REV. 5-10-06

PI NO. 322350 FAYETTE COUNTY

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-209-1(1)	21	513

SUMMARY OF DRAINAGE QUANTITES

STRUCTURE NUMBER	STATION	LOCATION	STRUCTURE TYPE	GRADE AND FILL: APPROXIMATE GRADE OF PIPE (%)	MAXIMUM HEIGHT OF FILL OVER PIPE (METERS)		FLARED END SECTIONS: FLARED END SECTIONS GA. STD. 1120 FES STORM DRAIN (EACH)	SAFETY FLARED END SECTIONS GDOT CONSTRUCTION DETAIL D-5 (EACH)	MILLIMETERS (SIZE)	CATCH BASINS GROUP 1 (900 mm or less): 2 METERS OR LESS GA STD 1033D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS GA STD 1034D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS GA STD 1034G CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS GA STD 1033G CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	CATCH BASINS GROUP 2: 2 METERS OR LESS (1050 mm or more) GA STD 1033D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS (1050 mm or more) GA STD 1034D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	HEADWALLS: HEADWALLS GA STD 1125 HDW SAFETY GRATE BASIN (+ REBAR) (TYPE)	CLASS A CANC GA STD 1125 HDW SAFETY GRATE BASIN (+ REBAR) (CUBIC METERS)	
X-4A	15+600.0	RT	1033D CB	3.57	0.8					1														
X-4B	15+550.0	RT	1033D CB	0.30	3.5					1														
X-4D	15+482.0	RT	1033D CB	0.30	2.4					1	0.4													
X-5	15+512.0	RT	1120 FES				1		600															
Y-1	15+698.0	LT	9031S DI	4.19	1.0																			
Y-2	15+700.0	LT	1033D CB	1.79	1.0					1														
Y-3	15+744.0	LT	1019A TP. E DI	0.50	1.1																			
Y-3A	15+747.0	LT	1033D CB	5.84	0.9					1														
Y-4	15+746.0	LT	9031U PC																					
Y-5	15+747.0	RT	1019B DI	2.63	1.5																			
Y-6	15+746.0	RT	1120 FES				1		600															
Z-1	15+836.0	LT	1120 FES	8.31	4.9		1		750															
Z-2	15+836.0	LT	9031U PC																					
Z-3	15+836.0	LT	1033D CB							1	5.0													
Z-4	15+836.0	RT	1033D CB							1	5.6													
Z-4A	15+876.0	RT	1033D CB	0.78	2.8					1	0.7													
Z-4B	15+920.0	RT	1011A MH	0.78	1.8																			
Z-4C	15+920.0	RT	1033G CB	0.71	1.8											1	0.1							
Z-4D	15+920.0	LT	1033D CB	0.65	1.8					1														
Z-4E	15+935.0	LT	1034D CB	1.00	1.0							1												
Z-4F	15+950.0	LT	1033D CB	3.57	0.8					1														
Z-4G	15+990.0	LT	1033D CB	0.82	0.8					1														
Z-4H	16+040.0	LT	1033D CB	0.74	0.8					1														
Z-4I	15+935.0	RT	1034G CB	2.06	1.3									1										
Z-4J	15+950.0	RT	1033G CB	0.72	1.0											1								
Z-4K	15+990.0	RT	1033G CB	0.40	0.8											1								
Z-4L	16+040.0	RT	1033G CB	0.80	0.8											1								
Z-5	15+836.0	RT	1011A MH	0.50	3.5																			
Z-6	15+836.0	RT	1120 FES				1		750															
AA-1	16+092.0	LT	1120 FES	10.01	0.8		1		600															
AA-2	16+092.0	LT	1033D CB	5.93	0.8					1														
AA-2A	16+140.0	LT	1033D CB	2.27	0.9					1														
AA-3	16+092.0	LT	9031U PC																					
AA-4	16+092.0	RT	1033G CB													1	1.2							
AA-4A	16+140.0	RT	1033G CB	1.75	0.9											1								
AA-5	16+092.0	RT	9031U PC	2.68	3.4																			
AA-6	16+095.0	RT	1120 FES				1		600															
BB-1	13+363.0	RT	1033D CB	1.33	1.2					1														
BB-2	13+360.0	LT	1033D CB	3.80	1.8					1														
BB-3	16+280.0	LT	1033D CB	6.20	2.3					1														
BB-4	16+198.0	LT	1033D CB							1	1.5													
BB-4A	16+198.0	LT	1120 FES	11.42	2.3		1		750															
BB-5	16+199.0	RT	1033G CB													1	3.3							
BB-5A	16+280.0	RT	1033G CB	8.40	4.0											1								
SUBTOTALS							4 3		600 750	18	13.2	1	0	1	0	8	4.6	0	0	0	0	0.0	0.0	

STRUCTURE NUMBER		PIPE CULVERTS (LINEAR METERS): 450 mm	600 mm	750 mm	900 mm	1050 mm	1200 mm	1350 mm	DROP INLETS: 2 METERS OR LESS DROP INLET GA STD 9031L DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS DROP INLET GA STD 9031S DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS DROP INLET GA STD 1019A TYPE A DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS DROP INLET GA STD 1019B V-1 DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	JUNCTION BOX (EACH)
X-4A		48.5															
X-4B					36.9												
X-4D					28.2												
X-5																	
Y-1		5.2									1						
Y-2		42.9															
Y-3			13.7										1				
Y-3A		14.1															
Y-4																	
Y-5			8.7												1	0.1	
Y-6																	
Z-1				7.5													
Z-2																	
Z-3																	
Z-4																	
Z-4A			39.5														
Z-4B			43.2														
Z-4C			13.0														
Z-4D			15.9														
Z-4E		13.9															
Z-4F		14.1															
Z-4G		38.6															
Z-4H		48.7															
Z-4I		14.0															
Z-4J		14.1															
Z-4K		39.3															
Z-4L		49.2															
Z-5				6.5													
Z-6																	
AA-1			3.2														
AA-2			2.9														
AA-2A		48.0															
AA-3																	
AA-4																	
AA-4A		48.0															
AA-5			15.8														
AA-6																	
BB-1		29.6															
BB-2		77.6															
BB-3		80.4															
BB-4																	
BB-4A				7.6													
BB-5																	
BB-5A		81.0															
SUBTOTALS	CL III	707.2	155.9	14.1	65.1	0.0	0.0	0.0	0	0	1	0	1	0	1	0.1	0
	CL IV			7.5													
	CL V																

STRUCTURE NUMBER	MANHOLES: 2 METERS OR LESS TYPE 1 MANHOLE GA STD 1011A MH (EACH)	ADDTIONAL DEPTH CLASS 1 2M-3M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 2 3M-6M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 3 6M-9M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 4 9M-14M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	2 METERS OR LESS TYPE 2 MANHOLE GA STD 1011A MH (EACH)	ADDTIONAL DEPTH CLASS 1 2M-3M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 2 2M-6M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 3 2M-9M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 4 2M-14M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	RECONSTRUCTION MANHOLE (EACH)	ADJUSTMENT TO GRADE (EACH)			
Z-4B	1	0.4													
Z-5	1	3.3													
SUBTOTALS	2	3.7	0	0	0	0	0	0	0	0	0	0			

VOID

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE OF ROAD DESIGN

DGN$SPECIFICATION$$$$$$$$$$$$$$$$$$$$$$
SHOWDATETIME$$$$$$

FORM 2A

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