

09/05/99

TIP PROJECT: B-3640

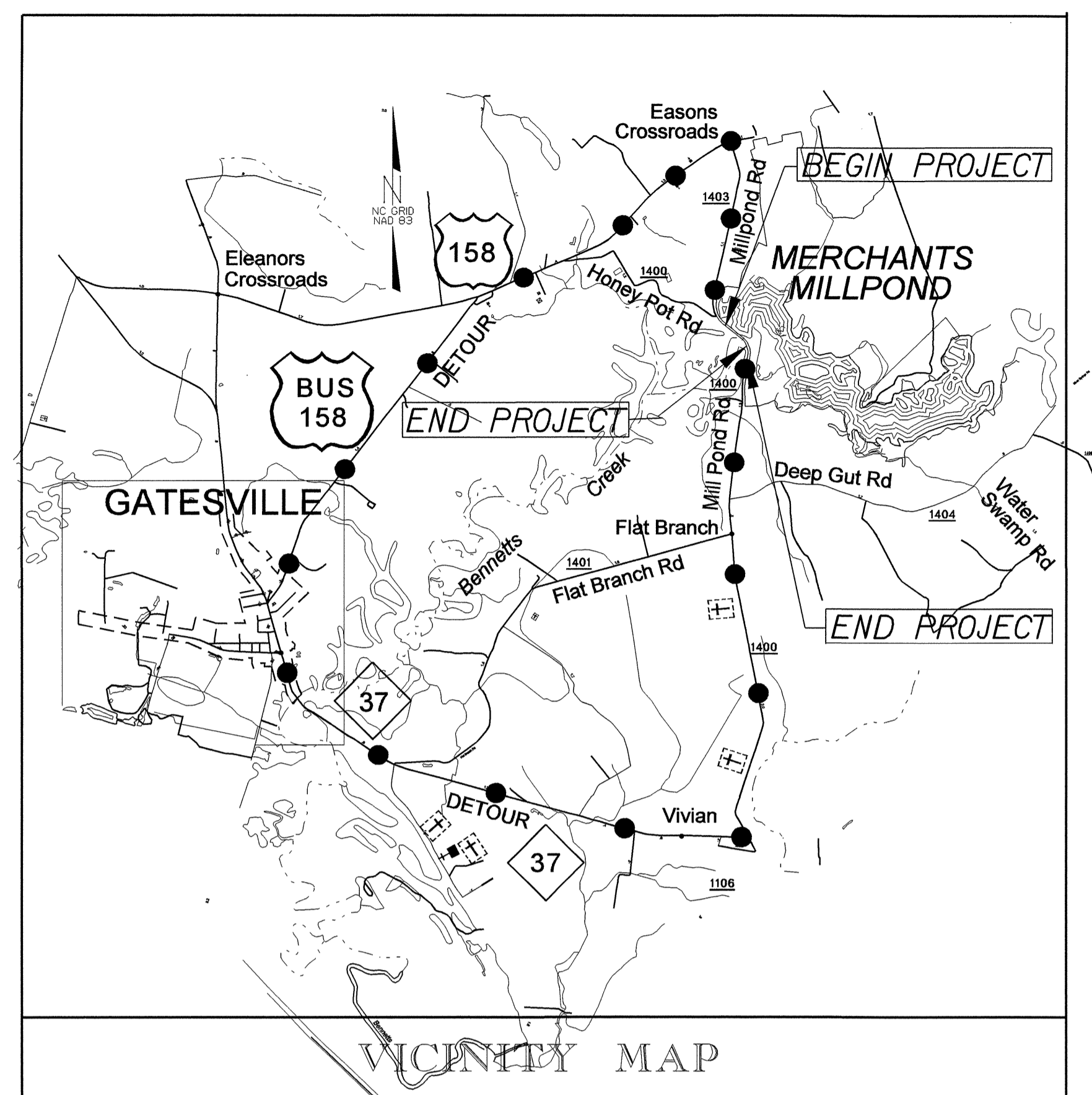
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

T.I.P. NO.	SHEET NO.
B-3640	UO-1

UTILITY BY OTHERS PLANS
GATES COUNTY

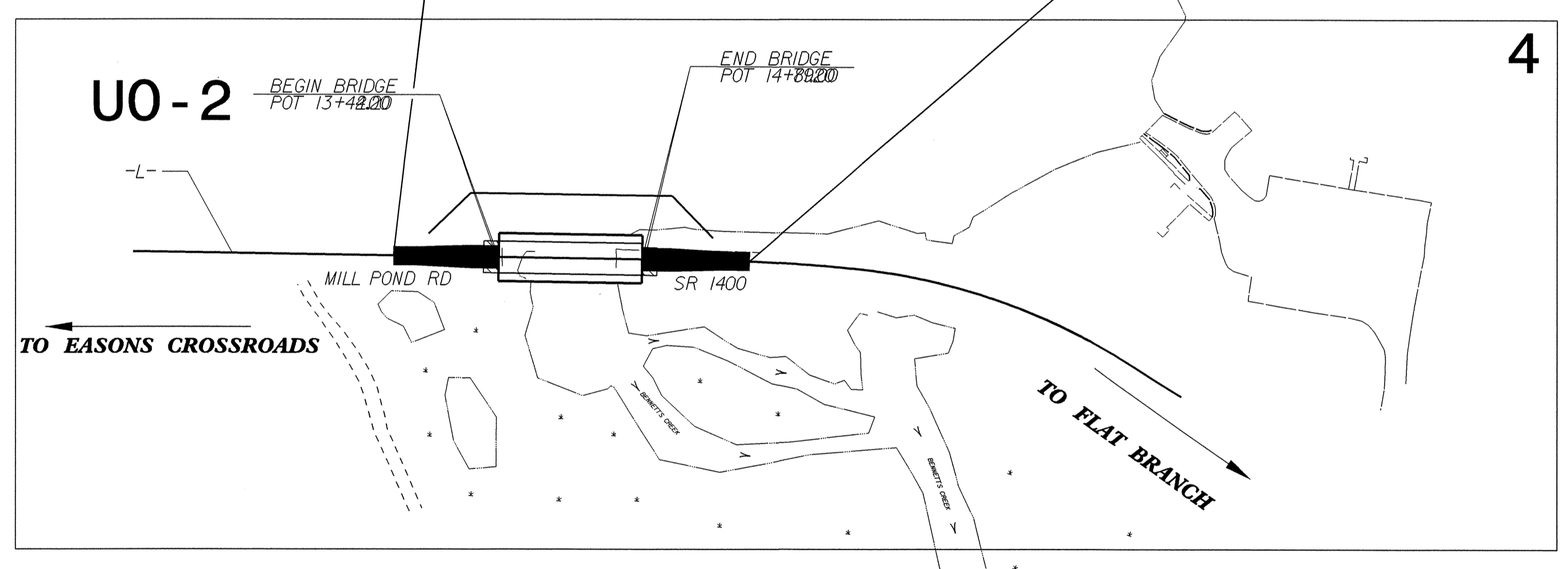
LOCATION: BRIDGE 16 OVER MERCHANTS MILL POND
ON SR 1400 (HONEY POT RD/MILL-POND RD)

TYPE OF WORK: RELOCATION OF POWER AND TELEPHONE LINES

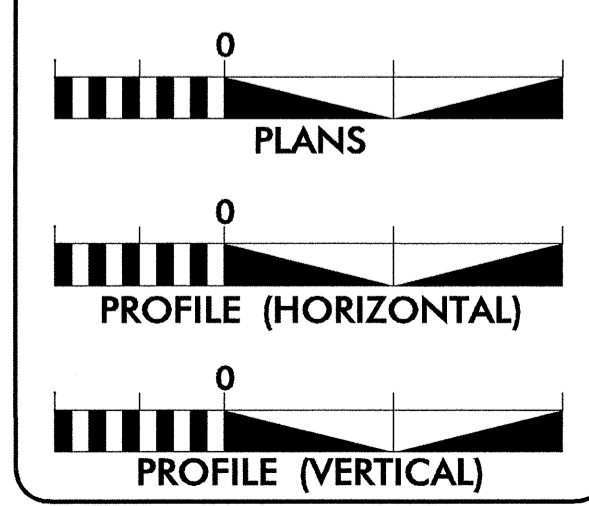


STA. 12+45.00 -L- BEGIN TIP PROJECT B-3640

STA. 15+80.00 -L- END TIP PROJECT B-3640



GRAPHIC SCALES

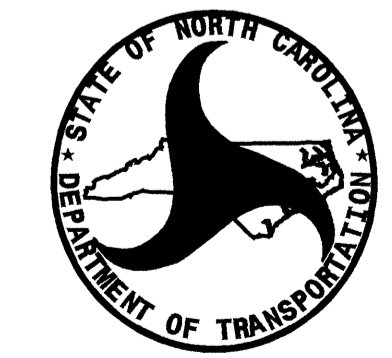


INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2	UTILITY BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT

- (1) ROANOKE EMC
- (2) SPRINT



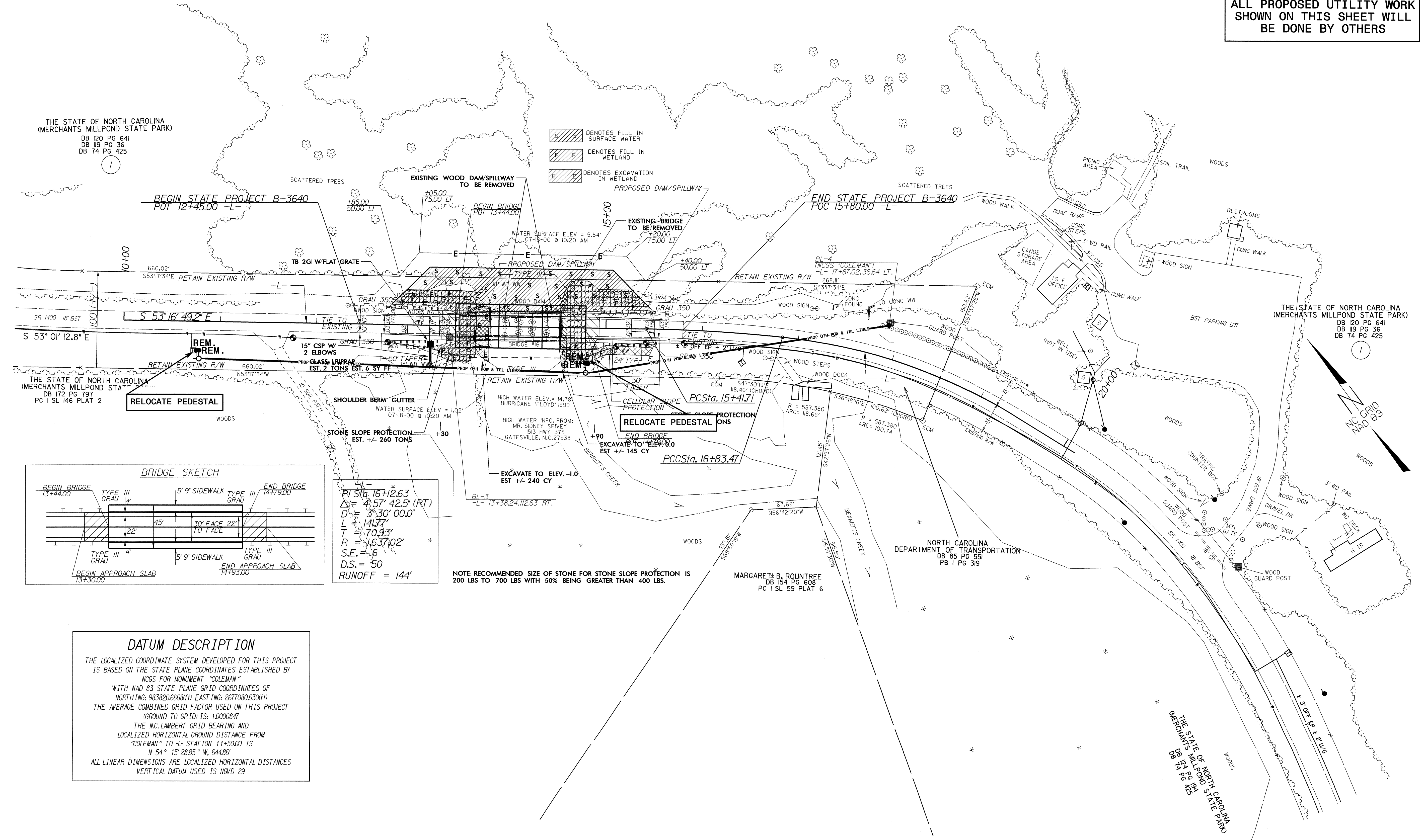
PREPARED IN THE OFFICE OF:
DIVISION OF HIGHWAYS
DESIGN SERVICES
UTILITY SECTION
 1591 MAIL SERVICES CENTER
 RALEIGH, NC 27699-1591
 PHONE (919) 250-4128
 FAX (919) 250-4119

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Corey Bousquet, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Kifah Kamil UTILITIES PROJECT DESIGNER

29-MAR-2006 10:46
 F:\utilities\rd\ut\proj\b3640\sh01\ut_l_uoi.dgn
 kkamill AT PS214554

UTILITIES BY OTHERS

NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



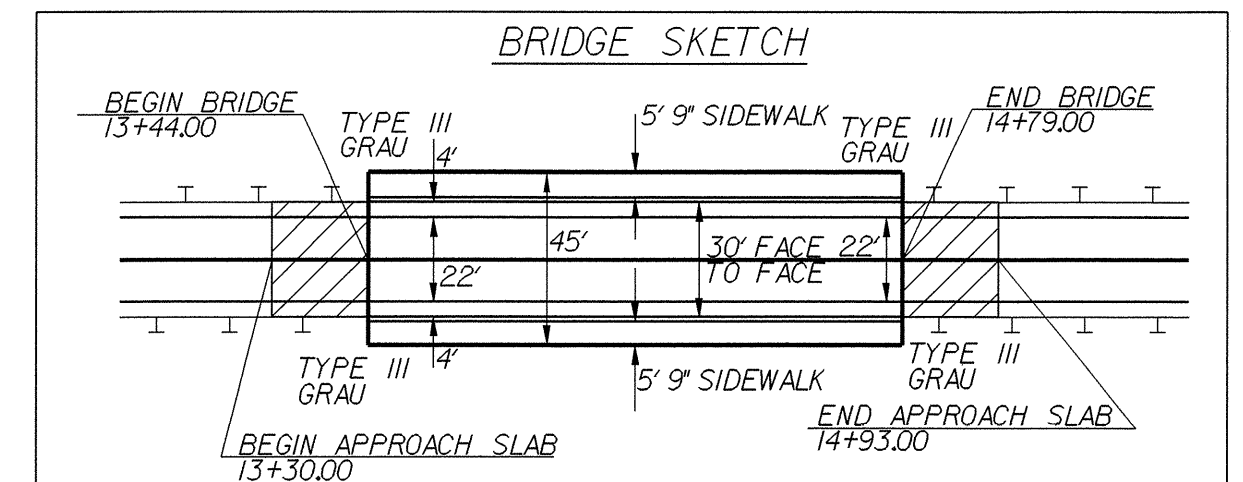
THE STATE OF NORTH CAROLINA
 (MERCHANTS MILLPOND STATE PARK)
 DB 120 PG 641
 DB 119 PG 36
 DB 74 PG 425

THE STATE OF NORTH CAROLINA
 (MERCHANTS MILLPOND STATE PARK)
 DB 120 PG 641
 DB 119 PG 36
 DB 74 PG 425

THE STATE OF NORTH CAROLINA
 (MERCHANTS MILLPOND STA...)
 DB 172 PG 797
 PC 1 SL 146 PLAT 2

NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 DB 85 PG 551
 PB 1 PG 319

MARGARET B. ROUNTREE
 DB 154 PG 608
 PC 1 SL 59 PLAT 6



PI Sta. 16+12.63
 $\Delta = 4.57' 42.5" (RT)$
 $D = 3' 30' 00.0"$
 $L = 141.77'$
 $T = 70.93'$
 $R = 1,637.02'$
 $S.E. = 6$
 $D.S. = 50$
 $RUNOFF = 144'$

NOTE: RECOMMENDED SIZE OF STONE FOR STONE SLOPE PROTECTION IS
 200 LBS TO 700 LBS WITH 50% BEING GREATER THAN 400 LBS.

DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
 IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
 NCGS FOR MONUMENT "COLEMAN"
 WITH MAD 83 STATE PLANE GRID COORDINATES OF
 NORTHING: 983820.6668(11) EASTING: 2677080.6301(11)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
 (GROUND TO GRID) IS: 1.0000847
 THE N.C. LAMBERT GRID BEARING AND
 LOCALIZED HORIZONTAL GROUND DISTANCE FROM
 "COLEMAN" TO -L- STATION 11+50.00 IS
 N 54° 15' 28.85" W, 644.86'
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NGVD 29

5/14/99
 29-MAR-2006 10:38
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