 PSIG
INSTALLED: 1957
INSTALL TEST STATION

ABANDON:
2" STEEL GAS MAIN
INSTALLED: 1957

PROPOSED:
50' X 2" STEEL GAS MAIN
WT: .154/GRADE: X52
NOP: 60 PSIG
CP: VERMACK RD RECTIFIER

CUT & CAP
TIE-INTO 2" STEEL GAS MAIN
WT: UNK./GRADE: UNK.
NOP: 60 PSIG
INSTALLED: 1957
INSTALL TEST STATION

END PROJECT
CHAMBLEE DUNWOODY RD
STA 107+30
N 1434626.706
E 2246509.609

END MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAVT
WIDTH AND CROSS SLOPE
STA 107+10.00

CITY OF DUNWOODY
SEE SHEETS 6, 8

DIR APPX (GIS)
8" UNK/TYPE (GIS)
PLUG AND ABANDON EXISTING 2" PE
CHAMBLEE DUNWOODY RD
STA 106+46.89
WOMACK RD
STA 202+67.05
N 1434555.975
E 2246563.213

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE103
PI Sta: 107+04.17
N: 1434606.21
E: 2246535.69
DELTA: 07°17'49.2" (LT)
D: 05°06'56.50"
T: 71.42
L: 142.64
R: 1120.00
E: 2.27
e: ME

CURVE DATA
WOMACK RD

CURVE DE201
PI Sta: 201+68.79
N: 1434556.78
E: 2246460.16
DELTA: 30°23'36.2" (RT)
D: 15°16'43.95"
T: 101.86
L: 198.92
R: 375.00
E: 13.59
e: ME

LIMIT OF CONSTRUCTION
BEGIN MILL & INLAY
WOMACK RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 202+10.00

SS DEKALB COUNTY 8"DIP
TOP SSMH=1092.62
INACCESSABLE
DEKALB COUNTY 6"DIP
DEKALB COUNTY 8"DIP
ZAYO UNK SIZE
AT&T DUCT
DUNWOODY 72STR FOC
AT&T DUCT
ZAYO UNK SIZE
LEVEL 3 DUCT
UNK COPPER - TO LOOP
AT&T 216STR FOC
AT&T 120STR FOC
LEVEL 3 DUCT
LEVEL 3 UNK S/T
LEVEL 3 DUCT
ZAYO UNK SIZE
LEVEL 3 DUCT
AT&T DUCT
REDD R/W
EXIST. R/W

MATCH LINE STA. 105+50 DRAWING No. 24-0003

MATCH LINE STA. 204+00 DRAWING No. 24-0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

UTILITY RELOCATION PLANS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		24-0004
VERIFIED:		DATE:		

10/23/2015 GPLN

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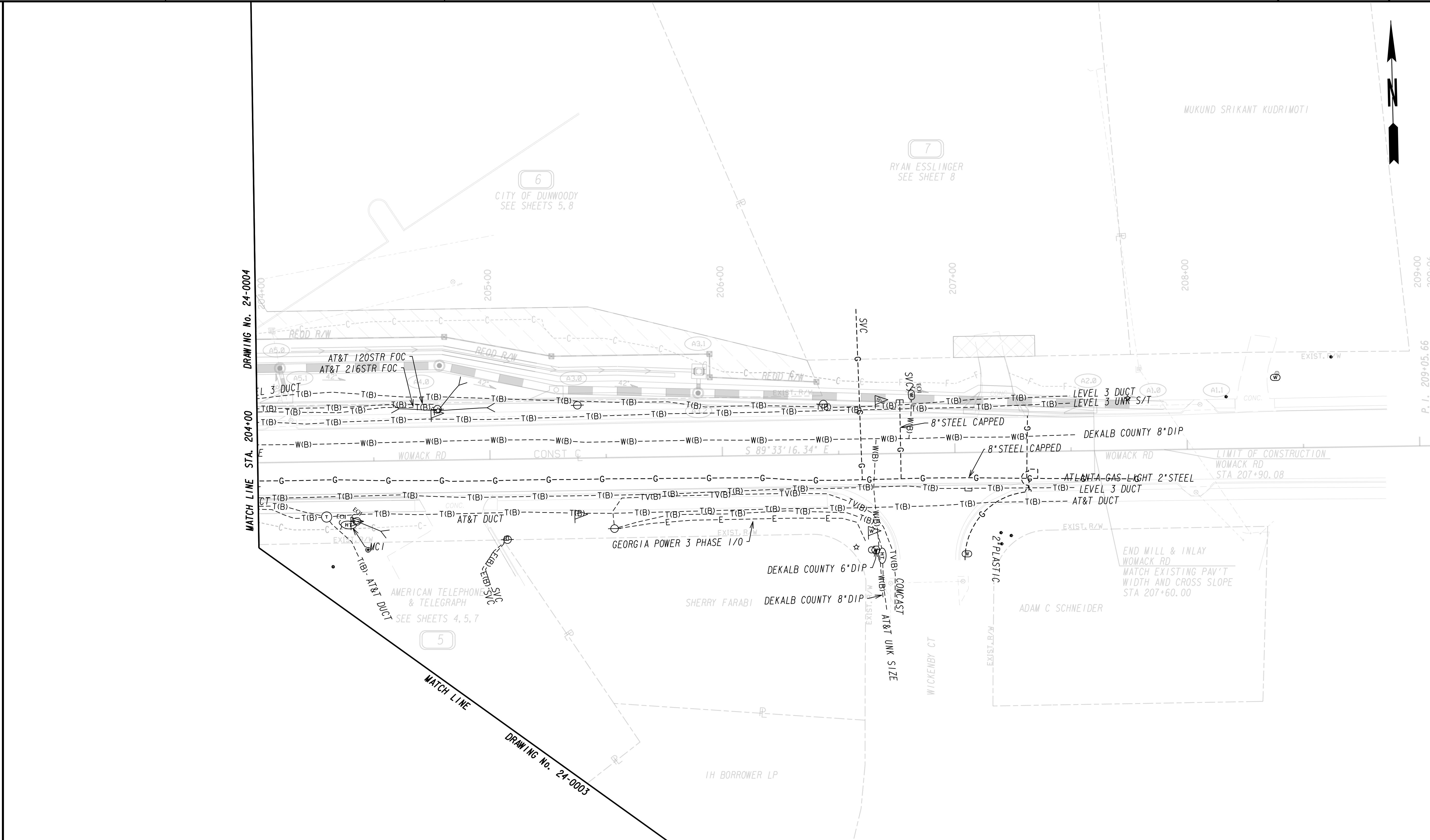


PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR	
& MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

UTILITY RELOCATION PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No.
24-0005

10/23/2015 GPLN

GREAT SOUTH FIVE LLC

JOSEPH T. & JENNIFER P. TREANOR

1
TARTOS HOMES LLC
SEE SHEET 7

2
SEAN HOLMES
SEE SHEET 7

ALEXANDER
M. SLADKY

EXIST. R/W

INSTALL SILT FENCE TO FIELD LOCATE EASEMENT AND EXISTING RIGHT OF WAY. CONTRACTOR TO NOT ENTER ONTO PRIVATE PROPERTY.

90+75 91+00 92+00 93+00 94+00 95+00

C1.0 C2.0

N 39°21'27" W

CHAMBLEE DUNWOODY RD

CURVE DE101

DW5 +19

DW4 +35

BEGIN CONSTRUCTION
BEGIN CURB
& GUTTER
STA 91+40.08

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75
N 1433260.4768
E 2247448.3754

MATCH LINE STA. 95+00 DRAWING No. 26-0002

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e = ME

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

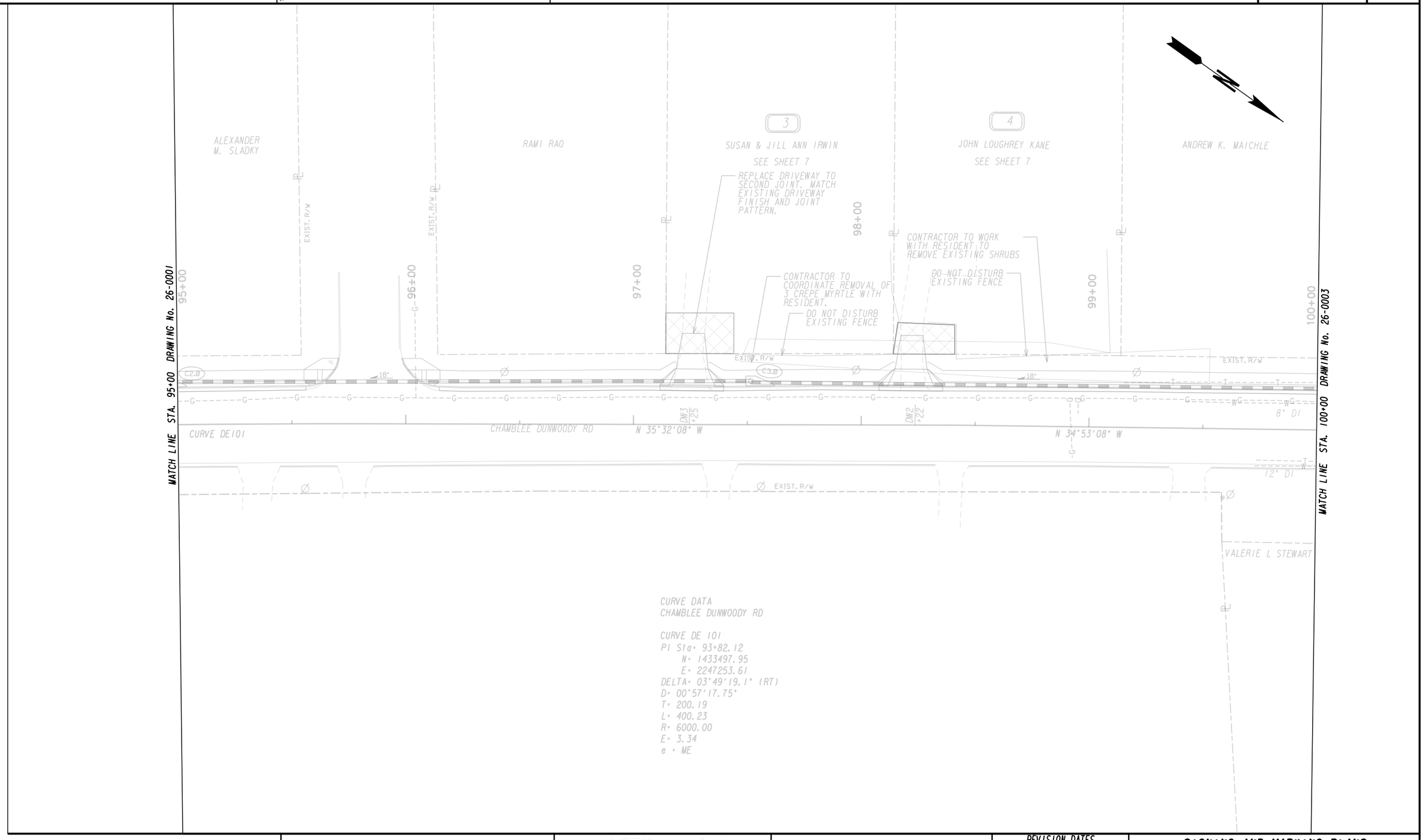
REVISION DATES

SIGNING AND MARKING PLANS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		26-0001
VERIFIED:		DATE:		

10/23/205 GPLN



CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

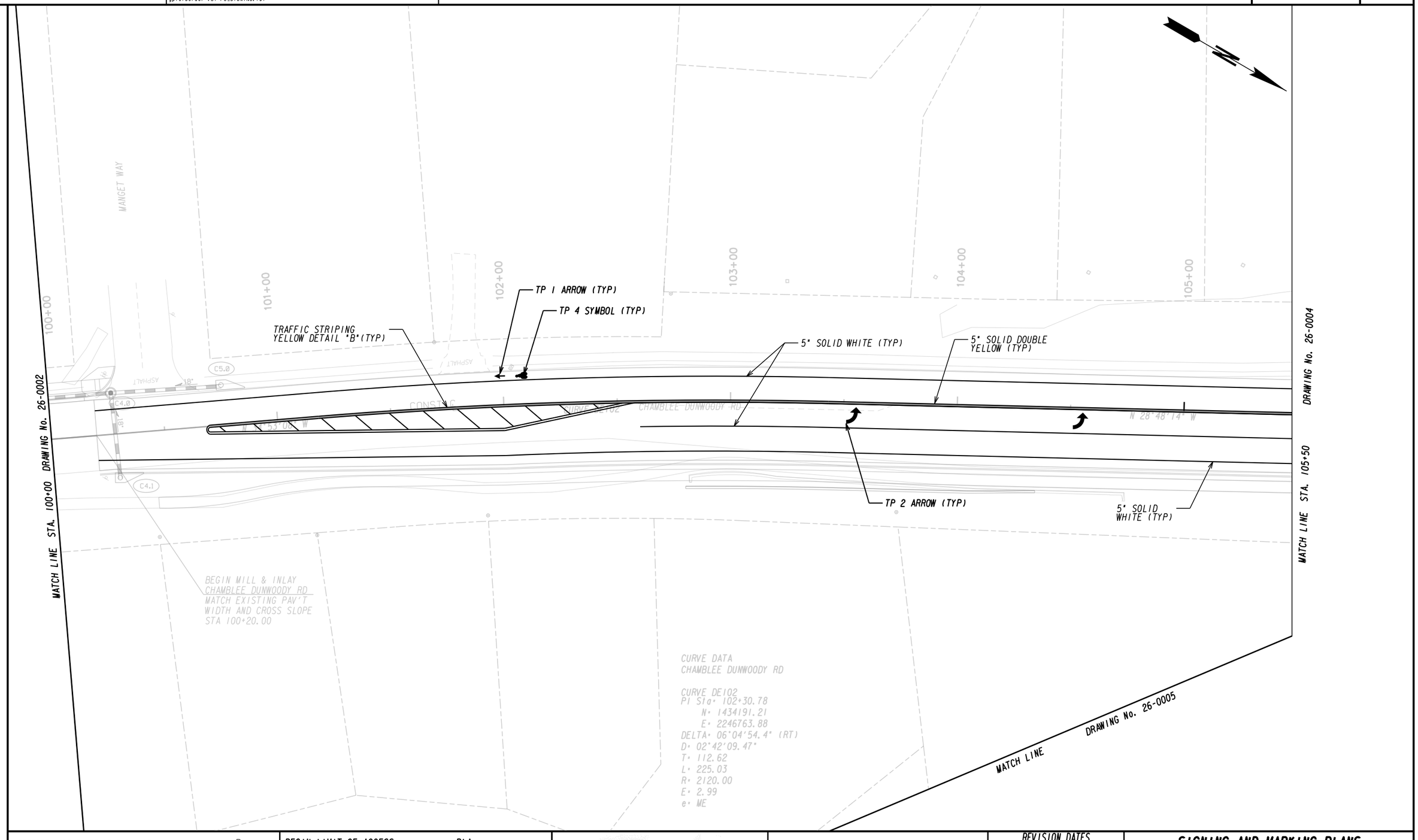
REVISION DATES

SIGNING AND MARKING PLANS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 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

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

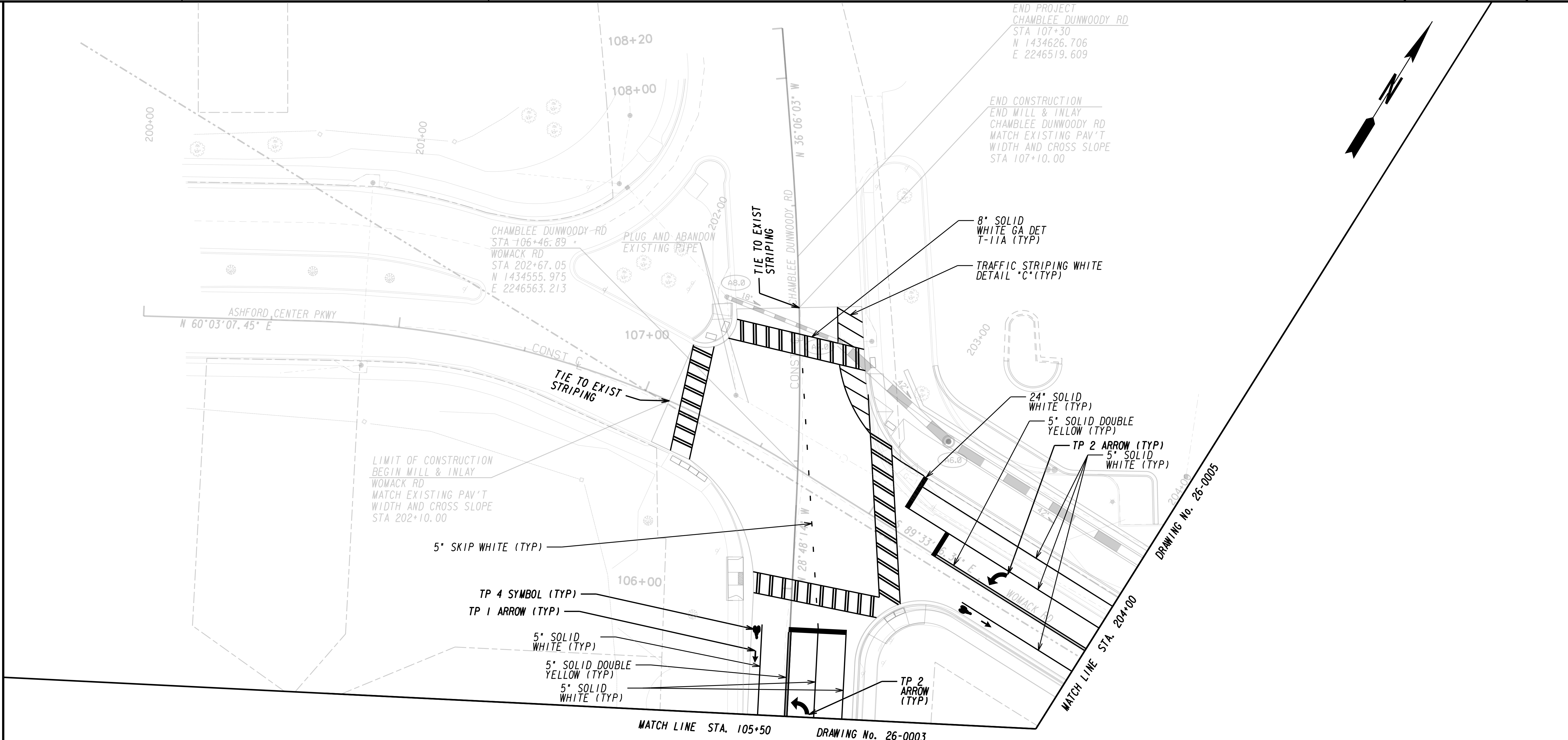
REVISION DATES

SIGNING AND MARKING PLANS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
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BEGIN LIMIT OF ACCESS............BLA	
END LIMIT OF ACCESS..............ELA	
REQ'D LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

City of Dunwoody Georgia

AECOM

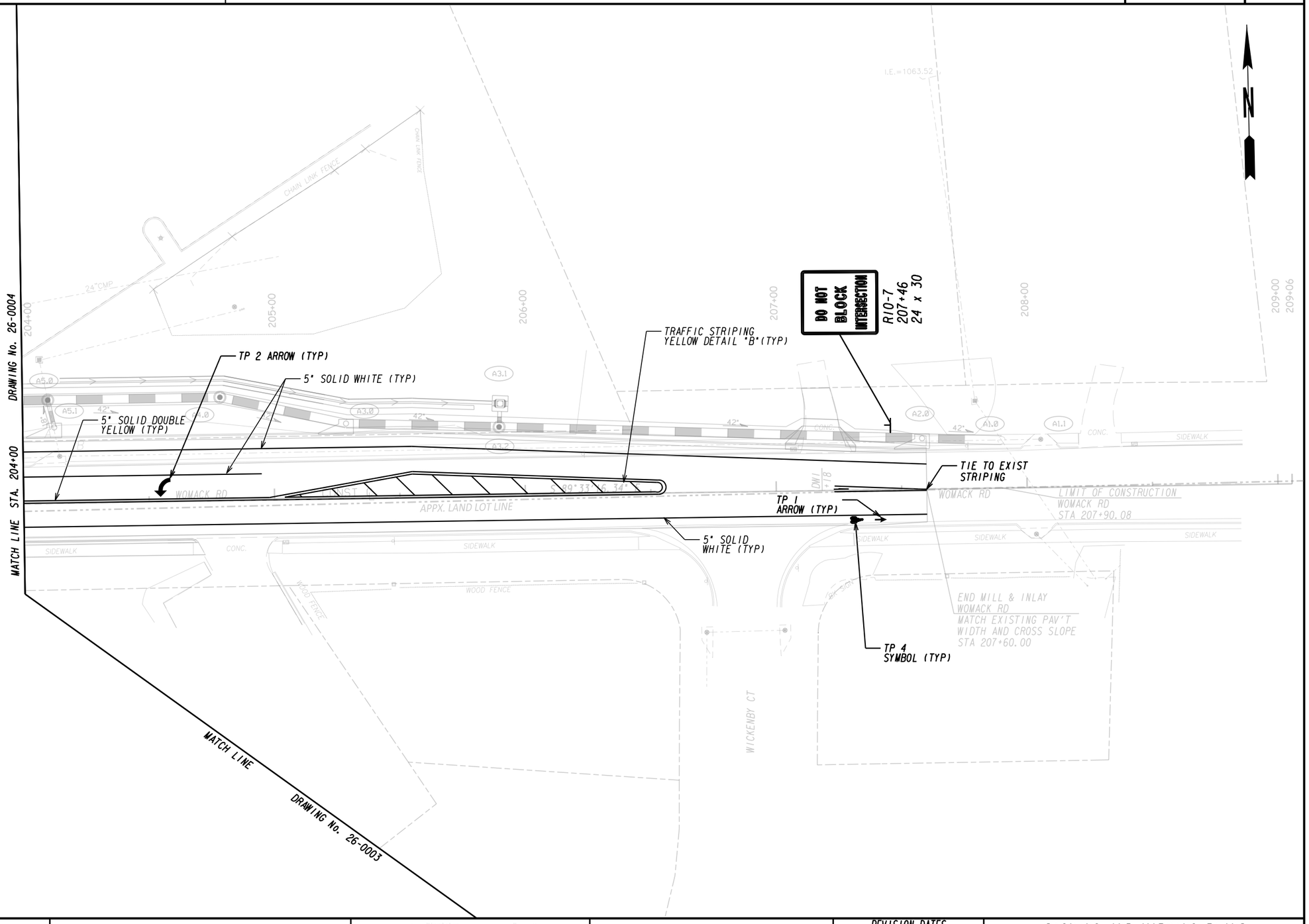
SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
REQ'D LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 GPLN

EXISTING UTILITIES

- EXISTING GUY WIRE
- EX.OH ELECTRIC
- EX POWER POLE
- EX TRANSFORMER
- EX.UG ELECTRIC
- EX GAS LINE
- EX GAS METER
- EX GAS VALVE
- EX WATER LINE
- EX FIRE HYDRANT
- EX WATER METER
- EX WATER VALVE
- EX SANITARY SEWER
- EX SS MANHOLE
- EX TELEPHONE MH
- EX OH TELEPHONE
- EX TELEPHONE POLE
- EX UG TELEPHONE
- EX OH CABLE TV
- EX UG CABLE TV

EXISTING SIGNAL

- CONTROLLER CABINET
- STRAIN POLE
- TIMBER POLE
- DOWN GUY
- MAST ARM
- STREET LIGHT
- 3 SECTION HEAD
- 5 SECTION HEAD
- OVERHEAD SIGN
- PEDESTAL POLE
- PED SIGNAL HEAD
- CURB CUT RAMP
- PULLBOX
- 6x6 PULSE LOOP
- 6x18 CALL LOOP
- 6x40 PRESENCE LOOP (DIPOLE)
- 6x40 PRESENCE LOOP (QUADRUPOLE)
- CONDUIT
- RAILROAD CONTROLLER
- SIGN POST

PROPOSED SIGNAL

- CONTROLLER CABINET
- STRAIN POLE
- TIMBER POLE
- DOWN GUY
- MAST ARM
- STREET LIGHT
- 3 SECTION HEAD
- 3 SECTION HEAD W/ BACKPLATE
- 4 SECTION HEAD W/ BACKPLATE
- 5 SECTION HEAD
- 5 SECTION HEAD W/ BACKPLATE
- OVERHEAD SIGN
- PEDESTAL POLE
- PED SIGNAL HEAD
- CURB CUT RAMP - (See ADA Detail)
- PULLBOX, TYPE 2
- PULLBOX, TYPE 3
- PULLBOX, TYPE 4
- PULLBOX, TYPE 7
- 6x6 PULSE LOOP
- 6x6 VIDEO DETECTION ZONE
- 6x40 VIDEO DETECTION ZONE
- 6x40 PRESENCE LOOP (QUADRUPOLE)
- CONDUIT, BORED
- WIRELESS MAGNETOMETER
- SIGN POST
- IVDS CAMERA
- RIGHT OF WAY MARKER
- CCTV CAMERA
- WIRELESS DIRECTIONAL ANTENNA

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D R/W & LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	ORANGE BARRIER FENCE
EASEMENT FOR CONSTR OF DRIVES	ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- EXISTING SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

City of Dunwoody Georgia

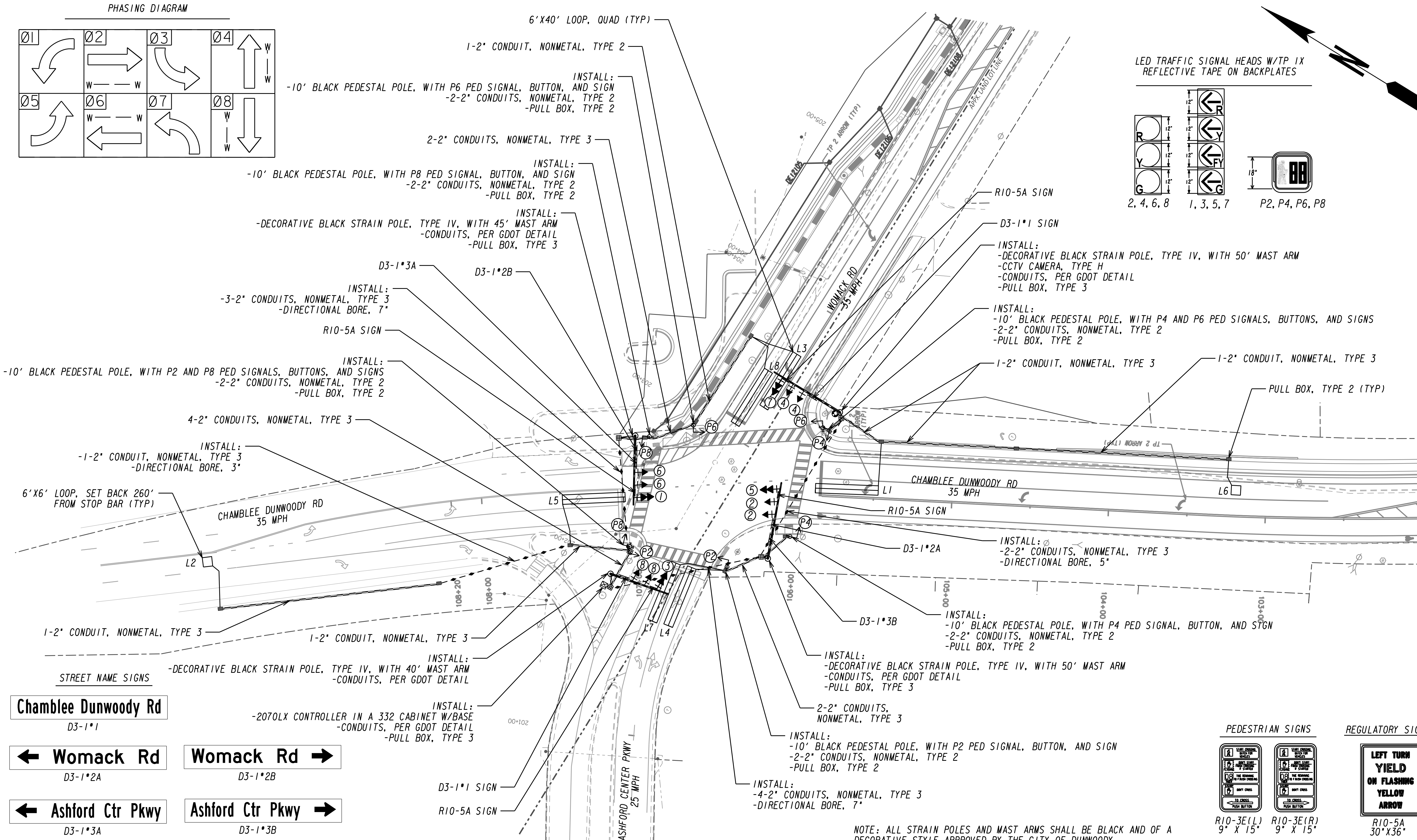
AECOM

REVISION DATES

SIGNAL PLANS LEGEND CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		27-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN



NOTE: ALL STRAIN POLES AND MAST ARMS SHALL BE BLACK AND OF A DECORATIVE STYLE APPROVED BY THE CITY OF DUNWOODY.

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- EXISTING SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- ▨ PROPOSED VIRTUAL DETECTION ZONE
- ▭ PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- ⊙ PROPOSED MAGNETOMETER
- PROPOSED RADAR

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 30 60 120

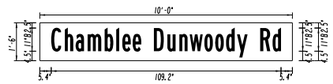
REVISION DATES		

SIGNAL PLANS
INSTALLATION PLAN
CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

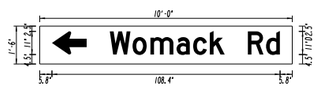
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		27-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

332 DEFAULT INPUT FILES ASSIGNMENT

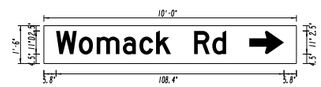
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
UPPER INPUT FILE (I)	SLOT															
	TYPE		2-CHAN	2-CHAN			2-CHAN	2-CHAN						DC	DC	DC
	CHANNEL 1	CI PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
		FUNCTION	L1	L2			L3	L4					INT ADV	PH 2 PED	PH 6 PED	FLASH
		FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-8 4,6	TB-8 7,9	NC
	CHANNEL 2	CI PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
		FUNCTION											NCE	PH 4 PED	PH 8 PED	STOP TIME
		FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-8 4,6	TB-8 7,9	NC
LOWER INPUT FILE (J)	SLOT		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	TYPE		2-CHAN	2-CHAN			2-CHAN	2-CHAN								
	CHANNEL 1	CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
		FUNCTION	L5	L6			L7	L8								
		FIELD TERM	TB-3 1,2	TB-3 5,6	TB-3 9,10	TB-5 1,2	TB-5 5,6	TB-5 9,10	TB-7 1,2	TB-7 5,6	TB-7 9,10			TB-9 4,6	TB-9 7,9	TB-9 10,12
	CHANNEL 2	CI PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
		FUNCTION														
		FIELD TERM	TB-3 3,4	TB-3 7,8	TB-3 11,12	TB-5 3,4	TB-5 7,8	TB-5 11,12	TB-7 3,4	TB-7 7,8	TB-7 11,12			TB-9 4,6	TB-9 7,9	TB-9 11,12



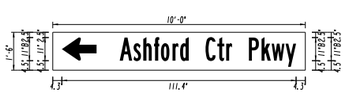
D3-1*1
2 EA



D3-1*2A
1 EA



D3-1*2B
1 EA



D3-1*3A
1 EA

D3-1*3B
1 EA

647-1000 PAY ITEM LIST OF MATERIALS	UNIT	QUANTITY
CONTROLLER CABINET ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070LX	EA	1
D. CABINET ASSEMBLY, MODEL 332	EA	1
E. SWITCH PACK	EA	16
F. DC ISOLATOR	EA	3
G. LOOP DETECTOR, 2 CHANNEL	EA	8
J. 2018 CONFLICT MONITOR, KCLLIP	EA	1
K. AUXILIARY OUTPUT FILE	EA	1
332A PREFABRICATED CONTROLLER CABINET BASE	EA	1
POWER METER AND DISCONNECT UNIT FOR ELECTRICAL SERVICE (INCLUDES 5' PEDESTAL POLE)	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT); 3 PAIR, 18 AWG	REEL	3
SIGNAL CABLE (14 AWG); 7 CONDUCTOR, PER 1000 FT.	REEL	2
LOOP DETECTOR WIRE (14 AWG, STRANDED/1000 FT)	REEL	3
3-SECTION, 12" SIGNAL HEAD, LED - INCANDESCENT LOOK - BLACK HOUSING W/BLACK FRONT, PLASTIC	EA	8
4-SECTION, 12" SIGNAL HEAD, LED - INCANDESCENT LOOK - BLACK HOUSING W/BLACK FRONT, PLASTIC	EA	4
1-SECTION, 18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP 9" HIGH, Numbers & 12" Symbols	EA	8
PEDESTRIAN PUSHBUTTON STATION ADAPTERS (ONLY) 9" x 15", Double Push Button Station Adapter for 4" Dia Pedestrian Pole, Adjustable	EA	2
PEDESTRIAN PUSHBUTTONS STATIONS, w/BUTTONS and SIGNS: 9" x 15", R10-3e, (L)eft or (R)ight, Countdown	EA	8
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, LOUVERED, BLACK W/RETROREFLECTIVE STRIP	EA	8
BACK PLATE FOR ONE-WAY, 4-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, LOUVERED, BLACK W/RETROREFLECTIVE STRIP	EA	4
HARDWARE FOR MAST ARM MOUNTING	EA	12
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY	EA	4
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY	EA	2
PEDESTAL POLE & SQUARE BASE	EA	6
PULL BOX, PB-2	EA	12
PULL BOX, PB-3	EA	5
LOOP SAW CUT (5/16")	LF	975
CONDUIT, 1"	LF	65
CONDUIT, 2"	LF	190
R10-5A, LEFT TURN YIELD ON FLASHING YELLOW ARROW SIGN	EA	4
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP II	SF	90
639-3004	STEEL STRAIN POLE, TP IV, WITH 40' MAST ARM - FLUTED BLACK	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 45' MAST ARM - FLUTED BLACK	EA	1
639-3004	STEEL STRAIN POLE, TP IV, WITH 50' MAST ARM - FLUTED BLACK	EA	2
647-1000	TRAFFIC SIGNAL INSTALLATION #1	LUMP	LUMP
682-6233	CONDUIT, NONMETAL, TYPE 3, 2 IN	LF	1565
682-8500	ELECTRICAL SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
682-9950	DIRECTIONAL BORE, 3 IN	LF	87
682-9950	DIRECTIONAL BORE, 5 IN	LF	100
682-9950	DIRECTIONAL BORE, 7 IN	LF	170
687-1000	TRAFFIC SIGNAL TIMING	LUMP	LUMP
936-1003	CCTV SYSTEM, TYPE H	EA	1
936-8000	CCTV TESTING	LUMP	LUMP

NOTE: QUANTITIES ARE FOR INFORMATION ONLY. THE CONTRACTOR SHOULD FIELD VERIFY PRIOR TO ORDERING MATERIALS.

SIGNAL LEGEND
- PROPOSED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- EXISTING SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND
- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

City of Dunwoody Georgia

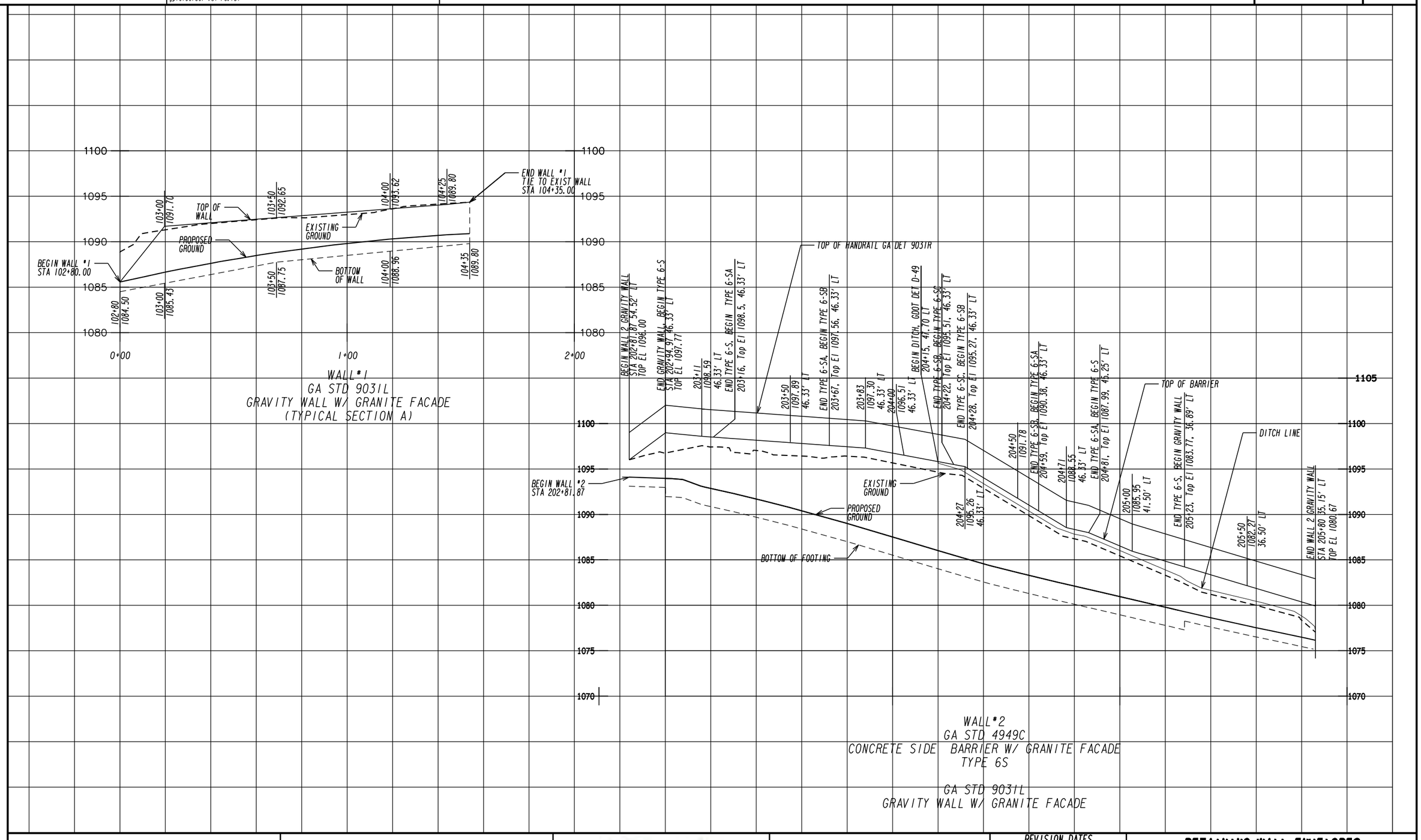
AECOM

REVISION DATES

SIGNAL PLANS INPUTS AND MATERIALS CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		27-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLM



City of Dunwoody Georgia

AECOM

HORIZONTAL SCALE IN FEET
0 20 40 80

VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

RETAINING WALL ENVELOPES

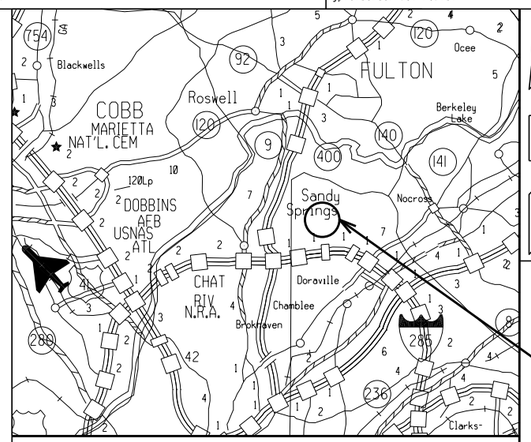
CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

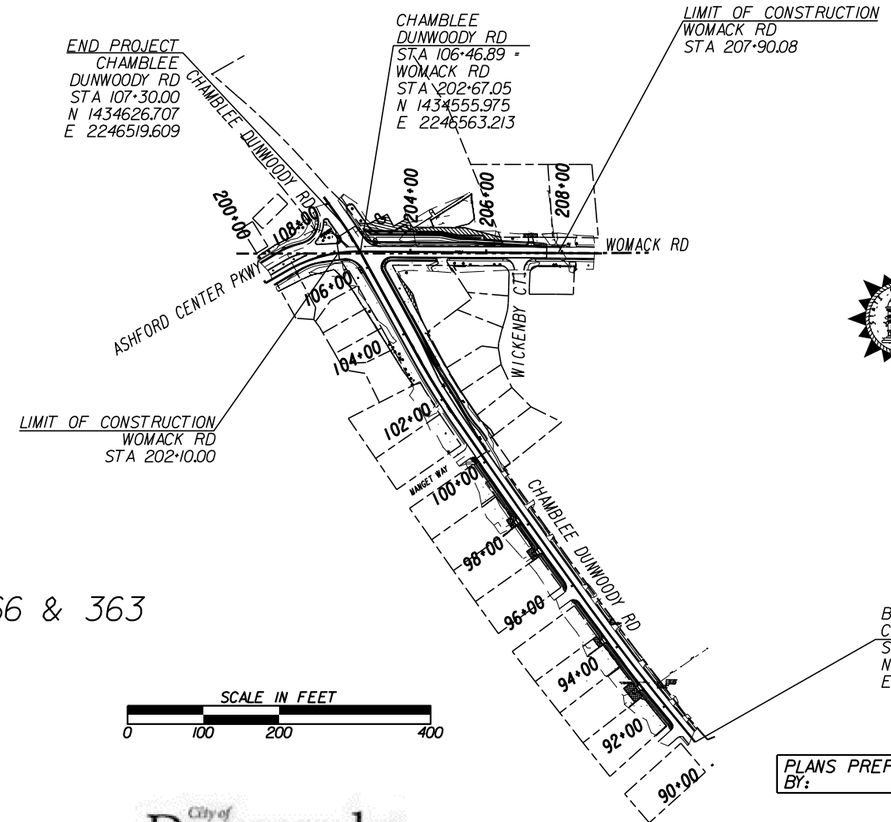
DEPARTMENT OF TRANSPORTATION
CITY OF DUNWOODY

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD INTERSECTION IMPROVEMENTS



LOCATION SKETCH



SCALE IN FEET
0 100 200 400

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with Part IV, of the General NPDES Permit No. GAR100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land disturbing activity was permitted, provides for sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and intermittent streams and other water bodies shown on the USGS topographic map and all other field verified perennial and intermittent streams and other water bodies, or (b) where any such specific identified perennial or intermittent stream and other water body is not proposed to be sampled, I have determined in my professional judgment, utilizing the factors required in the General NPDES Permit No. GAR100002, that the increase in the turbidity of each specific identified sampled receiving water will be representative of the increase in the turbidity of a specific identified un-sampled receiving water."

"I certify under penalty of law that this plan was prepared after a site visit to the location described herein by myself or my authorized agent, under my direct supervision."

GEORGIA
PE = 040983
PROFESSIONAL
ENGINEER
TRAVIS MCCLAM
7-26-2021

7-26-2021
DATE

TRAVIS S McCLAM
LEVEL II CERTIFIED DESIGN PROFESSIONAL
GSWCC# 10000081422
EXPIRES: 08/2023

BEGIN-POINT COORDINATES
Longitude: 84.3287°
Latitude: 33.9400°
MID-POINT COORDINATES
Longitude: 84.3316°
Latitude: 34.9435°
END-POINT COORDINATES
Longitude: 84.3317°
Latitude: 34.9437°

NOTE :
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 DEPARTMENT OF TRANSPORTATION.

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.

GA LAND LOTS 366 & 363

GMD 524

PRIMARY PERMITTEE

CITY OF DUNWOODY
PUBILC WORKS DEPARTMENT
4800 ASHFORD DUNWOODY ROAD
DUNWOODY, GA 30338

24 HOUR CONTACT:

Name

Street Address

City, State Zip

Phone Number

Email Address

Contractor shall complete the information in this box.

City of Dunwoody Georgia

LENGTH OF PROJECT	COUNTY No. 089 DEKALB COUNTY Project No. MILES
NET LENGTH OF ROADWAY	0.3134
NET LENGTH OF BRIDGES	0.0000
NET LENGTH OF PROJECT	0.3134
NET LENGTH OF EXCEPTIONS	0.0000
GROSS LENGTH OF PROJECT	0.3134

PLANS PREPARED BY:	AECOM

PLANS COMPLETED 10-25-2021

REVISIONS

DATE	ENTITY REQUESTING REVISION(S)	DRAWING NUMBER(S)	SIGNATURE	GSWCC LEVEL II CERT.#
- -				
- -				
- -				
- -				
- -				
- -				
- -				

DRAWING No.
50-0001

ESPCP GENERAL NOTES:

The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities.

Erosion and sediment control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.

PLAN ALTERATIONS

The Erosion Sedimentation and Pollution Control Plan (ESPCP) is provided by the City of Dunwoody. If the Contractor elects to alter the stage construction from that shown in the plans, and the Engineer approves the request, it will be the responsibility of the contractor to revise the ESPCP to reflect all changes in staging. This will also include any revisions to erosion and sedimentation control item quantities. Major modification or deletion of specified structural BMP's that are specified in the ESPCP will require a formal revision of the ESPCP and the signature of a GSWCC level II design professional. Additional BMP's may be added as directed by the Engineer. Any changes to the ESPCP with a hydraulic or design component must be certified by the design professional and must be approved by the City of Dunwoody.

SILT FENCE INSTALLATIONS WITH J-HOOKS AND SPURS

Silt fence should never run continuous without J-Hooks or spurs. The silt fence should turn back into the fill or slope to create small pockets that trap silt and force stormwater to flow through the silt fence. This technique or configuration is commonly referred to as J-Hooks or spurs. The J-Hooks or Spurs shall be installed on all silt fences that are located around the perimeter of the project and along the toe of embankments or slopes. The J-hooks and Spurs shall be spaced in accordance with the Typical Location Details for Silt Fences / Baled Straw. Spacing for J-Hooks or Spurs shall not be less than 50 feet except as noted. Silt fences that are near the outlet of culverts, cross drains, and storm drains shall have a minimum of 3 J-Hooks or Spurs on both sides of the structure at spacing not to exceed 30 feet. J-Hooks or spurs shall be paid for as silt fence items per foot. All costs and other incidental items are included in cost of installing and maintaining the silt fence.

MAINTENANCE AND STABILIZATION MEASURES

All structural BMP's shall be maintained in accordance with the contract documents. All sediment control devices (except sediment basins) installed on a project shall as a minimum, be cleaned of sediment when one-half the capacity, by height, depth, or volume has been reached. Sediment basins shall be cleaned of sediment when one-third the capacity by volume has been reached.

As a minimum the Contractor shall complete the permanent grassing, or temporary grassing, or mulching, as appropriate and in accordance with contract documents, on all cut and fill slopes on a weekly basis during grading operations, except projects with a total of 3 acres or less of grassing may be treated every two weeks. When conditions warrant, the Engineer may require more frequent intervals for this work. It is extremely important to get a stabilizing cover in place, whether it is mulch, temporary grass or permanent grass. Adequate mulch is a must.

When grading operations or other soil disturbing activities have been suspended, for whatever reason, the Contractor shall promptly perform needed grassing work and/or erosion control work as shown in the plans, submitted by the Contractor or as directed by the Engineer.

Temporary grass shall be used when required by the contract documents or as directed by the Engineer to control erosion in areas where permanent grassing cannot be planted. Temporary grass shall be used where an area must be protected for longer than mulch is expected to last which is 60 calendar days. After 60 calendar days, areas with only mulch shall be planted with temporary grass and mulched again.

Temporary grass shall be a quick growing species suitable to the area and season. Seeds shall conform to the requirements of contract documents. Seeding shall be done in accordance with the requirements of the contract documents, except that ground preparation shall be the minimum required to provide a seed bed where further grading will be required. Areas that require no further grading shall be prepared in accordance with the contract documents. Lime shall be omitted unless the area will later be planted in permanent grass without further grading; in which case, lime will be applied according to the contract documents, mixed grade fertilizer shall be applied at the rate of 400 pounds per acre. Nitrogen shall be omitted. All temporary grass shall be mulched in accordance with contract documents.

All areas where temporary grass has been planted shall be prepared in accordance with contract documents prior to planting permanent grass.

Where staged construction (or other conditions not controlled by the Contractor) prohibits the completion of a roadway section in a continuous manner, the Contractor shall apply mulch to control erosion for a period of 60 calendar days or less. After 60 calendar days, areas stabilized with only mulch shall be planted with temporary grass and mulched again.

Mulch shall be applied and uniformly spread in accordance with contract documents.

When grassing operations begin, mulch shall be left in place and plowed into the soil during the process of seedbed preparation, thereby becoming beneficial plant food for the newly planted grass. Mulch required for protection of newly planted grass shall be in addition to the mulch specified herein.

PETROLEUM SPILLS & LEAKS

This ESPC Plan expressly delegates the responsibility of proper on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep necessary materials on site for the capture, clean up, and disposal of any petroleum products, or other hazardous material, leaks or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel, or maintain equipment within stream buffers.

Any leaks or spills of petroleum products will be the responsibility of the contractor to contain, control, and remediate in accordance with all local, state and federal guidelines, ordinances, and laws.

Control of Pollutants: Pollutants or potentially hazardous materials, such as fuels, lubricants, lead paint, chemicals or batteries, shall be transported, stored and utilized in a manner to prevent leakage or spillage into the environment. The Contractor shall also be responsible for proper and legal disposal of all such materials. Equipment, especially concrete or asphalt trucks, shall not be washed or cleaned out on the Project except in areas where unused product contaminants can be prevented from entering waterways.

NONSTORMWATER DISCHARGES

Nonstormwater discharges defined in Part III.A.2 of the NPDES Permit will be identified after construction has commenced. These discharges shall be subject to the same requirements as storm water discharges required by the Georgia Erosion and Sedimentation Control Act, the NPDES Permit, the Clean Water Act, the Manual for Erosion and Sediment Control in Georgia, Department Standards, and other contract documents. The NPDES does not authorize the discharge of soaps or solvents used in vehicle and equipment washing or the discharge of wastewater containing stucco, paint, oils, curing compounds, and other construction materials.

DISTURBED AREAS

Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

WASTE DISPOSAL

Where attainable, locate waste collection areas, dumpsters, trash cans, and portable toilets at least 50-feet from streets, gutters watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with the applicable state and local waste storage and disposal regulations and obtain the necessary permits. Solid materials, including building materials, shall not be discharged to Waters of the State, unless authorized by Section 404 Permit.

DE-WATERING AND PUMPING ACTIVITIES

Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag or shall be treated equivalently with suitable BMPs'. The Contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the Contractor to perform water quality sampling of their pumped discharges. The Contractor shall prepare sampling plans in accordance with the current GAR100002 NPDES Permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

RETENTION OF RECORD

The City of Dunwoody will retain all records related to implementation of this ESPCP in accordance with Part IV .F. of the General Permit GAR100002.

INSPECTIONS

All inspections shall be documented on form DOT-EC-1.

Daily:

Daily inspections shall be conducted by the Worksite Erosion Control Supervisor (WECS) or qualified personnel on the following areas:

a. Petroleum product storage, usage and handling areas
b. All locations where vehicles enter/exit the site
c. Measure rainfall once each twenty four hour period at the site

Weekly and after Rainfall Events:

The following areas shall be inspected by the WECS or qualified personnel every seven (7) calendar days and within twenty-four (24) hours of the end of a rainfall event that is 0.5 inches or greater:

a. Disturbed areas not permanently stabilized
b. Material storage areas
c. Structural control measures (BMP's)

The primary permittee must retain the design professional who prepared the ESPCP, or an alternative design professional approved by EPD in writing, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within seven (7) days of installation over the entire -infrastructure project. Alternatively, for linear infrastructure projects, the permittee must retain either of these personnel to inspect (a) the installation of sediment storage requirements and perimeter control BMPs for the initial segment, as defined by Part IV.A.5 of the current GAR100002 Permit, within seven (7) days of installation, and (b) all sediment basins within the entire linear infrastructure project within seven (7) days of installation. The inspecting design professional shall report the results to the primary permittee within seven (7) days, and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report, unless weather related site conditions are such that more time is required.

Monthly:

Once per month, the WECS or qualified personnel shall inspect all areas where final stabilization has been completed. These areas shall be inspected for evidence of sediments or pollutants entering the drainage system and or receiving waters. Any erosion control devices that remain in place shall be inspected to verify the maintenance status and that the devices are functioning properly.

These inspections shall continue until the Notice of Termination is submitted.

Failure to perform inspections as required by the contract documents and the NPDES permit shall result in the cessation of all construction activities with the exception of Traffic Control and Erosion Control. Continued failure to perform inspections shall result in non-refundable deductions as specified in the contract documents.

POSTCONSTRUCTION BMPs FOR STORMWATER MANAGEMENT

All permanent postconstruction BMPs are shown in the construction plans and in the ESPCP plan. The postconstruction BMPs for this project consist of vegetation, riprap at pipe outlets for velocity dissipation and outlet stabilization, channel/ditch stabilization with turf reinforcing mats, slope stabilization matting. The postconstruction BMPs will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

OTHER CONTROLS

If the Contractor elects to store building material, building products, construction waste, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials on the site, the Contractor shall provide an appropriate covering to minimize the exposure of those materials or products to precipitation and stormwater to minimize the discharge of pollutants. Minimization of exposure is not required in cases where exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of the specific material or product poses little risk to stormwater contamination or is intended for outdoor use.

The Contractor shall follow this ESPCP and ensure and demonstrate compliance with all applicable State and/or local regulations for waste disposal, sanitary sewer and septic systems, and petroleum storage.

The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Standard Specifications.

READY MIX CHUTE WASH-DOWN

The washing of ready-mixed concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site. In accordance with GDOT Standard Specification 107 - Legal Regulations and Responsibility to the Public, only the discharge "chute" utilized in Portland cement concrete delivery may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25-feet from any storm drain and outside of the travelled way, including shoulders, for a wash-down pit area. The pit shall be large enough to store all wash-down water without overtopping. Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in and the ground above shall be graded to match the elevation of the surrounding areas. Alternate wash-down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash-down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down water pit location that includes the following: (1) a location away from any storm drain, stream or river; (2) the pit is accessible to the vehicle being used for wash-down; (3) the pit has sufficient volume for wash-down water, and; (4) permission to use the area for wash-down. On site where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

City of Dunwoody Georgia

AECOM

REVISION DATES		

ESPCP GENERAL NOTES
CHAMBLEE DUNWOODY ROAD
AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		51-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

CONSTRUCTION SCHEDULE AND SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for this project shall be submitted after the project is awarded along with the NOI. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP to minimize or eliminate the vehicle tracking of dirt, soils, and sediments off site. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

The initial phase of BMPS requires silt fence around the project perimeter. The initial phase also involves protecting existing drainage structures with inlet sediment traps. Mulch will be used on areas to be disturbed. The proposed wall ditch will also be protected using a slot board dam.

The intermediate phase includes inlet sediment traps for proposed drainage structures. Temporary grassing and permanent grassing are to be used during grading.

The final phase includes sodding, permanent grassing, slope stabilization and mulching as specified.

CONSTRUCTION SCHEDULE

ACTIVITY	0-3 MONTHS	4-6 MONTHS	7-9 MONTHS	10-12 MONTHS	13-15 MONTHS	16-18 MONTHS
INITIAL BMP PHASE	■					
CLEARING & GRUBBING	■					
INTERMEDIATE BMP PHASE		■	■	■		
UTILITIES INSTALLATION		■	■			
ROADWAY GRADING		■	■	■		
ROUNDABOUT CONSTRUCTION		■	■	■		
TEMPORARY STABILIZATION		■	■	■		
FINAL BMP PHASE				■	■	■
FINAL GRADING				■	■	■
PERMANENT STABILIZATION					■	■
MAINTENANCE OF BMPs	■	■	■	■	■	■
REMOVE TEMPORARY BMPs						■

THE CONSTRUCTION SCHEDULE ABOVE IS AN EXAMPLE OF THE ACTIVITIES EXPECTED DURING CONSTRUCTION. THE CONTRACTOR WILL PROVIDE THE ACTUAL CONSTRUCTION SCHEDULE. THIS PROJECT IS SCHEDULED TO BE COMPLETED WITHIN 18 MONTHS AFTER THE CONTRACTOR HAS BEEN GIVEN NOTICE TO PROCEED.

SEDIMENT STORAGE

The project site has a total disturbed area of 1.38 acres. The table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the sediment storage volumes for the BMP's specified in this table.

The sediment volume stored along silt fencing was computed by multiplying the triangular area of sediment accumulated between the fill slope and the silt fence at the half full depth (0.6 ft) times the total length of fence, i.e.

V = (1/2) * (b * h) * (length of silt fence) = (1/2) * [0.6 * (0.6 * 4)] * (length of silt fence)

In order to prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with GDOT Construction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to Project Engineer for approval.

SEDIMENT BASINS

SEDIMENT BASINS WILL NOT BE UTILIZED

The disturbance activities consist of clearing and grubbing. The outfalls are located in an urban section. Each sub-drainage area is protected with silt fences, rip rap, slope matting, pipe inlet filter rings, straw check dams, mulch and grassing (temporary and permanent). Given the topography and available right-of-way, it is not possible to construct a sediment basin without significant impact. The proposed BMPs provide the required sediment storage without the use of sediment basins.

SEDIMENT STORAGE

Outfall ID	Subbasin ID	Location (STATION & OFFSET)	Total Drainage Area (acres)	Disturbed Area (acres)	Required Sediment Storage Volume (CY)	Total Storage Volume Provided (CY)	Check Dams (Straw)		Inlet Sediment Traps		Silt Fence		Rock Filter Dams	
							# of Devices	Total Volume (CY)	# of Devices	Total Volume (CY)	Length (LF)	Total Volume (CY)	# of Devices	Total Volume (CY)
1	1	207+90, 19'+/- LT	2.65	.62	178	151			5	11	465	140		
2	2	92+95, 19'+/- LT	2.68	.58	180	203			7	13	632	190		
		Total Sheet Flow	.18	.18	12	343					697	209		
		Project Total	5.51	1.38	370	643			12	24	1794	539		

The total storage volume for outfall #1 is less than required but acceptable due to the low disturbed area. Most of the drainage area comes from the roadway and enters a closed system.

SOIL SERIES INFORMATION

The following is a summary of the soils that are expected to be found on the project site:

DeKalb County, Georgia (GA089)		
Map Unit Symbol	Map Unit Name	Percent of AOI
CuC	Cecil-Urban land complex, 2 to 10 percent slopes	50.8
PuE	Pacolet-Urban land complex, 10 to 25 percent slopes	43.2
Ud	Urban land	5.9
	Total for Area of Interest (AOI) =	100

Soil Summary By Erosion Hazard Rating Value	
Rating	Percent of AOI
Severe	0
Moderate	0
Null or Not Rated	100
Total for Area of Interest (AOI) =	100

Due to the size and scope of this project, and the nature of soil series map, it is not reasonably practical to delineated the precise locations of the above listed soils on the construction plan. The USDA NRCS soil survey and soil series map for the project site are also available online at http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm.

DISCHARGES INTO OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

The following is a summary of project outfalls within one (1) linear mile upstream of and within the watershed of an identified Impaired Stream Segment that has been listed for criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macro Invertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

The main stem of March Creek is listed on the Georgia EPD Draft 2020 Integrated Clean Water Act 305(b)/303(d) list of impaired waters for not supporting its designated use of "fishing". Two criteria were violated - Bio F caused by sediment in the creek and fecal coliform bacteria. A total maximum daily load (TMDL) was completed for fecal coliform bacteria in 2003, and revised in 2008.

* No site specific conditions or requirements have been included in the TMDL Implementation Plan for Rucker Road Safety and Operational improvements applicable to construction activities other than submitting an ES & PC Plan to LIA or GA EPD for permitting.

** NPDES construction activities are considered a significant source of pollution. Compliance with the Permit should lead to sediment loading for construction sites at or below applicable levels.							
Outfall Location(Sta)	Basin Name	Reach Name	Location of the impaired stream segment as indicated in the 305(b) / 303(d) list	Criteria Violated(Bio F orBio M)	Potential Cause(NP or UR)	Category (4a, 4b or 5)	Numeric Waste Load Allocation for sediment (tn/ac/yr)
207+90, 19' LT	CHATTAHOOCHEE	MARCH CREEK	HEADWATERS TO CHATTAHOOCHEE RIVER	Bio F	UR	4a, 5	.5 tn/yr
92+95, 19' LT	CHATTAHOOCHEE	MARCH CREEK	HEADWATERS TO CHATTAHOOCHEE RIVER	Bio F	UR	4a, 5	.5 tn/yr

USE OF ALTERNATIVE AND/OR ADDITIONAL BMPS:

No alternative or additional BMPs will be used on this project.

City of Dunwoody Georgia

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REVISION DATES

ESPCP GENERAL NOTES

CHAMBLEE DUNWOODY ROAD
AT WOMACK ROAD

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

DRAWING No.
51-0002

MONITORING GENERAL NOTES

Representative sampling may be utilized on this project. The characteristics of the individual watersheds along the project corridor have been carefully evaluated and compared on the basis of drainage characteristics, watershed size, land disturbance and earth work. After evaluation of these items as presented in the project drainage area maps, hydrology, and hydraulic studies, construction plans, and erosion sedimentation and pollution control plans, it has been determined that the increase in turbidity at the specified locations will be representative of the increase in turbidity for all waters leaving the site. Approved primary and alternate representative monitoring sites are identified in the table. The primary site specified should be used as the initial sampling location. The alternate sampling sites may be used if additional sampling is required and/or if the primary sampling site is no longer located within the active phase of construction.

MONITORING SAMPLING METHODS & PROCEDURES

REPRESENTATIVE SAMPLING ON LINEAR PROJECT

Receiving water samples and storm water discharge samples will be collected by "grab samples", as specified in Part IV D.5.b.of the permit. All grab samples will be collected using the following methods and procedures:

RECEIVING WATER SAMPLING:

MANUAL SAMPLING:

Samples will be taken at the appropriate time as stated in Part IV.D. 5. d. of the permit. Sampling will begin at the designated representative receiving water at the downstream location first. The sample will be taken as far downstream (within the project right of way) of the confluence of the last storm water discharge point, and upstream of any additional discharges not associated with the project. The sample will be taken in the center of the receiving water at a point where mixing of the receiving waters and the project outfall has occurred and produced a homogenous sample. On receiving waters where access to the center of the receiving waters is not practical, several samples from across the receiving waters will be taken and the arithmetic average of the turbidity of these samples will be used for the upstream value. A large mouth, clean, glass or plastic jar/bottle, labeled with project number and location will be used to collect the sample. The sample container will be held such that the opening faces upstream. Once the sample jar/bottle is full and capped, it will be transported to the location where the turbidity testing will be conducted. Samples may be analyzed at the site with properly calibrated portable turbidimeters. All turbidity tests will be conducted immediately but in no case, later than 48 hours after the time the sample was obtained.

Upstream samples will be taken after downstream samples have been acquired. The sample will be taken immediately upstream of the confluence of the first storm water discharge from the project (within the project right of way). The sample will be taken in the center of the receiving water. On receiving waters where access to the center of the receiving waters is not practical, several samples from across the receiving waters will be taken and the arithmetic average of the turbidity of these samples will be used for the upstream value. A large mouth, clean, glass or plastic jar, labeled with project number and location will be used to collect the sample. The sample container will be held such that the opening faces upstream. Once the sample jar/bottle is full and capped, it will be transported to the location where the turbidity testing will be conducted. All turbidity tests will be conducted immediately but in no case, later than 48 hours after the time the sample was obtained.

Sampling Guidance Document, "EPA 833-B-92-001" and guidance documents that may be prepared by the EPD.

1. Sample containers should be labeled prior to collecting the samples.
2. Samples should be well mixed before transferring to a secondary container.
3. Large mouth, clean and rinsed glass or plastic jars should be used for collecting samples. The jars should be cleaned thoroughly to avoid contamination.
4. Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. Dilution of samples is not required. Samples may be analyzed using a direct reading, properly calibrated turbidmeter. Samples are not required to be collected.
5. Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this permit must be reported to EPD as specified in Part IV.B.

Sampling Points.

(1). For construction activities the primary permittee must sample all receiving all water(s) and outfall(s). Samples taken for the purpose of compliance with this permit shall be representative of the monitored activity and representative of the water quality of the receiving water(s) and/or the storm water outfalls using the following minimum guidelines:

(a). The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first storm water discharge from the permitted activity (i.e., the discharge farthest upstream at the site) but downstream of any other storm water discharges not associated with the permitted activity. Where appropriate, several upstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.

(b). The downstream sample for each receiving water(s) must be taken downstream of the confluence of the last storm water discharge from the permitted activity (i.e., the discharge farthest downstream at the site) but upstream of any other storm water discharge not associated with the permitted activity. Where appropriate, several downstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity value.

(c). Ideally the samples should be taken from the horizontal and vertical center of the receiving water(s) or the storm outfall channel(s).

(d). Care should be taken to avoid stirring the bottom sediments in the receiving water(s) or in the outfall storm water channel.

(e). The sampling container should be held so that the opening faces upstream.

(f). The samples should be kept free from floating debris.

(g). Permittees do not have to sample sheetflow that flows onto undisturbed natural areas or areas stabilized by the project. For purposes of this section, stabilized shall mean, for unpaved areas and areas not covered by permanent structures, 100% of the soil surface is uniformly covered in permanent vegetation with a density of 70% or greater, or equivalent permanent stabilization measures (such as the use of rip rap, gabions, permanent mulches or geotextiles) have been used. Permanent vegetation shall consist of: planted trees, shrubs, perennial vines; a crop of perennial vegetation appropriate for the time of year and region; or a crop of annual vegetation and a seeding of target crop perennials appropriate for the region. Final stabilization applies to each phase of construction.

(h). All sampling pursuant to this permit must be done in such a way (including generally accepted sampling methods, locations, timing, and frequency) as to accurately reflect whether storm water runoff from the facility/site is in compliance with the standard set forth in Parts III.C.3. or III.C.4., whichever is applicable.

AUTOMATIC SAMPLING:

Samples will be taken at the appropriate times as specified in Part IV.D. 5. d. of the permit. Automatic sampling can be accomplished at both upstream and downstream simultaneously by using a sampling device similar to the Isco Model 3700 or 6700. These devices can be triggered by flow meters or rain gages to obtain the required samples. This determination will be made on a project by project basis. The probe for the automatic sampler will be placed in the center of the receiving water at a point as far downstream of the confluence of the last storm water discharge point and upstream of any additional discharges not associated with the project. Samples will remain in the automatic sampler until the next business day, when they will be collected and tested.

The probe for upstream sampling will be positioned immediately upstream of the confluence of the first storm water discharge point from the project. The probe will be placed in the center of the receiving water. Samples will remain in the automatic sampler until the next business day, when they will be collected and tested.

TESTING:

All turbidity tests shall be done in accordance with 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD. Turbidity results will be recorded and reported to EPD in accordance with Part IV.E of the permit.

The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins in accordance with part IV.A.5. within 7 days after installation.

(According to the EPD, additional monitoring sites may be required depending on significant changes in typical sections.)

STATE-WATER BUFFER IMPACTS

State-water buffers, as defined by O.C.G.A. 12-7-1, are not impacted by this project.

Non-exempt activities shall not be conducted within the 25- or 50-foot undisturbed stream buffers as measured from the point wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits.

Note: The total site area is 2.47 acres.

SAMPLING INFROMATION											Representative Sampling Scheme OUTFALL CHARACTERISTICS				
Primary Monitored Basin	Primary or Alternate Site	Location (Station & Offset)	Name of Receiving Water	Applicable Construction Stage for Sampling	Sampling Type (Outfall or Receiving Water)	Drainage Area for the receiving water (sq. mi)	Warm or Cold Water Stream	Appendix B NTU Value (outfall sampling only)	Allowable NTU Increase (receiving water sampling only)	Location Description	Construction Activity	Disturbed Area (acres)	Average Outfall Slope (ft/ft)	Soil Erosion Index	Represntative Outfall Drainage Basins
1	Primary	207+90, 19'+/- LT	Nancy Creek Tributary	Phase 2 Stage 2	Outfall	.15	Warm	75	N/A	54" Cross Drain	Intersection Improvements	.62	.016	5	1
2	Alternate	92+95, 19'+/- LT	Nancy Creek Tributary	Phase 2 Stage 2	Outfall	.15	Warm	75	N/A	18" Pipe	Intersection Improvements	.58	.025	5	1

OUTFALL SAMPLING:

MANUAL SAMPLING:

Samples will be taken at the appropriate time as stated in Part IV.D.5.d.of the permit. Sampling will occur at the designated representative outfall. The sample will be taken in the center of the outfall channel. A large mouth, clean, glass or plastic jar/bottle, labeled with project number and location will be used to collect the sample. The sample container will be held such that the opening faces upstream. Once the sample jar/bottle is full and capped, it will be transported to the location where the turbidity testing will be conducted. Samples may be analyzed at the site with properly calibrated portable turbidimeters. All turbidity tests will be conducted immediately but in no case, later than 48 hours after the time the sample was obtained.

AUTOMATIC SAMPLING:

Samples will be taken at the appropriate times as specified in Part IV.D.5.d.of the permit. Automatic sampling can be accomplished by using a sampling device similar to the Isco Model 3700 or 6700. These devices can be triggered by flow meters or rain gages to collect the required samples. This determination will be made on a project by project basis. The probe for the automatic sampler will be placed in the center of the outfall channel. Samples will remain in the automatic sampler until the next business day, when they will be collected and tested.

TESTING:

All turbidity tests shall be done in accordance with 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD. Turbidity results will be recorded and reported to EPD in accordance with Part IV.E of the permit.

City of Dunwoody Georgia

AECOM

REVISION DATES

ESPCP GENERAL NOTES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
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CORRECTED:		DATE:		51-0003
VERIFIED:		DATE:		

GSWCC

Georgia Soil and Water Conservation Commission

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST

INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD: #N/A

Project Name: Womack Rd Extension Address:

City/County: Dunwoody/Dekalb Date on Plans: 5/6/2021

Name & Email of Person Filling Out Checklist: Travis McClam Travis.McClam@aecom.com

Plan Page *	Included Y/N		TO BE SHOWN ON ES&PC PLAN
51-004	Y	1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
50-001	Y	2	Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
50-001	Y	3	The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
50-001	Y	4	Provide the name, address and phone number of primary permittee.
53-001	Y	5	Note total and disturbed acreage of the project or phase under construction.
50-001	Y	6	Provide the GPS locations of the beginning and end of the infrastructure project. Give the Latitude and Longitude in decimal degrees.
50-001	Y	7	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
51-002	Y	8	Description of the nature of construction activity.
50-001	Y	9	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
53-001, 54-ALL 55-001	Y	10	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, etc. which may be affected.
50-001	Y	11	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.
50-001	Y	12	Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 15 of the permit.*
50-001	Y	13	Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on page 26 of permit as applicable.*
51-001	Y	14	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins in accordance with part IV.A.5. within 7 days after installation."*
51-003	Y	15	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation without first acquiring the necessary variances and permits."*
	N/A	16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51-001	Y	17	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."*
51-001	Y	18	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."*
51-001	Y	19	Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."*
51-001	Y	20	Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."*
51-001	Y	21	Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."*
51-002	Y	22	Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.*
	N/A	23	If a TWDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TWDL Implementation Plan.*
51-001	Y	24	BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.*
51-001	Y	25	Provide BMPs for the remediation of all petroleum spills and leaks.
51-001	Y	26	Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.*
51-001	Y	27	Description of practices to provide cover for building materials and building products on site.
51-001	Y	28	Description of the practices that will be used to reduce the pollutants in storm water discharges.*
51-002	Y	29	Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
51-001	Y	30	Provide complete requirements of inspections and record keeping by the primary permittee.*
51-003	Y	31	Provide complete requirements of sampling frequency and reporting of sampling results.*
51-001	Y	32	Provide complete details for retention of records as per Part IV.F. of the permit.*
51-003	Y	33	Description of analytical methods to be used to collect and analyze the samples from each location.*
51-003	Y	34	Appendix B rationale for NTU values at all outfall sampling points where applicable.*
55-001	Y	35	Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable.*
51-001 to 51-004 52-ALL 54-ALL	Y	36	A description of appropriate controls and measures that will be implemented at the construction site including: (1) Initial sediment storage requirements and perimeter control BMPs, (2) Intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase.*
ALL	Y	37	Graphic scale and North arrow.
53-001 54-1A.001 to 54-1A.005 55-001	Y	38	Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Existing Contours: USGS 1": 2000' Topographical Sheets; Proposed Contours: 1" : 400' Centerline Profile
	N/A	39	Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org.
	N/A	40	Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.*
	N/A	41	Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
	N/A	42	Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
53-001	Y	43	Delineation and acreage of contributing drainage basins on the project site.
53-001, 55-001	Y	44	Delineate on-site drainage and off-site watersheds using USGS 1' :2000' topographical sheets.
53-001	Y	45	An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
53-001	Y	46	Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
51-002	Y	47	Soil series for the project site and their delineation.
54-ALL	Y	48	The limits of disturbance for each phase of construction.
51-002	Y	49	Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasable, a written justification explaining this decision must be included in the plan.
52-ALL, 54-ALL	Y	50	Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
52-ALL	Y	51	Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
51-001	Y	52	Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.

Effective January 1, 2021

REVISION DATES

ESPCP GENERAL NOTES

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		51-0004
VERIFIED:		DATE:		

Plan Page #	Included Y/N		
		a.	During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
		b.	Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
		c.	Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
	Y	d.	A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
	Y	e.	Use flocculants or coagulants and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Section III. D.1. of the NPDES Permit.
		f.	Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Section IV.D.6.d. of the NPDES Permits.
		g.	Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
		h.	Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
		i.	Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
		j.	Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan. (https://epd.georgia.gov/erosion-and-sedimentation)
		k.	Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
		l.	Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
		m.	Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event.
		n.	Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
		o.	Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
		p.	Conduct soil tests to identify and to implement site-specific fertilizer needs.
	Y	q.	Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c); secondary permittees, Section IV.D.4.b.(3)(a) – (c); and tertiary permittees Section IV.D.4.c.(3)(a) – (c) *
		r.	Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
		s.	Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
		t.	Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the Plan.
	Y	u.	Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Section IV.A.5 of the permit. The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.
		v.	Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual known as the Blue Book or an equivalent or more stringent design manual.

Effective January 1, 2021

* This requirement is different for infrastructure projects:
Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c) of the permit.

REVISION DATES

ESPCP GENERAL NOTES

CHAMBLEE DUNWOODY ROAD
AT WOMACK ROAD

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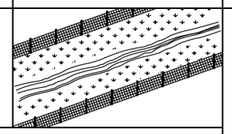
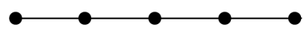
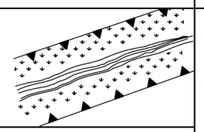
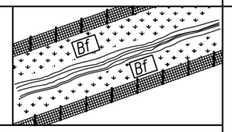
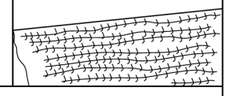
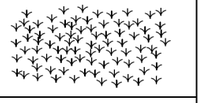
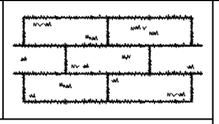
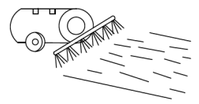
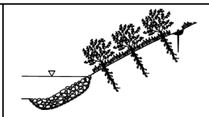
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
	LINE CODE	 ORANGE BARRIER FENCE	
ESA	ENVIRONMENTALLY 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	 ESA-25'(OR 50')STREAM BUFFER, ETC.	
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	Bf	
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	Ds1	
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	Ds2	

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	Ds3	
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	Ds4	
Fl-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	Fl-Co POLYACRYLAMIDE	
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	Sb	

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".

REVISION DATES

EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

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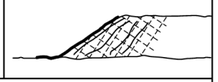
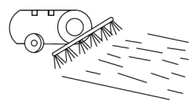
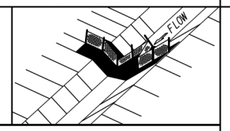
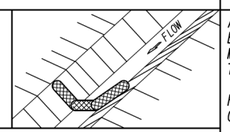
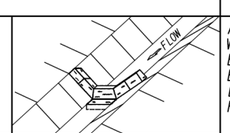
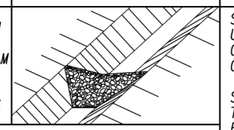
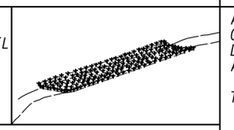
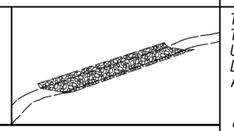
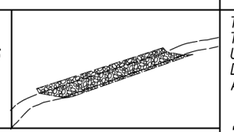
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716	 PATTERN 	SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, 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.
Tac	TACKIFIERS SECTION 163, 700, 895	 SYMBOL Tac POLYACRYLAMIDE	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.
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171	 SYMBOL Cd-F	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.
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163	 SYMBOL Cd-Fs	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.
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163	 SYMBOL Cd-Hb	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.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM GA. STD 1031 SECTION 163, 603	 SYMBOL Cd-S	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.
Ch-1	VEGETATED CHANNEL STABILIZATION SECTION 700	 LINE CODE 	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.
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	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.
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	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.

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".

REVISION DATES

EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

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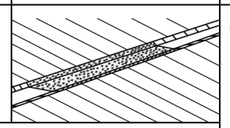
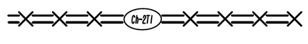
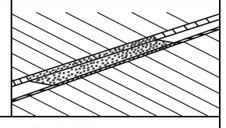
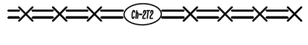
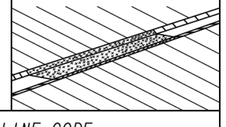
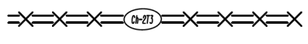
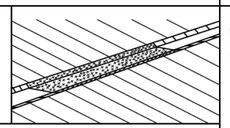
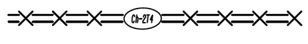
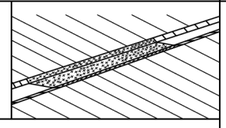
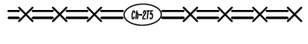
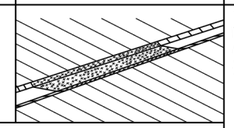
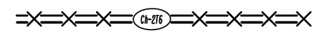
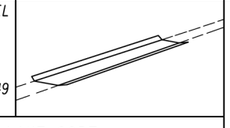
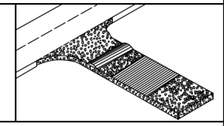
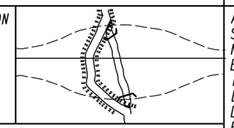
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T1	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS 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. "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	 LINE CODE 	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. "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	 LINE CODE 	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. "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	 LINE CODE 	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. "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	 LINE CODE 	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. "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	 LINE CODE 	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. "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	 LINE CODE 	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. "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	 SYMBOL 	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. ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163	 LINE CODE 	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 Sdl-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. 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:

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".

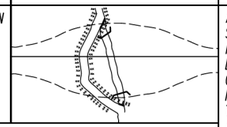
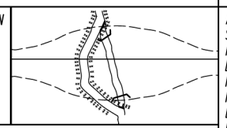
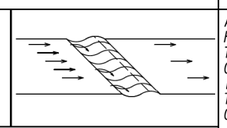
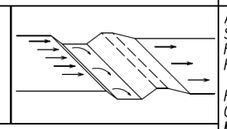
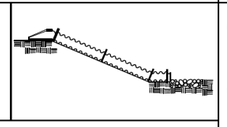
REVISION DATES

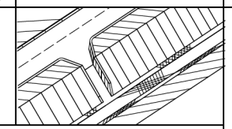
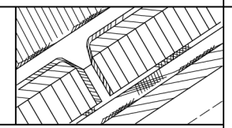
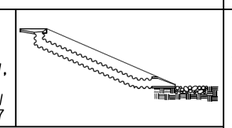
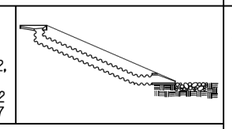
EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163 LINE CODE —D——D——D—(Dc-B)—D——D——D—		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. 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 SECTION 163 LINE CODE —D——D——D—(Dc-C)—D——D——D—		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. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
D1-1	DIVERSION BERM CONSTRUCTION DETAIL D-47 SECTION 205 LINE CODE D1-1		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.
D1-2	DIVERSION CHANNEL SECTION 205 LINE CODE D1-2		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. 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 CONSTRUCTION DETAIL D-19 SECTION 163 LINE CODE —T——T——T—(Dn1)—T——T——T—		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'. 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 LINE CODE Dn2-A		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).
Dn2-B	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441 LINE CODE Dn2-B		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).
Dn2-1	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP1, 9017J TP1, DETAIL D-26 TP1 SECTION 576, 577 LINE CODE Dn2-1		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).
Dn2-2	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP2, 9017J TP2, DETAIL D-26 TP2 SECTION 576, 577 LINE CODE Dn2-2		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).

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".

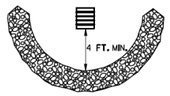
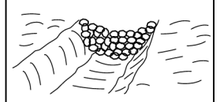
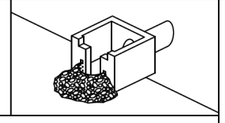
REVISION DATES

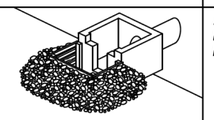
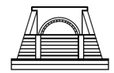
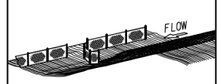
EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		52-0004
VERIFIED:		DATE:		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL D-46 SECTION 163	 SYMBOL: Fr	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.
Rd	ROCK FILTER DAM CONSTRUCTION DETAIL D-43 SECTION 163, 603	 SYMBOL: Rd	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.
Rd-B	STONE FILTER BERM CONSTRUCTION DETAIL D-50 SECTION 163, 603	 LINE CODE: Rd-B	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.
Rp	RIP-RAP SECTION 603	 PATTERN: Rp	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.
Rt-P	RETROFITTING PERFORATED HALF-ROUND PIPE CONSTRUCTION DETAIL D-44 SECTION 163	 SYMBOL: Rt-P	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.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Rt-B	RETROFITTING SLOTTED BOARD DAM CONSTRUCTION DETAIL D-45 SECTION 163	 SYMBOL: Rt-B	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.
Rt-Sg1 Rt-Sg2 Rt-Sg3	RETROFITTING SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163	 SYMBOL: Rt-Sg1 Rt-Sg2 Rt-Sg3	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
Sdl-NS	SEDIMENT BARRIER (NON-SENSITIVE) SILT FENCE TYPE A CONSTRUCTION DETAIL D-24 SECTION 171	 LINE CODE: A A A Sdl-NS A A A	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.
Sdl-S	SEDIMENT BARRIER (SENSITIVE) SILT FENCE TYPE C CONSTRUCTION DETAIL D-24 SECTION 171	 LINE CODE: C C C Sdl-S C C C	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.

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".

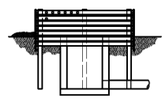
REVISION DATES

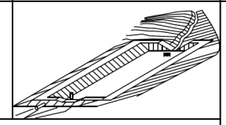
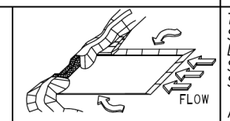
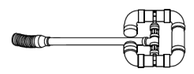
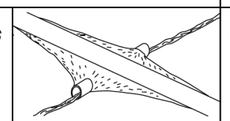
EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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 INTERWINGLED 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. TYPICALLY NOT SHOWN ON PLANS. PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE.
	LINE CODE * * * (Sd1-BB) * * *		
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		(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%. 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.
	SYMBOL (Sd2-F)		
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. 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.
	SYMBOL (Sd3)		
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. 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.
	SYMBOL (Sd4-C)		
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. 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.
	SYMBOL (Sk)		
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. 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!
	SYMBOL (Sr)		

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".

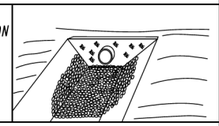
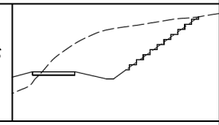
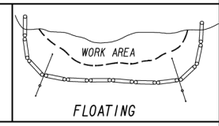
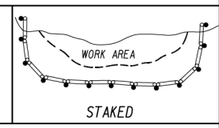
REVISION DATES

EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0006
CORRECTED:		DATE:		
VERIFIED:		DATE:		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332		A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 48" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY OF THE 25-YEAR STORM IS 12 fps AND GREATER.
	SYMBOL St		
St-Rp	STORM DRAIN OUTLET PROTECTION (RIP-RAP) CONSTRUCTION DETAIL D-55 SECTION 603		RIP-RAP OUTLET PROTECTION IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE, CHANNEL, OR STRUCTURE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. THE MINIMUM DESIGN OF RIP-RAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM PEAK FLOW, BUT LARGER STORMS ARE RECOMMENDED. TYPE-1 RIP-RAP AT A DEPTH OF 36" AND PLACED ON FILTER FABRIC IS PREFERRED FOR ALL d50 </= 1.2 FEET. TYPE-3 RIP-RAP AT A DEPTH OF 18" AND PLACED ON FILTER FABRIC MAY BE USED FOR d50 </= 0.7 FEET. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR REQUIRED DESIGN DIMENSIONS AND OTHER INFORMATION TO BE INCLUDED IN THE PLANS.
	PATTERN FLAT AREA St-Rp OR St-Rp WELL-DEFINED CHANNEL		
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL S-7 SECTION 205		PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER. IN MOST CASES THIS BMP IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE SPECIFIED BY THE SOIL SURVEY, THEN THIS BMP SHALL BE SHOWN ON THE PLANS WHERE SERRATED SLOPES ARE TO BE USED.
	LINE CODE Su		
Tc-F	TURBIDITY CURTAIN FLOATING CONSTRUCTION DETAIL D-51 SECTION 170	 FLOATING	A FLOATING TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
	LINE CODE Tc-F		
Tc-S	TURBIDITY CURTAIN STAKED CONSTRUCTION DETAIL D-51 SECTION 170	 STAKED	A STAKED TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED IN SHALLOW INUNDATED AREAS. IT MAY BE USED TO PROTECT A SMALL STREAM BEING REALIGNED OR RESTORED. IN THIS CASE, CURTAIN SHOULD EXTEND TO BOTTOM OF STREAMBED. THE HEIGHT SHOULD BE LIMITED TO 5 FEET UNLESS DIRECTED AND EXTEND 2 FEET ABOVE NORMAL WATER ELEVATION. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.
	LINE CODE Tc-S		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

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".

REVISION DATES

EROSION CONTROL LEGEND

CHAMBLEE DUNWOODY ROAD

AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

END PROJECT
CHAMBLEE DUNWOODY RD

N 1434626.7065
E 2246519.6091

END CONSTRUCTION
CHAMBLEE
DUNWOODY RD

N 1434609.9870
E 2246530.5840

LIMIT OF CONSTRUCTION
WOMACK RD

N 1434552.2648
E 2246506.3381

CHAMBLEE
DUNWOODY RD
STA 106+46.89 =
WOMACK RD
STA 202+67.05
N 1434555.975
E 2246563.213

LIMIT OF CONSTRUCTION
WOMACK RD
N 1434552.1423
E 2247056.1474

BEGIN CONSTRUCTION
CHAMBLEE DUNWOODY RD

N 1433310.9965
E 2247406.9393

BEGIN PROJECT
CHAMBLEE DUNWOODY RD

N 1433260.477
E 2247448.375

CHAMBLEE DUNWOODY RD
ASHFORD CENTER PKWY
WOMACK RD
WICKENBY CT
MANGET WAY
SUMMERFORD DR
OUTFALL #1
OUTFALL #2
BASIN A6.1
BASIN A7.0
BASIN A5.1
BASIN A6.0
BASIN A5.0
BASIN A5.1
BASIN A4.0
BASIN A3.0
BASIN A2.0
BASIN A1.1
A3.0
A1.0
A2.0
A3.1
A1.1
A3.2
C4.1
C5.0
C4.0
C3.0
C2.0
C1.0
200+00
204+00
208+00
208+00
108+00
106+00
104+00
102+00
100+00
95+00
91+00
N

Outfall ID	Subbasin ID	Location (STATION & OFFSET)	Outfall Disc.	Total Drainage Area (acres)	Disturbed Area (acres)	Average Slope (ft/ft)	Pre-Construction Runoff Coefficient	Post-Construction Runoff Coefficient	Q50 (cfs) proposed	V50 (fs) proposed	Q100 (cfs) proposed	V100 (fs) proposed	Q50 (cfs) existing	V50 (fs) existing	Q100 (cfs) existing	V100 (fs) existing
1		207+90 19 LT	Storm System Outfall	2.65	.62	.016	.5	.52	188.82	12.75	190.19	12.81	N/A	N/A	N/A	N/A
2		92+95 19 LT	Storm System Outfall	2.68	.58	.025	.5	.5	17.38	10.68	19.21	11.13	N/A	N/A	N/A	N/A
3			Sheet Flow	.18	.18	.25	.4	.4								

TOTAL PROJECT AREA = 2.47 ACRES

TOTAL DRAINAGE AREA = 5.51 ACRES

TOTAL DISTURBED AREA = 1.38 ACRES

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 100 200 400

REVISION DATES

EROSION CONTROL DRAINAGE AREA MAP

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		53-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GREAT SOUTH FIVE LLC

JOSEPH T. & JENNIFER P. TREANOR

1
TARTOS HOMES LLC
SEE SHEET 7

2
SEAN HOLMES
SEE SHEET 7

ALEXANDER
M. SLADKY

EXIST. R/W

INSTALL SILT FENCE TO FIELD LOCATE EASEMENT AND EXISTING RIGHT OF WAY. CONTRACTOR TO NOT ENTER ONTO PRIVATE PROPERTY.

90+75
91+00
92+00
93+00
94+00
95+00

POB 90+75.00

C1.0
C2.0
18"
Sd2-F

N 39°21'27" W

DW5 +79
DW4 +35

CHAMBLEE DUNWOODY RD

CURVE DET01

BEGIN CONSTRUCTION
BEGIN CURB
& GUTTER
STA 91+40.08

P.C. 91+81.93

P.I. 93+82.12

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75
N 1433260.4768
E 2247448.3754

MATCH LINE STA. 95+00 DRAWING No. 54-1.0002

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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

City of Dunwoody Georgia

AECOM

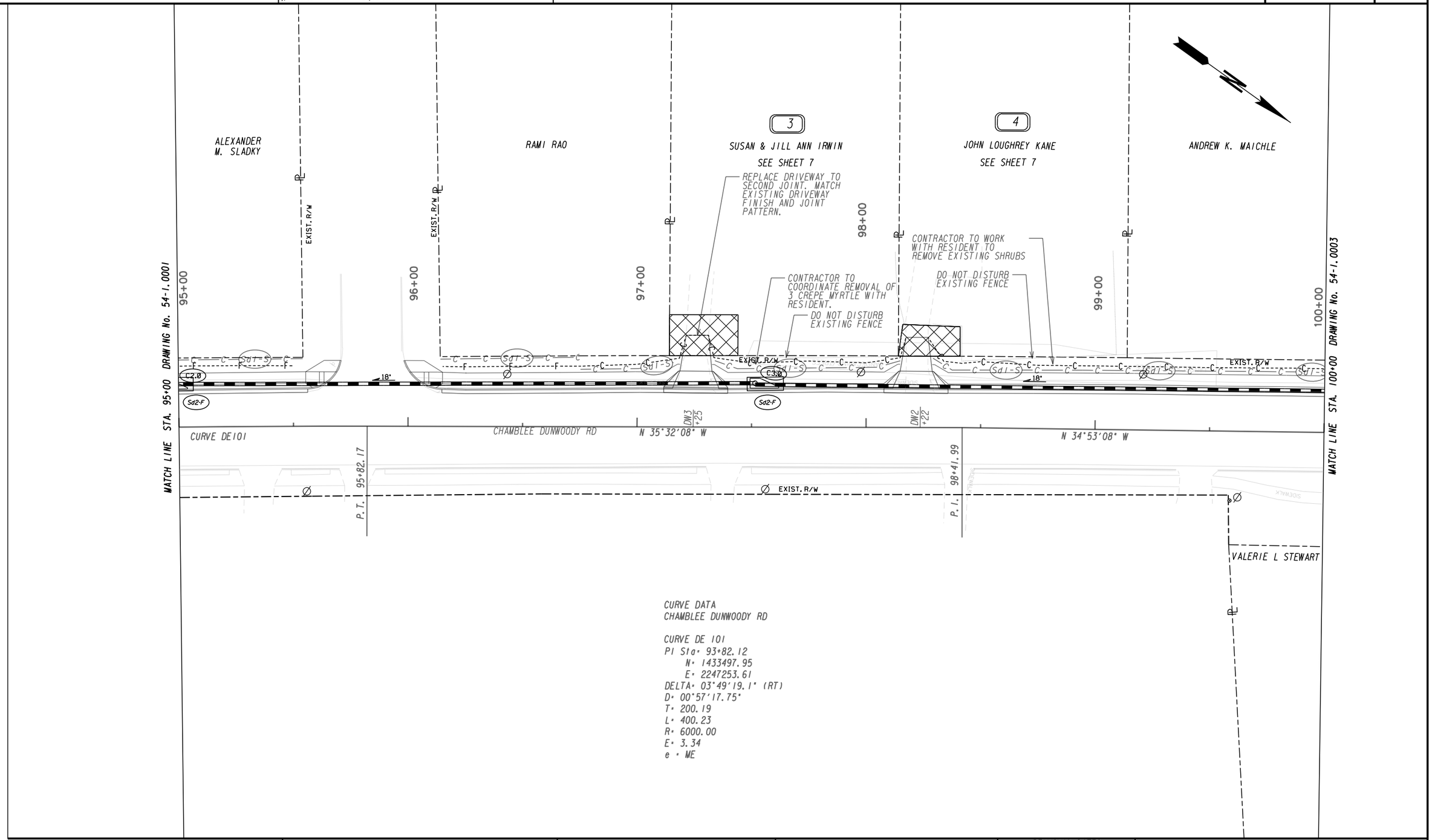
SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 1

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		54-1.0001
VERIFIED:		DATE:		



CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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

City of Dunwoody Georgia
AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES		

BMP LOCATION DETAILS - STAGE 1

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-1.0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

WILLIAM CARR

BEATRICE TETA SZCZERBACKI

JOHN SAENZ

LAUREN WISE

NEAL BAROT

ANGELA BERNA

ANDREW K. MAICHLE

MANGET WAY

EXIST. R/W

100+00

101+00

102+00

103+00

104+00

105+00

P.C. 101+18.16

P.I. 102+30.78

P.T. 103+43.19

CONST. ℄ CHAMBLEE DUNWOODY RD

CURVE DE102

N 34°53'08" W

N 28°48'14" W

C5.0

C4.0

C4.1

18"

Sd2-F

Sd1-S

S-TPS

F

C

DRAWING No. 54-1.0004

MATCH LINE STA. 100+00 DRAWING No. 54-1.0002

MATCH LINE STA. 105+50

BEGIN MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 100+20.00

BEGIN WALL #1
STA 102+80.00
37.50' RT

END WALL #1
TIE TO EXISTING WALL
STA 104+35.00
36.66' RT

VALERIE L STEWART

ANN MCCORMICK SWEETING

TERRY L JEROME

KARTHIK THAMMAIAH

ANA S. GROSSO

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE102
PI Sta: 102+30.78
N: 1434191.21
E: 2246763.88
DELTA: 06°04'54.4" (RT)
D: 02°42'09.47"
T: 112.62
L: 225.03
R: 2120.00
E: 2.99
e: ME

5
AMERICAN TELEPHONE
& TELEGRAPH

SEE SHEETS 5, 6, 7

MATCH LINE

DRAWING No. 54-1.0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

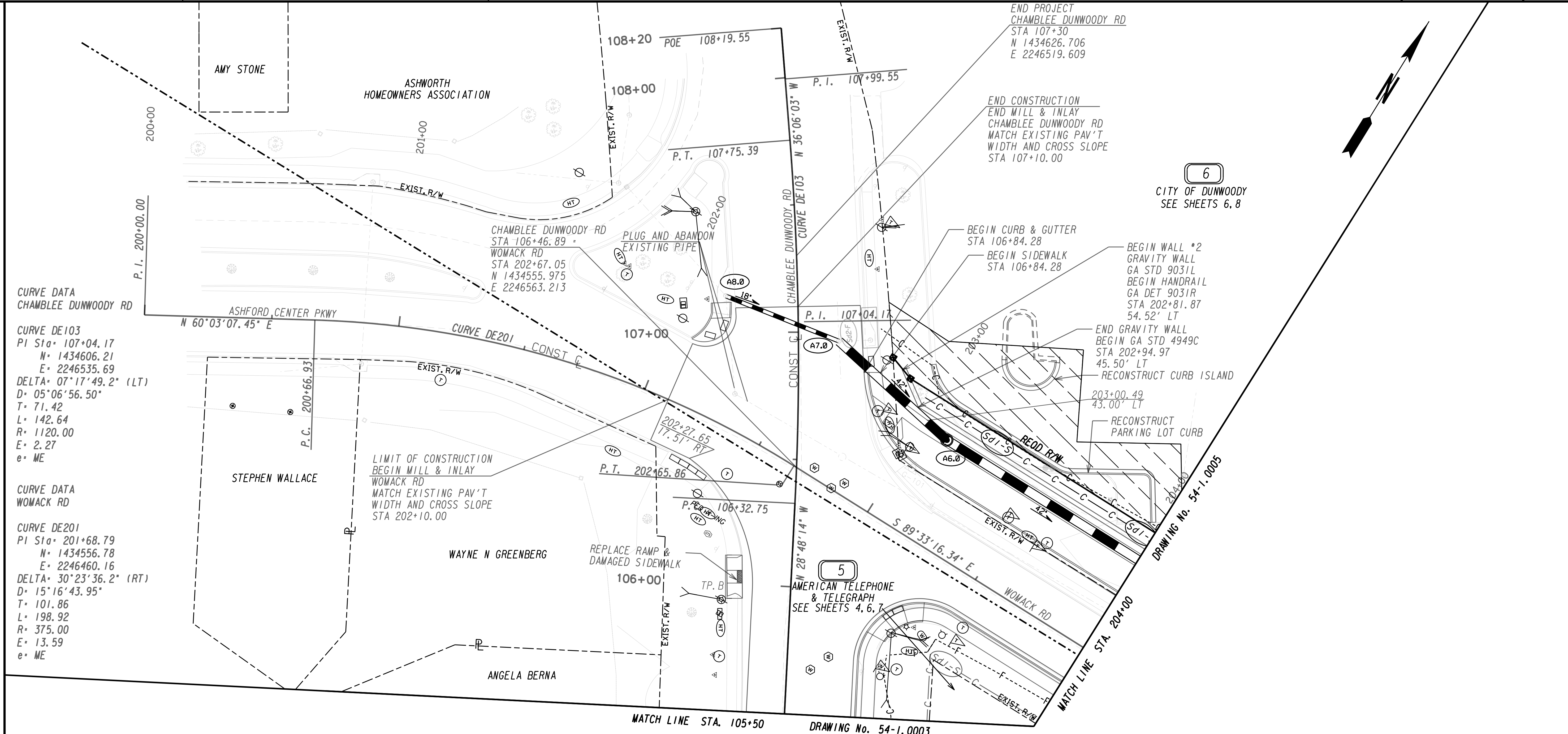
REVISION DATES

BMP LOCATION DETAILS - STAGE 1

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		54-1.0003
VERIFIED:		DATE:		

10/23/2015 GPLN


END PROJECT
CHAMBLEE DUNWOODY RD
STA 107+30
N 1434626.706
E 2246519.609
END CONSTRUCTION
END MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 107+10.00
CITY OF DUNWOODY
SEE SHEETS 6,8
AMY STONE
ASHWORTH
HOMEOWNERS ASSOCIATION
CHAMBLEE DUNWOODY RD
STA 106+46.89
WOMACK RD
STA 202+67.05
N 1434555.975
E 2246563.213
PLUG AND ABANDON
EXISTING PIPE
BEGIN CURB & GUTTER
STA 106+84.28
BEGIN SIDEWALK
STA 106+84.28
BEGIN WALL #2
GRAVITY WALL
GA STD 9031L
BEGIN HANDRAIL
GA DET 9031R
STA 202+81.87
54.52' LT
END GRAVITY WALL
BEGIN GA STD 4949C
STA 202+94.97
45.50' LT
RECONSTRUCT CURB ISLAND
203+00.49
43.00' LT
RECONSTRUCT
PARKING LOT CURB
CURVE DATA
CHAMBLEE DUNWOODY RD
CURVE DE103
PI Sta= 107+04.17
N= 1434606.21
E= 2246535.69
DELTA= 07°17'49.2" (LT)
D= 05°06'56.50"
T= 71.42
L= 142.64
R= 1120.00
E= 2.27
e= ME
CURVE DATA
WOMACK RD
CURVE DE201
PI Sta= 201+68.79
N= 1434556.78
E= 2246460.16
DELTA= 30°23'36.2" (RT)
D= 15°16'43.95"
T= 101.86
L= 198.92
R= 375.00
E= 13.59
e= ME
ASHFORD CENTER PKWY
N 60°03'07.45" E
LIMIT OF CONSTRUCTION
BEGIN MILL & INLAY
WOMACK RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 202+10.00
STEPHEN WALLACE
WAYNE N GREENBERG
ANGELA BERNA
REPLACE RAMP &
DAMAGED SIDEWALK
AMERICAN TELEPHONE
& TELEGRAPH
SEE SHEETS 4,6,7
S 89°33'16.34" E
WOMACK RD
MATCH LINE STA. 105+50 DRAWING No. 54-1.0003
MATCH LINE STA. 204+00 DRAWING No. 54-1.0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET 0 20 40 80

REVISION DATES

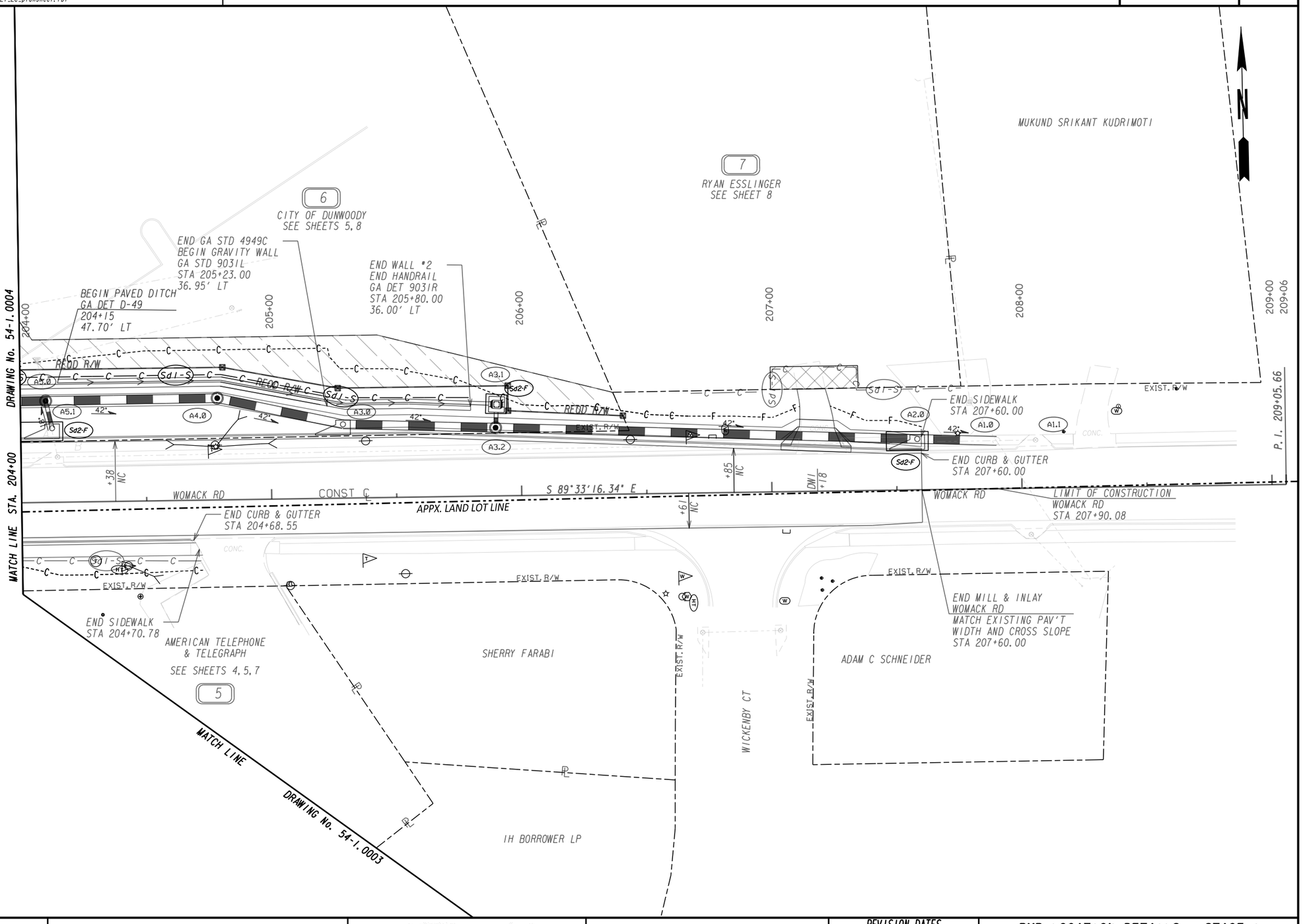
BMP LOCATION DETAILS - STAGE I

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No. 54-1.0004

10/23/2015 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

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES		

BMP LOCATION DETAILS - STAGE 1

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-1.0005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GREAT SOUTH FIVE LLC

EXIST.R/W

EXIST.R/W

JOSEPH T. & JENNIFER P. TREANOR

1
TARTOS HOMES LLC
SEE SHEET 7

2
SEAN HOLMES
SEE SHEET 7

ALEXANDER
M. SLADKY

EXIST.R/W

Sd1-S

Sd2-F

1060

MATCH LINE STA. 95+00 DRAWING No. 54-1A.0002

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 1A

CHAMBLEE DUNWOODY ROAD
AT WOMACK ROAD

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

10/23/2015 GPLN

ALEXANDER
M. SLADKY

RAMI RAO

3

SUSAN & JILL ANN IRWIN
SEE SHEET 7

4

JOHN LOUGHREY KANE
SEE SHEET 7

ANDREW K. MAICHLE

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

MATCH LINE STA. 95+00 DRAWING No. 54-1A.0001

MATCH LINE STA. 100+00 DRAWING No. 54-1A.0003

VALERIE L STEWART

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 1A

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

WILLIAM CARR

ANDREW K. MAICHLE

BEATRICE TETA SZCZERBACKI

JOHN SAENZ

LAUREN WISE

NEAL BAROT

ANGELA BERNA

EXIST. R/W

1090

1095

MATCH LINE STA. 100+00 DRAWING No. 54-1A.0002

MATCH LINE STA. 105+50 DRAWING No. 54-1A.0004

VALERIE L STEWART

TERRY L JEROME

KARTHIK THAMMAIAH

ANA S. GROSSO

ANN MCCORMICK SWEETING

5
AMERICAN TELEPHONE & TELEGRAPH

SEE SHEETS 5, 6, 7

MATCH LINE DRAWING No. 54-1A.0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

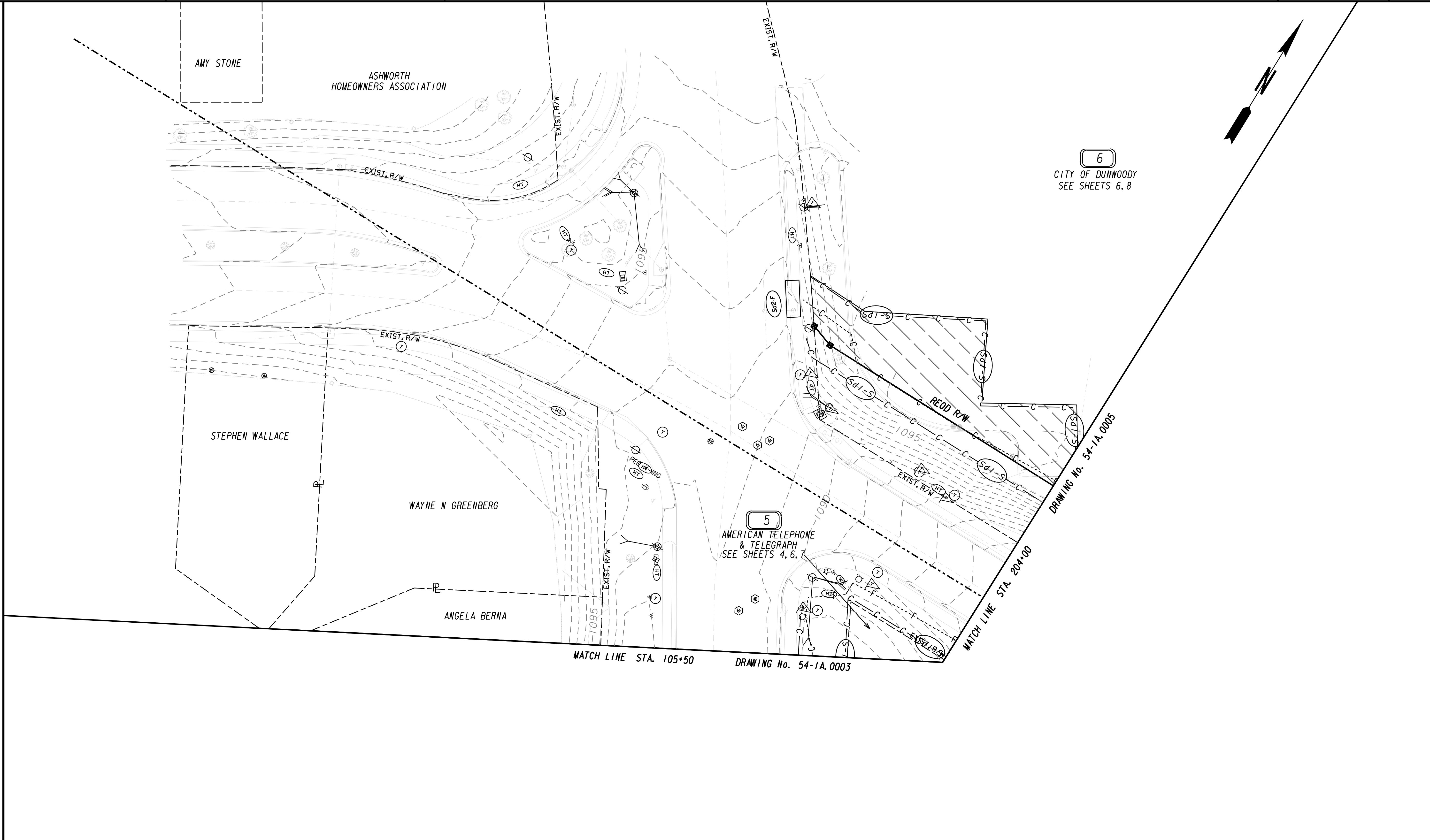
REVISION DATES

BMP LOCATION DETAILS - STAGE 1A

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 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

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

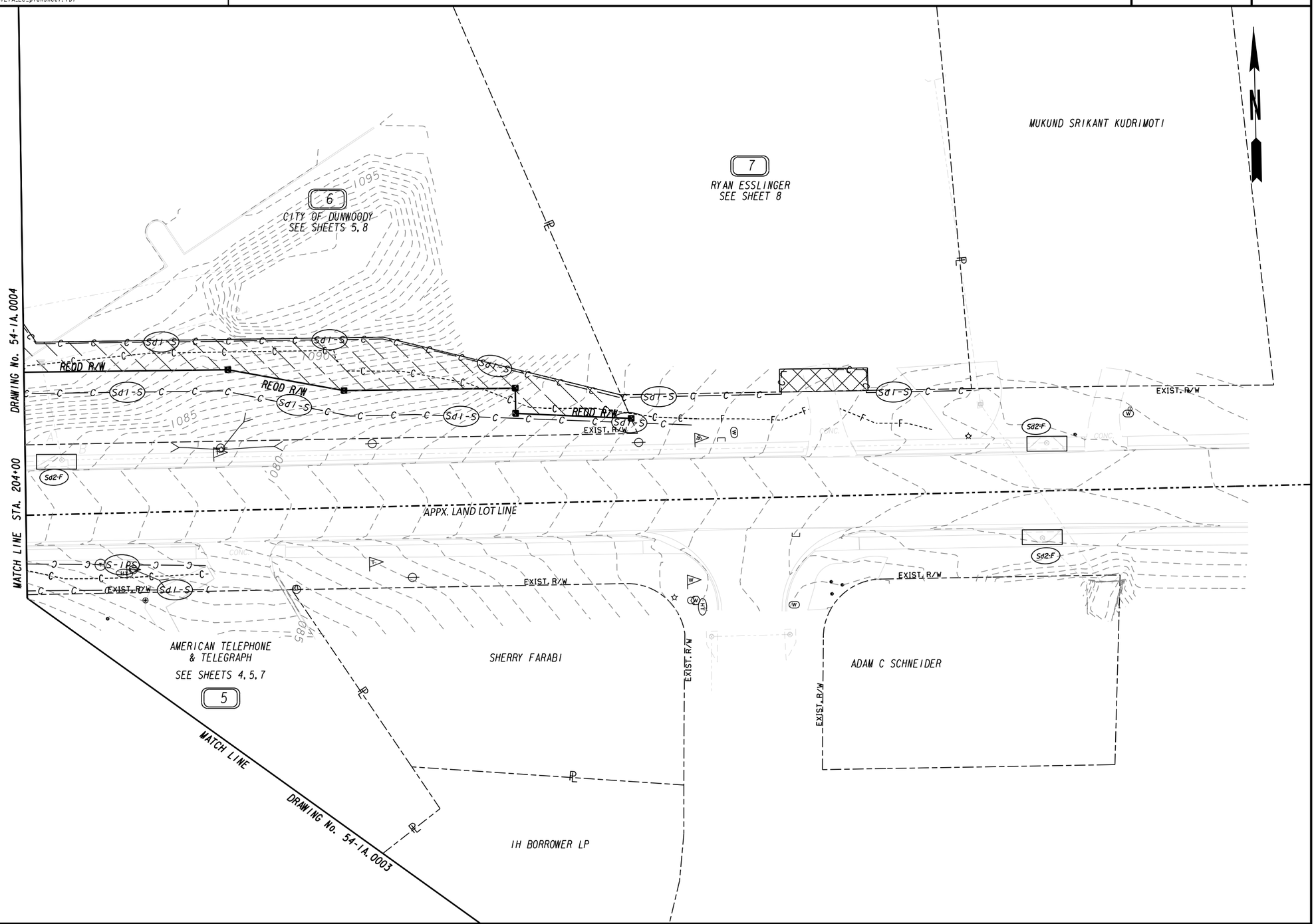
REVISION DATES

BMP LOCATION DETAILS - STAGE 1A

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No.
54-1A.0004



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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 1A

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

10/23/2015 GPLN

GREAT SOUTH FIVE LLC

EXIST. R/W

JOSEPH T. & JENNIFER P. TREANOR

EXIST. R/W

1
TARTOS HOMES LLC
SEE SHEET 7

2
SEAN HOLMES
SEE SHEET 7

ALEXANDER
M. SLADKY

INSTALL SILT FENCE TO FIELD LOCATE EASEMENT AND EXISTING RIGHT OF WAY. CONTRACTOR TO NOT ENTER ONTO PRIVATE PROPERTY.

90+75
91+00
92+00
93+00
94+00
95+00

POB 90+75.00

EXIST. R/W

C1.0

18"

EXIST. R/W

C2.0

N 39°21'27" W

DW5 +79

CURVE DE101

DW4 +35

BEGIN CONSTRUCTION
BEGIN CURB
& GUTTER
STA 91+40.08

P.C. 91+81.93

P.I. 93+82.12

MATCH LINE STA. 95+00 DRAWING No. 54-2.0002

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75
N 1433260.4768
E 2247448.3754

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 2

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		54-2.0001
VERIFIED:		DATE:		

10/23/2015 GPLN

MATCH LINE STA. 95+00 DRAWING No. 54-2.0001

ALEXANDER M. SLADKY

RAMI RAO

3

SUSAN & JILL ANN IRWIN

SEE SHEET 7

4

JOHN LOUGHREY KANE

SEE SHEET 7

ANDREW K. MAICHLE

EXIST. R/W

EXIST. R/W

95+00

96+00

97+00

98+00

99+00

100+00

REPLACE DRIVEWAY TO SECOND JOINT. MATCH EXISTING DRIVEWAY FINISH AND JOINT PATTERN.

CONTRACTOR TO COORDINATE REMOVAL OF 3 CREPE MYRTLE WITH RESIDENT.

DO NOT DISTURB EXISTING FENCE

CONTRACTOR TO WORK WITH RESIDENT TO REMOVE EXISTING SHRUBS

DO NOT DISTURB EXISTING FENCE

EXIST. R/W

EXIST. R/W

C2.0

C3.0

18"

18"

Sd2-F

Sd2-F

DW3 +25

DW2 +22

CURVE DE101

CHAMBLEE DUNWOODY RD

N 35°32'08" W

N 34°53'08" W

P.T. 95+82.17

P.I. 98+41.99

EXIST. R/W

SIDEWALK

SIDEWALK

VALERIE L STEWART

MATCH LINE STA. 100+00 DRAWING No. 54-2.0003

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

Dsl | Ds4 | Ds2

GRASS SODDING BETWEEN BACK OF CURB AND FRONT OF SIDEWALK TYP

GRASS SODDING BETWEEN BACK OF SIDEWALK AND SHOULDER BREAK POINT TYP

Ds3 | Dsl

TYPICAL FOR ALL DISTURBED AREAS

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 2

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-2.0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN

WILLIAM CARR

Ds1 Ds4 Ds2

GRASS SODDING BETWEEN BACK OF CURB AND FRONT OF SIDEWALK TYP

GRASS SODDING BETWEEN BACK OF SIDEWALK AND SHOULDER BREAK POINT TYP

Ds3 Ds1

TYPICAL FOR ALL DISTURBED AREAS

BEATRICE TETA SZCZERBACKI

JOHN SAENZ

LAUREN WISE

NEAL BAROT

ANGELA BERNA

ANDREW K. MAICHLE

MANGET WAY

EXIST. R/W

100+00 101+00 102+00 103+00 104+00 105+00

101+18.16 P.C.

102+30.78 P.I.

103+43.19 P.T.

CONST. ℄ CHAMBLEE DUNWOODY RD

CURVE DE102

N 34°53'08" W

N 28°48'14" W

+5.1 NC

+00 4.0%

+37 NC

C5.0 C4.0 C4.1

5d2-F Sd1-S Sd2-S

MATCH LINE STA. 100+00 DRAWING No. 54-2.0002

MATCH LINE STA. 105+50 DRAWING No. 54-2.0004

BEGIN MILL & INLAY CHAMBLEE DUNWOODY RD MATCH EXISTING PAV'T WIDTH AND CROSS SLOPE STA 100+20.00

BEGIN WALL #1 STA 102+80.00 37.50' RT

END WALL #1 TIE TO EXISTING WALL STA 104+35.00 36.66' RT

VALERIE L STEWART

ANN MCCORMICK SWEETING

TERRY L JEROME

KARTHIK THAMMAIAH

ANA S. GROSSO

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE102
PI Sta: 102+30.78
N: 1434191.21
E: 2246763.88
DELTA: 06°04'54.4" (RT)
D: 02°42'09.47"
T: 112.62
L: 225.03
R: 2120.00
E: 2.99
e: ME

5 AMERICAN TELEPHONE & TELEGRAPH

SEE SHEETS 5, 6, 7

MATCH LINE DRAWING No. 54-2.0005

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 2

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		54-2.0003
VERIFIED:		DATE:		

10/23/2015 GPLN

AMY STONE

ASHWORTH HOMEOWNERS ASSOCIATION

STEPHEN WALLACE

WAYNE N GREENBERG

ANGELA BERNA

AMERICAN TELEPHONE & TELEGRAPH SEE SHEETS 4, 6, 7

CITY OF DUNWOODY SEE SHEETS 6, 8

EXIST. R/W

108+20 POE 108+19.55

108+00

107+00

106+00

200+00

201+00

202+00

203+00

204+00

P. I. 200+00.00

P.C. 200+66.93

P.T. 202+65.86

202+27.65 17.51' RT

P. I. 107+99.55

P.T. 107+75.39

P. I. 107+04.17

P.C. 106+32.75

TP. B

REPLACE RAMP & DAMAGED SIDEWALK

CHAMBLEE DUNWOODY RD STA 106+46.89 - WOMACK RD STA 202+67.05 N 1434555.975 E 2246563.213

PLUG AND ABANDON EXISTING PIPE

CHAMBLEE DUNWOODY RD CURVE DE103 N 36°06'03" W

CONST ℄

ASHFORD CENTER PKWY N 60°03'07.45" E CURVE DE201 CONST ℄

S 89°33'16.34" E WOMACK RD

N 28°48'14" W

REOD R/W

A8.0 18"

A7.0

LIMIT OF CONSTRUCTION
BEGIN MILL & INLAY
WOMACK RD
MATCH EXISTING PAV'T WIDTH AND CROSS SLOPE
STA 202+10.00

END PROJECT
CHAMBLEE DUNWOODY RD
STA 107+30
N 1434626.706
E 2246519.609

END CONSTRUCTION
END MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T WIDTH AND CROSS SLOPE
STA 107+10.00

Ds3 Ds1 TYPICAL FOR ALL DISTURBED AREAS

Ds1 Ds4 Ds2
GRASS SODDING BETWEEN BACK OF CURB AND FRONT OF SIDEWALK TYP
GRASS SODDING BETWEEN BACK OF SIDEWALK AND SHOULDER BREAK POINT TYP

BEGIN CURB & GUTTER STA 106+84.28

BEGIN SIDEWALK STA 106+84.28

BEGIN WALL #2 GRAVITY WALL GA STD 9031L BEGIN HANDRAIL GA DET 9031R STA 202+81.87 54.52' LT

END GRAVITY WALL BEGIN GA STD 4949C STA 202+94.97 45.50' LT

RECONSTRUCT CURB ISLAND 203+00.49 43.00' LT

RECONSTRUCT PARKING LOT CURB

MATCH LINE STA. 105+50 DRAWING No. 54-2.0003

MATCH LINE STA. 204+00 DRAWING No. 54-2.0005

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE103
PI Sta: 107+04.17
N: 1434606.21
E: 2246535.69
DELTA: 07°17'49.2" (LT)
D: 05°06'56.50"
T: 71.42
L: 142.64
R: 1120.00
E: 2.27
e: WE

CURVE DATA
WOMACK RD

CURVE DE201
PI Sta: 201+68.79
N: 1434556.78
E: 2246460.16
DELTA: 30°23'36.2" (RT)
D: 15°16'43.95"
T: 101.86
L: 198.92
R: 375.00
E: 13.59
e: ME

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

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

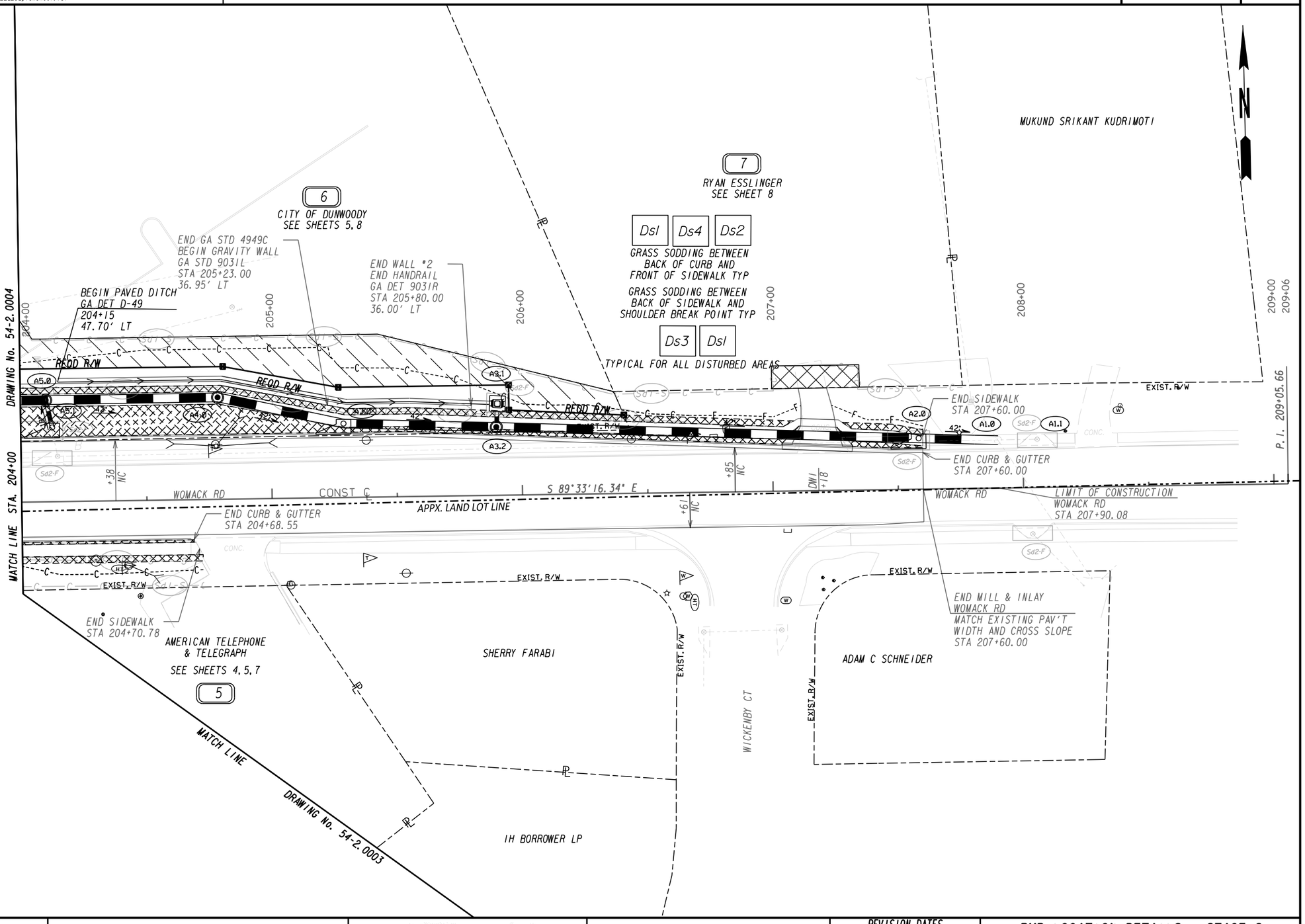
BMP LOCATION DETAILS - STAGE 2

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

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

DRAWING No. 54-2.0004

10/23/2015 GPLN



PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	REQ'D LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D LIMIT OF ACCESS & R/W
EASEMENT FOR CONSTR OF SLOPES	ORANGE BARRIER FENCE
EASEMENT FOR CONSTR OF DRIVES	ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

City of Dunwoody Georgia

AECOM

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS - STAGE 2

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	54-2.0005
VERIFIED:		DATE:	

MARCH CREEK (IMPAIRED STREAM SEGMENT)

PO

CEDARHURST DR

VERNON SPRINGS DR

OAKS

1100

1150

1150

END CONSTRUCTION
N 1434609.9870
E 2246530.5840

END PROJECT
N 1434626.7065
E 2246519.6091

OUTFALL SAMPLING SITE #1
207+90 19 LT

END CONSTRUCTION
N 1434552.2648
E 2246506.3381

END CONSTRUCTION
N 1434552.1423
E 2247056.1474

N

NANCY CREEK TRIBUTARY
(RECEIVING WATERS)

BEGIN CONSTRUCTION
N 1433310.9965
E 2247406.9393

BEGIN PROJECT
N 1433260.4768
E 2247448.3754

OUTFALL SAMPLING SITE #2
92+95 19 LT

DRNG AREA ENTERING
NANCY CREEK TRIBUTARY: .15 SQ MILES

ASHFORD CENTER PKWY

SUMMERFORD DR

MILL BROOK DR

SPRINGFIELD DR

DUN

TOTAL PROJECT AREA = 2.47 ACRES
TOTAL DRAINAGE AREA = 5.51 ACRES
TOTAL DISTURBED AREA = 1.38 ACRES

AECOM

SCALE IN FEET
0 2000 4000 8000

City of Dunwoody Georgia

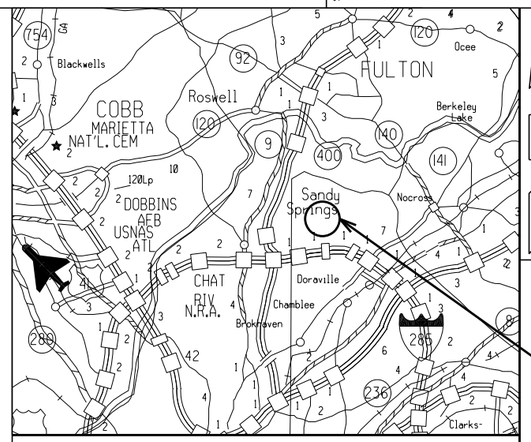
REVISION DATES

WATERSHED MAP SITE MONITORING PLAN
CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		55-0001
VERIFIED:		DATE:		

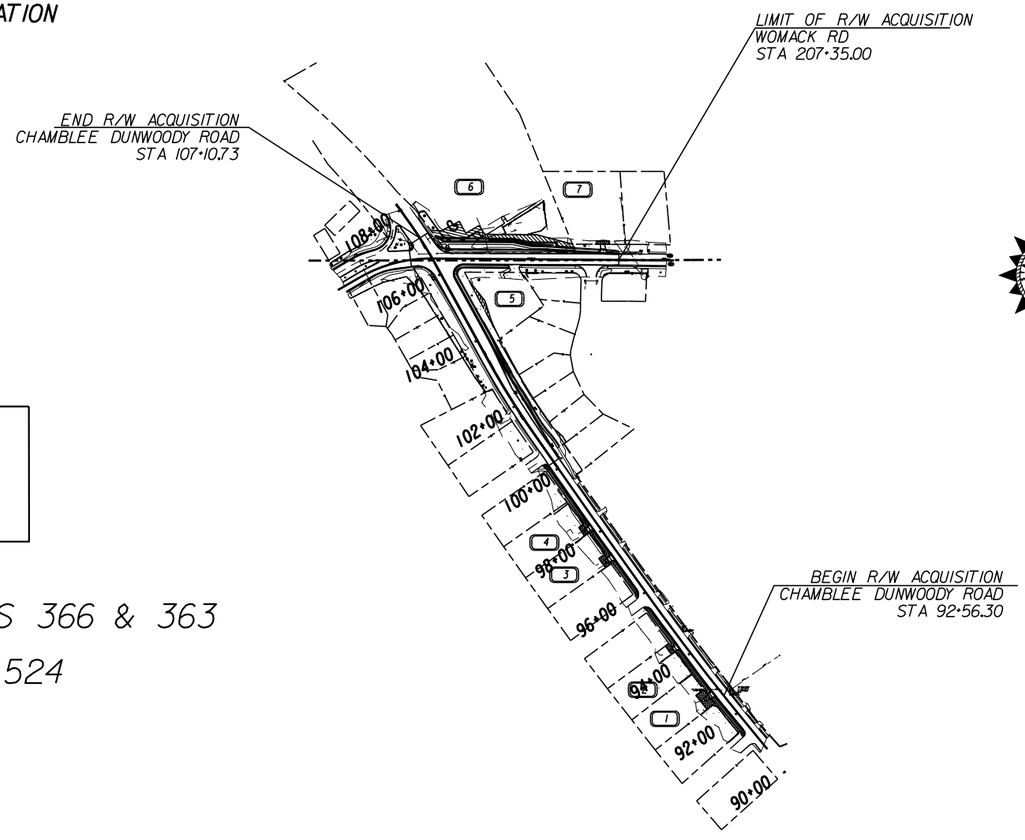
DEPARTMENT OF TRANSPORTATION
CITY OF DUNWOODY

RIGHT OF WAY OF PROPOSED
CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD
INTERSECTION IMPROVEMENTS



LOCATION SKETCH

PROJECT LOCATION



CONVENTIONAL SIGNS

LAND LOT LINE		
PROPERTY LINE		
RIGHT OF WAY LINE	EXISTING	
	REQUIRED	
	EXISTING LIMIT OF ACCESS	
	REQD LIMIT OF ACCESS	
	EXISTING LIMIT OF ACCESS & R/W	
	REQD LIMIT OF ACCESS & R/W	
	R/W MARKERS	⊠
FENCE		

NOTE :
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 DEPARTMENT OF TRANSPORTATION.

FUNCTIONAL CLASS:
URBAN PRINCIPAL ARTERIAL

THIS PROJECT IS 100% IN DEKALB COUNTY AND IS 100% IN CONG.DIST.NO. 6.

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.

GA LAND LOTS 366 & 363

GMD 524

LENGTH OF R/W PROJECT	COUNTY No.089 DEKALB COUNTY Project No.
	MILES
NET LENGTH OF R/W PROJECT	0.2755
NET LENGTH OF EXCEPTIONS	0.0000
GROSS LENGTH OF R/W PROJECT	0.2755

DEKALB COUNTY

City of Dunwoody Georgia

SCALE IN FEET
0 100 200 400

PLANS PREPARED BY
AECOM

UNDER THE SUPERVISION OF

SUBMITTED BY:

APPROVED:
DATE

LOCATION AND DESIGN APPROVAL DATE:

PLANS COMPLETED DATE: 5/3/21

REVISIONS:
8/17/21
9/13/21
10/13/21

DRAWING No.
60-0001

GREAT SOUTH FIVE LLC

JOSEPH T. & JENNIFER P. TREANOR

1 TARTOS HOMES LLC
SEE SHEET 7

2 SEAN HOLMES
SEE SHEET 7

ALEXANDER M. SLADKY

EXIST. R/W

INSTALL SILT FENCE TO FIELD LOCATE EASEMENT AND EXISTING RIGHT OF WAY. CONTRACTOR TO NOT ENTER ONTO PRIVATE PROPERTY.

90+75 | 91+00 | 92+00 | 93+00 | 94+00 | 95+00

DE12004 | DE12005 | DE12006 | DE12007 | DE12008 | DE12009 | DE12010 | DE12011

C1.0 | C2.0

POB 90+75.00

N 39°21'27" W

BEGIN CONSTRUCTION
BEGIN CURB
& GUTTER
STA 91+40.08

BEGIN PROJECT
CHAMBLEE DUNWOODY RD
STA 90+75
N 1433260.4768
E 2247448.3754

CHAMBLEE DUNWOODY RD

CURVE DE101

DW5 +79

DW4 +35

P.C. 91+81.93

P.I. 93+82.12

18"

MATCH LINE STA. 95+00 DRAWING No. 60-0003

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

DATE	REVISIONS	DATE	REVISIONS
9/13/21	PARCEL 1 EASEMENT REMOVED, DRIVEWAY EASEMENT REVISED		
10/13/21	NOTE ADDED FOR PARCEL 1		

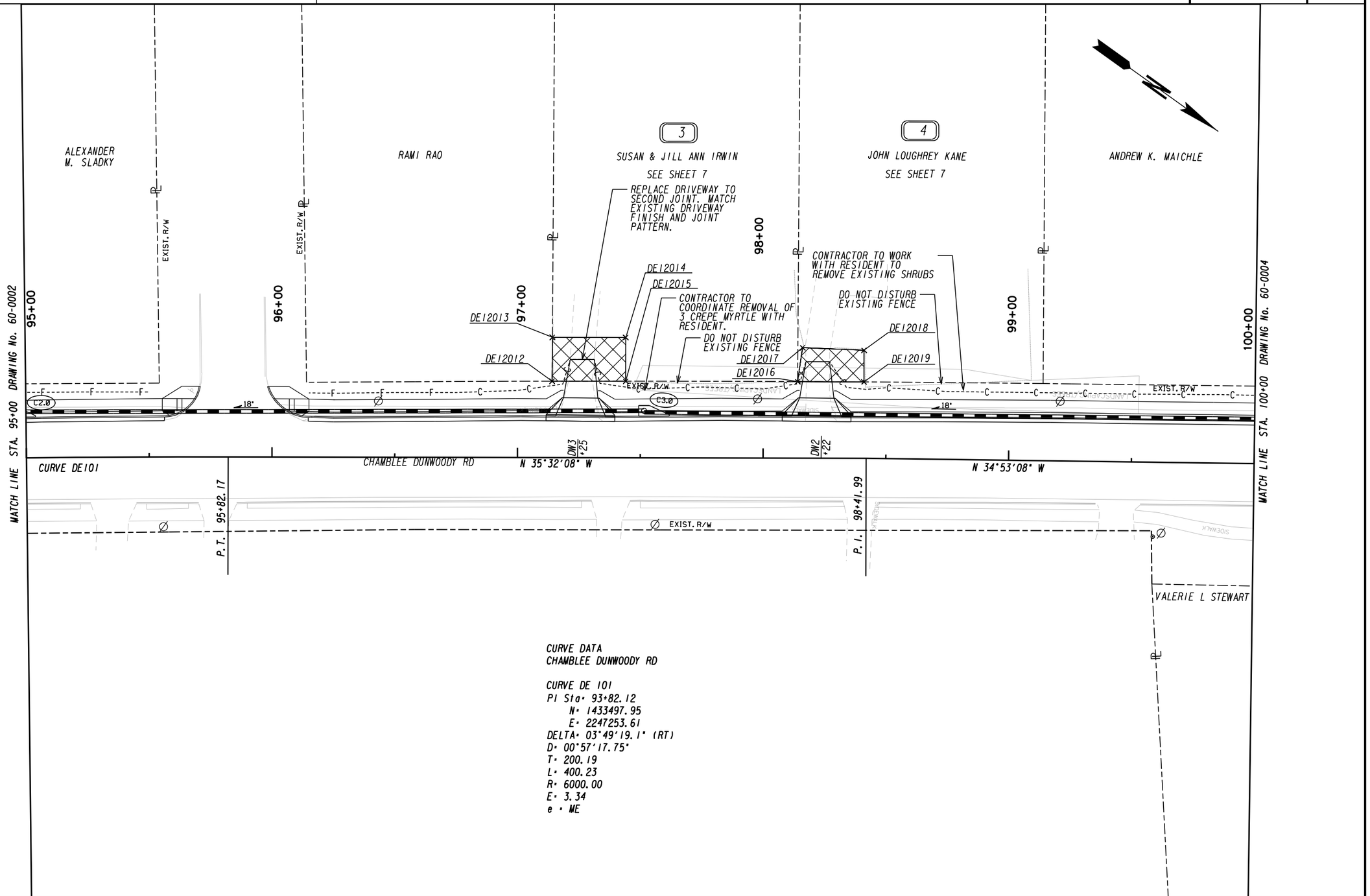
STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO: 5015153S
COUNTY: DEKALB
LAND LOT NO: 356 & 353
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 2 OF 2

DRAWING No. 60-0002

7/31/2015 GRWPLN



CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE 101
PI Sta: 93+82.12
N: 1433497.95
E: 2247253.61
DELTA: 03°49'19.1" (RT)
D: 00°57'17.75"
T: 200.19
L: 400.23
R: 6000.00
E: 3.34
e : ME

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
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

DATE	REVISIONS	DATE	REVISIONS
8/17/21	PARCEL 4 DRIVEWAY EASEMENT REVISED		
10/13/21	DRIVEWAY REVISED AND NOTES ADDED FOR PARCEL 3		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:60615369
COUNTY: DEKALB
LAND LOT NO:366 & 363
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 3 OF 8

DRAWING No. 60-0003

7/31/2015 GAWPLN

WILLIAM CARR

BEATRICE TETA SZCZERBACKI

JOHN SAENZ

LAUREN WISE

NEAL BAROT

ANGELA BERNA

ANDREW K. MAICHLE

EXIST. R/W

MANGET WAY

EXIST. R/W

100+00

101+00

102+00

103+00

104+00

105+00

EXIST. R/W

EXIST. R/W

A&T DUCT (ATUR)

GAS MAIN

C5.0

18"

101+18.16

P.C.

102+30.78

EXIST. R/W

P.I.

DEKALB COUNTY 6" DIP

103+43.19

P.T.

+51 NC

+00 4.0%

CONST ℄

CURVE DE102

CHAMBLEE DUNWOODY RD

N 34°53'08" W

N 28°48'14" W

8" W

+37 NC

37 NC

900 TPATR

C4.1

DEKALB COUNTY 16" DIP

DUNWOODY 12"STR FOC

A&T DUCT ATUR

DEMO EXISTING MASONRY RUBBLE RET. WALL

THSB THSA

A&T DUCT

DE12102

DE12021

DE12022

EXIST. R/W

EXIST. R/W

BEGIN WALL #1
STA 102+80.00
37.50' RT

END WALL #1
STA 104+35.00
37.50' RT

BEGIN MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 100+20.00

VALERIE L STEWART

ANN MCCORMICK SWEETING

TERRY L JEROME

KARTHIK THAMMAIAH

ANA S. GROSSO

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE102
PI Sta: 102+30.78
N: 1434191.21
E: 2246763.88
DELTA: 06°04'54.4" (RT)
D: 02°42'09.47"
T: 112.62
L: 225.03
R: 2120.00
E: 2.99
e: ME

5
AMERICAN TELEPHONE & TELEGRAPH

SEE SHEETS 5, 6, 7

MATCH LINE DRAWING No. 60-0006

MATCH LINE STA. 105+50 DRAWING No. 60-0005

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
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:606I5369
COUNTY: DEKALB
LAND LOT NO:366 & 363
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 4 OF 8

DRAWING No. 60-0004

7/31/2015 GRWPLN

LAND LOT 366
LAND LOT 363
AMY STONE
ASHWORTH HOMEOWNERS ASSOCIATION
200+00
201+00
108+20
108+00
107+00
106+00
EXIST. R/W
P.I. 200+00.00
ASHFORD CENTER PKWY
N 60°03'07.45" E
CURVE DE201, CONST ℄
P.C. 200+66.93
P.T. 202+65.86
P.C. 106+32.75
STEPHEN WALLACE
WAYNE N GREENBERG
ANGELA BERNA
CHAMBLEE DUNWOODY RD
STA 106+46.89 -
WOMACK RD
STA 202+67.05
N 1434555.975
E 2246563.213
PLUG AND ABANDON EXISTING PIPE
202+00
CHAMBLEE DUNWOODY RD
CURVE DE103
N 36°06'03" W
CONST ℄
P.I. 107+04.17
P.I. 107+99.55
P.T. 107+75.39
POE 108+19.55
A8.0
18"
A7.0
A6.0
42"
DE12109
DE12111
DE12110
DE12104
DE11034
DE11036
DE11035
DE11023
72° 4' 48"
203+00
204+00
REQD R/W
EXIST. R/W
N 28°48'14" W
S 89°33'16.34" E
WOMACK RD
DE12021
DRAWING No. 60-0006
MATCH LINE STA. 204+00
MATCH LINE STA. 105+50
DRAWING No. 60-0004

END PROJECT
CHAMBLEE DUNWOODY RD
STA 107+30
N 1434626.706
E 2246519.609

END CONSTRUCTION
END MILL & INLAY
CHAMBLEE DUNWOODY RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 107+10.00

END R/W ACQUISITION
CHAMBLEE DUNWOODY ROAD
STA 107+10.73

LIMIT OF CONSTRUCTION
BEGIN MILL & INLAY
WOMACK RD
MATCH EXISTING PAV'T
WIDTH AND CROSS SLOPE
STA 202+10.00

6
CITY OF DUNWOODY
SEE SHEETS 6, 8

5
AMERICAN TELEPHONE & TELEGRAPH
SEE SHEETS 4, 6, 7

CURVE DATA
CHAMBLEE DUNWOODY RD

CURVE DE103
PI Sta: 107+04.17
N: 1434606.21
E: 2246535.69
DELTA: 07°17'49.2" (LT)
D: 05°06'56.50"
T: 71.42
L: 142.64
R: 1120.00
E: 2.27
e: WE

CURVE DATA
WOMACK RD

CURVE DE201
PI Sta: 201+68.79
N: 1434556.78
E: 2246460.16
DELTA: 30°23'36.2" (RT)
D: 15°16'43.95"
T: 101.86
L: 198.92
R: 375.00
E: 13.59
e: ME

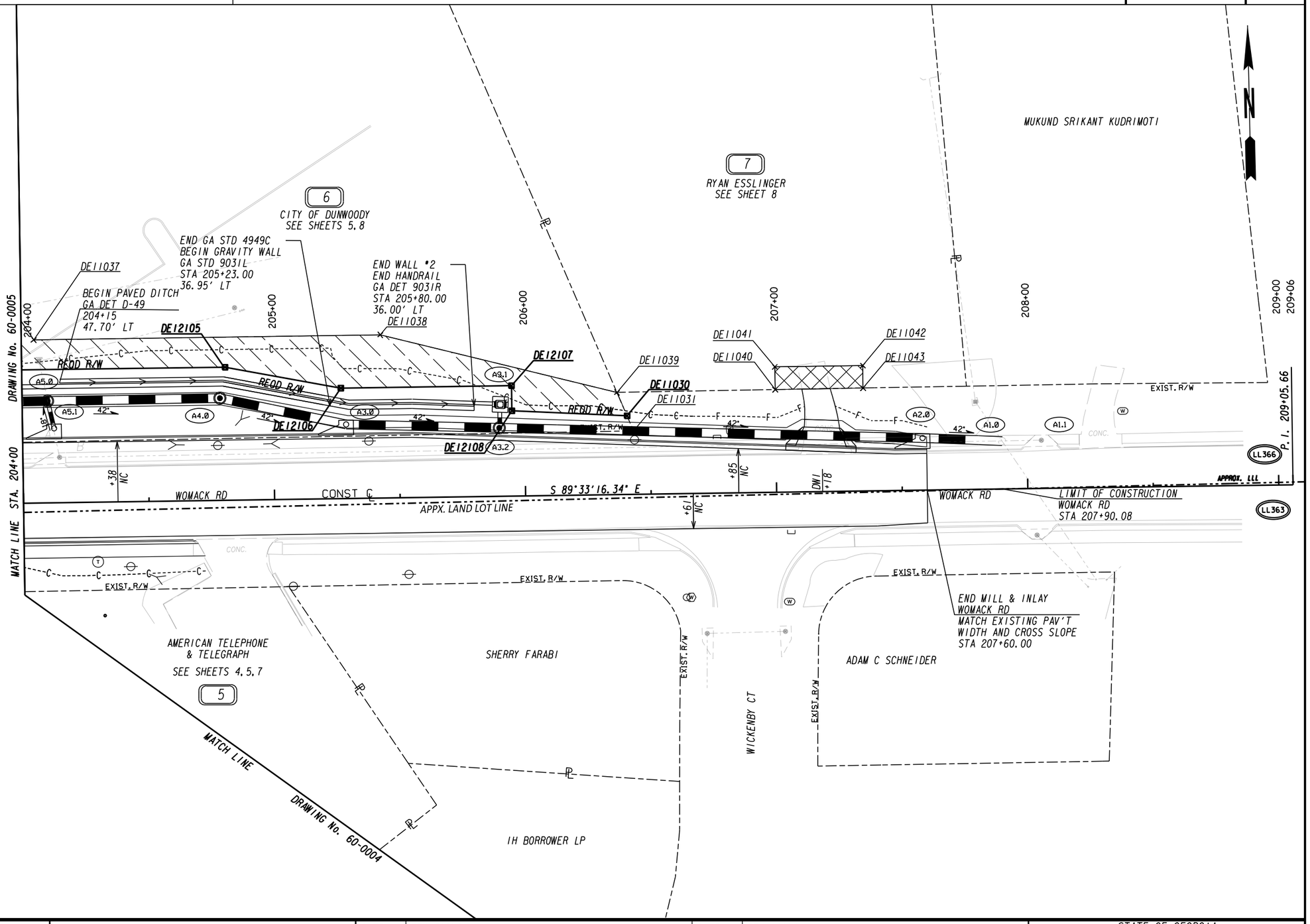
SCALE IN FEET
0 20 40 80

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
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:
COUNTY: DEKALB
LAND LOT NO: 366 & 363
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 5 OF 8
DRAWING No. 60-0005



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
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:60615369
COUNTY: DEKALB
LAND LOT NO:366 & 363
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 6 OF 8

DRAWING No. 60-0006

7/31/2015 GRWPLN

1

TARTOS HOMES LLC
SEE SHEET 2

PARCEL 1 REQ'D DRWY. EASM'T. ESMT2

PNT	OFFSET/		STATION/	ALIGNMENT
DE12004	31.59	L	92+56.30	Chamblee Dunwoody Road
DE12005	57.00	L	92+56.59	Chamblee Dunwoody Road
DE12006	57.00	L	93+03.00	Chamblee Dunwoody Road
DE12007	31.38	L	93+03.00	Chamblee Dunwoody Road
DE12004	31.59	L	92+56.30	Chamblee Dunwoody Road

2

SEAN HOLMES
SEE SHEET 2

PARCEL 2 REQ'D DRWY. EASM'T. ESMT3

PNT	OFFSET/		STATION/	ALIGNMENT
DE12008	30.64	L	94+27.00	Chamblee Dunwoody Road
DE12009	42.00	L	94+27.00	Chamblee Dunwoody Road
DE12010	42.00	L	94+54.74	Chamblee Dunwoody Road
DE12011	30.45	L	94+54.67	Chamblee Dunwoody Road
DE12008	30.64	L	94+27.00	Chamblee Dunwoody Road

3

SUSAN & JILL ANN IRWIN
SEE SHEET 3

PARCEL 3 REQ'D DRWY. EASM'T. ESMT4

PNT	OFFSET/		STATION/	ALIGNMENT
DE12012	31.10	L	97+14.02	Chamblee Dunwoody Road
DE12013	49.00	L	97+14.11	Chamblee Dunwoody Road
DE12014	49.00	L	97+44.00	Chamblee Dunwoody Road
DE12015	31.20	L	97+44.00	Chamblee Dunwoody Road
DE12012	31.10	L	97+14.02	Chamblee Dunwoody Road

4

JOHN LOUGHREY KANE
SEE SHEET 3

PARCEL 4 REQ'D DRWY. EASM'T. ESMT5

PNT	OFFSET/		STATION/	ALIGNMENT
DE12016	31.18	L	98+14.02	Chamblee Dunwoody Road
DE12017	45.00	L	98+16.00	Chamblee Dunwoody Road
DE12018	44.00	L	98+41.00	Chamblee Dunwoody Road
DE12019	31.08	L	98+41.00	Chamblee Dunwoody Road
DE12016	31.18	L	98+14.02	Chamblee Dunwoody Road

5

AMERICAN TELEPHONE
& TELEGRAPH
SEE SHEET 4, 5, 6

PARCEL 5 REQ'D EASM'T. ESMT6

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE12102	54.73	R	104+10.00	Chamblee Dunwoody Road
	140.02		N 27°53'04.2" W	
DE12021	56.98	R	105+50.00	Chamblee Dunwoody Road
	68.89		S 38°00'30.9" E	
DE12022	68.00	R	104+82.00	Chamblee Dunwoody Road
	73.21		S 18°21'51.0" E	
DE12102	54.73	R	104+10.00	Chamblee Dunwoody Road

REQD EASMT = 847.75 SF
REQD EASMT = 0.019 ACRES
TOTAL LOT SIZE = .48 ACRES

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

DATE	REVISIONS	DATE	REVISIONS
8/17/21	PARCEL 4 DRIVEWAY EASEMENT REVISED		
9/13/21	PARCEL 1 EASEMENT REMOVED, DRIVEWAY EASEMENT REVISED		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:
COUNTY:DEKALB
LAND LOT NO: 366 & 363
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 7 OF 8

DRAWING No.
60-0007

6

CITY OF DUNWOODY

SEE SHEETS 5, 6

PARCEL 6 REQ'D R/W REQD1

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE11023	23.82	L	202+99.64	Womack Road
ARC LENGTH = 40.36				
CHORD BEAR = N 34°58'04.6" W				
LNTH CHORD = 40.36				
RADIUS = 1954.00				
DEGREE = 2°55'56.0"				
DE12104	37.16	R	106+90.00	Chamblee Dunwoody Road
	10.74		S 71°02'18.3" E	
DE12111	44.00	R	106+82.00	Chamblee Dunwoody Road
	194.56		S 89°27'57.4" E	
DE12105	53.00	L	204+81.00	Womack Road
	46.87		S 78°29'03.6" E	
DE12106	44.00	L	205+27.00	Womack Road
	68.00		S 89°33'16.3" E	
DE12107	44.00	L	205+95.00	Womack Road
	10.00		S 0°26'43.7" W	
DE12108	34.00	L	205+95.00	Womack Road
	45.93		S 86°12'55.6" E	
DE11030	31.32	L	206+40.86	Womack Road
	6.53		S 22°04'59.5" E	
DE11031	25.29	L	206+43.36	Womack Road
	343.72		N 89°47'58.5" W	
DE11023	23.82	L	202+99.64	Womack Road
REQD R/W = 8307.46 SF				
REQD R/W = 0.191 ACRES				
REMAINDER = +/- 5.9 ACRES				

6

CITY OF DUNWOODY

CONTINUED

PARCEL 6 REQ'D EASM'T. ESMT7

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE12104	56.71	L	202+76.26	Womack Road
ARC LENGTH = 21.73				
CHORD BEAR = N 35°52'41.4" W				
LNTH CHORD = 21.73				
RADIUS = 1954.00				
DEGREE = 2°55'56.0"				
DE12109	35.80	R	107+11.00	Chamblee Dunwoody Road
	27.98		S 88°27'01.4" E	
DE12110	59.00	R	106+96.00	Chamblee Dunwoody Road
	53.07		N 61°56'51.5" E	
DE11034	99.00	L	203+38.00	Womack Road
	36.24		S 27°32'02.4" E	
DE11035	67.00	L	203+55.00	Womack Road
	40.82		N 59°28'54.1" E	
DE11036	88.00	L	203+90.00	Womack Road
	27.46		S 32°39'57.2" E	
DE11037	65.00	L	204+05.00	Womack Road
	138.00		S 89°33'16.3" E	
DE11038	65.00	L	205+43.00	Womack Road
	97.06		S 75°02'59.1" E	
DE11039	40.69	L	206+36.97	Womack Road
	10.14		S 22°04'59.5" E	
DE11030	31.32	L	206+40.86	Womack Road
	45.93		N 86°12'55.6" W	
DE12108	34.00	L	205+95.00	Womack Road
	10.00		N 0°26'43.7" E	
DE12107	44.00	L	205+95.00	Womack Road
	68.00		N 89°33'16.3" W	
DE12106	44.00	L	205+27.00	Womack Road
	46.87		N 78°29'03.6" W	
DE12105	53.00	L	204+81.00	Womack Road
	194.56		N 89°27'57.4" W	
DE12111	53.30	L	202+86.44	Womack Road
	10.74		N 71°02'18.3" W	
DE12104	56.71	L	202+76.26	Womack Road
REQD EASMT = 6977.36 SF				
REQD EASMT = 0.160 ACRES				

7

RYAN ESSLINGER

SEE SHEET 6

PARCEL 7 REQ'D DRWY. EASM'T. ESMT8

PNT	OFFSET/		STATION/	ALIGNMENT
DE11040	40.92	L	207+00.00	Womack Road
DE11041	50.00	L	207+00.00	Womack Road
DE11042	50.00	L	207+35.00	Womack Road
DE11043	41.03	L	207+35.00	Womack Road
DE11040	40.92	L	207+00.00	Womack Road

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

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:
COUNTY:DEKALB
LAND LOT NO: 366 & 363
LAND DISTRICT:
GMD 524
DATE: 5/3/21 SH 8 OF 8

DRAWING No.
60-0008