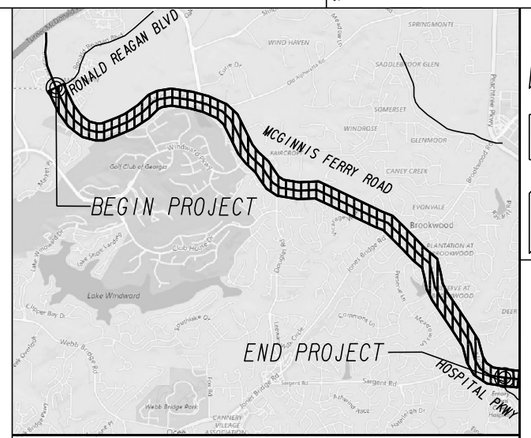
FORSYTH COUNTY

PLAN AND PROFILE OF PROPOSED

MCGINNIS FERRY ROAD/CR 3717 WIDENING

FROM RONALD REAGAN BLVD/UNION HILL RD TO HOSPITAL PARKWAY
FORSYTH AND FULTON COUNTIES



LOCATION SKETCH NTS

DESIGN DATA:
TRAFFIC A.D.T.: 26,200 (2024)
TRAFFIC A.D.T.: 37,700 (2044)
TRAFFIC D.H.V.: 3580 (2044)
DIRECTIONAL DIST: 51/49
% TRUCKS: 2%
24 HR.TRUCKS %: 4%
SPEED DESIGN: 45 mph

LOCATION & DESIGN APPROVAL DATE: 10/17/2019

FUNCTIONAL CLASS:
URBAN ARTERIAL

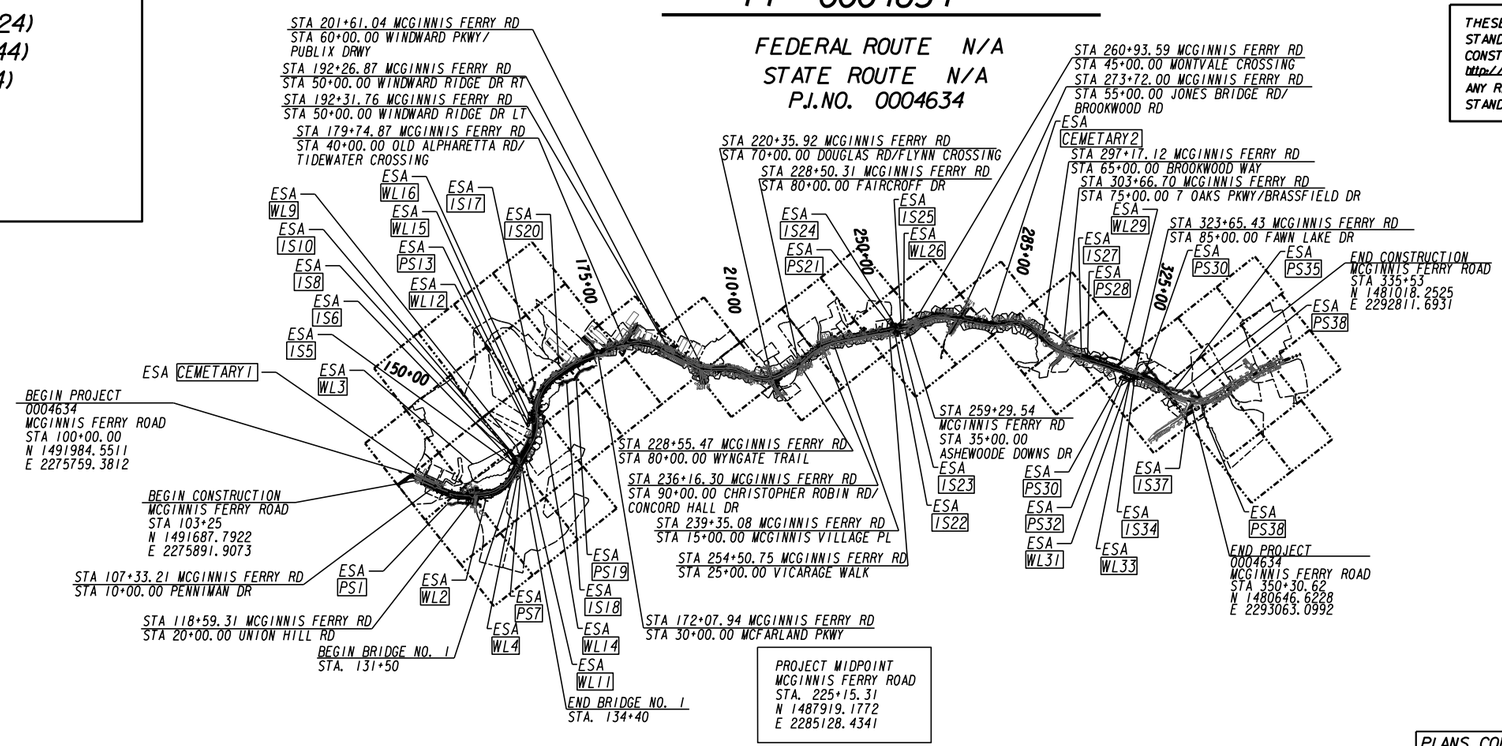
THIS PROJECT IS 50 % IN FULTON COUNTY NO.006, AND IS 50 % IN FORSYTH COUNTY CONG. DIST. NO. 007

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.

PI# 0004634

FEDERAL ROUTE N/A
STATE ROUTE N/A
P.I.NO. 0004634



PROJECT MIDPOINT
MCGINNIS FERRY ROAD
STA. 225+15.31
N 1487919.1772
E 2285128.4341

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2023 CONSTRUCTION STANDARDS AND DETAILS BOOK AND ATTACHED APPLICABLE REVISIONS. THE 2023 CONSTRUCTION STANDARDS AND DETAILS BOOK IS AVAILABLE AT: http://mydocs.dot.ga.gov/Info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx
ANY REVISIONS CONTAINED WITHIN THIS PLAN SET SUPERSEDE THE 2022 CONSTRUCTION STANDARDS AND DETAILS BOOK WHICH THEY REVISE OR IN WHICH THERE IS A CONFLICT.

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

SCALE IN FEET
0 2000 4000 8000

LENGTH OF PROJECT FORSYTH & FULTON COUNTIES	COUNTY NUMBERS: 121 AND 117 PI No.: 0004634
	MILES
NET LENGTH OF ROADWAY	4.686
NET LENGTH OF BRIDGES	0.055
NET LENGTH OF PROJECT	4.741
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	4.741

PLANS COMPLETED DATE 10-27-2022	
REVISIONS 02/06/2023	
1 REV 06/15/2023	
2 REV 06/20/2023	
3 REV 06/23/2023	

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 FORSYTH COUNTY IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

	DATE	DRAWING NO.	REVISION
	02/06/23	06-0015	REVISED FORSYTH COUNTY WATER AND SEWER QUANTITIES
	02/06/23	44-0001-0019, 0026-0028, 0030-0034, 0036, 0038-0046	REVISED FORSYTH COUNTY WATER AND SEWER PLANS
	02/06/23	13-0012	ADDED NOTES TO REMOVE BRICK WALLS
1	06/15/23	06-0001, 44-0003	CLEARING AND GRUBBING ELIMINATED. GRADING COMPLETE ADDED.
1	06/15/23	06-0001, 06-0002, 06-0008, 06-0009, 06-0014	REVISED, ADDED, REMOVED QUANTITIES
1	06/15/23	06-0006, 06-0007	TP II FOUNDATION BACKFILL MATERIAL QNTY REVISED.
1	06/15/23	06-0009	PREFORMED PLASTIC SOLID PVMNT MKG, 8 IN, CONTR PAY ITEM NUMBER REVISED TO 657-6085.
1	06/15/23	20-0001, 20-0002	REVISED NOTE 3, UPDATED PATTERNS ON LEGEND AND PLANS
1	06/15/23	35-0003, 0020, 0023, 0024	REVISED PILE AND CAP QUANTITIES
1	06/15/23	35-0018	REVISED CAP AND BOTTOM BATTER
1	06/15/23	35-0019	REVISED CAP REBAR
1	06/15/23	35-0028, 0029	BENT 1, 2, 5, & 6 REBAR
1	06/15/23	32-0007, 0008, 0009, 0011	ADDED PILE, REVISED DIMENSIONING, REVISED QUANTITIES, REVISED REBAR
1	06/15/23	32-0012, 0013, 0014, 0016, 0017	ADDED PILE, REVISED DIMENSIONING, REVISED QUANTITIES, REVISED REBAR
1	06/15/23	04-0001	ADDED NOTE #20
1	06/15/23	31-0005	REMOVED WALL NOTE
1	06/15/23	31-006A	ADDED DWG# 31-0006A, WALL 19C
1	06/15/23	44-0003	REVISED QUANTITIES
1	06/15/23	44-0004 - 44-0021	ADDED BAR SCALE
1	06/15/23	13-0006	ADDED GUARDRAIL, ADDED FLUME, ADDED 20' UTIL ESMT
1	06/15/23	13-0008, 13-0013	ADDED IMPACT ATTENUATOR
1	06/15/23	13-0016	ADDED GUARDRAIL
1	06/15/23	13-0017	EXTENDED GUARDRAIL
1	06/15/23	24-0007	ADDED 20' UTIL ESMT
1	06/15/23	44-0046	ADDED JACK AND BORE 36"
2	06/23/23	06-0014	REVISED WALL #17 & #18 QUANTITIES
2	06/23/23	06-0015	REVISED WATER & SEWER QUANTITIES, FORSYTH COUNTY
2	06/23/23	04-0001	ADDED NOTE #21
2	06/23/23	06-0007	ADDED FLUME PAYMENT NOTE
2	06/23/23	06-0014, 0015	REVISD TITLE BLOCK REVISION NUMBER
2	06/23/23	13-0020	ADDED FLUME, ADDED 20' UTIL ESMT
2	06/23/23	06-0008	REVISED WATER QUALITY MONITORING TO 48 MONTHS

DATE	DRAWING NO.	REVISION

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

REVISION DATES

REVISION SUMMARY

MCGINNIS FERRY RD

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

DRAWING No.
03-0001

1. A NOTICE OF INTENT (NOI) FOR STORM WATER DISCHARGE IS REQUIRED FOR THIS PROJECT. THE DISTURBED AREA IS 80.54 ACRES.

2. ALL DRIVEWAYS THAT 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. COMMERCIAL 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 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, GRADED AGGREGATE BASE, 6".
CONCRETE - DRIVEWAY CONCRETE, 6 IN THICK, (URBAN SHOULDER) CONC VALLEY GUTTER, 6 IN.

COMMERCIAL:
ASPHALT 165 LB/SY RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 220 LB/SY RECYCLED ASPHALT CONC, 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, GRADED AGGREGATE BASE, 6".
CONCRETE - DRIVEWAY CONCRETE, 8 IN THICK, (URBAN SHOULDER) CONC VALLEY GUTTER, 8 IN.

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

4. THERE IS NO KNOWN SUITABLE PLACE TO BURY EXISTING BRIDGE/CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE AS SHOWN IN GA. SPECIFICATION 201 TO DISPOSE OF EXISTING BRIDGE/CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.

5. ALL ADA WHEELCHAIR RAMPS WITHIN THE RADII SHALL BE 8-INCH CONCRETE, AND SHALL BE PAID UNDER THE BID PRICE FOR 8" CONCRETE SIDEWALK.

6. ALL TEMPORARY DRAINAGE IS TO BE INCLUDED WITH THE BID PRICE. THIS INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL.

7. 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 IN THE RIGHT OF WAY OR DIRECTLY ADJACENT TO THE LIMITS OF DISTURBANCE FOR THE PROJECT. THIS DOES NOT APPLY TO TREES WITHIN THE CONSTRUCTION LIMITS OF DISTURBANCE THAT WILL BE REMOVED OR DESTROYED TO ALLOW FOR CONSTRUCTION.

8. FOR ANY TREES IN THE RIGHT OF WAY OR DIRECTLY ADJACENT TO THE LIMITS OF DISTURBANCE FOR THE PROJECT THAT WILL NOT BE REOMOVED OR DESTROYED TO ALLOW FOR CONSTRUCTION, A PROTECTIVE ZONE MARKED WITH ORANGE BARRIER FENCING WILL BE PLACED OUTSIDE THE DRIP LINE OF EXISTING TREES DURING CONSTRUCTION AND THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION-RELATED ACTIVITIES OR ACCESS OCCUR BEYOND THE ORANGE BARRIER FENCING.

9. ALL TEMPORARY SHORING WILL BE CONSIDERED INCIDENTAL TO GRADING COMPLETE FOR GRADE AND BOUNDARY CONSTRAINTS(EXCLUDING SHORING ON ACCOUNT OF UTILITIES) AND WILL NOT BE MEASURED FOR PAYMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE NEED OF ANY TEMPORARY SHORING FOR WHAT IS SHOWN IS FOR INFORMATIONAL PURPOSES ONLY.

10. THE CONTRACTOR SHALL INSTALL ORANGE FABRIC SAFETY FENCING AS SHOW ON THE CONSTRUCTION PLAN SHEETS TO ENSURE THAT AN ESA IS NOT ADVERSLY IMPACTED DURING PROJECT CONSTRUCTION. NO STAGING OF EQUIPMENT SHALL BE PERMITTED WITHIN THE ENVIRONMENTALLY SENSITIVE BOUNDARIES.

11. ALL EXISTING FENCE WITHIN REQUIRED R/W OR WITHIN THE PERMANENT CONSTRUCTION EASEMENT SHALL BE REMOVED. THE RELOCATION AND/OR COMPENSATION OF THE REMOVED FENCE SHALL BE HANDLED DURING RIGHT OF WAY AQUISITION PROCESS. EXIST FENCE WITHIN TEMPORARY CONSTRUCTION EASEMENT SHALL BE REPLACE IN KIND.

12. THE CONTRACTOR SHALL EXTEND THE CONCRETE SIDEWALK AND MULTI-USE PATH (MUP) TO THE FACE OF PROPOSED RETAINING WALL/BARRIER WHERE EVER THE SPACING BETWEEN THE OUTSIDE EDGE OF SIDEWALK/MUP AND FACE OF WALL IS LESS THAN 2 FEET. WORK FOR EXTENDING THE SIDEWALK TO THE FACE OF THE RETAINING WALL/BARRIER SHALL BE PAID UNDER THE UNIT PRICE FOR SIDEWALK 4" (SY).

13. ALL EXISTING PIPES WITHIN THE PROJECT DISTURBED LIMITS SHALL BE REMOVED UNLESS NOTED OTHERWISE ON PLANS.

14. ALL EXISTING PIPES AND DRAINAGE STRUCUTRES THAT, ARE PROPOSED TO BE RETAINED IN PLACE, SHALL BE CLEANED OUT AT A MINIMUM PRIOR TO STOPPAGE OF TIME. THE ENGINEER MAY REQUIRE EXISTING PIPES AND DRAINAGE STRUCTURES TO BE CLEANED OUT AT OTHER TIMES IF BLOCKAGE OR RESTRICTIONS FOUND. THIS WORK SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR CLEARING AND GRUBBING.

15. ALL EXISTING ABOVE GROUND MONUMENT SIGNS, ENTRANCE SIGNS, AND/OR ADVERTISEMENT SIGNS IN THE MEDIAN AND SHOULDER INSIDE THE RIGHT OF WAY OR IN THE CLEAR ZONE SHALL BE REMOVED. THE RELOCATION AND/OR COMPENSATION OF THESE REMOVED SIGNS SHALL BE HANDLED DURING RIGHT OF WAY AQUISITION PROCESS.

16. THE EXPOSED WALL FACE FOR ALL PROPOSED RETAINING WALLS WITHIN CITY OF ALPHARETTA LIMITS SHALL BE VENEERED. WALLS ALONG THE FRONTAGE OF KENDRIX PARK (PARCELS 47 TRHOUGH 61) SHALL BE BRICK TO MATCH EXISTING SUBDIVSION WALLS/FENCE POSTS. ALL OTHER WALLS WITHIN CITY OF ALPHARETTA LIMITS SHALL BE STACKED STONE TO MATCH EXISTING TIDEWATER SUBDIVISION ENTRANCE DECORATIVE WALLS.

17. TEMPORARY DRAINAGE STRUCTURES NEEDED FOR THE CONSTRUCTION OF A PROJECT, WILL BE DESIGNED, SHOWN AND LABELED IN THE CONSTRUCTION STAGING PLANS. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, PIPES, DROP INLETS,CATCH BASINS, ETC.,THAT ARE UTILIZED ON A TEMPORARY BASIS DURING THE STAGE CONSTRUCTION OF A PROJECT.

18. THE COST OF REMOVAL OF EACH TEMPORARY DRAINAGE STRUCTURE IS INCLUDED IN THE BID PRICE FOR EACH ITEM. THE CONTRACTOR, WITH APPROVAL FROM THE ENGINEER, MAY ABANDON A TEMPORARY DRAINAGE STRUCTURE IF THE STRUCTURE IS FILLED WITH FLOWABLE FILL, WHICH WILL NOT BE PAID FOR SEPARATELY.

19. TEMPORARY CAPPING STRUCTURES AND TEMPORARY CONCRETE DOWELED INTEGRAL CURB FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING SHALL BE INCLUDED IN THE BID PRICE FOR TRAFFIC CONTROL PROJECT P.I.#0004634 LUMP SUM.

△1 20. WHERE WET SUBGRADE IS ENCOUNTERED AND WHERE IDENTIFIED BT THE ENGINEER, UNDERDRAIN PIPE WITH DRAINAGE AGGREGATE SHALL BE PLACED AS DIRECTED BY THE ENGINEER TO AID IN DEWATERING THE SUBGRADE.

△1 21. PAYMENT FOR FLUME & RIP RAP ON PARCEL 39 SHALL BE COVERED UNDER PAY ITEM 500-3200 CLASS B CONCRETE AND 603-2181 STN DUMPED RIP RAP, TP3, 18IN

GENERAL NOTES - STANDARD SIGNS

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.
3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY. IF SIDEWALK IS PROPOSED OR EXISTING, THE SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE SIDEWALK.

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

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

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

5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x ½ INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE ⅜ INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x ½ INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
8. TYPE 9 (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.
9. TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A, R5-1B).
10. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
11. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SIGNING SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.
12. A ½ INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL⅝INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
14. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4 INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.
15. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.
16. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.
17. THE CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

REVISION DATES
△1 06/15/2023
△2 06/23/2023

GENERAL NOTES
MCGINNIS FERRY RD

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

DRAWING No. 04-0001

SUMMARY OF QUANTITIES

SUMMARY OF DRAINAGE QUANTITIES 5 OF 5

STRUCTURE	550-1180 STORM DRAIN PIPE,18 IN H 1-10 (LIN FT)	550-1181 STORM DRAIN PIPE, 18 IN, H 10-15 (LIN FT)	550-1240 STORM DRAIN PIPE, 24 IN H 1-10 (LIN FT)	550-1241 STORM DRAIN PIPE, 24 IN H 10-15 (LIN FT)	550-1300 STORM DRAIN PIPE, 30 IN H 1-10 (LIN FT)	550-1360 STORM DRAIN PIPE, 36 IN H 1-10 (LIN FT)	550-1721 STORM DRAIN PIPE, 72 IN H 10-15 (LIN FT)	BOX CULVERT STORM DRAIN (LIN FT)	207-0203 FOUNDATION BACKFILL MATERIAL TP II (CU YD)	611-8000 ADJUST CATCH BASIN TO GRADE (EACH)	611-8050 ADJUST MANHOLE TO GRADE (EACH)	611-3000 RECONST CATCH BASIN, GROUP 1 (EACH)	611-3010 RECONST DROP INLET, GROUP 1 (EACH)	611-3030 RECONST STORM MANHOLE, GROUP 1 (EACH)	668-1100 CATCH BASIN GP I (EACH)	668-1110 CATCH BASIN GROUP I ADDTL DEPTH (LIN FT)	668-2100 DROP INLET, GP 1 GDOT 1019B TP V (EACH)	668-2110 DROP INLET, GP 1, GDOT 1019B ADDTL DEPTH (LIN FT)	668-2100 DROP INLET, GP1, GDOT 9031S (EACH)	668-2110 DROP INLET, GP1, GDOT 9031S ADDTL DEPTH (LIN FT)	668-4300 STORM SEWER MANHOLE TP1 (EACH)	668-4400 STORM SEWER MANHOLE TP2 (EACH)	668-4311 STORM SEWER MANHOLE TP1 ADDITIONAL DEPTH CL1 (LIN FT)	668-4412 STORM SEWER MANHOLE TP2 ADDITIONAL DEPTH CL2 (LIN FT)	500-3800 CLASS A CONCRETE HEADWALL INCL REINF STEEL (CU YD)	550-4218 FLARED END SECTION 18 IN, STORM DRAIN (EACH)	550-4224 FLARED END SECTION 24 IN, STORM DRAIN (EACH)	550-4230 FLARED END SECTION 30 IN, STORM DRAIN (EACH)	550-3318 SAFETY END SECTION 18 IN, STORM DRAIN (EACH)	603-2018 STN DUMPED RIP RAP, TP 1, 18 IN (SY)	603-2036 STN DUMPED RIP RAP, TP 1, 36 IN (SY)	603-2181 STN DUMPED RIP RAP, TP 3, 18 IN (SY)	603-2182 STN DUMPED RIP RAP, TP 3, 24 IN (SY)	603-2186 STN DUMPED RIP RAP, TP 3, 36 IN (SY)	603-7000 PLASTIC FILTER FABRIC (SY)
V-07	195								16						1																				
V-6C	32								3								1	1																	
V-6B	51								4						1																				
V-6A	27								2												1														
V-06	140								12						1	1																			
V-5A	63								5						1	1																			
V-05			214						20						1	2																			
V-4A	34								3						1																				
V-04			184						17						1	2																			
V-3A																			1																
V-03			38						4						1	1																			
V-02			10						1						1	7																			
V-01																											1							30	30
W-05	42								3						1																				
W-04	248								21						1	2																			
W-3A	42								3						1	1																			
W-03	42								3						1	2																			
W-2A	110								9												1		4												
W-02	44								4						1	1																			
W-1A	51								4								1	1																	
W-01	21								2						1	4																			
W-00														1								1		6											
X-03	220								18						1																				
X-2A	38								3												1		2												
X-02	53								4						1	2																			
X-01	28								2						1	1																			
Y-03	45								4						1	1																			
Y-02	68								6						1																				
Y-01															1	3																			
Z-03	202								17								1	1																	
Z-02	84								7						1	1																			
Z-1A	162								13						1																				
Z-01															1	5																			
AA-05	19								2																	1									
AA-04	151								13						1	3																			
AA-03A							9		4												1		4												
AA-03							110		37						1	5																			
AA-2A	39																1	5																	
AA-02							35		10								1	6																	
AA-01																									9						102				102
AB-09	250								21						1																				
AB-08	250								21						1	2																			
AB-7A	250								21						1																				
AB-07	250								21						1	2																			
AB-6A	250								21						1																				
AB-06	250								21						1	2																			
AB-5A	250								21						1																				
AB-05	250								21						1	2																			
AB-4A	300								25						1																				
AB-04	301								25						1	1																			
AB-3A	175								15						1																				
AB-03	152								13						1	1																			
AB-02	154								13						1	2																			
AB-01	92								8						1	1																			
AD-01															1																				
AC-08												1	2																						
AC-07	141								12								1	1																	
AC-6A	31								3										1																
AC-06	186								15						1																				
AC-5A	131								11						1	1																			
AC-05	32								3						1																				
AC-04	39								3						1																				
AC-03	54								4						1																				
AC-02	38								4						1	1																			
AC-1B	56								5						1	1																			
AC-1A	56								5						1	2																			
AC-01	136								11						1	3																			
AC-00	53								5						1	5																			
TEMP DRNG	256																			7						2									
SUBTOTAL 1	**4639**	**0**	**572**	**140**	**0**	**0**	**0**	**127**	**598**	**0**	**0**	**2**	**0**	**0**	**50**	**63**	**7**	**15**	**4**	**2**	**4**	**0**	**3**	**0**	**5**	**4**	**2**	**0**	**0**	**13**	**32**	**5**	**16**	**0**	**66**
SUBTOTAL 2	**2144**	**684**	**1142**	**104**	**1559**	**492**	**0**	**0**	**546**	**1**	**0**	**1**	**0**	**2**	**50**	**88**	**7**	**23**	**0**	**0**	**4**	**0**	**6**	**10**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**16**
SUBTOTAL 3	**4279**	**0**	**1292**	**460**	**46**	**0**	**0**	**0**	**511**	**0**	**4**	**0**	**1**	**0**	**36**	**64**	**10**	**20**	**6**	**6**	**6**	**5**	**11**	**0**	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**8**	**0**	**0**	**8**
SUBTOTAL 4	**3763**	**252**	**722**	**0**	**1808**	**0**	**0**	**138**	**743**	**2**	**0**	**0**	**0**	**1**	**43**	**80**	**4**	**9**	**9**	**15**	**5**	**1**	**4**	**0**	**0**	**1**	**0**	**1**	**1**	**0**	**7**	**0**	**0**	**0**	**0**
SUBTOTAL 5	**6633**	**0**	**446**	**0**	**0**	**0**	**154**	**0**	**620**	**0**	**0**	**1**	**2**	**1**	**51**	**68**	**6**	**15**	**2**	**7**	**4**	**1**	**10**	**6**	**9**	**3**	**1**	**0**	**0**	**0**	**102**	**0**	**0**	**30**	**132**
TOTAL	**21458**	**936**	**4175**	**704**	**3413**	**492**	**154**	**265**	**3018**	**3**	**4**	**4**	**3**	**4**	**230**	**363**	**34**	**82**	**21**	**30**	**23**	**7**	**34**	**16**	**18**	**9**	**3**	**2**	**2**	**13**	**141**	**13**	**16**	**46**	**222**

550-9000	
LOCATION	VIDEO INSPECTION LF
TOTAL PROJECT:	6200

668-6000	
LOCATION	SPRING BOX EA
TOTAL PROJECT:	10

500-3200	
CLASS B CONCRETE	
CY	1

603-2181	
STN DUMPED RIP RAP TP3, 18IN	
SY	1

NOTE: PAYMENT FOR FLUME ON PARCEL 39 SHALL BE COVERED UNDER PAY ITEM 500-3200 CLASS B CONCRETE AND 603-2181 STN DUMPED RIP RAP, TP3, 18IN

TOTAL 5 OF 5 SHEETS

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

REVISION DATES
06/15/2023
06/23/2023

SUMMARY QUANTITIES
MCGINNIS FERRY RD

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

DRAWING No. 06-0007

SUMMARY OF QUANTITIES

BARRIER FENCE (ORANGE) 643-8200		
DESCRIPTION	LF	
4 FT ORANGE	6012	

TEMPORARY EROSION CONTROL															
PAY ITEM NO.	171-0030	165-0030	163-0528	165-0041	163-0301	165-0101	165-0310	163-0240	163-0232	163-0550	165-0105	163-0502	165-0086	163-0541	165-0110
	TEMPORARY SILT FENCE TYPE C	MAINT OF TEMPORARY SILT FENCE TYPE C	CONSTRUCT AND REMOVE FABRIC CHECK DAM	MAINTENANCE OF CHECK DAMS -ALL TYPES	(CO) CONSTRUCTION EXIT	MAINTENANCE OF CONSTRUCTION EXIT	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA	(DsI) MULCH	(Ds2) TEMPORARY GRASSING	CONSTRUCT & REMOVE INLET SEDIMENT TRAP (Sd2-F)	MAINTENANCE OF INLET SEDIMENT TRAP	(Rt-Sg2) CONSTRUCT & REMOVE SILT CONTROL GATE TP 2	MAINT. OF SILT CONTROL GATE TP 2	CONSTRUCT & REMOVE ROCK FILTER DAMS	MAINTENANCE OF ROCK FILTER DAMS
UNITS	LF	LT	LF	LF	EA	EA	EA	TON	ACRE	EA	EA	EA	EA	EA	EA
TOTAL PROJECT:	60,000	30,000	1 16,520	1 6,000	20	10	5	2000	80	160	160	28	28	22	22

TEMPORARY EROSION CONTROL							
PAY ITEM NO.	163-0503	165-0087	167-1000	167-1500	163-0527	163-0543	165-0112
	(Rt-Sg3) CONSTRUCT & REMOVE SILT CONTROL GATE TP 3	MAINT. OF SILT CONTROL GATE TP 3	WATER QUALITY MONITORING & SAMPLING	WATER QUALITY INSPECTIONS	CONSTRUCT AND REMOVE RIP RAP CHECK DAM	CONSTRUCT & REMOVE STONE FILTER BERM	MAINTENANCE OF STONE FILTER BERM
UNITS	EA	EA	EA	MO	LF	EA	EA
TOTAL PROJECT:	4	4	10	3 48	130	5	5

PERMANENT EROSION CONTROL								
PAY ITEM NO.	700-6910	700-7000	700-8000	700-8100	700-9300	711-0100	713-3001	716-2000
	PERMANENT GRASSING(Ds3)	AGRICULTURAL LIME	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	SODDING (Ds4)	TURF REINFORCEMENT MAT (CH-2TI) TP I	WOOD FIBER BLANKET, TP I, SLOPES	EROSION CONTROL MATS, SLOPES
UNITS	ACRE	TON	TON	LBS	SY	SY	SY	SY
TOTAL PROJECT:	80	600	180	9,500	18,000	1,700	5,520	32,000

NOTE: SODDING TO BE INSTALLED IN THE 2 FOOT AREA BETWEEN EDGE OF PAVING AND SIDEWALK.

SUMMARY OF CONC DITCH PAVING	
	441-0204
	PLAIN CONC DITCH
Location	PAVING, 4 IN
	SY
133+40-140+50 RT	480
140+50-141+50 RT	67
143+75-177+50 RT	139
200+75-201+33 LT	20
248+50-251+50 LT	200
268+00-271+05 LT	213
274+30-279+20 RT	218
326+00-331+30 RT	351
Totals	1688

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

REVISION DATES
1 06/15/2023
3 06/23/2023

SUMMARY QUANTITIES
MCGINNIS FERRY RD

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

DRAWING No. 06-0008

SUMMARY OF QUANTITIES STRUCTURAL ITEMS

SUMMARY OF WALL QUANTITIES

WALL NUMBER	LOCATION	207-0203 FOUND BKFILL MATL, TP II	457-1015 GEOGRID REINF, TYPE C	500-3110 CLASS A CONCRETE, RETAINING WALL - P-1	500-3115 CLASS A CONCRETE, RETAINING WALL - P-2	500-3120 CLASS A CONCRETE, RETAINING WALL - P-3	500-3107 CLASS A CONCRETE, RETAINING WALL	511-1000 BAR REINF STEEL	516-0001 ALUM HANDRAIL, SPECIAL DESIGN	520-1125 PILING IN PLACE STEEL H, HP 12X53	520-1147 PILING IN PLACE, STEEL H, HP 14X73	520-1151 PILING IN PLACE, STEEL H, HP 14X89	520-5000 PILOT HOLES	600-0001 FLOWABLE FILL	603-2024 STONE DUMPED RIP RAP TP 1	603-7000 PLASTIC FILTER FABRIC	607-3000 STONE FACING	621-6210 CONCRETE SIDE BARRIER TYPE 6-S	621-6211 CONCRETE SIDE BARRIER TYPE 6-SA	621-6212 CONCRETE SIDE BARRIER TYPE 6-SB	621-6213 CONCRETE SIDE BARRIER TYPE 6-SC	627-1000 MSE WALL FACE, 0-10 FT HT	627-1010 MSE WALL FACE, 10-20 FT HT	627-1020 MSE WALL FACE, 20-30 FT HT	627-1100 COPING A	627-1120 COPING B	628-0100 PERMANENT SOIL NAILED WALL	643-1152 CH LK FENCE, ZC COAT, 6 FT, 9 GA	573-2006 UNDDR PIPE INCL DRAIN AGGR 6 INCH
		CY	SY	(LIN FT)	(LIN FT)	(LIN FT)	(CY)	(LB)	(LF)	(LF)	(LF)	(LF)	(LF)	(CY)	(SY)	(SY)	(SF)	(LIN FT)	(LIN FT)	(LIN FT)	(LIN FT)	(SF)	(SF)	(SF)	(LF)	(LF)	(LS)	(LF)	(LIN FT)
1	111+00-115+00 LT			400																									400
3	134+41-141+50 RT			240														60	220	200									720
4	141+25-142+55 LT			140																									140
5	174+00-175+00 LT				100																								100
6	174+00-177+50 RT						144																						144
7	178+00-179+75 LT				187																								187
8	185+48-186+40 LT			95																									95
9	197+15-199+00LT																	50	100	35									185
10	200+75-201+32 LT																				60								60
11	206+50-208+03 LT			17														115	50										182
12	208+64-214+51 LT																					721	6710			617			
13	215+12-219+78 LT			125	225																								350
14	224+93-226+10 LT			117																									117
15	239+60-241+57 LT																	150	77										227
16	248+40-252+00 LT								360								5804										1		
17	261+44-266+25 LT						381 (2)	40198 (2)			890 (2)	615	1426 (2)	107 (2)														492	
18	268+00-270+72LT						258 (2)	27065 (2)			580 (2)	520	1073 (2)	63 (2)														283	
19A	280+00-282+50 RT			74	173	9																							256
19B	284+00-286+00 RT			200																									200
19C	287+00-296+00 RT			225	344	110 (1)	174	19001		355	340		665	44														212	679
21A	304+06-308+00 LT			300	100																								400
21B	308+00- 315+00 LT														789	789						3381	3237			700			
22	326+00-331+00 RT																	91	155	175	70								491
23	128+85-131+70 RT	557	1253														1260					666	3036	343	34	261			
TOTAL		**557**	**1253**	**1933**	**1129**	**119 (1)**	**957**	**86264**	**360**	**355**	**1810**	**1135**	**3164**	**214**	**789**	**789**	**7064**	**466**	**602**	**410**	**130**	**4768**	**12983**	**343**	**34**	**1578**	**1**	**987**	**4933**

BRIDGE STA 131+50 - 134+40

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
207-0203	59	CY	FOUND BKFILL MATL, TP II
211-0300	378	CY	BRIDGE EXCAVATION, STREAM CROSSING
500-0100	1547	SY	GROOVED CONCRETE
500-1011	LUMP	LS	SUPERSTR CONCRETE, CL D, BR NO - 1 (1015)
500-3002	(1) 377	CY	CLASS AA CONCRETE
507-9002	1765	LF	PSC BEAMS, AASHTO TYPE II, BR NO - 1
507-9030	893	LF	PSC BEAMS, AASHTO, BULB TEE, 54 IN, BR NO - 1
511-1000	(1) 61712	LB	BAR REINF STEEL
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO - 1 (228713)
520-0573	8	EA	H-PILE POINTS, HP 14 X 73
520-1147	(1) 620	LF	PILING IN PLACE, STEEL H, HP 14 X 73
520-1173	(1) 1970	LF	PILING IN PLACE, STEEL H, HP 14 X 102
520-4147	1	EA	LOAD TEST, STEEL H, HP 14 X 73 (IF REQD)
520-4173	1	EA	LOAD TEST, STEEL H, HP 14 X 102 (IF REQD)
520-5000	2125	LF	PILOT HOLES
523-1100	3	EA	DYNAMIC PILE TEST
540-1101	LUMP	LS	REMOVAL OF EXISTING BR, STA NO - 132+37.00
544-1000	LUMP	LS	DECK DRAIN SYSTEM, BR NO - 1
547-2014	(1) 161	LF	PILE ENCASEMENT, 14 IN PILE
603-2024	1529	SY	STN DUMPED RIP RAP, TP 1, 24 IN
603-7000	1529	SY	PLASTIC FILTER FABRIC
607-3000	2850	SF	STONE FACING

(3) VIBRATION MONITORING

PARCEL NO.	LOCATION	EA
118	MONTVALE CROSSING	1
120	MONTGROVE GLENN	1
129	MONTGROVE GLENN	1
131	MONTGLENN COURT	1
132	MONTGLENN COURT	1
133	MONTGLENN COURT	1
134	MONTGLENN COURT	1
146	MONTGLENN COURT	1
179	TREE LAKE COURT	1
	TOTAL	9

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

REVISION DATES
(1) 06-15-2023
(2) 06-20-2023
(3) 06-23-2023

SUMMARY QUANTITIES
MCGINNIS FERRY RD

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

DRAWING No. 06-0014

SUMMARY OF QUANTITIES WATER & SEWER

WATER & SEWER(FORSYTH COUNTY)

Pay Item	Description	Unit	Qty
205-0001	UNCLASS EXCAV.	CY	4096
600-0001	FLOWABLE MATERIAL	CY	324
603-2024	STN. DUMPED RIP RAP, TP1, 24"	SY	97
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	1
615-1000	JACK OR BORE PIPE, 12" STEEL CASING, 0.375" THICK	LF	50
615-1000	JACK OR BORE PIPE, 16" STEEL CASING, 0.375" THICK	LF	375
2 615-1000	JACK OR BORE PIPE, 36" STEEL CASING, 0.75" THICK	LF	50
670-9255	OPEN CUT STEEL CASING 16", 0.375" THICK	LF	185
670-9260	OPEN CUT STEEL CASING 18", 0.50" THICK	LF	1630
615-1000	JACK OR BORE PIPE, 18" STEEL CASING, 0.50" THICK	LF	1300
660-0324	SAN SEWER PIPE, 24 IN, CONCRETE	LF	165
660-1235	SEWER FORCE MAIN, 12 IN, - DIP	LF	8425
660-1500	SEWER FORCE MAIN, 20 IN, - DIP	LF	605
660-2020	PLUG VALVE, 20"	EA	2
660-2235	PLUG VALVE, 12"	EA	6
660-2435	AIR RELEASE VALVE ASSEMBLY, 12 IN	EA	7
668-3300	SAN SEWER MANHOLE, TP 1	EA	4
668-3311	SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	22
668-3312	SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 2	LF	12
2 670-0039	CONCRETE ENCASMENT	LF	80
670-0800	WATER METER, 3/4 INCH - * * * Requires Special Provision * * *	EA	7
670-0800	WATER METER, 5/8 INCH - * * * Requires Special Provision * * *	EA	3
670-0800	WATER METER, 1 INCH - * * * Requires Special Provision * * *	EA	12
670-0803	WATER METER, 1 1/2 INCH - * * * Requires Special Provision * * *	EA	4
670-0805	WATER METER, 2 INCH - * * * Requires Special Provision * * *	EA	4
670-1060	WATER MAIN, 6 IN DIP * * * Requires Special Provision * * *	LF	575
670-1080	WATER MAIN, 8 IN DIP* * * Requires Special Provision * * *	LF	7354
670-1100	WATER MAIN, 10 IN DIP* * * Requires Special Provision * * *	LF	310
670-1120	WATER MAIN, 12 IN DIP* * * Requires Special Provision * * *	LF	14870
670-1160	WATER MAIN, 16 IN DIP* * * Requires Special Provision * * *	LF	50
670-2002	VALVE MARKER * * * Requires Construction Detail * * *	EA	89
670-2060	GATE VALVE, 6 IN * * * Requires Special Provision * * *	EA	47
670-2080	GATE VALVE, 8 IN * * * Requires Special Provision * * *	EA	34
670-2100	GATE VALVE, 10 IN	EA	7
670-2120	GATE VALVE, 12 IN * * * Requires Special Provision * * *	EA	33
670-2160	GATE VALVE, 16 IN * * * Requires Special Provision * * *	EA	1
670-7220	INSERTION VALVE, 8 IN	EA	1
670-7225	INSERTION VALVE, 10 IN	EA	1
670-7230	INSERTION VALVE, 12 IN	EA	2
670-3087	TAPPING SLEEVE & VALVE ASSEMBLY, 8 IN X 8 IN	EA	1
670-4000	FIRE HYDRANT * * * Requires Special Provision * * *	EA	42
670-5010	WATER SERVICE LINE, 1 IN	LF	114
670-5015	WATER SERVICE LINE, 1-1/2 IN	LF	50
670-5020	WATER SERVICE LINE, 2 IN * * * Requires Special Provision *	LF	300
670-5620	WATER SERVICE LINE, 3/4 IN * * * Requires Special Provision	LF	40
670-9245	Steel Casing 12", 0.375" thick(Total)	LF	50
670-9255	Steel Casing 16", 0.375" thick(Total)	LF	560
670-9260	Steel Casing 18", 0.50" thick(Total)	LF	2939
2	Steel Casing 36", 0.75" thick(Total)	LF	50
2 670-9730	RELOCATE EXISTING WATER METER, INCL BOX	LS	1
670-9737	RELOCATE EXISTING WATER METER, INCL BYPASS AND VAULT, 4 INCH AND LARGER	EA	7
670-9900	REMOVE EXIST WATER METER, INCL BOX * * * Requires	EA	25
670-9910	REMOVE EXIST WATER METER, INCL BOX * * * Requires	EA	45
670-9920	REMOVE EXISTING FIRE HYDRANT * * * Requires Special	EA	35

WATER & SEWER(FULTON COUNTY)

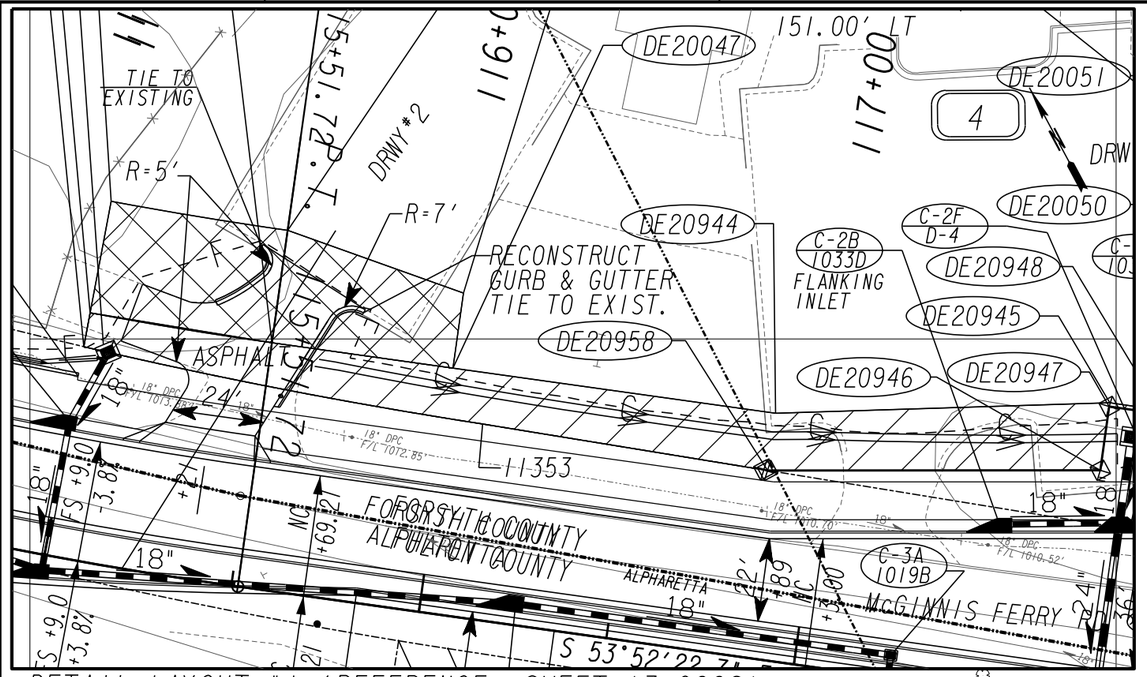
Pay Item	Description	Additional Desc	Unit	Qty
171-0030	TEMPORARY SILT FENCE, TYPE C		LF	3500
500-3001	CLASS CONCRETE, HES		CY	75
610-7015	REMOVE VAULT * * * Requires Special Provision * * *		EA	1
611-8050	ADJUST MANHOLE TO GRADE(611-8050)		EA	1
611-8120	ADJUST WATER METER BOX TO GRADE		EA	5
611-8140	ADJUST WATER VALVE BOX TO GRADE		EA	21
615-1000	JACK OR BORE PIPE	18 IN STEEL, If	LF	75
660-2043	SEWER LATERAL, 6 IN * * * Requires Special Provision * * *	If Recd.	LF	1
660-2050	SEWER LATERAL - * * * Requires Special Provision * * *	8 IN	EA	20
660-0806	SAN SEWER PIPE, 6 IN, DUCTILE IRON* * * Requires Special Provision * * *	If Recd.	LF	1
660-0808	SAN SEWER PIPE, 8 IN, DUCTILE IRON* * * Requires Special Provision * * *		LF	285
668-3300	SAN SEWER MANHOLE, TP 1	Doghouse/MH	EA	4
668-3312	SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 2		LF	78
670-0800	WATER METER - * * * Requires Special Provision * * *	3/4 IN	EA	1
670-1060	WATER MAIN, 6 IN * * * Requires Special Provision * * *	DIP, CL350	LF	100
670-1080	WATER MAIN, 8 IN * * * Requires Special Provision * * *	DIP, CL350	LF	100
670-1100	WATER MAIN, 10 IN * * * Requires Special Provision * * *	DIP, CL350	LF	100
670-1120	WATER MAIN, 12 IN * * * Requires Special Provision * * *	DIP, CL350	LF	2800
670-1650	BACKFLOW PREVENTION ASSEMBLY * * * Requires Special Provision * * *	If Recd.	EA	1
670-2002	VALVE MARKER * * * Requires Construction Detail * * *		EA	9
670-2060	GATE VALVE, 6 IN * * * Requires Special Provision * * *	If Recd.	EA	1
670-2080	GATE VALVE, 8 IN * * * Requires Special Provision * * *	If Recd.	EA	1
670-2100	GATE VALVE, 10 IN	If Recd.	EA	1
670-2120	GATE VALVE, 12 IN * * * Requires Special Provision * * *		EA	4
670-2500	INSERTION VALVE - * * * Requires Special Provision * * *	8 IN	EA	1
670-2500	INSERTION VALVE - * * * Requires Special Provision * * *	12 IN	EA	2
670-2700	ABANDONMENT OF WATER VALVES * * * Requires Special	If Recd.	EA	1
670-3066	TAPPING SLEEVE & VALVE ASSEMBLY, 6 IN X 6 IN * * *	If Recd.	EA	1
670-3086	TAPPING SLEEVE & VALVE ASSEMBLY, 8 IN X 6 IN * * *	If Recd.	EA	1
670-3108	TAPPING SLEEVE & VALVE ASSEMBLY, 10 IN X 10 IN * * *	If Recd.	EA	1
670-3127	TAPPING SLEEVE & VALVE ASSEMBLY, 12 IN X 8 IN * * *	If Recd.	EA	1
670-3128	TAPPING SLEEVE & VALVE ASSEMBLY, 12 IN X 10 IN * * *	If Recd.	EA	1
670-3129	TAPPING SLEEVE & VALVE ASSEMBLY, 12 IN X 12 IN * * *		EA	8
670-4000	FIRE HYDRANT * * * Requires Special Provision * * *		EA	9
670-4450	CONCRETE VAULT - * * * Requires Special Provision * * *		EA	1
670-5000	WATER SERVICE LINE - * * * Requires Special Provision * *	1-1/2 IN	LF	100
670-5010	WATER SERVICE LINE, 1 IN		LF	100
670-5020	WATER SERVICE LINE, 2 IN * * * Requires Special Provision *		LF	100
670-5620	WATER SERVICE LINE, 3/4 IN * * * Requires Special Provision		LF	100
670-5800	WATER METER - * * * Requires Special Provision * * *	Master	EA	1
670-9260	Open Cut Steel Casing 18", 0.50" thick		LF	75
670-9900	REMOVE EXIST WATER METER, INCL BOX * * * Requires		EA	1
670-9920	REMOVE EXISTING FIRE HYDRANT* * * Requires Special Provision * * *		EA	9
670-3107	TAPPING SLEEVE & VALVE ASSEMBLY, 8 IN X 8 IN* * * Requires Special Provision * * *	If Recd.	EA	1
670-3087	TAPPING SLEEVE & VALVE ASSEMBLY, 10 IN X 8 IN* * * Requires Special Provision * * *	If Recd.	EA	1
670-2500	INSERTION VALVE - * * * Requires Special Provision * * *	12 IN, If Reqd.	EA	1
670-9731	RELOCATE BACKFLOW PREVENTION ASSEMBLY * * *		EA	1
670-1600	CUT & PLUG EXISTING WATER MAIN * * * Requires Special		EA	8
610-2370	REMOVE WATER MAIN, 8 IN	If Recd.	LF	100

REVISION DATES
2 02/06/2023
3 06-15-2023
06-23-2023

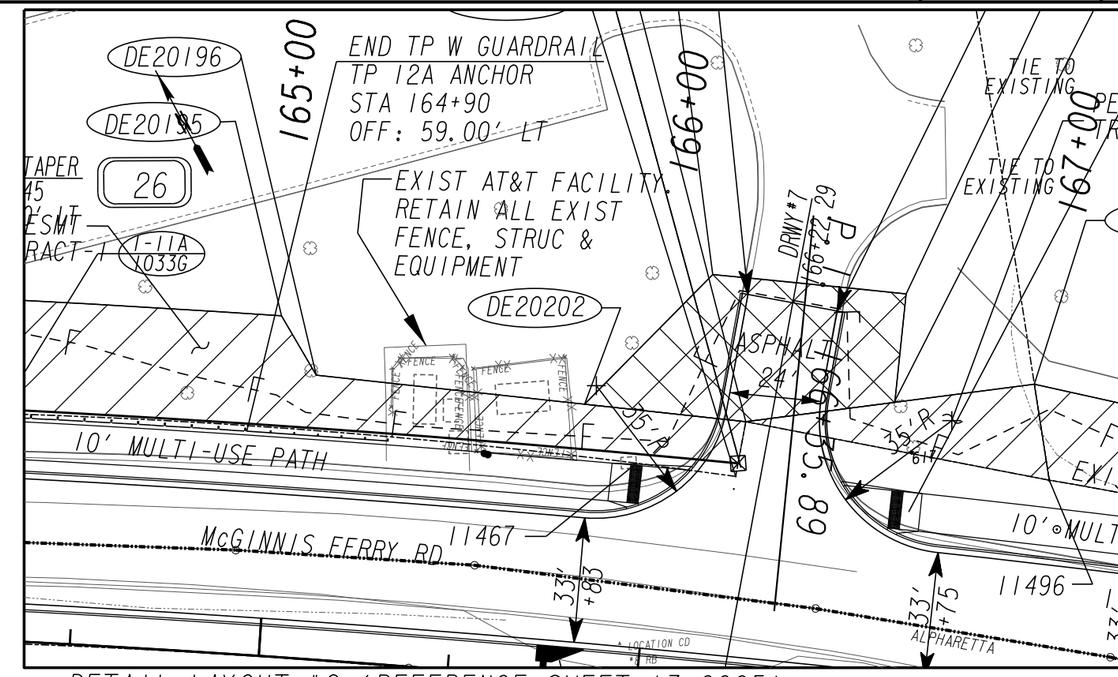
SUMMARY QUANTITIES
MCGINNIS FERRY RD

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

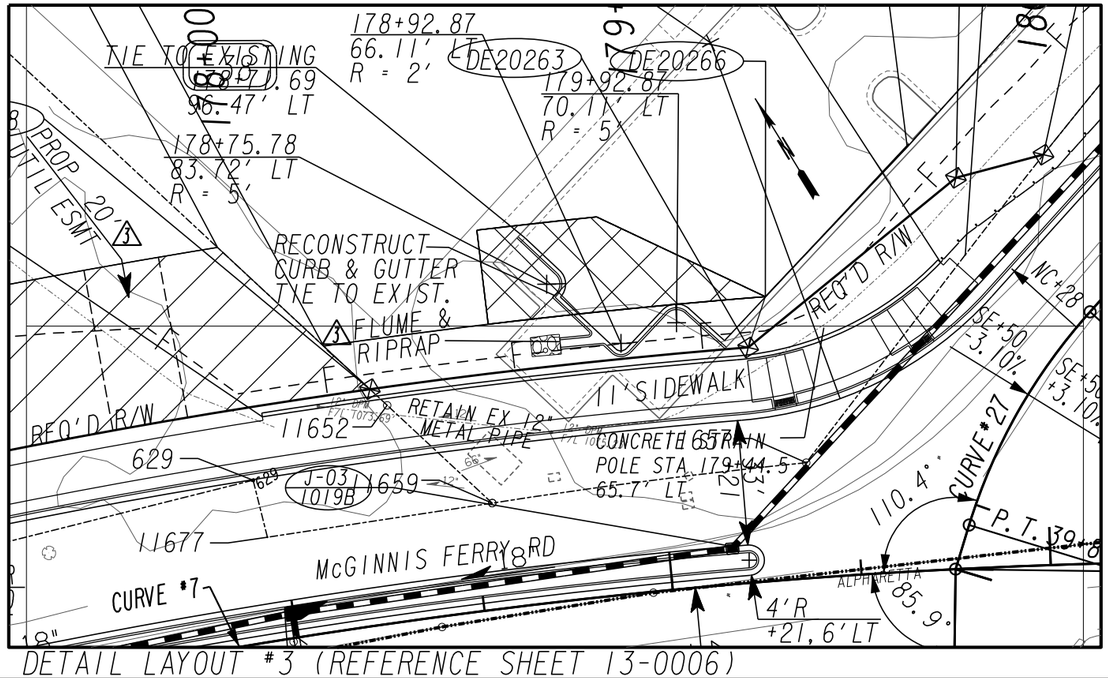
DRAWING No.
06-0015



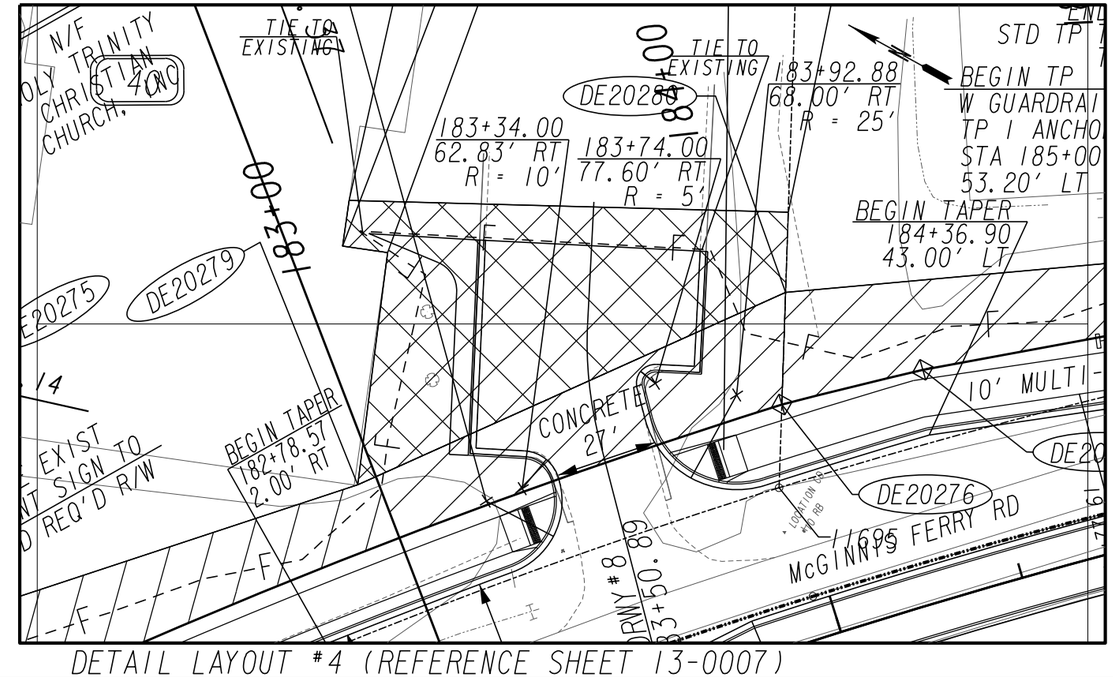
DETAIL LAYOUT #1 (REFERENCE SHEET 13-0002)



DETAIL LAYOUT #2 (REFERENCE SHEET 13-0005)



DETAIL LAYOUT #3 (REFERENCE SHEET 13-0006)



DETAIL LAYOUT #4 (REFERENCE SHEET 13-0007)

ATLAS
2450 Commerce Avenue
Suite 100
Duluth, Georgia 30096
770.263.5945

SCALE IN FEET
0 20 40 80

REVISION DATES		
06/23/2023		

CONSTRUCTION PLAN
MCGINNIS FERRY RD
DETAIL LAYOUT

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-0020
CORRECTED:		DATE:		
VERIFIED:		DATE:		