Resource Name/Type	Location		Side	Construction Activity	Permitted Activity	Controlling Criteria	Special Provision?	Comments Including any permit expiration dates
	Beginning STA	Ending STA						
Historic Marker	9+41	9+41	54'Rt	Construction of sidewalk and shoulder	None	N/A	None	See note on Drawing 13-02
Stream 1A Buffer	13+75	15+15	Both	None	None	N/A	None	
Stream 1A	13+95	15+00	Both	None	None	N/A	None	
Stream 1 Buffer	35+03	40+08	Lt	None	None	N/A	None	
Stream 1	35+38	39+80	Lt	None	None	N/A	None	
Wetland 2	37+45	38+60	Rt	None	None	N/A	None	
Stream 3 Buffer	45+30	46+25	Both	None	None	N/A	None	
Stream 3	45+55	46+15	Both	None	None	N/A	None	
Stream 4 Buffer	91+90	92+65	Both	None	None	N/A	None	
Stream 4	92+10	92+65	Both	None	None	N/A	None	
Stream 5A Buffer	117+35	118+15	Rt	None	None	N/A	None	
Stream 5A	117+65	117+75	Rt	None	None	N/A	None	
Buffered State Water 118+45Rt Buffer	118+23	118+90	Rt	None	None	N/A	None	
Buffered State Water 118+45Rt	118+47	118+65	Rt	None	None	N/A	None	
Eligible Historic Resource - The Grand Property	87+68	88+70	Lt	Construction of sidewalk and grass strip	100-foot by 1.8-foot area of right-of-way, an approximate 100-foot by 13-foot area of permanent easement, and an approximate 62.5-foot by 12.8-foot area of temporary easement for driveway tie-in	History AOE	None	
Eligible Historic Resource - The Masters House	88+70	89+70	Lt	Construction of sidewalk, grass strip and a retaining wall	113-foot by 1.8-foot area of right-of-way and an approximate 114-foot by 13-foot area of permanent easement	History AOE	None	

PIPE CULVERT MATERIAL ALTERNATES FOR PIEDMONT/BLUE RIDGE REGION

TYPE OF PIPE INSTALLATION				CONCRETE	CORRUGATED STEEL AASHTO M-36		CORRUGATED ALUMINUM AASHTO M-196	PLASTIC			
					ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY-ETHYLENE AASHTO M-252	CORR. POLYETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLYVINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLYVINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR AASHTO F-949
STORM DRAIN	LONGITUDINAL INTERSTATE AND TRAVEL BEARING			X							
STORM DRAIN	LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING			X					X	X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	ADT < 250	X					X	X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	250 < ADT < 1500	X					X	X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	1500 < ADT < 15,000	X					X	X	X
STORM DRAIN	CROSS DRAIN	GRADE ≤ 10%	ADT > 15,000	X							
STORM DRAIN	CROSS DRAIN	GRADE > 10%	ADT < 250						X	X	X
STORM DRAIN	CROSS DRAIN	GRADE > 10%	ADT > 250						X	X	X
SIDE DRAIN				X					X	X	X
PERMANENT SLOPE DRAIN					X	X	X		X	X	X
PERFORATED UNDERDRAIN					X	X	X	X	X		X

REV. 09-03-08

NOTE: 1. ALLOWABLE MATERIALS ARE INDICATED BY AN "X".
2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS.
3. GRADED AGGREGATE BACKFILL SHALL BE USED IN CROSS DRAIN APPLICATIONS FOR ALL PLASTIC PIPES (AASHTO M-294, HDPE PIPE ; AASHTO M-304, PVC PIPE; ASTM F-949, PVC PIPE).
4. THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.

ATKINS

REVISION DATES		
7/13/12		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

GENERAL NOTES

BUFORD HIGHWAY STREETSCAPES

DRAWING No. 4-02

GPLN