

TIP PROJECT: B-4312

CONTRACT: C201874

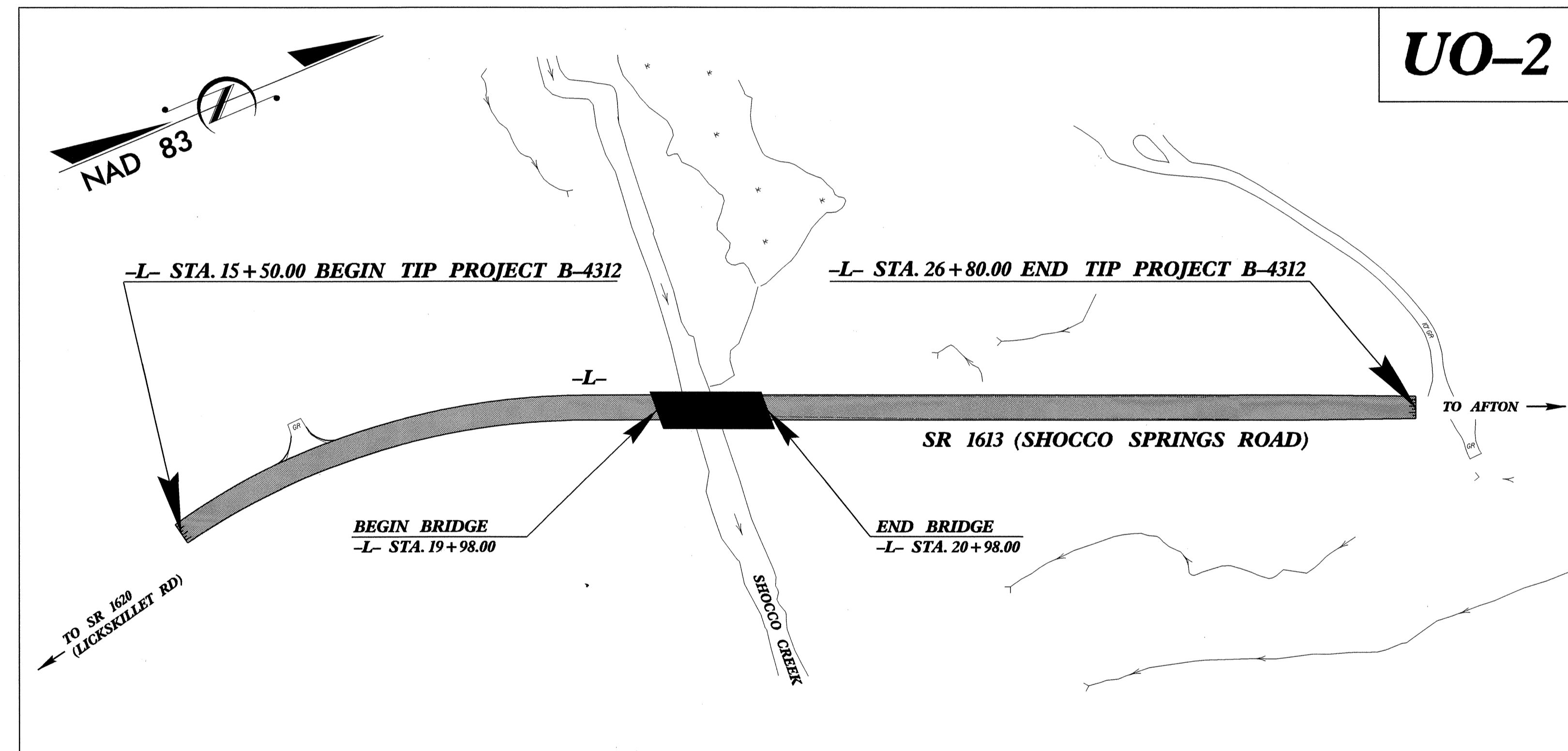
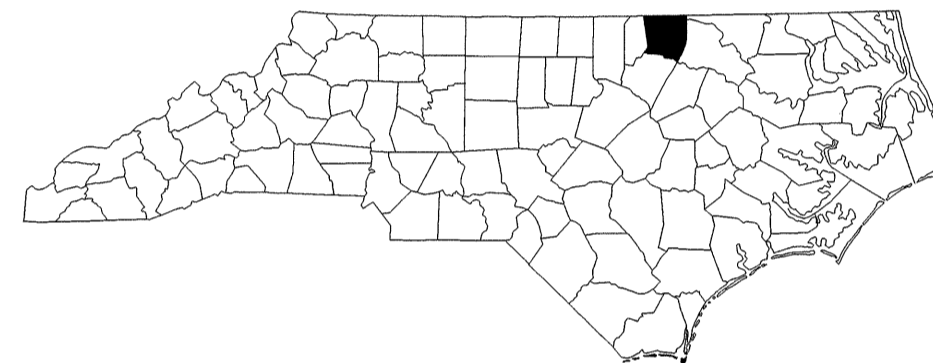
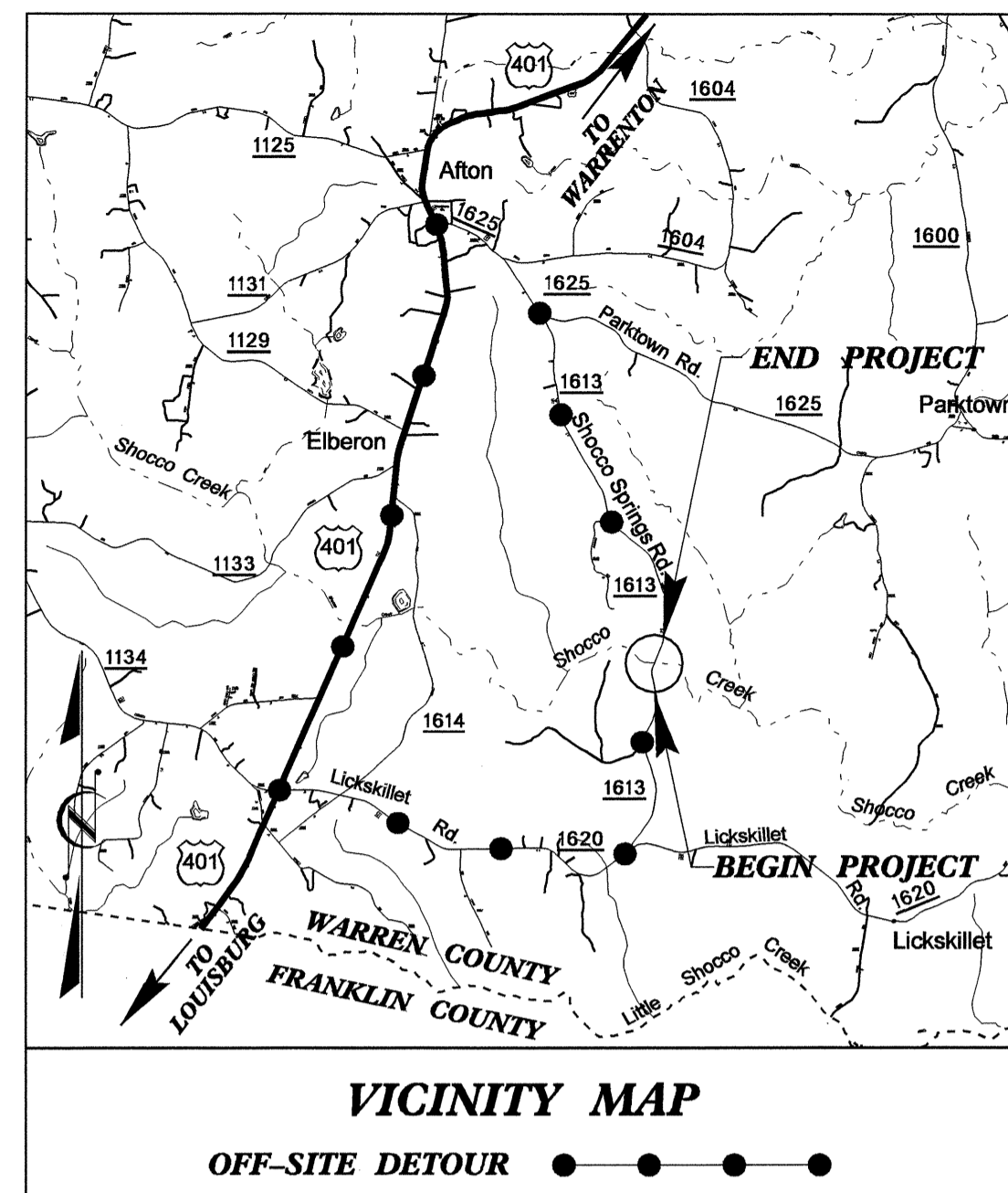
T.I.P. NO.	SHEET NO.
B-4312	UO-1

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

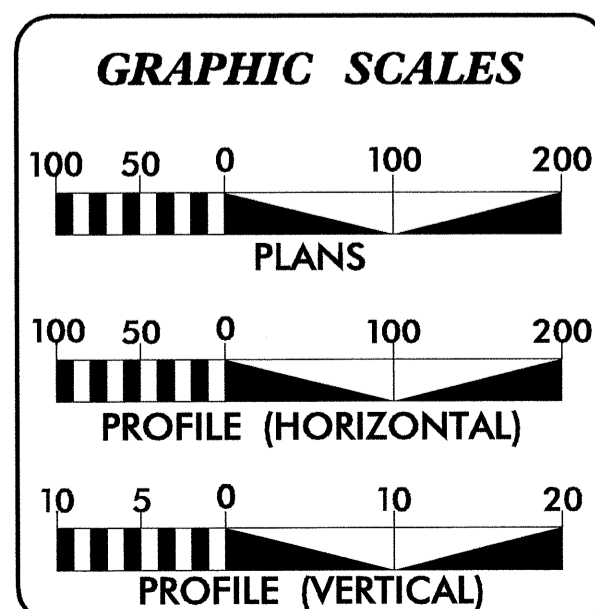
**UTILITIES BY OTHERS PLANS  
WARREN COUNTY**

LOCATION: BRIDGE No. 42 OVER SHOCCO CREEK AND  
APPROACHES ON SR 1613 (SHOCCO SPRINGS ROAD)

TYPE OF WORK: UTILITY RELOCATION



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.  
THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.



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

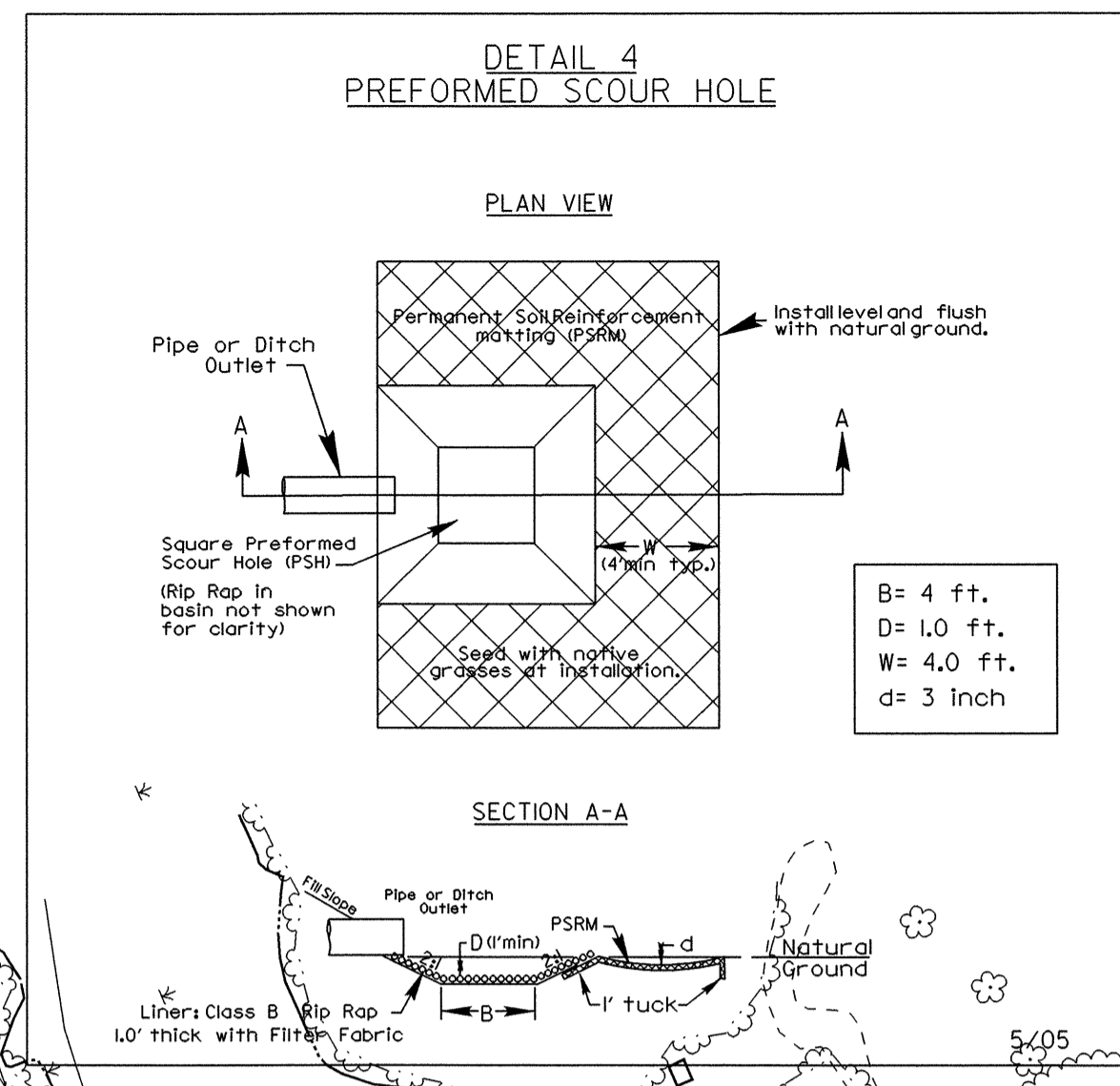
UTILITY OWNERS ON PROJECT
(1) HALIFAX EMC - ELECTRIC
(2) EMBARQ - TELEPHONE

PREPARED IN THE OFFICE OF:  
**DIVISION OF HIGHWAYS  
PROJECT 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  
**Steve McKee, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Donald W. Proper** UTILITIES PROJECT DESIGNER

**UTILITIES BY OTHERS**

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



**BEGIN TIP PROJECT B-4312**  
 -L- POC STA. 15+50.00

**PROPOSED EMBARQ TELEPHONE PEDESTALS**

**PROPOSED EMBARQ U/G TELEPHONE LINES BY TRENCHLESS INSTALLATION**

**PROPOSED EMBARQ U/G TELEPHONE LINES BY OPEN TRENCH INSTALLATION**

**PROPOSED EMBARQ U/G TELEPHONE LINES BY OPEN TRENCH INSTALLATION**

-L- POT Sta. 27+90.82

-L- +80.00  
 EX. R/W & 50.00'

CONNECT TO EXISTING U/G TELEPHONE CABLES

CONNECT TO EXISTING UTILITY POLE

-L- +50.00  
 EX. R/W & 50.00'

CONNECT TO EXISTING U/G TELEPHONE CABLES

SPECIAL CUT DITCH SEE DETAIL 1

-L- +50.00  
 EX. R/W & 50.00'

-L- PC Sta. 15+39.67

**PROPOSED HALIFAX EMC UTILITY POLES**

**PROPOSED HALIFAX EMC ELECTRIC LINES**

-L- +95.00  
 50.00'  
 65.00' & 66.00'

-L- +32.00  
 50.00'  
 65.00' & 70.00'

**END TIP PROJECT B-4312**  
 -L- POT STA. 26+80.00

-L- +80.00  
 EX. R/W & 50.00'

**-L-**

\* PI Sta 17+44.56  
 $\Delta = 34^{\circ} 59' 32.5''$  (RT)  
 $D = 8^{\circ} 48' 53.0''$   
 $L = 396.98'$   
 $T = 204.90'$   
 $R = 650.00'$   
 $SE = 0.06$   
 $RO = \text{SEE PLANS}$   
 $V_g = 45 \text{ MPH}$

