GEOTECHNICAL ENGINEERING BUREAU SOIL SURVEY REPORT CHECKLIST

PROJECT		DATE	ENGINEER	_
I.	<u>EARTHWORK</u>			
	If poor Class IIIC2 or worse soils are found at set up? Is lime or cement stabilization needed	-	sections, is extra graded aggre	gate base
	Specify that Class IIIC2 and worse soils which within 3 feet of subgrade. Also need special p			e placed
	If removal of poor soils is required, is a removal should be used as replacement material, and v		• •	
	If good Class II B3 or better soils are readily a 12-inch layer at subgrade? Special provision		1 0	-
	On sections with cuts and/or low fills (3' or le below subgrade is significantly above (>4 to 5 drying out and replacement of the wet soils?		_	
	For fills and/or cuts higher than 35± feet, is the	e berm detail	referenced and enclosed?	
	Have any proposed slopes steeper than 2:1 in	either soil or	rock been investigated and ad	ldressed?
II.	. <u>GROUNDWATER</u>			
	If groundwater was found above grade in cuts underdrains been set up? Remember to include		9	;
	If high groundwater was found in cuts, will th slope sloughing? Special provision Section 57			event
	For high groundwater in cuts, will additional a section for stability?	graded aggre	gate base be needed in the pav	ement
	If the project crosses a pond, lake, swamp, or were taken from the bottom for classification			amples
	Is granular or rock embankment needed to ma needed for granular embankment? For fills of granular embankment. Geogrid may also be u	4 feet and les	ss, consider placing geogrid un	nder
	On Coastal plain projects with low fills in are placing one layer of low strength filter fabric to			onsider

	For projects in the Piedmont region using graded aggregate base, is a minimum recommended base thickness set up?			
	Have the options for acceptable base materials been listed?			
	Have you checked adjacent projects to see if the soil support value is consistent with this project?			
	Will lime or cement stabilization of subgrade soils be needed?			
IV. MISCELLANEOUS				
	For soil surveys at bridge approaches, have you included copies of the endbent borings?			
	Is a waiting period needed before approach slabs are constructed? (for projects that include bridges)			
IV. <u>DETAILS AND SKETCHES</u>				
	Removal detail			
	Berm detail for cuts or fills			
	Surcharge and/or filter fabric details			
	Benching detail			
	Underdrain detail			
	Serrated slopes			
	Steep rock cuts			
	Project location sketch			
	Corrosion chart			
	Slope drainage detail			

III. PAVEMENT DESIGN