STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	BRZLB-77 (39) COWETA CO.	5	52

REV 4/24/02

SUMMARY OF QUANTITIES

PAVEMENT MARKING QUANTITIES

LOCATION	5" SOLID WHITE	5" SOLID YELLOW				
	LF	LF				
PROJECT TOTAL	1400	1400				

GUARDRAIL QUANTITIES

GA. STDS. 4010, 4011A, 4012D, 4022A, 4040, 4052, 4360

STA. - STA.	SIDE	'W' BEAM	'T' BEAM	END ANCHOR TP 1	END ANCHOR TP 12
		LIN FT	LIN FT	EA	EA
15+25	LT	515		1	
20+40	LT				1
16+55	RT				1
20+40	RT	385		1	
PRECURVED		25			
TOTALS		925		2	2

CONCRETE BOX CULVERT QUANTITIES BRIDGE CULVERT NO. 1

LOCATION	SKEW	LENGTH OF BARREL OR EXTENTION	SIZE	BARREL GA. STD. NO.	DESIGN	WINGWALLS AND PARAPETS GA. STD. NO.	CLASS "A" CONCRETE	BAR REINFORCING STEEL	HEIGHT OF FILL	FONNDATION BACKFILL MATERIAL TYPE II	STONE DUMP RIP RAP TYPE 3, 36 IN.	PLASTIC FABRIC FILTER	APRON QUANTITIES GA. STD. 2332 CLASS "A" CONCRETE	APRON QUANTITIES GA. STD. 2332 BAR REINF. STEEL
		LIN. FT.					CU. YD.	LBS.	FT.	CU. YD.	SQ. YD.	SQ. YD.	CU. YD.	LBS
STA. 18+20.14 RT. - STA. 18+20.14 LT.	90°	81	3-10'X10'	SPEC DESIGN 2	TPL 10-10-20	2327	396.47	52846	11	278	340	340	15.62	1147
TOTALS							396.47	52846		278	340	340	15.62	1147

PIPE CULVERT MATERIALS ALTERNATES

For Piedmont/Blue Ridge Region

TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36: ALUMINUM COATED (TYPE 2) CORR.STEEL	CORRUGATED STEEL AASHTO M-36: PLAIN ZINC COATED	CORRUGATED ALUMINUM AASHTO M-196: PLAIN UNCOATED ALUMINUM	PLASTIC: CORR. POLY-ETHYLENE AASHTO M-252	PLASTIC: CORR. POLY-ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	PLASTIC: POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304
SIDE DRAIN	X	X	X	X		X	X
PERMANENT SLOPE DRAIN		X	X	X		X	X

NOTES:
1. Allowable materials are indicated by an "X".

DRAINAGE QUANTITIES

STRUCTURE NO.	LOCATION	SIDE DRAIN PIPE LF 15"	SIDE DRAIN PIPE LF	SIDE DRAIN PIPE LF 24"	FLARED END SECTION SIDE DRAIN (GA STD 1120) 15"	FLARED END SECTION SIDE DRAIN (GA STD 1120)	FLARED END SECTION SIDE DRAIN (GA STD 1120) 24"	CLASS A CONC INCL REINF STEEL (GA STD 1120 HEADWALL)	CONSTR & REMOVE SILT CON GATE, TP 3	MAINT OF SILT CONTROL GATE, TP 3	
	BETHLEHEM CHURCH RD.	HI-10'		HI-10'	EA		EA	CY	EA	EA	
B2	15+89.3, 37.1' RT			63			1		1	1	
B1	16+62.1, 50.7' RT							1.37			
C2	20+78.5, 31.7' RT	30			1				1	1	
C1	20+15, 40.5' RT				1						
	PROJECT TOTAL	30		63	2		1	1.37	2	2	

ROADWAY QUANTITIES

LOCATION	RECYCLED ASPH CONC 9.5 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	GRADED AGGREGATE BASE COURSE, INCL MATL	BITUMINOUS TACK COAT
BETHLEHEM CHURCH RD.	TON	TON	TON	GAL
PROJECT TOTAL	116	193	840	61

DRIVEWAY QUANTITIES (INCL GA STD 9031H-RURAL TURNOUT)

SHEET NO.	LOCATION	RECYCLED ASPH CONC 9.5 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	GRADED AGGREGATE BASE COURSE, INCL MATL
	BETHLEHEM CHURCH RD.	TON	TON
8-01	16+08 RT	5	24
8-02	20+65 RT	4	19
	PROJECT TOTAL	9	43

EROSION CONTROL

EROSION CONTROL	TEMPORARY GRASSING	MULCH	PERMANENT GRASSING	LIQUID LIME	AGRICULTURAL LIME	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	CONSTR, MAINT. & REMOVE TEMPORARY PIPE SLOPE DRAIN	TEMPORARY SILT FENCE TYPE - A	MAINT. OF TEMPORARY SILT FENCE TYPE - A	TEMPORARY SILT FENCE TYPE - C	MAINT. OF TEMPORARY SILT FENCE TYPE - C	CONSTR. & REMOVE TEMPORARY DITCH CHECKS	MAINT. OF EROSION CONTROL CHECK DAMS/DITCH CHECKS	EROSION CONTROL MAT SLOPES	CONSTRUCTION EXITS	MAINTENANCE OF CONSTRUCTION EXITS
	AC	TON	AC	GAL	TON	TON	LBS	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	SQ YD	EACH	EACH
BETHLEHEM CHURCH ROAD																	
TOTAL	1	6	2	5	4	2	88	162	550	275	120	60	23	23	2900	2	2

AGGREGATE SURFACE COURSE

TO BE USED AS DIRECTED BY THE ENGINEER.	200	TON

FOR USE IN INCLEMENT WEATHER TO FACILITATE THE MOVEMENT OF LOCAL TRAFFIC ALONG ROADWAY CONSTRUCTION AND TO PERMIT INGRESS AND EGRESS AT DRIVES, WHEN USED FOR THIS PURPOSE, SECTION 318 OF GEORGIA STANDARD SPECIFICATIONS IS MODIFIED TO PERMIT TRUCK DUMPING ON UNPAVED AND MUDDY SUBGRADE.

THE CONTRACTOR WILL HAVE THE CHOICE OF THE FOLLOWING MATERIALS;

GRADED AGGREGATE - ART. 815. 01
COARSE AGGREGATE - SIZE - 467 - ART. 800. 01
STABILIZER AGGREGATE - TYPE 1 OR 2 - SECT. 803

REMOVAL OF EXIST. BRIDGE

STA. 18+28	LUMP

TRAFFIC CONTROL-BRZLB-77 (39)

BRZLB-77(39)	LUMP

CONCRETE RIGHT OF WAY MARKERS

GA. STD. 9003

TOTAL	17	EA

GRADING COMPLETE - BRZLB-77 (39)

BRZLB-77 (39)	LUMP

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

	NAME	DATE		NAME	DATE
DESIGNED BY	MH	5-1-01	DRAWN BY	MH	5-1-01
CHECKED BY	RCR	5-1-01	CHECKED BY	RCR	5-1-01

SUPERVISED BY: RCR

COWETA COUNTY BRIDGE REPLACEMENT
SUMMARY OF QUANTITIES
BETHLEHEM CHURCH ROAD OVER NEW RIVER

DRAWING NUMBER 4-01

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6/19/2008 2:38:33 PM \\GDOT-DSN1\GOPLOT\OCF\Road_Design_Tiff-18x12_to_Tiff-36x24.gef asanford Y:\371333-\Construction\371333_0005.tif GO-RD14