

<b>TRAFFIC CONTROL</b>	
BR000-0000-00(301)	
LUMP SUM	1

<b>FIELD ENGINEER'S OFFICE- TYPE 3</b>	
BR000-0000-00(301)	
LUMP SUM	1 EACH

TOWNS COUNTY WATER RELOCATION	
ITEMS	QUANTITY BRIDGE *1
JACK AND BORE PIPE - STEEL CASING, 14 IN. 0.250 W.T.	LF 40
WATER MAIN, 8 IN	LF 1912
GATE VALVE, 6 IN	EA 1
GATE VALVE, 8 IN	EA 11
FIRE HYDRANT	EA 1
WATER SERVICE LINE, ¾ IN	LF 270
STEEL CASING, 14 IN. 0.250 IN W.T.	LF 150
RELOCATE EXIST WATER METER, INCL BOX	EA 2

<b>* GRADING COMPLETE</b>	
BR000-0000-00(301)	
LUMP SUM	1

\* INCLUDES CLEARING AND GRUBBING (9 AC. EST.)  
SEE SECTION 210 - GA. STD. SPECIFICATIONS  
(ESTIMATED EARTHWORK: 3,870 CU. YDS.  
UNCL. EXCAVATION AND 24,208 CU. YDS. OF  
EMBANKMENT). A 0% SHRINKAGE FACTOR HAS  
BEEN APPLIED TO CUT & EMBANKMENT QUANTITIES.

<b>CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3 AS DIRECTED BY ENGINEER</b>	
TOTAL PROJECT	2 EA

**SUMMARY OF PAVEMENT QUANTITIES**

LOCATION	RECYCLED ASPH. CONC. 9.5mm SUPERPAVE, GP 2 ONLY, INCL. BITUM. MAT. L. & H. L. LINE	RECYCLED ASPH. CONC. 19mm SUPERPAVE, GP 1 OR 2, INCL. BITUM. MAT. L. & H. L. LINE	RECYCLED ASPH. CONC. 25mm SUPERPAVE, GP 1 OR 2, INCL. BITUM. MAT. L. & H. L. LINE	GRADED AGGREGATE BASE	BITUM. TACK COAT	DRIVEWAY CONC. 6" THICK
	TON	TON	TON	TON	GAL	SY
ROADWAY	580	570	1990	3450	1350	
TEMPORARY	10				10	
DRIVEWAY	110	80	310	730	180	128
UNDER GUARDRAIL	86	137		417	183	
AS DIRECTED BY ENGINEER	14	13	100	103	77	12
<b>TOTAL</b>	<b>800</b>	<b>800</b>	<b>2400</b>	<b>4700</b>	<b>1800</b>	<b>140</b>

<b>AGGREGATE SURFACE COURSE</b>	
AS REQUIRED	2000 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.

<b>PVMT REINF. FABRIC STRIPS, TP 2, 18" WIDE</b>	
LOCATION	LF
12+75 TO 17+31	456
31+32 TO 36+50	518
<b>TOTAL</b>	<b>974</b>

<b>REINF CONC APPROACH SLAB GA STD 9017R</b>	
LOCATION	SY
22+81 TO 23+11	142
25+08 TO 25+38	142
<b>TOTAL</b>	<b>284</b>

<b>ASPHALTIC CONCRETE LEVELING</b>	
AS REQUIRED	350 TONS

<b>MILLING 1¼" DEPTH</b>	
STA 12+75 TO 13+00	105 SYDS
STA 37+25 TO 37+50	70 SYDS
<b>TOTAL</b>	<b>175 SYDS</b>

<b>ASPHALTIC CONC SPILLWAY- GA DET D-26 WITH METAL DRAIN INLET</b>					
LOCATION	SIDE	TYPE	EACH	SLOPE DRAIN PIPE 18" LIN. FT.	APRON CONC. C. Y. CLASS B
STA 22+43 SR 17/75	RT	TP 2	1	50	0.17
<b>TOTALS</b>			<b>1</b>	<b>50</b>	<b>0.17</b>

<b>CONCRETE SPILLWAY-GA. STD. 9017J</b>					
LOCATION	SIDE	TYPE	EACH	SLOPE DRAIN PIPE 18" LIN. FT.	APRON CONC. C. Y. CLASS B
STA 22+87 SR 17/75	BOTH	TP 2	2	88	0.34
STA 25+16 SR 17/75	BOTH	TP 1	2	104	0.34
AS DIRECTED BY ENGR				20	
<b>TOTALS</b>			<b>4</b>	<b>212</b>	<b>0.68</b>

<b>GUARDRAIL QUANTITIES</b>					
LOCATION & SIDE	TYPE W GUARDRAIL 31" HT	TYPE T GUARDRAIL	TYPE I2 ANCHORAGE 31" HT	TYPE I1 ANCHORAGE 31" HT	ASPH CONC CURB 5"
	L.F.	L.F.	EA.	EA.	L.F.
17+00 TO 20+10 LT	320		1	1	
20+81 TO 23+12 LT	244	21		2	
21+63 TO 23+12 RT	130	21	1		120
25+08 TO 25+45 LT	40	21		2	
25+08 TO 25+37 RT	25	21		2	
25+90 TO 28+42 LT	270		1	2	
<b>TOTAL</b>	<b>1029</b>	<b>84</b>	<b>3</b>	<b>9</b>	<b>120</b>

SEE GA STDS 4380, 4381, 4382, 4383, 4384, & 4385, 4386, & 4388. SEE GA DETAIL D-26 FOR ASPHALT CURB.  
NOTE: THE ACTUAL BEGINNING AND ENDING OF GUARDRAIL MAY BE ADJUSTED TO MEET FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

<b>TURF REINF MAT</b>		
LOCATION	TP 1 SQ YDS	TP 2 SQ YDS
13+50 TO 16+00 LT		326
16+75 TO 18+50 LT		228
18+50 TO 20+58 LT		302
21+25 TO 23+50 LT		393
16+50 TO 20+58 RT		626
20+75 TO 23+36 RT		543
26+05 TO 28+35 RT	638	
AS DIRECTED BY ENGR	12	82
<b>TOTAL SQ YDS</b>	<b>650</b>	<b>2500</b>

<b>RIP-RAP, TP 1</b>		
LOCATION	SIDE	SQ YDS TP 1, 24"
STA 16+00 TO 16+75	LT	110
STA 29+30	RT	55
AS DIRECTED BY ENGINEER		10
<b>TOTALS</b>		<b>175</b>

<b>BARRIER FENCE (ORANGE), 4 FT</b>	
TOTAL	2250 LF

<b>CONCRETE RIGHT- OF- WAY MARKERS GA. STD. 9003</b>	
EACH 22	TOTAL

<b>BRIDGE QUANTITIES</b>		
ITEMS	QUANTITY BRIDGE *1	
FOUND BK FILL MATL, TP 11	CY	20
BRIDGE EXCAVATION, STREAM CROSSING	CY	260
GROOVED CONCRETE	SY	832
SUPERSTR CONCRETE, CL AA,	LS	LS
CONCRETE BARRIER	LF	378
CLASS AA CONCRETE	CY	160
PSC BEAMS, AASHTO TYPE 11,	LF	387
BAR REINF STEEL	LB	31882
SUPERSTR REINF STEEL	LS	LS
PILING IN PLACE, STEEL H, HP 12 X 53	LF	543
PILING IN PLACE, STEEL H, HP 14 X 73	LF	1010
LOAD TEST, STEEL H, HP 12 X 53 (IF REQD)	EA	1
LOAD TEST, STEEL H, HP 14 X 73 (IF REQD)	EA	1
PILOT HOLES	LF	460
COFFERDAM	EA	4
REMOVAL OF EXISTING BR, STA NO - 24+20 RT	LS	LS
STN DUMPED RIP RAP, TP 1, 24 IN	SY	890
PLASTIC FILTER FABRIC	SY	890

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
OFFICE: PROGRAM DELIVERY	
SUMMARY OF QUANTITIES SR17/75 OVER HIWASSEE RIVER	
REVISION DATES	DRAWING No. <b>06-01</b>
03-11-14	

**TranSystems**  
1780 Corporate Drive  
Suite 400  
Norcross, Georgia 30093  
Tel 770.931.8005  
Fax 770.931.8555  
www.transystems.com