

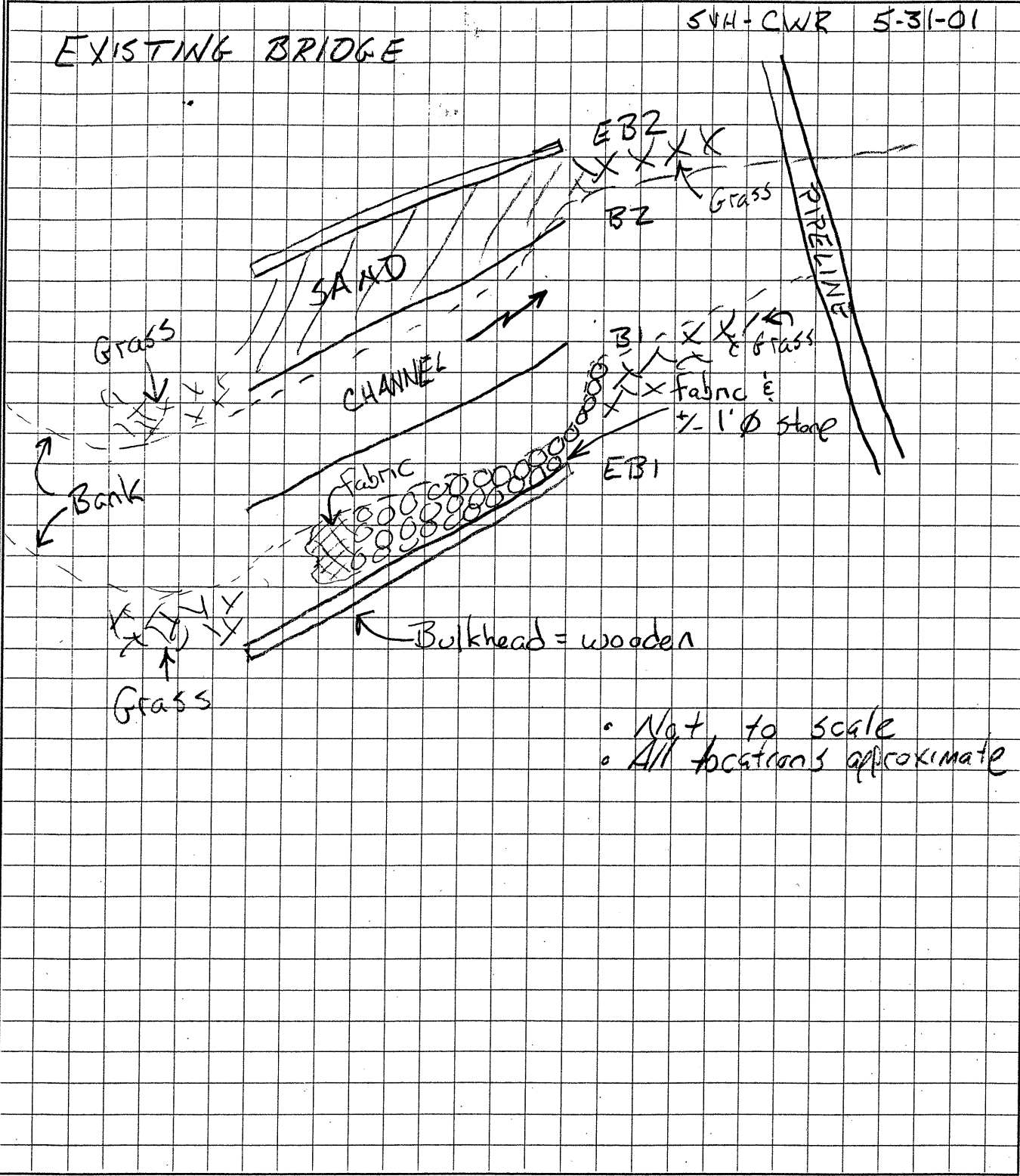


SKETCH/COMPUTATION SHEET

PROJECT #: 8.1442601
 TIP #: U-0620
 F.A. #: STP-0622(2)
 COUNTY: Cumberland

CATLIN PROJECT:
 NCDOT GEO - BEAVER CREEK
 CATLIN #: 201-075

SITE DESCRIPTION:
 Bridge on Hope Mills Bypass (-L-) over Beaver Creek



PROJECT #: 8.1442601
 COUNTY: Cumberland
 DESCRIPTION: Bridge on Hope Mills Bypass (-L-) over Beaver Creek

SAMPLE #	CHANNEL BED MATERIAL		CHANNEL BANK MATERIAL	
	GS-01		GS-02	GS-03
RETAINED #4	1.8		3.2	6.6
PASSING #10	95.3		93.8	8.2
PASSING #40	94.2		68.2	59.7
PASSING #200	11.2		12.9	3.8
COARSE SAND	23.3		51.8	60.2
FINE SAND	67.0		38.3	38.8
SILT	7.7		1.9	0.4
CLAY	2.0		8.0	0.6
LL	20		17	17
PL	NP		NP	NP
AASHTO CLASSIFICATION	A-2-4/0		A-2-4/0	A-3/0
STATION	32+44.0		31+83.0	32+48.4
OFFSET	0		35.2 Lt	42.0 Lt
DEPTH	0 to .5		1 to 3	1 to 3