GUARDRAIL

GA. STDS. 4011-A, 4012-D, 4040, 4270, 4280, & 4360

LOCATION (STATION)	"W" BEAM	"T" BEAM	TYPE 1 ANCHOR GA. STD. 4012-D	TYPE 12 ANCHOR NON-FLARE GA. STD. 4040
	LF	LF	EACH	EACH
SR 316 EB				
1239+00.00 TO 1245+00.00 RT.	600.3		1	1
1247+39.53 TO 1249+66.62 LT.	225.0		1	1
1248+89.05 TO 1249+67.74 RT.	75.1		1	1
1258+21.03 TO 1259+71.05 RT.	150.0		1	1
1268+75.00 TO 1272+00.00 RT.	325.0		1	1
SR 316 WB				
1239+00.00 TO 1254+36.42 LT.	1580.1		1	1
1270+25.00 TO 1273+50.00 LT.	325.0		1	1
EB CD ROAD				
2257+53.09 TO 2259+28.09 LT.	175.0		1	1
2268+33.34 TO 2271+58.34 LT.	325.0		1	1
2269+50.69 TO 2270+75.50 RT.	62.5	20.7		1
2286+00.00 TO 2288+00.00 RT.	179.4	20.7		1
WB CD ROAD				
3258+40.21 TO 3262+40.00 LT.	400.0		1	1
3271+70.90 TO 3272+91.50 RT.	100.1	20.7		1
3274+40.04 TO 3279+77.49 LT.	500.2		1	1
3281+39.16 TO 3283+14.16 RT.	175.0		1	1
3281+63.15 TO 3294+70.71 LT.	1301.2			
RAMP T				
485+90.61 TO 487+53.33 RT.	162.7		1	1
496+00.00 TO 499+65.90 RT.	417.5			1
496+50.00 TO 499+40.46 LT.	296.1			1
RAMP U				
500+47.89 TO 504+50.00 LT.	417.6		1	
500+63.95 TO 504+59.00 RT.	300.5	148.4		
RAMP V				
4288+34.39 TO 4298+57.24 RT.	1014.1			
4290+10.52 TO 4294+38.87 LT.	424.9	20.7		1
RAMP W				
600+73.93 TO 611+97.72 RT.	1079.8			
605+00.00 TO 608+56.05 LT.	381.7	20.7	1	1
RAMP X				
2298+94.93 TO 2302+54.52 LT.	369.9			1
2298+96.82 TO 2299+71.04 RT.	76.4		1	1
RAMP Y				
313+47.36 TO 314+72.36 LT.	125.0		1	1
RAMP YS				
2304+13.70 TO 2304+94.24 LT.	126.6		1	
2313+59.86 TO 2321+50.00 RT.	788.8		1	1
RAMP Z				
3336+87.76 TO 3340+23.56 LT.	351.3			1
3331+41.45 TO 3338+00.00 RT.	660.7		1	1
RAMP AA				
3294+70.71 TO 3299+50.00 LT.	474.1			1
3304+02.95 TO 3304+73.16 RT.	119.5		1	
COLLINS HILL ROAD				
67+77.00 TO 67+95.09 RT.	27.6		1	
68+98.79 TO 70+99.84 LT.	249.2		1	
71+92.84 TO 78+12.85 LT.	594.6	88.5		
81+88.48 TO 82+59.05 LT.		70.9		
81+60.56 TO 82+37.60 RT.		77.3		
83+99.77 TO 85+48.79 RT.	149.0		1	
SUBTOTAL 'A'	15106.5	488.6	23	27

GUARDRAIL

GA. STDS. 4011-A, 4012-D, 4040, 4270, 4280, & 4360

LOCATION (STATION)	"W" BEAM	"T" BEAM	TYPE 1 ANCHOR GA. STD. 4012-D	TYPE 12 ANCHOR NON-FLARE GA. STD. 4040
	LF	LF	EACH	EACH
SR 20 (BUFORD DRIVE)				
87+76.93 TO 87+97.58 LT.		20.7		
88+23.37 TO 88+44.02 RT.		20.7		
91+55.98 TO 92+76.63 LT.		20.7		
92+02.42 TO 92+23.07 RT.		20.7		
100+56.51 TO 102+69.01 RT.	212.5		1	1
LENDON CONNECTOR				
17+32.00 TO 28+55.00 LT.	1123.7			
17+44.36 TO 22+36.91 RT.	568.2			
23+24.37 TO 28+55.00 RT.	571.5			
REYNOLDS ROAD EXTENSION				
70+25.60 TO 71+02.50 RT.	56.3	20.7		1
LIGHTNING ACCESS ROAD				
404+49.69 TO 406+74.52 RT.	287.9		1	1
COLLINS INDUSTRIAL WAY				
15+26.00 TO 15+44.88 RT.	6.3	32.1		1
SUBTOTAL 'B'	2826.4	135.6	2	4

SUBTOTAL 'A'	15106.5	488.6	23	27
SUBTOTAL 'B'	2826.4	135.6	2	4
AS DIRECTED BY ENGINEER	17.1	25.8		
GRANDTOTAL	17950	650	25	31

NOTE: THE ACTUAL BEGINNING AND ENDING OF THE GUARDRAIL MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

CONCRETE RIGHT- OF- WAY MARKERS

GA. STD. 9003

TOTAL PROJECT	197	EACH

REINFORCED CONCRETE APPROACH SLAB

GA. STD. 9017K

LOCATION	REINF CONC. APPROACH SLAB, INCL TRANSITION CURB
	SQ YD
COLLINS HILL RD.	
STA. 77+81.50 - STA. 78+12.85	321
STA. 81+74.60 - STA. 82+05.95	321
S.R. 20 (BUFORD DR.)	
STA. 87+89.01 - STA. 88+20.71	479
STA. 91+79.64 - STA. 92+10.99	474
TOTAL	1595

DITCH PROTECTION

LOCATION (STATION)	SIDE	WIDTH (ft)	DEPTH OF PROTECTION (ft)	CONCRETE DITCH PAVING, 4 IN	PERMANENT SOIL REINFORCED MAT	TYPE 3 RIP RAP, 24 IN	FILTER FABRIC
				SY	SY	SY	SY
S.R. 316							
STA. 1241+71 TO 1242+43	LT	4	1.0			88	88
STA. 1243+06 TO 1243+40	RT	4	1.0			67	67
STA. 1249+18 TO 1249+94	LT	4	1.8			110	110
STA. 1251+54 TO 1251+94	RT	4	1.0			55	55
STA. 1252+73 TO 1254+50	RT	4	0.9		44		
STA. 1254+64 TO 1259+83	RT	2	0.8	557			
STA. 1323+60 TO 1329+02	MED	2	0.8		848		
EASTBOUND CD RD.							
STA. 2280+83 TO 2281+96	RT	4	0.7		112		
STA. 2282+08 TO 2287+90	RT	4	0.8		574		
STA. 2291+50 TO 94+52	RT	4	1.1		1242		
WESTBOUND CD RD.							
STA. 3272+84 TO 3275+59	LT	4	0.6		192		
STA. 3277+94 TO 3277+97	LT	4	1.7		132		
STA. 3285+42 TO 3290+13	LT	4	0.7		389		
STA. 3284+89 TO 3285+42	LT	4	0.7			42	42
STA. 3296+63 TO 85+00	LT	4	1.0		951		
RAMP "W"							
STA. 603+14 TO 608+00	RT	4	0.7		374		
STA. 610+09 TO 611+96	RT	4	0.7		154		
RAMP "YS"							
STA. 2304+58 TO 2316+75	RT	4	0.9		1400		
STA. 2316+75 TO 2319+36	RT	4	1.2		278		
STA. 2319+36 TO 2319+92	RT	4	1.8		74		
LIGHTNING ACCESS DR.							
STA. 406+00 TO 416+00	LT	4	0.9		1360		
COLLINS HILL RD.							
STA. 82+38 TO 82+57	LT	2	0.7	51			
S.R. 20(BUFORD DR.)							
STA. 87+78 TO 89+29	RT	2	0.6	93			
STA. 87+78 TO 88+41	LT	2	0.6	59			
STA. 90+69 TO 91+86	LT	2	0.6	84			
STA. 91+62 TO 92+30	RT	2	0.6	66			
AS DIRECTED BY ENGINEER				40	50	38	38
TOTAL				950	8100	400	400

PBSJ

REVISION DATES
06/14/2011

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

SUMMARY QUANTITIES

S.R. 316

DRAWING No. 6-02