DESCRIPTION: US 74 From West of SR 1157 (Henry Berry Rd.) to West of SR 1164 (Back Swamp Rd.)	METRIC	PROJ. NO.: 6.469002T	SHEET NO. 65
		T.I.P. NO.: R-0513BB	TOTAL SHEETS: 65
		F.A. NO.: N/A	R/W SHEET NO.:
		COUNTY: Robeson	
PREPARED BY: CATLIN ENGINEERS and SCIENTISTS WILMINGTON, NORTH CAROLINA	CATLIN PROJECT NAME: NCDOT ROBESON COUNTY US 74 (SR 1157 to SR 1164) CATLIN PROJECT NUMBER: 201-135	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	CONST.REV.	PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
	R/W REV.	INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	

NCDOT LABORATORY SUMMARY SHEET

AASHTO Standard Specifications

(As modified by NCDOT, Material and Tests Unit, 2000.)

TEST RESULTS

Field Sample Number	SS-48	SS-49	SS-50												
Lab Sample Number	SS-48	SS-49	SS-50												
Retained #4 Sieve %	0	0	0												
Passing #10 Sieve %	100	100	100												
Passing #40 Sieve %	98	98	96												
Passing #200 Sieve %	70	72	70												
MINUS NUMBER 10 FRACTION															
SOIL MORTAR - 100%															
Coarse Sand Ret.-#60 %	4.0	4.3	7.4												
Fine Sand Ret.-#270 %	36.4	35.1	25.7												
Silt 0.05 - 0.005mm %	36.6	25.9	24.6												
Clay <0.005mm %	23.0	34.7	42.3												
Liquid Limit (LL)	27	23	55												
Plasticity Index (PI)	10	9	36												
AASHTO Classification /Group Index	A-4(5)	A-4(4)	A-7-6(24)												
Station	36+20	38+60	38+60												
Offset	0	0	0												
Alignment	-SR5-	-SR5-	-SR5-												
Boring Identification	SR5-09	SR5-10	SR5-10												
Depth (M)	0.0	0.0	1.2												
to	0.45	0.45	1.65												
Moisture Content	17	16	26												
Tested By	MDM	MDM	MDM												
Submitted By	SVH	SVH	SVH												
Date Submitted	11/14/01	01/28/02	01/28/02												

NP = Non-Plastic

Report Date: 2/25/2002