

GEOTECHNICAL UNIT FIELD SCOUR REPORT

PROJECT: 8.0830501 TIP NO.: R-2206B COUNTY: LINCOLN

DESCRIPTION(1): NC 16 PROPOSED OVER FORNEY CREEK AND CSX RR

◆ **INFORMATION ON EXISTING BRIDGES** Information obtained from Field Inspection
 Microfilm (Reel: Position:)
 Other *HYDRO*

COUNTY BRIDGE NO. NEW BRIDGE LENGTH 166+- NO. BENTS 5 NO. BENTS IN: CHANNEL 0 FLOODPLAIN 3

FOUNDATION TYPE: NA

EVIDENCE OF SCOUR(2):

ABUTMENTS OR END BENT SLOPES: NA

INTERIOR BENTS: NA

CHANNEL BED: NA

CHANNEL BANKS: NA

◆ **EXISTING SCOUR PROTECTION:**

TYPE(3): NA

EXTENT(4): NA

EFFECTIVENESS(5): NA

OBSTRUCTIONS(6) (DAMS, DEBRIS, ETC.): NA

◆ **DESIGN INFORMATION**

CHANNEL BED MATERIAL(7) (Sample Results Attached):

*LARGE GRAINED SAND*CHANNEL BANK MATERIAL(8) (Sample Results Attached): *SS-23**BROWN SANDY SILTY CLAY*FOUNDATION BEARING MATERIAL(9): *NO EXISTING BRIDGE, NEW BRIDGE BEARING WILL BE IN WEATHERED OR HARD ROCK.*CHANNEL BANK COVER(10): *TREES*FLOOD PLAIN WIDTH(11): *100 M*FLOOD PLAIN COVER(12): *TREES*STREAM IS: DEGRADING AGGRADING (13)◆ **DESIGN INFORMATION CONT.**

OTHER OBSERVATIONS AND COMMENTS: