STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	BRST-074-1(52)	8	179

SLOPE DRAIN PIPE 15"

LOCATION	SIDE	LENGTH (LIN FT.)
STA. 112+50	RT.	41
STA. 112+50	LT.	60
STA. 115+85	LT.	52
STA. 115+85	RT.	50
STA. 119+65	LT.	38
STA. 119+65	RT.	30
STA. 124+10	LT.	20
AS DIRECTED BY ENG.		95
TOTAL		386

PLASTIC FILTER FABRIC

LOCATION	SIDE	SQ. YD
STA. 123+91	LT.	10
STA. 127+91	LT.	8
STA. 130+55	LT.	7
STA. 107+42	RT.	4
STA. 128+51	RT.	16
TOTALS		45

RIP RAP, TP 3, 12"

LOCATION	SIDE	SQ YD
STA. 123+91.36	LT.	10
STA. 127+91.42	LT.	8
STA. 130+55.41	LT.	7
STA. 107+42	RT.	4
STA. 128+51	RT.	16
TOTALS		45

SIDE DRAIN PIPE

STATION	SIDE	LIN. FT. 15"	LIN. FT. 18"	LIN. FT. 24"	LIN. FT. 30"	SAFETY END SECTION-EACH STD. 1122 15"	18"	24"	30"
STA. 100+06	LT.		22				2		
STA. 100+87	RT.		24				2		
STA. 106+57	LT.		34				2		
STA. 127+39	LT.		35				2		
TOTALS			115				8		

METAL DRAIN INLET COMPLETE ASSEMBLY

AS DIRECTED BY ENGINEER — 3 EACH

CLASS "B" CONCRETE

DESCRIPTION	CU. YDS.
CONC. APRON STA. 112+50 LT.	0.16
CONC. APRON STA. 112+50 RT.	0.16
CONC. APRON STA. 115+85 LT.	0.16
CONC. APRON STA. 115+85 RT.	0.16
CONC. APRON STA. 119+65 LT.	0.16
CONC. APRON STA. 119+65 RT.	0.16
CONC. APRON STA. 124+09.74 LT.	0.16
PIPE PLUG STA 107+06.49	4.58
AS DIRECTED BY ENGINEER	0.30
TOTAL	6.00

CONCRETE SPILLWAY, TP 1

GA. STD. 9017-J

4 — EA

SUMMARY OF DRAINAGE QUANTITIES

STRUCTURE NUMBER	LOCATION	PIPE CULVERTS LINEAR FEET 18" 1-10'	PIPE CULVERTS LINEAR FEET 24" 1-10'	APPROXIMATE GRADE OF PIPE %	MAXIMUM HEIGHT OF FILL OVER PIPE FEET	FOUNDATION BACK FILL MAT'L CY TYPE II	FOUNDATION BACK FILL MAT'L YDS TYPE III	GA STD END SECTION 1122, 1120 18" S.E.S. EA	24" S.E.S. EA	18" F.E.S. EA	24" F.E.S. EA
B-1, 2	STA. 123+91		16.0	0.65	8.7				1		1
C-1, 2	STA. 127+91	10.0		4.89	7.9			1		1	
D-1, 2	STA. 130+55			1.53	3.0			2			
	TOTAL	10.0	16					3	1	1	1

ALLOWABLE PIPE MATERIAL

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 TYP "S"	PLASTIC: POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304
STORM DRAIN	LONGITUDINAL INTERSTATE AND TRAVEL BEARING			X						
STORM DRAIN	LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING			X	X		X		X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤10%	ADT<250	X	X	X	X		X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤10%	250<ADT<1500	X	X *		X			
STORM DRAIN	CROSS DRAIN	GRADE ≤10%	ADT>1500	X						
STORM DRAIN	CROSS DRAIN	GRADE >10%	ADT<250		X	X	X		X	X
STORM DRAIN	CROSS DRAIN	GRADE >10%	ADT>250				X			
SIDE DRAIN				X	X	X	X		X	X
PERMANENT SLOPE DRAIN					X	X	X		X	X
PERFORATED UNDERDRAIN					X	X	X	X	X	

* THIS TYPE PIPE CAN BE USED IF THE ADDITION OF TYPE "B" COATING (AASHTO M-190, HALF BITUMINOUS COATED WITH PAVED INVERT) IS UTILIZED.

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EARTH TECH
1455 OLD ALABAMA ROAD, SUITE 170
ROSWELL, GEORGIA 30076
(770) 990-1400

DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

PROJECT: SR 85/74 OVER RED OAK CREEK
COUNTY: MERIWETHER
DATE:

DRAWING NUMBERS 6-02