STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NH000-0006-04(031)	13	321

VOID

DRAINAGE QUANTITIES

STR. NO.	LOCATION	STORM DRAIN PIPE % GRADE	MAX HT. OF FIL	18" HI-10 L.F.	24" HI-10 L.F.	30" HI-10 L.F.	36" HI-10 L.F.	48" HI-10 L.F.	48" HIO-15 L.F.	54" HI-10 L.F.	FLARED END 24" EA.	HEADWALL CL. A CONC. INCL. STEEL C.Y.	CATCH BASINS GP. 1 1033D EA.	Add. Depth L.F.	1034D EA.	1033G/ 1034G EA.	CB GP. 2 1033D EA.	Add. Depth L.F.	DROP INLETS GP. 1 1019A TY-E EA.	1019B TY-V1 EA.	1019A TY-A EA.	9031S EA.	Add. Depth L.F.	RIP RAP 24" TY-1 S.Y.	RIP RAP 18" TY-3 S.Y.	FILTER FABRIC S.Y.	MANHOLE 1011-A TY-1 EA.	MH TP. 1 ADD-DEPTH CL-1 L.F.	MH TP. 1 ADD-DEPTH CL-2 L.F.	MANHOLE 1011-A TY-2 EA.	MH TP. 2 ADD-DEPTH CL-1 L.F.	MH TP. 2 ADD-DEPTH CL-2 L.F.	ADJUST STR. TO GRADE EA.	REGRD. MINOR STR. EA.	CAPPING MINOR STR. EA.	END. BACKFILL TYPE II C.Y.
A-1	27+86 RT	5.64	3.0		316								1																							
A-1.1	27+86 MED LT	3.87	3.0	46																1																
A-2	30+25 RT	5.48	4.0		237								1																							
A-2.1	30+25 LT	0.64	3.0	82									1																							
A-2.2	31+40 LT	3.44	3.0	113									1																							
A-3	32+84 RT	3.87	4.0	256									1																							
A-4	35+43 43' RT	2.33	5.0	260																							1	0.30								
A-5	35+48 MED RT	1.13	4.0	32																1																
A-5.1	36+50 MED RT	4.14	4.0	100												1																				
A-6	35+60 LT	1.96	4.0	60									1																							
A-7	37+74 LT	2.35	4.0	212									1																							
A-8	39+97 LT	2.86	4.0	217									1																							
A-8.1	39+97 MED RT	3.30	3.0	31												1																				
B-2	23+43 RT	4.90	3.0		138								1														1									
B-2.1	23+75 MED LT	6.70	3.0	61												1																				
B-1	24+50 RT	4.76	3.0		103								1																							
D-1	42+55 47' RT	2.15	7.0	199																							1	1.80								
D-1.1	42+47 MED RT	1.00	6.0	48																1																
D-2	44+56 41' RT	1.00	6.0	103																							1	2.00								
D-2.1	44+56 MED RT	0.58	5.0	29																1																
D-2.2	44+56 LT	0.60	4.0	44									1																							
D-2.3	44+56 65' RT	4.17	4.0	24									1																							
D-3	45+62 RT	3.32	3.0		75								1																							
D-3.1	45+11 58' RT	6.56	3.0	52									1																							
D-4	46+39 RT	1.06	3.6		77								1	0.30																						
D-4.1	46+40 LT	0.50	3.0	73									1																							
D-4.2	46+90 LT	0.50	4.0	48									1																							
D-5	47+18 RT	1.00	3.0		75								1																							
D-6	47+95 RT	0.50	3.0		80								1																							
D-7	48+75 RT	1.32	3.0			29									1																					
D-7.1	48+75 68' RT	0.60	3.0	18																		1														
D-7.2	48+55 MED LT	2.44	3.0	52												1																				
D-7.3	49+50 MED LT	0.32	3.0	93																1																
D-8	49+08 RT	0.50	6.0			135							1																							
D-9 *	50+44 RT *	0.50	7.0														1	4.00																		25
D-9.1	50+44, 57' LT	0.50	8.0					62																							1	4.00	2.00			
D-9.2	51+06, 60' LT	0.80	9.0					250																							1	4.00				60
E-1	101+39 RT	2.30	4.0		8								1																							
E-1.1	101+39 LT	1.05	3.0	43									1																							
E-1.2	102+10 43' LT	1.54	4.0	70																	1		0.30													
E-1.3	102+26 LT	0.50	4.0	24									1																							
E-1.4	101+10, 19' LT	2.00	3.0	28															1																	
E-1.5	101+10, 32' LT	5.00	3.0	10											1																					
E-2	102+82 RT	1.50	3.0		142								1																							
E-2.1	102+82 32' RT	3.57	3.0	5									1																							
E-3	104+29 RT	2.28	3.0		146								1																							
E-3.1	104+29 32' RT	1.67	3.0	6									1																							
E-3.2	SALBAR ST. 11+14 19'	1.72	3.0	57																	1															
E-3.3	SALBAR ST. 11+14 19'	0.60	3.0	34																	1															
E-3.4	104+85 LT	1.00	3.0	21									1																							
E-4	105+19 RT	2.61	3.0	87									1																							
E-4.1	105+19 32' RT	3.75	3.0	6									1																							
E-4.2	106+13 32' RT	1.27	3.0	92									1																							
G-1	100+65 24' LT	1.10	7.0			80													1				4.00													
G-1.1	51+91 25' RT	EX. CB	CAP																																1	
G-2	52+15 RT	3.19	6.0			56							1	3.00																						
G-2.1	52+20 56' RT	1.00	3.0	8									1																							
G-2.2	53+16 25' RT	EX. CB	CAP																																1	
G-3	53+92 RT	3.45	5.0			173							1	1.00																						
G-3.2	53+77 25' RT	EX. CB	CAP																																1	
G-3.1	53+92 48' RT	1.00	3.0	8									1																							
SUB - TOTALS				2752	1397	473	0	312	0	0	0	0	35	4.3	2	4	1	4	2	5	3	1	4.3	0	0	0	4	4.1	0	2	8	2	0	0	3	85

* PIPE FROM D-9 TO D-9.1
98 LF JACK OR BORE PIPE - STEEL .¼ IN THK, 48" DIA

R.K. SHAH & ASSOCIATES, INC.
ENGINEERS
TRANSPORTATION / SITE / CIVIL
1280 WINCHESTER PARKWAY
BUILDING 1280, SUITE 240
ATLANTA, GEORGIA 30080
TELEPHONE 770/436-5070

DATE	REVISIONS	DATE	REVISIONS
04-11-2011	ADDED QUANTITY FOR CAPPING MINOR		
	STRUCTURES; REVISED QUANTITY FOR		
	RECONST MINOR STRUCTURES; REVISED		
	GRADE FROM STRUCTURE E-1 TO E-2;		
	REVISED STATION FOR STRUCTURE E-2.		

LAND LOT NO. 229, 230, 231
LAND DISTRICT 101b GMD 555

GEORGIA
DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
PROJECT NH000-0006-04(031)
COUNTY UPSON
DRAWING No. 6-04