

POSSIBLE REPLACEMENT W/ CULVERT.

MDA OK.

GOOD CANDIDATE.

affluent 75'

B-C 9.2 SS 1.4
3@ 10x9 RCBC 10' L
or 1@ 45 21' L
OTO 30' Prop.
RCH 9-26-12

PREDESIGN-PRESURVEY REPORT

Project#
TIP#
Let Date
WBS# 17BP.12.R.22

County Cleveland

Bridge# 220255
Road# SR 1207
Name Wood Rd
Stream Ashworth Cr Trib 5

Type Of Request: POC Force Account TIP NCMA

Date 8/1/2011 Name Sungate Design Assigned To

Checked By WHW

Prior Survey Date None (attach copy of prior survey)

Study By Scour Section No

Flood Zone Yes Detail Study Limited Date 7/2/08 Panel# 1573

B.M. Info N/A

Quad Map Boiling Springs South Drainage Area 0.96 Sq Miles From USGS Quad Map
Q25 540 cfs Q50 660 cfs Q100 780 cfs Method Rural Regression Eqs
500 700 800

EXISTING BRIDGE INFORMATION

Location 0.1 miles west of junction with SR 1208
Average Daily Traffic 510
Length 51'-6" Bed- To Crown 9' Water Depth 1'
Type Structure Reinforced concrete deck on I-beams, timber caps and piles
Type Spans 1 @ 17'-3", 1 @ 17'-0", 1 @ 17'-3" ✓
Upstream Structure N/A
Location
Bed- To Crown Prior Survey
Downstream Structure Not Comparable
Location
Bed- To Crown Prior Survey
SCS Watershed

ENVIRONMENTAL

Trout Stream No ✓ Anadromous Fish No ✓ Primary Nursery Area No ✓
High Quality Waters No ✓ Nutrient Sensitive Waters No ✓
Near Water Supply Intake No ✓ CAMA County No ✓
Stream Classification WS-IV ✓
DENR River Basin Info. Broad ✓
State Stormwater Permit Not Required

Estimated Structure = 3 @ 11 X 8 RCBC Area = 231 SF HW/D = .85

Area under existing bridge = 214 SF