

# SUMMARY OF QUANTITIES

SURFACING QUANTITIES					
ITEMS	UNIT	SR 18 & DRIVEWAY	DETOUR RD	AS DIRECTED BY ENGINEER	TOTAL
RECYCLED ASPHALT CONC., 9.5mm SUPERPAVE	TN	528	182	40	750
RECYCLED ASPHALT CONC., 19mm SUPERPAVE	TN	657	295	49	1000
ASPHALTIC CONCRETE LEVELING*	TN	761	172	46	980
MILLING-VARIABLE DEPTH**	SY	49	1022	59	1130
BITUM. TACK COAT	GL	599	136	35	770
PAVEMENT FABRIC REINFORCEMENT STRIPS	LF	2464	0	126	2590
GRADED AGGREGATE BASE COURSE	TN	1441	1518	301	3260

\* LEVELING INCLUDES ASPHALT USED FOR SUPER BUILD-UP ON DETOUR ROAD.  
 \*\* MILLING INCLUDES REMOVAL OF SUPER BUILD-UP FOR DETOUR ROAD.

SUMMARY OF DRIVEWAY QUANTITIES				
* NOTE: FOR INFORMATION ONLY; SEE SURFACING QUANTITIES BLOCK.				
LOCATION	AREA	9.5 mm ASPHALT CONC.	GAB, 6"	
STATION & SIDE	SO. YD.	TON	TON	
509+06 LT	182	13	62	
506+28 RT	68	5	23	
<b>TOTAL</b>		18	85	

SIGNING AND MARKING				
ITEMS	UNIT	QNTY	AS DIRECTED BY ENGINEER	TOTAL
5" SOLID WHITE TRAFFIC STRIPING	LF	2993	157	3150
5" SKIP YELLOW TRAFFIC STRIPING	GLF	1497	73	1570
8" PREFORMED PLASTIC W/ CONTRAST (YELLOW SKIP)	GLF	404	26	430
8" PREFORMED PLASTIC W/ CONTRAST (WHITE)	LF	808	42	850
DELINEATORS, TP 2, WHITE	EA	12	8	20
RAISED PAVEMENT MARKERS, TP1	EA	570	10	580
SIGN MATERIAL, TYPE 9	SF	14	1	15
SIGN MATERIAL, TYPE 3	SF	8	2	10
SIGN POST, TYPE 7	LF	84	16	100
MILE MARKERS	EA	2	0	2

DRAINAGE				
ITEMS	UNIT	QNTY	AS DIRECTED BY ENGINEER	TOTAL
18" SIDE DRAIN PIPE	LF	40		40
SAFETY FLARED END SECTION	EA	2		2
18" SIDE DRAIN PIPE FOR STAGE 1 & 2 DRAINAGE	LF	153		153
SIDE SAFETY FLARED END SECTION FOR STAGE 1 & 2 DRAINAGE	EA	2		2

GUARDRAIL QUANTITIES					
GA. STDS. 4000W, 4010, 4011A, 4052, 4360, 4013					
GUARDRAIL "W" BEAM		ANCHORAGES		GUARDRAIL "T" BEAM	
LOCATION & SIDE	LIN FT	TP 1	TP 12	TP 6	LOCATION & SIDE
507+83 RT				1	513+66 RT
	583				
513+66 RT					513+96 RT
509+18 LT		1			513+42 LT
	424				
513+42 LT					513+72 LT
518+31 RT					518+01 RT
	662				
524+93 RT		1			518+31 RT
518+07 LT					517+77 LT
	622				
524+29 LT			1		518+07 LT
<b>TOTALS</b>	<b>2291</b>	<b>2</b>	<b>2</b>		<b>TOTALS</b>
					<b>120</b>

\* GA. STD. 4012D \* GA. STD. 4040  
 NOTE: THE ACTUAL BEGINNING AND ENDING OF GUARDRAIL MAY BE ADJUSTED TO MEET FIELD CONDITION, AS DIRECTED BY THE ENGINEER.

AGGREGATE SURFACE COURSE	
AS REQUIRED	100 TONS

FOR USE IN INCLEMENT WEATHER TO FACILITATE THE MOVEMENT OF LOCAL TRAFFIC ALONG ROADWAY CONSTRUCTION AND TO PERMIT INGRESS & 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  
 ALL MATERIALS TO BE USED AS DIRECTED BY THE ENGINEER

CONCRETE SPILLWAY-GA. STD. 9017J-TP3		
LOCATION	SIDE	EACH
512+68	LT	1
512+94	RT	1
517+86	LT	1
518+12	RT	1
<b>TOTAL</b>		<b>4</b>

REINFORCED CONCRETE APPROACH SLAB	
GA. STD. 9017-R	
LOCATION	REINFORCED CONCRETE APPROACH SLAB INCL SLOPED EDGE & SUBBASE
EAST ABUTMENT	150
WEST ABUTMENT	150
<b>TOTALS</b>	<b>300</b>

SHORING		
STATION	SIDE	LF
609+00 DETOUR	RT	120
612+50 DETOUR	RT	45
<b>TOTAL</b>		<b>165</b>

REMOVAL OF EXISTING BRIDGE	
STA 516+00	LUMP SUM

ASPHALTIC CONCRETE CURB		
5" x 8" GA. DETAIL D-26		
STATION TO STATION	SIDE	LIN. FT.
508+00 TO 513+40	LT	540
509+50 TO 513+67	RT	417
518+10 TO 524+30	LT	620
518+30 TO 524+90	RT	660
AS DIRECTED BY ENGINEER		43
<b>TOTAL</b>		<b>2280</b>

CONCRETE SPILLWAY		
GA. STD. 9017J-TP4		
STATION	SIDE	EACH
508+34	RT	1
<b>TOTAL</b>		<b>1</b>

CONCRETE RIGHT- OF- WAY MARKERS	
GA. STD. 9003	
EACH 8	TOTAL

ATTENUATOR TERMINAL, GA STD 4960	
TOTAL	3 EA

24 FT X 260 FT DETOUR BRIDGE	
BRST0-0005-01(032)	LUMP SUM

43.25 FT X 405 FT BRIDGE #1	
SEE BRIDGE NO. 1 PLANS	

GRADING COMPLETE	
BRST0-0005-01(032)	LUMP SUM

GRADING COMPLETE INCLUDES ALL REQUIRED DEMOLITION, CLEAR & GRUB, AND EXCAVATION & BORROW.

TRAFFIC CONTROL	
BRST0-0005-01(032)	LUMP SUM

SPRING BOX	
AS REQUIRED	2 EACH

6" PERFORATED PIPE UNDERDRAIN INCLUDING DRAINAGE AGGREGATE	
AS REQUIRED	100 LIN. FT.

TEMPORARY CONCRETE BARRIER	
METHOD 1 GA. STD. 4961	
LOCATION	LIN. FT.
508+91 TO 515+00 LT	610
517+58 TO 523+25 LT	570
513+84 TO 515+00 RT	112
517+58 TO 518+07 RT	51
AS DIRECTED BY ENGINEER	57
<b>TOTAL</b>	<b>1400</b>



REVISION DATES	
5/11/2010	
7/09/2010	

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: CONSULTANT DESIGN  
**Summary of Quantities**

SR 18 BRIDGE  
 OVER POTATO CREEK