Rev. 5/91

GEOTECHNICAL UNIT FIELD SCOUR REPORT

PROJECT: 8.1080701 ID: B-3349 COUNTY: Hyde

DESCRIPTION (1): Bridge No. 32 on US 264 over Rose Bay Canal

INFORMATION ON EXISTING BRIDGES Information obtained from X field inspection
_____ microfilm (Reel:_____ Position:_____)
_____ other _____

COUNTY BRIDGE NO. 32 BRIDGE LENGTH 100' NO. BENTS 5 NO. BENTS IN CHANNEL 3 FLOOD PLAIN 2

FOUNDATION TYPE: Timber piles

EVIDENCE OF SCOUR (2):

ABUTMENTS OR END BENT SLOPES: None noted

INTERIOR BENTS: None noted

CHANNEL BED: None noted

CHANNEL BANKS: None noted

EXISTING SCOUR PROTECTION:

TYPE (3): Timber wing walls

EXTENT (4): Width of embankment

EFFECTIVENESS (5): Appears satisfactory

OBSTRUCTIONS (6) (DAMS, DEBRIS, ETC.): None noted

DESIGN INFORMATION

CHANNEL BED MATERIAL (7) (SAMPLE RESULTS ATTACHED): Very soft slightly organic silt (SS-17, SS-31)

CHANNEL BANK MATERIAL (8) (SAMPLE RESULTS ATTACHED): Very soft slightly organic silt and clay (SS-2)

FOUNDATION BEARING MATERIAL (9): Very dense fine to coarse sand

CHANNEL BANK COVER (10): Marsh grass

FLOOD PLAIN WIDTH (11): 3,600 ft.

FLOOD PLAIN COVER (12): Marsh grass