VOID

WALL QUANTITIES

WALL #1 STA. 208+50.00 TO STA. 209+29.00		
CLASS B CONCRETE, RETAINING WALL	CY	17
GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	78
WALL #2 STA. 224+50.00 TO STA. 228+30.00		
CLASS A CONCRETE, TYPE P1, RETAINING WALL	LF	20
CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	146
CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	215
WALL #3 STA. 225+50.00 TO STA. 226+37.00		
CLASS A CONCRETE, TYPE P1, RETAINING WALL	LF	11
CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	58
CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	35
WALL #4 STA. 226+71.00 TO STA. 227+00.00		
CLASS A CONCRETE, TYPE P1, RETAINING WALL	LF	8
CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	37
WALL #5 STA. 282+60.00 TO STA. 283+81.00		
CLASS B CONCRETE, RETAINING WALL	CY	40
GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	120
WALL #6 STA. 311+00.00 TO STA. 312+30.00		
CLASS A CONCRETE, TYPE P1, RETAINING WALL	LF	4
CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	112
CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	32
WALL #7 STA. 313+80.00 TO STA. 314+50.00		
CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	50
CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	20
WALL #8 MARS HILL RD STA. 322+75.00 TO HODGES MILL RD STA. 46+75.00		
PERMANENT SOIL-NAILED WALL, NO - 1	LS	LS
GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	383
ORNAMENTAL FENCE, 6'	LF	602
WALL #9 STA. 338+10.00 TO STA. 342+00.00		
CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	393
WALL #10 STA. 355+50.00 TO STA. 357+50.00		
CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	200

CLEARING & GRUBBING

LS	STP00-1267-00(008)

EARTHWORK

EXCAVATION (CY)	BORROW (CY)
85404	204470

MISC. ROCK EMBANKMENT

STA TO STA	ROCK EMBANKMENT (CY)
286+41 TO 287+66 LT	370
341+00 TO 345+00 RT	1454
TOTAL	1824

REMOVAL OF SOLID WASTE AS DIRECTED BY ENGINEER

CY	2200

TEMPORARY FENCE QUANTITIES

CH. LK. FENCE, ZC COAT, 6 FT, 9 GA

LOCATION	LF
BEG. STA. 208+10, 177' LT, MARS HILL RD.	
END STA. 214+60, 80' LT	704
BEG. STA. 46+79, 42' RT HODGES MILL RD.	
END STA. 53+59, 68' RT	560
TOTAL	1264

PERMANENT FENCE QUANTITIES

CH. LK. FENCE, ZC COAT, 6 FT, 9 GA

LOCATION	LF
BEG. STA. 208+09, 152' LT, MARS HILL RD.	
END STA. 211+32, 71' LT	364
BEG. STA. 211+81, 70' LT	
END STA. 214+46, 63' LT	269
BEG. STA. 229+76, 77' LT	
END STA. 237+30, 68' LT	766
BEG. STA. 237+50, 68' LT	
END STA. 238+14, 68' LT	70
TOTAL	1469

BRIDGE QUANTITIES

	UNIT	QTY.
GROOVED CONCRETE	SY	1127
SUPERSTR CONCRETE, CL AA, BR NO.-1 (552)	LS	LUMP
CLASS A CONCRETE	CY	97
PSC BEAMS, AASHTO, BULB TEE, 72 IN, BR NO.-1	LF	1923
BAR REINF STEEL	LB	10532
SUPERSTR REINF STEEL, BR NO.-1 (83682)	LS	LUMP
ALUM HANDRAIL, STD. 3626	LF	247
PILING IN PLACE, STEEL H, HP 14 X 89	LF	880
LOAD TEST, STEEL H, HP 14 X 89 (IF REQD)	EA	1
PILOT HOLES	LF	234
REMOVAL OF EXISTING BR., STA. NO. 337+00	LS	LUMP
STN DUMPED RIP RAP, TP. 1, 24 IN	SY	2150
PLASTIC FILTER FABRIC	SY	2150
TEMPORARY BARRIER, METHOD 1	LF	130

CONCRETE BOX CULVERT QUANTITIES

STRUCTURE NUMBER	LOCATION	LENGTH OF BARREL	SIZE	SKEW	BARREL GA STD NO.	DESIGN	BARREL QUANTITIES CONC.	BARREL QUANTITIES STEEL	WINGWALLS AND PARAPETS GA STD NO.	WINGWALLS AND PARAPETS QUANTITIES CONC.	WINGWALLS AND PARAPETS QUANTITIES STEEL	HEIGHT OF FILL	FOUNDATION BACKFILL MATERIAL TYPE 11	ROCK EMBANKMENT	STONE DUMPED RIP RAP TYPE 1, 24"	PLASTIC FILTER FABRIC	APRON GA STD 2332 CONC.	APRON GA STD 2332 STEEL	REM WINGWALLS & PARAPETS
	MARS HILL RD.	LIN. FT.		DEG.			CU. YD.	LBS.		CU. YD.	LBS.	FT.	CU. YD.	CU. YD.	SQ. YD.	SQ. YD.	CU. YD.	LBS.	LS
F1	STA. 232+15	155	DBL 5x6	73°	DC-14, 15, 16	2	178	23962	2312 2325	24	1342		242	520			8	592	
F4	STA. 232+60											15			88	88			
K1	STA. 288+11	172	TRI 8x9	77°	SEE SPECIAL DESIGN 36-1 TO 36-04	2	633	62866		22	3384	15	169		113	113	14	1030	
K4	STA. 287+73			70°					SEE SHT36-02										
						2													
M1	STA. 315+57	207	TRI 8x10	75°	DC-26A		706	79074	DC-0 2327	58	4300	19	203		179	179	9	609	
M4	STA. 315+91																		
	BARBER CREEK DR.																		
P1	STA. 51+28	105	7x7	63°	DC-8	1	82	12796	2332	21	912	10	128		256	256	6	436	
P3	STA. 50+80																		
	MARS HILL RD.																		
Q1	STA. 353+03	8	6x5	45°	DC-5, 6, 7	2	87	1195	2321	7	183	13			47	47	5	357	
Q5	STA. 354+98	34	6x5	45°	DC-5, 6, 7	1	27	3819	2321	7	183	10							1
	TOTALS						1713	183712		139	10304		742	520	683	683	42	3024	1

CONTRACTOR MAY USE PRECAST BOX CULVERTS WITH THE APPROVAL OF THE ENGINEER.
INLET BEVELING REQUIRED PER GA. STANDARD 2332

MISCELLANEOUS QUANTITIES

TRAFFIC CONTROL-PROJECT #STP00-1267-00(008)	LUMP SUM	1
FIELD ENGINEER'S OFFICE TP. 3	EACH	1
GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	890
AGGR SURF CRS	TN	5000
PLAIN CONC. DITCH PAVING, 4IN.	SQ. YD.	265
FLOWABLE FILL	CY	505
CHANGEABLE MESSAGE SIGN, PORTABLE TP. 3	EACH	3
RIGHT-OF-WAY MARKERS	EACH	337
GATE - SPECIAL DESIGN, 6FT X 52FT 9 GAUGE CHAIN	EACH	1
LINK ROLL GATE, MARS HILL RD STA 211+56 LT		
3 FT BAREROOT SEEDLINGS	EA	19
REPARIAN SEEDING (30 LBS/AC)	AC	.37
BARRIER FENCE (ORANGE), 4 FT	LF	3800

Moreland Altobelli Associates, Inc.
2211 Beaver Ruin Road
Suite 190
Norcross, Georgia 30071
Telephone (770) 263-5945

REVISION DATES		
05-16-14		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE:

SUMMARY QUANTITIES

S. R. 53/MARS HILL RD/
OCONEE CONNECTOR

DRAWING No. 6-13