

125  
B-C 17.7 D.S. Bridge is Suffered D.S. 540124  
1@ 45', 1@ 70 24" 5' Left  
SS 1.9'  
OTO 33-36' prop.  
RCH 9-26-12

Project# FED. FUNDED LIBR  
TIP# BD-5112V  
Let Date

PREDESIGN-PRESURVEY REPORT

County LINCOLN

DIV 12

WBS#  
LAT: 35.5406 81.3996  
Bridge# 540124  
Road# SR 1113  
Stream HOWARD'S CRK

Type Of Request: POC Force Account TIP NCMA

Date 8/9/12 Name WSH

Assigned To RCH

Checked By

Prior Survey Date NONE (attach copy of prior survey)

Study By Scour Section YES - ATTACHED

Flood Zone Detail Study LIMITED DATA Date Panel# 2686

B.M. Info N/A

Quad Map BANOAK Drainage Area 7.3 Sq Mi From QUAD SHEET  
Q25 1800 cfs Q50 2200 cfs Q100 2500 cfs Method REGRESS. EDNS  
537(7.3)<sup>1.606</sup> = 661(7.3)<sup>1.606</sup> = 776(7.3)<sup>1.594</sup> =

EXISTING BRIDGE INFORMATION

Location 0.1 MILE WEST JCT. SR 1199

Average Daily Traffic 1600 - 2009 6% TRK

Length 111' Bed- To Crown 18' Water Depth 1'

Type Structure REINFORCED CONCRETE DECK ON I-BEAMS

Type Spans 1e 22' 3", 3e 22' 0", 1e 22' 3"

Upstream Structure 127 ON SR 1199

Location 0.4 MI. NORTH JCT. 1113

Bed- To Crown 9' DEPTH 1' Prior Survey

Downstream Structure C 139 ON SR 1198 ((3) BARREL RCBC)

Location 0.7 MI. EAST JCT. SR 1591

Bed- To Crown 16' DEPTH 1' Prior Survey

SCS Watershed NO

ENVIRONMENTAL

Trout Stream NO ✓ Anadromous Fish NO ✓ Primary Nursery Area NO ✓

High Quality Waters NO ✓ Nutrient Sensitive Waters

Near Water Supply Intake NO ✓ CAMA County NO ✓

Stream Classification C # 11-129-4 8-1-98

DENR River Basin Info. CATAWBA