SOIL SERIES INFORMATION

A project specific soil survey and geotechnical investigation was performed for this project and can be made upopn request. Soil characteristics have been given full consideration in the hydrologic analysis, the design of channels and linings, selection of temporary BMP's, design of energy dissipaters, and in the selection of permanent vegetation and fertilizers.

The following is a summary of the soils that are expected to be found on the project site:

EROSION HAZARD (ROAD, TRAIL) - SUMMARY BY MAP UNIT - Dooly and Macon Counties, Georgia

MAP UNIT SYMBOL	MAP UNIT NAME	RATING	COMPONENT NAME (PERCENT)	RATING REASONS (RATING VALUES)	ACRES IN AOI	PERCENT OF AOI
CnA	Clarendon sandy loam	Slight	Clarendon (95%)		2.2	0.4%
			Rains (5%)			
DoB	Dothan loamy sand, 2 to 5 percent slopes	Slight	Dothan (100%)		59.3	11.1%
FeA	Faceville sandy loam, 0 to 2 percent slopes	Slight	Faceville (100%)		12.8	2.4%
FeB	Faceville sandy loam, 2 to 5 percent slopes	Moderate	Faceville (100%)	Slope/erodobility (0.50)	36.2	6.8%
FxC2	Faceville sandy loam, 5 to 8 percent slopes, eroded	Moderate	Faceville (100%)	Slope/erodobility (0.50)	2.7	0.5%
Gr	Grady sandy loam	Slight	Grady (100%)		27.3	5.1%
Oc	Ochlockonee sandy loam	Slight	Ochlockonee (95%)		6.7	1.3%
			Bibb (3%)			
			Rains (2%)			
OrB	Orangeburg sandy loam, 2 to 5 percent slopes	Slight	Orangeburg (100%)		17.1	3.2%
TfA	Tifton loamy sand, 0 to 2 percent slopes	Slight	Tifton (100%)		19.2	3.6%
SUBTOTALS FOR SOIL SURVEY AREA					183.5	34.4%

EROSION HAZARD (ROAD, TRAIL) - SUMMARY BY MAP UNIT - Houston and Peach Counties, Georgia

MAP UNIT SYMBOL	MAP UNIT NAME	RATING	COMPONENT NAME (PERCENT)	RATING REASONS (RATING VALUES)	ACRES IN AOI	PERCENT OF AOI
Avp	Alluvial land, wet	Slight	Alluvial land, wet (100%)		50.3	9.4%
FoB	Faceville fine sandy loam, 2 to 5 percent slopes	Moderate	Faceville (100%)	Slope/erodobility (0.50)	16.1	3.0%
FoB2	Faceville fine sandy loam, 2 to 5 percent slopes, eroded	Moderate	Faceville (100%)	Slope/erodobility (0.50)	33.1	6.2%
FoC2	Faceville fine sandy loam, 5 to 8 percent slopes, eroded	Moderate	Faceville (100%)	Slope/erodobility (0.50)	23.2	4.3%
FtC3	Faceville sandy clay loam, 5 to 8 percent slopes, severely eroded	Moderate	Faceville (100%)	Slope/erodobility (0.50)	1.1	0.2%
GpC3	Greenville clay loam, 5 to 8 percent slopes, severely eroded	Moderate	Greenville (100%	Slope/erodobility (0.50)	14.0	2.6%
Grd	Grady Soils	Slight	Grady (100%)		21.3	4.0%
GsB2	Greenville fine sandy loam, 2 to 5 percent slopes, eroded	Moderate	Greenville (100%	Slope/erodobility (0.50)	11.6	2.2%
GsC2	Greenville fine sandy loam, 5 to 8 percent slopes, eroded	Moderate	Greenville (100%	Slope/erodobility (0.50)	5.4	1.0%
HdB2	Henderson cherty sandy loam, 2 to 5 percent slopes, eroded	Slight	Henderson (100%)		10.8	2.0%
HdC2	Henderson sherty sandy loam, 5 to 8 percent slopes, eroded	Moderate	Henderson (100%)	Slope/erodobility (0.50)	1.3	0.2%
HdD2	Henderson cherty sandy loam, 8 to 12 percent slopes, eroded	Moderate	Henderson (100%)	Slope/erodobility (0.50)	15.6	2.9%
LcB	Lucy sand, 0 to 5 percent slopes	Slight	Lucy (100%)		11.5	2.2%
LcC	Lucy sand, 5 to 8 percent slopes	Moderate	Lucy (100%)	Slope/erodobility (0.50)	7.0	1.3%
LcM	Local alluvial land	Slight	Local alluvial land (95%)		4.6	0.9%
			Alluvial land, wet (5%)			
NgB	Norfolk loamy fine sand, 2 to 5 percent slopes	Slight	Norfolk (100%)		24.3	4.6%
NgB2	Norfolk loamy fine sand, 2 to 5 percent slopes, severely eroded	Slight	Norfolk (100%)		19.1	3.6%
OcB3	Orangeburg sandy loam, 2 to 5 percent slopes, severely eroded	Slight	Orangeburg (100%)		4.1	0.8%
OgB	Orangeburg loamy fine sand, 2 to 5 percent slopes	Slight	Orangeburg (100%)		24.6	4.6%
OgB2	Orangeburg loamy fine sand, 2 to 5 percent slopes, eroded	Slight	Orangeburg (100%)		28.8	5.4%
OgC2	Orangeburg loamy fine sand, 5 to 8 percent slopes, eroded	Moderate	Orangeburg (100%)	Slope/erodobility (0.50)	14.4	2.7%
RhB	Red Bay fine sandy loam, 2 to 5 percent slopes	Slight	Red Bay (100%)		6.7	1.3%
W	Water	Not rated	Water (100%0		0.3	0.1%
SUBTOTALS FOR SOIL SURVEY AREA					349.2	65.6%
TOTALS FOR AREA OF INTEREST (AOI)					532.7	100.0%

Due to the size and scope of this project and the nature of soil series maps, it is not resonably possible to identify the precise locations of the above reference soils on the plans. The NRCS soil survey and series maps for the project area are also available online at: http://websoilsurvey.nrcs.usda.gov/

GEORGIA DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN
ESPC GENERAL NOTES
SOIL SERIES INFORMATION
DRAWING No. 51-02

STATE GA | PROJECT NUMBER M004205-CST | SHEET NO. 251 | TOTAL SHEETS 301

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