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SUMMARY OF QUANTITIES (SHEET 1 OF 1)

REV. 05-03-06

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	STP-187-1(26)	008	195

TRAFFIC CONTROL

STP-187-1(26)	LUMP

GRADING COMPLETE

STP-187-1(26)	LUMP

UNDDR PIPE INCL DRAINAGE AGGR, 6 IN

AS NEEDED	10000 LF

AGGR SURF CRS

AS REQUIRED	500 TN

RIGHT OF WAY MARKERS

64	EACH

TEMPORARY EROSION CONTROL

DESCRIPTION	UNIT	QTY
TEMPORARY GRASSING	AC	6
MULCH	TN	18
CONSTRUCTION EXIT	EA	3
CONST & REM TEMP PIPE SLOPE DRAIN	LF	400
CONST & REM BALED STRAW EROSION CHECK	LF	170
MAINT OF TEMP SILT FENCE, TP A	LF	2050
MAINT OF TEMP SILT FENCE, TP C	LF	400
MAINT OF BALED STRAW EROSION CHECK	LF	85
MAINT OF CONSTRUCTION EXIT	EA	6
WATER QUALITY MONITORING AND SAMPLING	EA	2
WATER QUALITY INSPECTIONS	MO	12
TEMPORARY SILT FENCE, TP A	LF	4100
TEMPORARY SILT FENCE, TP C	LF	800
STN DUMPED RIP RAP, TP 3, 24 IN	SY	500
PLASTIC FILTER FABRIC	SY	500
EROSION CONTROL MATS, WATERWAYS	SY	2600
EROSION CONTROL MATS, SLOPES	SY	29000

CONCRETE "V" GUTTER

STA 26+00 RT - STA 27+50 RT	150 LF

CONCRETE HEADER CURB, 6 IN, TP 2

STA 6+35 LT - STA 7+15 RT	100 LF

* USED ON EXISTING SUGAR PIKE RD

TEMPORARY BARRIER, METHOD NO. 1

(EXIST. SUGAR PIKE RD)	QTY
STA 0+98 LT - STA 2+53 LT	170 LF
(BIG SPRINGS RD)	QTY
STA 0+20 LT - STA 3+30 LT	320 LF
STA 0+20 RT - STA 1+50 RT	140 LF
TOTAL	630 LF

* TO BE USED DURING STAGE CONSTRUCTION

CONC CURB & GUTTER, 8 IN x 30 IN, TP 2

LOCATION	SIDE	QTY	UNIT
SR 140			
24+30 - 24+83	LT	85	LF
25+20 - 25+52	LT	95	LF
25+89 - 26+18	LT	75	LF
BIG SPRINGS RD			
4+51 - 5+38	LT	145	LF
TOTAL	---	400	---

MILL ASPH CONC PVMT, VARIABLE DEPTH

LOCATION	QTY	UNIT
12+00 - 13+02 (SR 140)	2500	SY
33+74 - 34+00 (SR 140)	900	SY
TOTAL	3400	SY

MIN 0.5 INCH TO MAX 2.1 INCH

PAVING QUANTITIES

LOCATION	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H-LIME	RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H-LIME	GR AGGR BASE CRS, INCL MATL	BITUM TACK COAT	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H-LIME	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)
	TN	TN	TN	TN	GL	TN	LF	GLM
SR 140	850	440	1100	2700	500	110	1700	1
RELOCATED SUGAR PIKE RD	330	340	670	1400	260	---	---	---
EXISTING SUGAR PIKE RD	160	60	110	230	80	---	---	---
BIG SPRINGS RD	160	210	410	830	130	---	---	---
DRIVEWAYS	150	---	---	590	---	---	---	---
TEMPORARY PAVEMENT	---	260	390	1100	90	---	---	---
TOTAL	1650	1310	2680	6850	1060	110	1700	1

GUARDRAIL

STATION	SIDE	GUARDRAIL, TP W (LF)	GUARDRAIL, TP T (LF)	ANCHORAGE, TP 1 (EA)	ANCHORAGE, TP 12 (EA)
SR 140					
15-87.50 - 20+25.00	RT	437.50	---	1	1
29+81.00 - 31+62.50	LT	187.50	---	1	1
BIG SPRINGS RD					
2+50.00 - 3+65.00	LT	125.00	---	1	1
0+33.00 TO 5+00.00	RT	462.50	---	2	---
TOTAL	---	1212.50	---	5	3

PERMANENT EROSION CONTROL

DESCRIPTION	UNIT	QTY
PERMANENT GRASSING	AC	12
AGRICULTURAL LIME	TN	36
LIQUID LIME	GL	30
FERTILIZER MIXED GRADE	TN	11
FERTILIZER NITROGEN CONTENT	LB	600

THERMOPLASTIC PAVEMENT MARKING

ITEM	QTY	UNIT
THERMOPLASTIC PVMT MARKING, ARROW, TP 2	10	EA
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1.80	LM
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	2.06	LM
THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	62	LF
THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	800	GLF
THERMOPLASTIC TRAF STRIPING, WHITE	56	SY
THERMOPLASTIC TRAF STRIPING, YELLOW	580	SY

RAISED PAVEMENT MARKERS

ITEM	QTY	UNIT
RAISED PVMT MARKERS TP 1	300	EA
RAISED PVMT MARKERS TP 3	150	EA
RAISED PVMT MARKERS TP 10	40	EA

FENCING

ITEM	LOCATION	QUANTITY	UNIT
FIELD FENCE SPCL DESIGN *	PARCEL 10	640	LF
FIELD FENCE SPCL DESIGN *	PARCEL 12	146	LF
CH LK FENCE, ZC COAT, 4 FT, 9 GA	PARCEL 16	142	LF
GATE, CHAIN LINK ZC COAT - 14 FT	PARCEL 16	1	EA

* 4' FIELD FENCE WOVEN WIRE WITH 1 STRAND BARBED WIRE ON TOP

ROCK EMBANKMENT

450	CY

SEE "ROCK EMBANKMENT SLOPE" DETAIL ON GENERAL NOTES SHEET

SIDE DRAIN SUMMARY

STATION	SIDE	SIDE DRAIN PIPE, 18 IN, H 1-10	SAFETY END SECTION, 18 IN, SIDE DRAIN, 6:1 SLOPE
		LF	EA
SR 140			
12+38	RT	40	2
14+12	LT	40	2
14+47	RT	40	2
25+04 - 25+69	LT	130	2
26+80	RT	40	2
28+39	LT	40	2
RELOCATED SUGAR PIKE RD			
8+80	LT	40	2
12+58	LT	40	2
EXISTING SUGAR PIKE RD			
2+06	LT	40	2
4+31	RT	40	2
BIG SPRINGS RD			
2+35	LT	50	2
TOTAL		540	22

BARRICADE ASSEMBLY

STATION	SIDE	LF
7+00	C/L	50

TYPE III BARRICADE TO BE CONTRUCTED ON EXISTING SUGAR PIKE RD

HIGHWAY SIGNS

STATION	SIDE	CODE	SIZE (INCHES)	HIGHWAY SIGNS TP 1 MATL, REFL SHEETING, TP 6	GALV STEEL POSTS, TP 7
			IN	SF	LF
SR 140					
15+00	RT	W2-2L	30 x 30	6.25	13
15+00	RT	W16-8	48 x 12	4.00	---
18+50	RT	D11-1	24 x 18	3.00	13
24+50	RT	W2-2L	30 x 30	6.25	13
24+50	RT	W16-8	48 x 12	4.00	---
27+00	LT	D11-1	24 x 18	3.00	13
RELOCATED SUGAR PIKE RD					
1+50	LT	W11-1	30 x 30	6.25	13
2+30	RT	W2-2R	30 x 30	6.25	13
7+80	LT	W3-1a	30 x 30	6.25	13
EXISTING SUGAR PIKE RD					
0+50	RT	W14-1	30 x 30	6.25	13
3+00	RT	W8-8	30 x 30	6.25	13
7+00	C/L	OM4-1	18 x 18	2.25	*
7+00	C/L	OM4-1	18 x 18	2.25	*
7+00	C/L	OM4-1	18 x 18	2.25	*
BIG SPRINGS RD					
1+50	LT	W11-1	30 x 30	6.25	13
6+00	LT	W3-1a	30 x 30	6.25	13
TOTAL	---	---	---	77.00	143

* = MOUNTED ON TYPE III BARRICADE

HIGHWAY SIGNS (RED SERIES)

STATION	SIDE	CODE	SIZE	HIGHWAY SIGNS TP 1 MATL, REFL SHEETING, TP 6	GALV STEEL POSTS, TP 7
			IN	SF	LF
SR 140					
23+00	LT	R4-4	36 x 30	7.50	13
RELOCATED SUGAR PIKE RD					
0+29	LT	R1-1	36 x 36	7.46	13
0+41	LT	R1-2	36 x 36 x 36	3.90	13
0+61	RT	R1-2	36 x 36 x 36	3.90	13
EXISTING SUGAR PIKE RD					
0+25	LT	R1-1	36 x 36	7.46	13
7+00	C/L	R11-2	48 x 30	10.00	*
BIG SPRINGS RD					
0+36	LT	R1-1	36 x 36	7.46	13
TOTAL	---	---	---	47.68	78

* = MOUNTED ON TYPE III BARRICADE

PIPE CULVERT MATERIAL 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. POLYETHYLENE AASHTO M-252	PLASTIC: CORR. POLYETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	PLASTIC: POLY VINYL CHLORIDE (PVC) PROFIL 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.

CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.

JACK OR BORE PIPE

STATION		TYPE	CLASS	SIZE (IN)	LENGTH (LF)
20+30	△	STEEL	5 / 8 IN	36	120
TOTAL		--	--	--	120

STORM DRAIN SUMMARY

STATION		SIDE	STORM DRAIN PIPE, 18 IN, H 1-10	STORM DRAIN PIPE, 24 IN, H 1-10	FLARED END SECTION, 18 IN, STORM DRAIN	FLARED END SECTION, 24 IN, STORM DRAIN	DROP INLET, GP 1 (GA STD 1019A)	* FLOWABLE FILL	CLASS B CONCRETE INCL REINF STEEL
			LF	LF	EA	EA	EA	CY	CY
20+30 (SR 140)	△1	C/L	---	120	---	2	---	5	0.22
3+92 (BIG SPRINGS RD)	△2	C/L	72	---	2	---	---	---	---
5+50 (BIG SPRINGS RD))	△3	C/L	56	---	1	---	1	---	---
TOTAL			128	120	3	2	1	5	0.22

* TO FILL EXISTING 18 IN. PIPE AT STA 20+41

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