GEOTECHNICAL UNIT FIELD SCOUR REPORT

PROJECT: 8.2970601 ID: B-3485 COUNTY: Macon
DESCRIPTION(1): Bridge No. 16 on SR-1309 Over Cartoogechaye Creek
INFORMATION ON EXISTING BRIDGES Information obtained from: X field inspection microfilm(Reel: Pos:) X other Hydraulic Design Report
COUNTY BRIDGE NO. 16 BRIDGE LENGTH 120 Ft. NO. BENTS IN: CHANNEL 2 FLOOD PLAIN 2
FOUNDATION TYPE: Concrete footings.
EVIDENCE OF SCOUR(2):
ABUTMENTS OR END BENT SLOPES: Minor amount at EB1.
INTERIOR BENTS: Minor amount at B1-A.
CHANNEL BED: None noted.
CHANNEL BANKS: Minor (< 2.0 ft.) amount on downstream banks.
EXISTING SCOUR PROTECTION:
TYPE(3): Pile and Panel end bent walls with wingwalls.
EXTENT(4) 15 feet either side of end bent wall.
EFFECTIVENESS(5): Good
OBSTRUCTIONS(6) (DAMS,DEBRIS,ETC.): Boulders and debris on upstream side, island on downstream side.
DESIGN INFORMATION
CHANNEL BED MATERIAL(7) (SAMPLE RESULTS ATTACHED): Gravel and cobbles with sand and occasional
boulders.
CHANNEL BANK MATERIAL(8) (SAMPLE RESULTS ATTACHED): Silty sand with gravel and boulders.
FOUNDATION BEARING MATERIAL(9):
CHANNEL BANK COVER(10): Grass
FLOOD PLAIN WIDTH(11): EB1 > 100 feet EB2 = 35 feet
FLOOD PLAIN COVER(12): Grass and trees.

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B2-A: 2123.0 Ft.	
B2-B: 2130.0 Ft.	
EB2-A: 2138.0 Ft.	
EB2-B: 2134.0 Ft.	
DATE: (05/09/02
D BODY OF WATER CROSSED. NTS (UNDERMINING, VORKING. OR GRAIN SIZE DISTRIBUTION, FOR GRAIN SIZE ADING OR AGGRADING LLY DURING THE LIFE OF THE ER THE LIFE OF THE BRIDGE	
	B2-B: 2130.0 Ft. EB2-A: 2138.0 Ft. EB2-B: 2134.0 Ft. DATE:

STRUCTURES; OTHER TESTS DEEMED APPROPRIATE; AND OVERALL GEOLOGIC CONDITIONS AT THE SITE.