SUMMARY OF QUANTITIES
PROJECT BRZLB-77 (38)

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	BRZLB-77 (38) COWETA CO.	7	113

PAVEMENT MARKING QUANTITIES

LOCATION	5" SOLID WHITE	5" SOLID YELLOW	24" SOLID WHITE	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-YELLOW), TP PB
JIM STARR ROAD	LF	LF	LF	LF	LF
	1242	1318	19	296	296
PROJECT TOTAL	1242	1318	19	296	296

GRADING COMPLETE - BRZLB-77 (38)

BRZLB-77 (38)	LUMP

NOTES:
1. THERE IS NO SUITABLE AREA WITHIN THE RIGHT OF WAY OF THIS PROJECT FOR THE DISPOSAL OF ANY PARTS OF THE EXISTING BRIDGE AND ROADWAY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR THE PROPER DISPOSAL.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH ALL NECESSARY MATERIAL PITS ON THIS PROJECT.

TRAFFIC CONTROL-BRZLB-77 (38)

BRZLB-77 (38)	LUMP

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 - SUBSECTION 815.2.01
COARSE AGGREGATE - SIZE - 467 - SUBSECTION 800.2.01
STABILIZER AGGREGATE - TYPE I OR II - SUBSECTION 803.2.01 OR 803.2.02

GUARDRAIL QUANTITIES

GA. STDS. 3054, 4010, 4011A, 4012C, 4012D, 4022A, 4040, 4052, 4270, 4360

STA. - STA.	SIDE	'W' BEAM	'T' BEAM	END ANCHOR TP 1	END ANCHOR TP 12	REMARKS
		LIN FT	LIN FT	EA	EA	
11+91	RT		21			TIE TO BRIDGE
14+00	RT	181		1		
11+97	LT		21			TIE TO BRIDGE
13+75	LT	163			1	
14+46	LT	25		1		PRECURVED
16+50	LT	205			1	
10+25	LT	10				TIE TO BRZLB-77 (34)
10+54	LT		21			TIE TO BRIDGE
10+17	RT	10				TIE TO BRZLB-77 (34)
10+40	RT		21			TIE TO BRIDGE
PROJECT TOTAL		594	84	2	2	

REINFORCED CONCRETE APPROACH SLAB / SPILLWAY

LOCATION	REINF. CONC. APPROACH SLAB WITH ASPHALT INLAY GA. STD. 9017-R	SPILLWAY CONCRETE SPILLWAY, TP 1 GA. STD. 9017J
MCINTOSH TRAIL	SQ YD	EA
10+17 TO 10+47	125	1
11+95 TO 12+25	115	
PROJECT TOTAL	240	1

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	FLARED END SECTION SIDE DRAIN (GA STD 1120)	STONE DUMPED RIP RAP TP 3, 12 IN	SLOPE DRAIN 15 IN	PLASTIC FILTER FABRIC	FLARED END SECTION SLOPE DRAIN (GA STD 1120)	REMARKS
		LF						
		24"	24"				15"	
		H1'-10'	EA	SY	LF	SY	EA	
	JIM STARR ROAD							
D2	15+00 46.2' RT	132	1					
D1	13+75 56.0' RT		1	4		4		
E2	14+94 65.5' RT	99	1					
E1	13+75 57.6' RT		1	4		4		
H2	10+20.59 25.42' RT				12			SPILLWAY
H1	10+29.2 36.5' RT			3		3	1	
	PROJECT TOTAL	231	4	11	12	11	1	

DITCH PROTECTION

STA	SIDE	DEPTH OF PROTECTION	PERMANENT SOIL REINFORCING MAT SQ YD
12+00 TO 13+76	LT	1'	144
17+00 TO 18+24	RT	1'	89
TOTAL			233

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
	TON	TON	TON	GAL
JIM STARR ROAD	132	220	809	69
PROJECT TOTAL	132	220	809	69

CONCRETE RIGHT OF WAY MARKERS

GA. STD. 9003

TOTAL	8	EA

DRIVEWAY QUANTITIES

(INCL GA STD 9031H-RURAL TURNOUT)

LOCATION	RECYCLED ASPH CONC 9.5 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	GRADED AGGREGATE BASE COURSE, INCL MATL	DRIVEWAY CONCRETE 6" THICK
	TON	TON	SY
JIM STARR ROAD			
14+21 LT	12	59	
14+47 RT			203
PROJECT TOTAL	12	59	203

EROSION CONTROL

	MULCH	TEMPORARY GRASSING	PERMANENT GRASSING	AGRICULTURAL LIME	LIQUID LIME	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	CONSTR. & REMOVE TEMPORARY PIPE SLOPE DRAIN	CONSTR. & REMOVE BALED STRAW EROSION CHECK	MAINT. OF BALED STRAW EROSION CHECK	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 SILT CON GATE, TP 3	MAINT OF SILT CONTROL GATE, TP 3	EROSION CONTROL MAT SLOPES	CONSTRUCTION EXITS	MAINT OF CONSTRUCTION EXITS	CONSTR. & REMOVE TEMPORARY DITCH CHECKS	MAINT OF EROSION CONTROL CHECK DAMS/DITCH CHECKS
	TON	ACRE	ACRE	TON	GAL	TON	LBS	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	SQ YD	EACH	EACH	EACH	EACH
JIM STARR ROAD	7	1	2	5	6	2	102	96	196	98	40	20	457	229	2	2	2670	1	1	21	21
PROJECT TOTAL	7	1	2	5	6	2	102	96	196	98	40	20	457	229	2	2	2670	1	1	21	21

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			DRAWN BY		
CHECKED BY			CHECKED BY		
SUPERVISED BY:					

COWETA COUNTY BRIDGE REPLACEMENT
SUMMARY OF QUANTITIES
JIM STARR ROAD OVER CEDAR CREEK

DRAWING NUMBER 4-02

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