

GEOTECHNICAL UNIT FIELD SCOUR REPORT

250P34

PROJECT: 8.2951201 ID: B-2583 COUNTY: Madison

DESCRIPTION(1): Bridge on School Drive Over French Broad River.

INFORMATION ON EXISTING BRIDGES Information obtained from: field inspection
microfilm(Reel: Pos:)
x other New Structure

COUNTY BRIDGE NO. BRIDGE LENGTH NO. BENTS IN: CHANNEL FLOOD PLAIN

FOUNDATION TYPE:

EVIDENCE OF SCOUR(2):

ABUTMENTS OR END BENT SLOPES:

INTERIOR BENTS:

CHANNEL BED:

CHANNEL BANKS:

EXISTING SCOUR PROTECTION:

TYPE(3):

EXTENT(4):

EFFECTIVENESS(5):

OBSTRUCTIONS(6) (DAMS,DEBRIS,ETC.): Dam ± meters upstream of CL -Y1-

DESIGN INFORMATION

CHANNEL BED MATERIAL(7) (SAMPLE RESULTS ATTACHED): Sand, gravel, cobbles and boulders.

CHANNEL BANK MATERIAL(8) (SAMPLE RESULTS ATTACHED): Silty sand with gravel.

FOUNDATION BEARING MATERIAL(9): Rock and/or weathered rock.

CHANNEL BANK COVER(10) Grass, shrubs and trees.

FLOOD PLAIN WIDTH(11): South: 3-5 meters North: 20 meters

FLOOD PLAIN COVER(12): Grass, shrubs, and trees.