PIPE CULVERT MATERIAL ALTERNATES
FOR PIEDMONT/BLUE RIDGE REGION

TYPE OF PIPE INSTALLATION				CONCRETE	CORRUGATED STEEL AASHTO M-36		CORR. ALUMINUM AASHTO M-196	PLASTIC		
					ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY-ETHYLENE AASHTO M-252	CORR POLY-ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304
STORM DRAIN	LONGITUDINAL AND INTERSTATE 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.

NOTES:
1. ALLOWABLE MATERIALS ARE INDICATED BY AN "X".

2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD 1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS.

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DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
PROJECT: NH-7141-00(100)
COUNTY: DEKALB
DATE: 06-21-02 DRAWING 4-03