

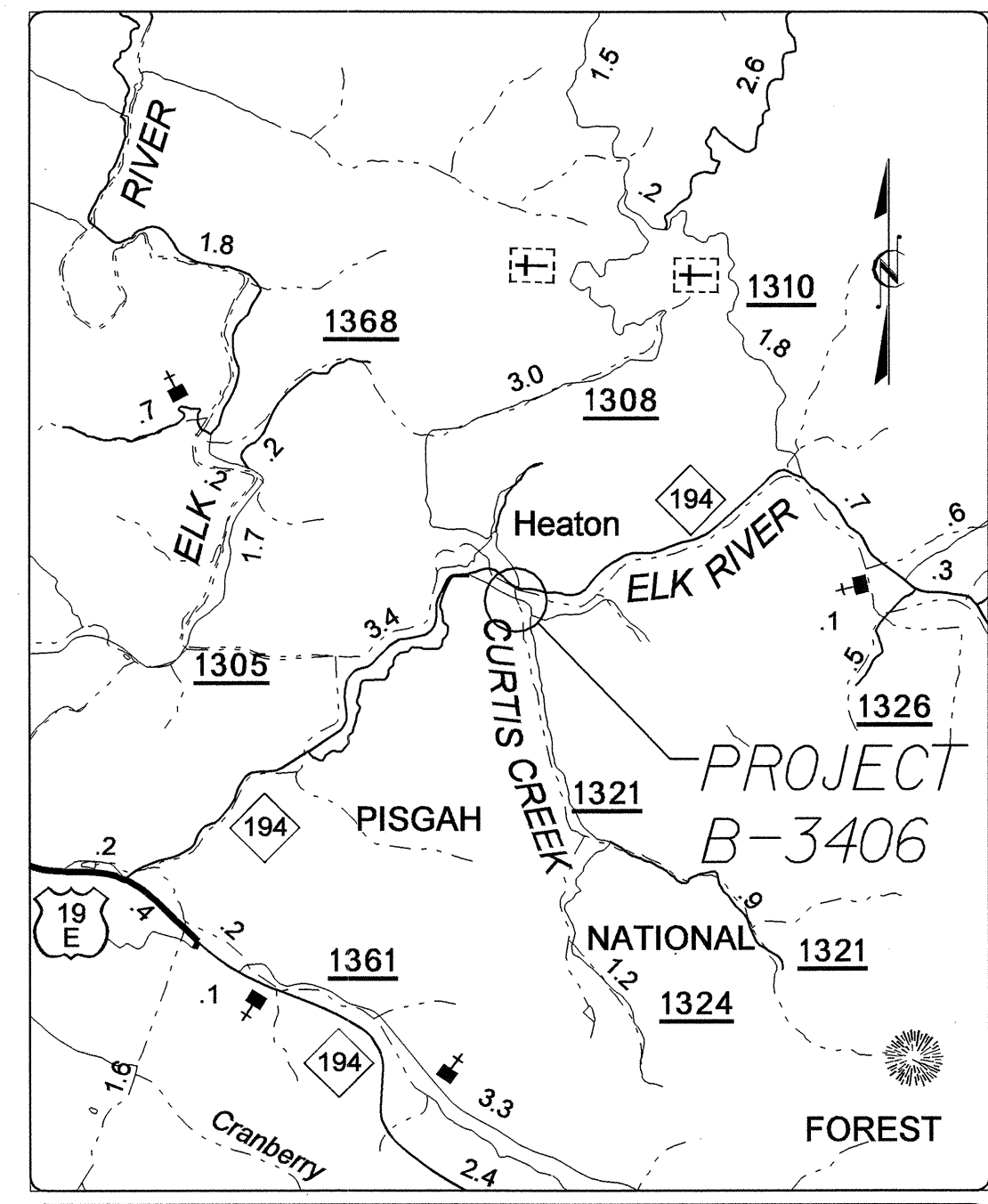
T.I.P. NO.	SHEET NO.
B-3406	UC-1

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

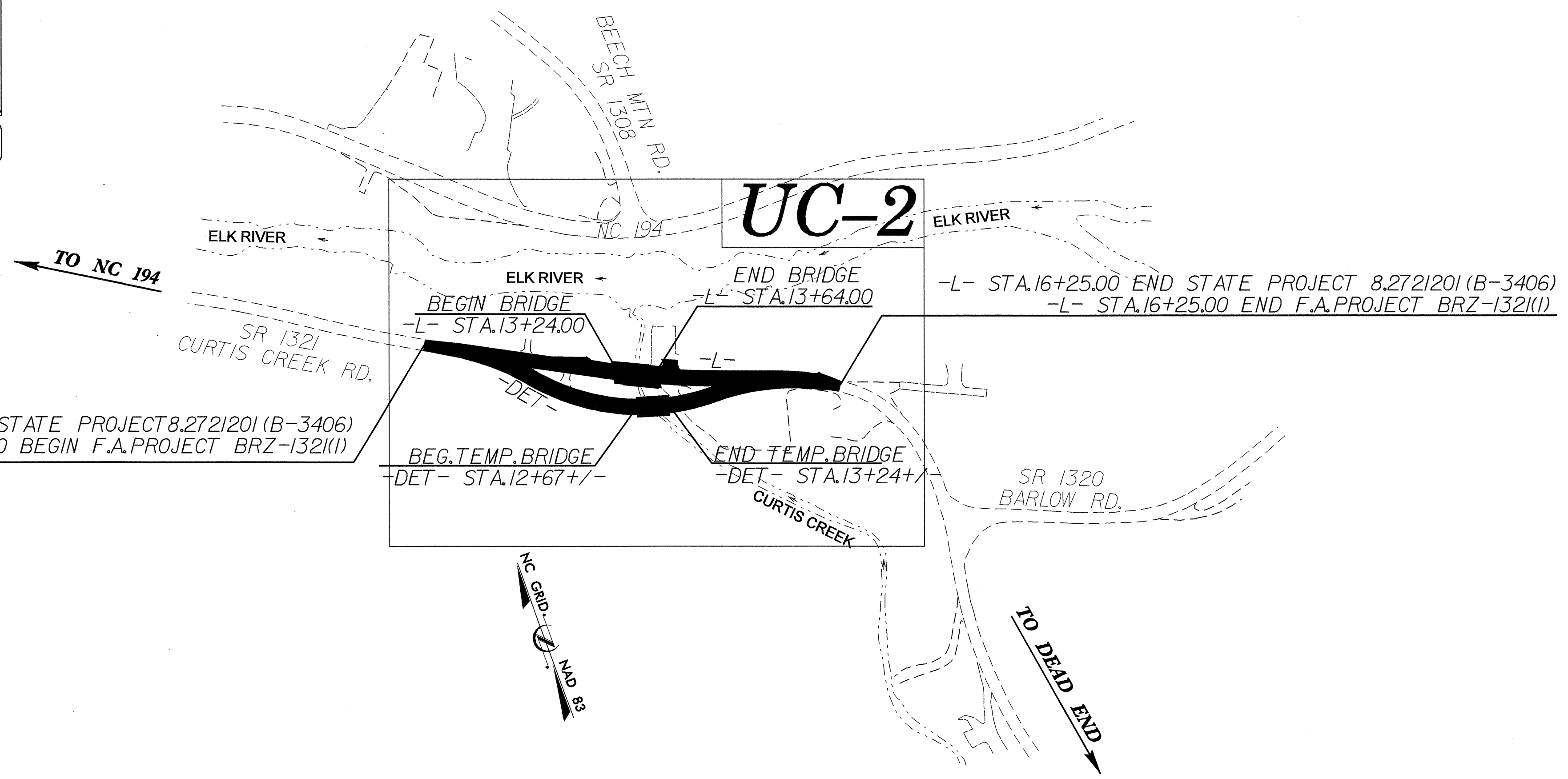
**UTILITY CONSTRUCTION PLANS  
AVERY COUNTY**

**LOCATION: BRIDGE NO. 28 OVER CURTIS CREEK  
ON SR 1321**

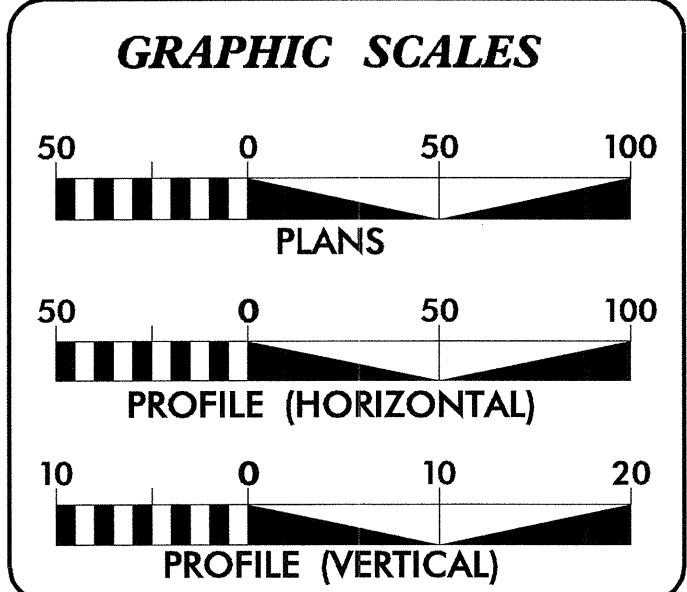
**TYPE OF WORK: UTILITIES**



VICINITY MAP FOR PROJECT B-3406



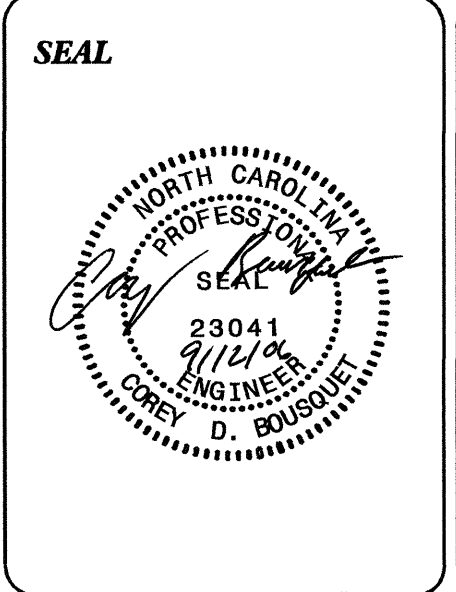
**TIP PROJECT: B-3406**



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2	UTILITY CONSTRUCTION PLAN SHEET

**WATER AND SEWER OWNERS ON PROJECT**

(1) Jason A. McKinney



PREPARED IN THE OFFICE OF:  
**DIVISION OF HIGHWAYS  
PROJECT SERVICES  
UTILITY SECTION**

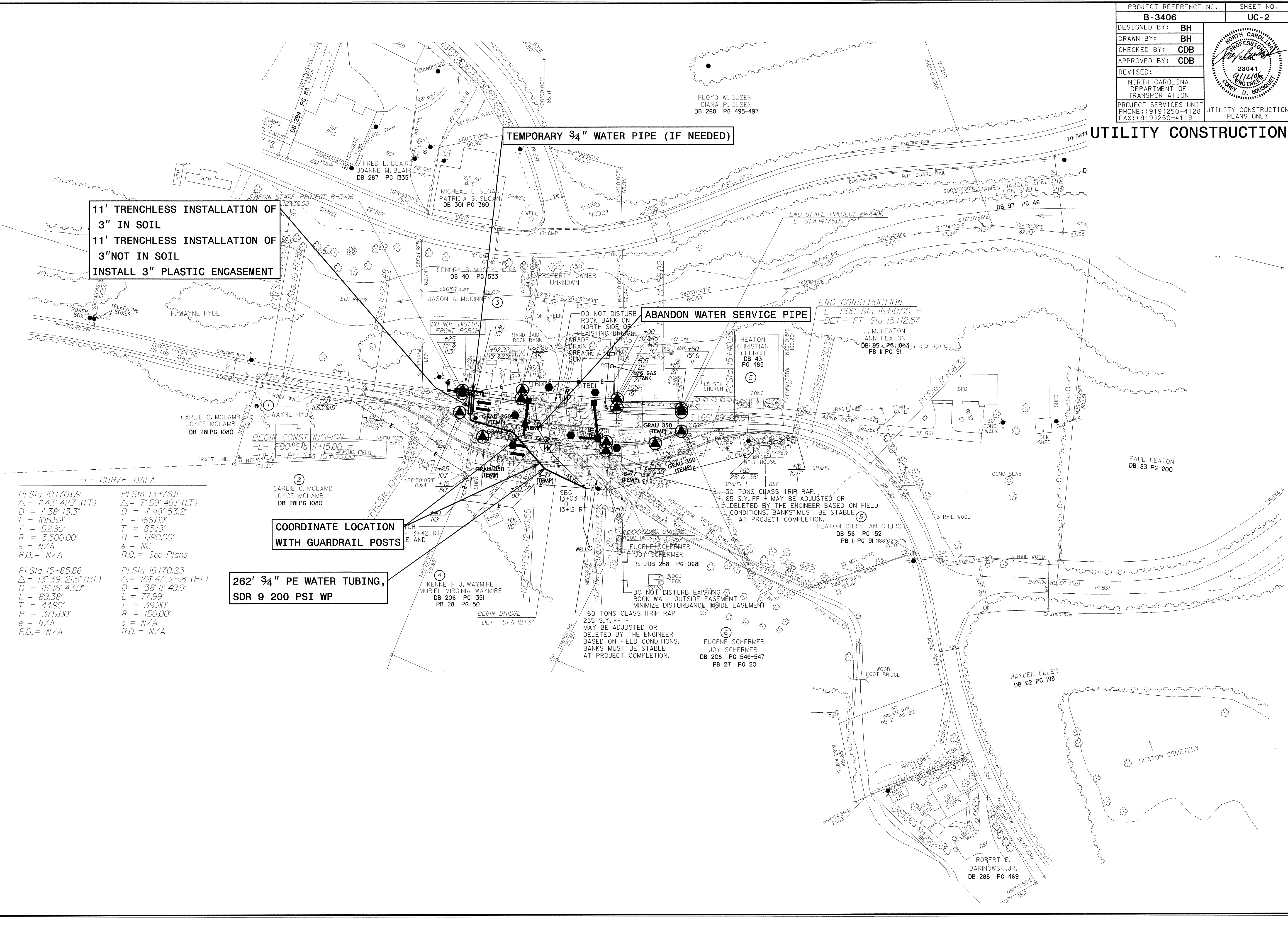
1591 MAIL SERVICES CENTER  
RALEIGH, NC 27699-1591  
PHONE (919) 250-4128  
FAX (919) 250-4119

**Roger Worthington, P.E.** UTILITIES SECTION ENGINEER  
**Corey Bousquet, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Bo Hemphill** UTILITIES PROJECT DESIGNER

12-SEP-2006 10:58  
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\$\$\$\$USERNAME\$\$\$\$

PROJECT REFERENCE NO.	SHEET NO.
<b>B-3406</b>	<b>UC-2</b>
DESIGNED BY: <b>BH</b>	
DRAWN BY: <b>BH</b>	
CHECKED BY: <b>CDB</b>	
APPROVED BY: <b>CDB</b>	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

5/14/99  
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**11' TRENCHLESS INSTALLATION OF 3" IN SOIL**  
**11' TRENCHLESS INSTALLATION OF 3" NOT IN SOIL**  
**INSTALL 3" PLASTIC ENCASEMENT**

**TEMPORARY 3/4" WATER PIPE (IF NEEDED)**

**ABANDON WATER SERVICE PIPE**

**-L- CURVE DATA**

PI Sta 10+70.69	PI Sta 13+76.11
Δ = 1° 43' 42.7" (LT)	Δ = 7° 59' 49.1" (LT)
D = 1° 38' 13.3"	D = 4° 48' 53.2"
L = 105.59'	L = 166.09'
T = 52.80'	T = 83.18'
R = 3,500.00'	R = 1,190.00'
e = N/A	e = NC
R.O. = N/A	R.O. = See Plans
PI Sta 15+85.86	PI Sta 16+70.23
Δ = 13° 39' 21.5" (RT)	Δ = 29° 47' 25.8" (RT)
D = 15° 16' 43.9"	D = 38° 11' 49.9"
L = 89.38'	L = 77.99'
T = 44.90'	T = 39.90'
R = 375.00'	R = 150.00'
e = N/A	e = N/A
R.O. = N/A	R.O. = N/A

**COORDINATE LOCATION WITH GUARDRAIL POSTS**

**262' 3/4" PE WATER TUBING, SDR 9 200 PSI WP**

**UTILITY CONSTRUCTION**

TIP PROJECT: B-3406

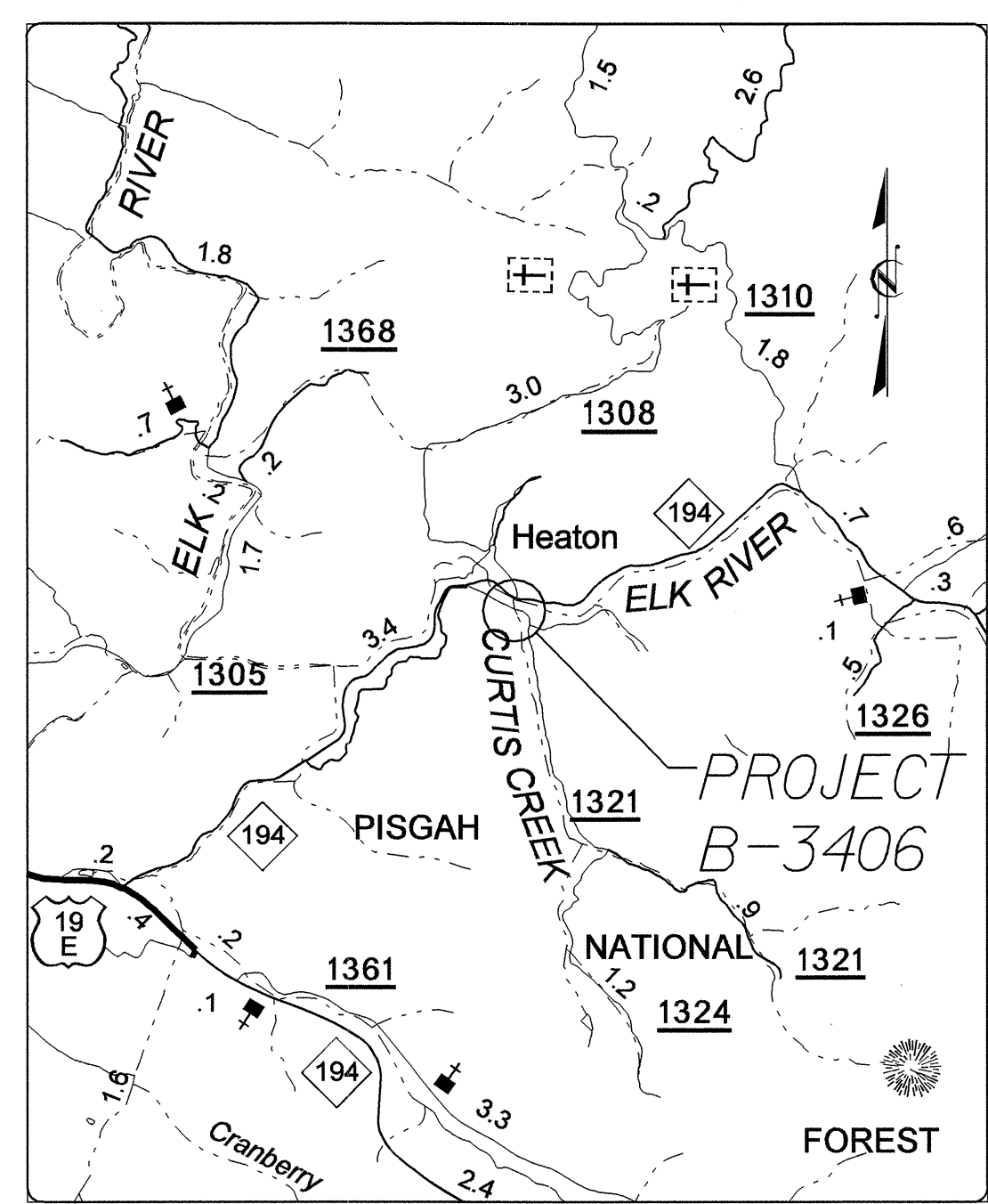
T.I.P. NO.	SHEET NO.
B-3406	UO-1

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

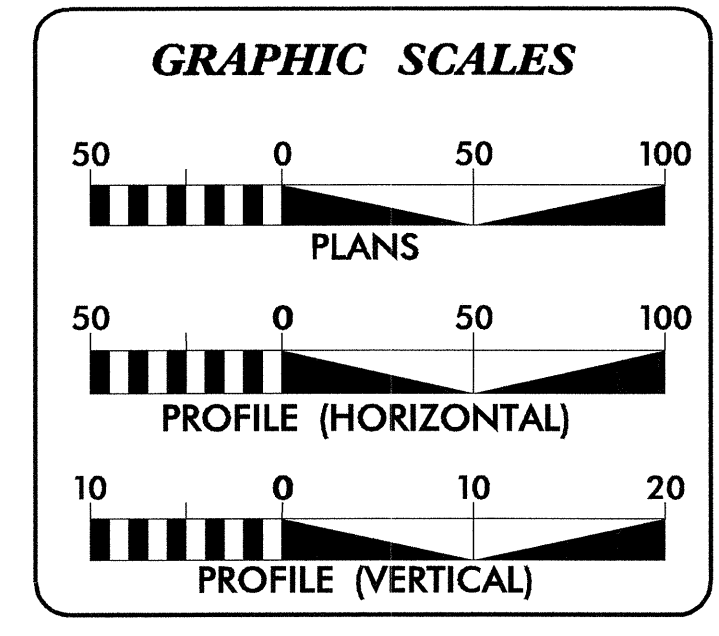
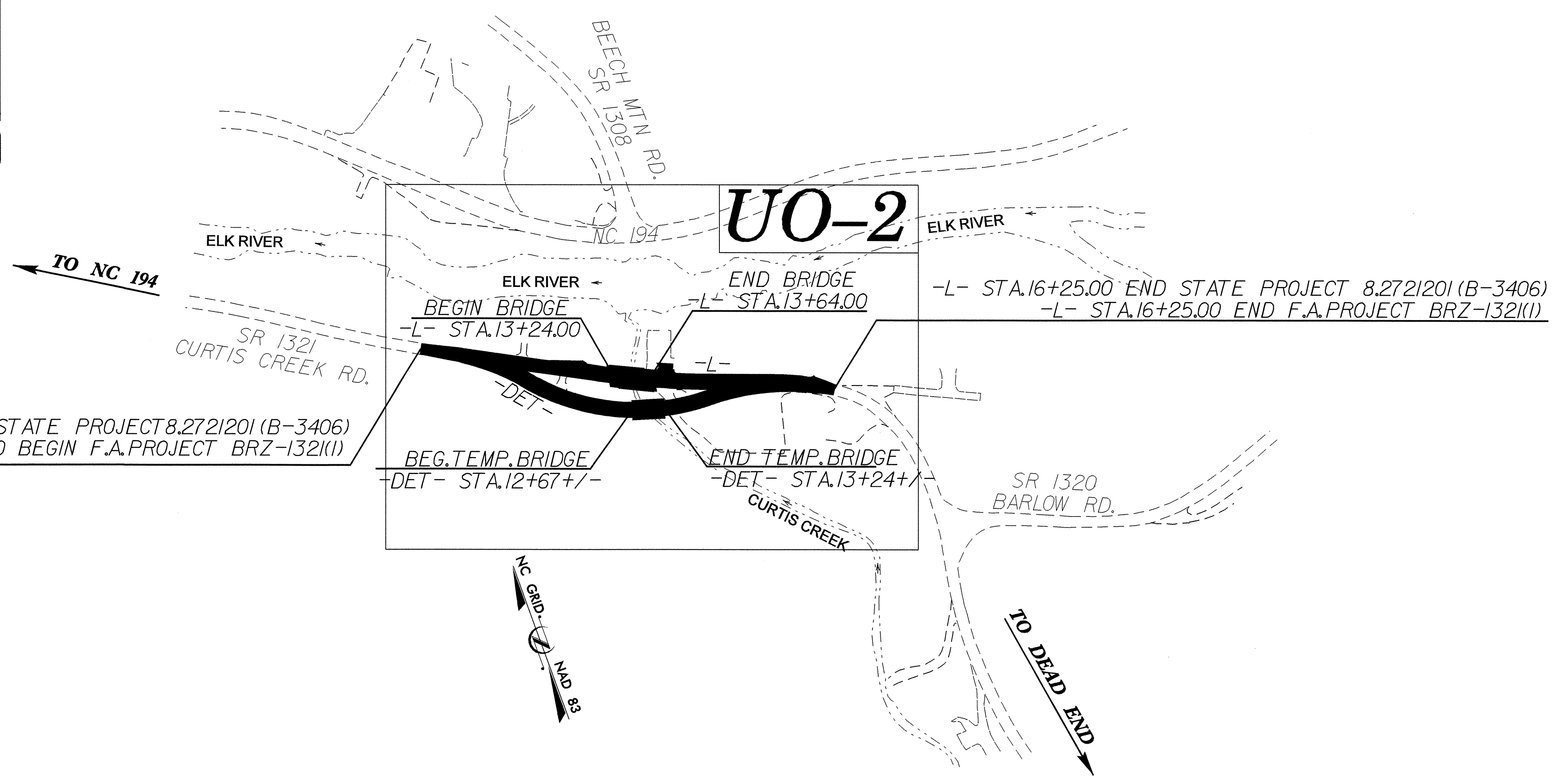
**UTILITY BY OTHERS PLANS  
AVERY COUNTY**

**LOCATION: BRIDGE NO. 28 OVER CURTIS CREEK  
ON SR 1321**

**TYPE OF WORK: UTILITIES**



VICINITY MAP FOR PROJECT B-3406

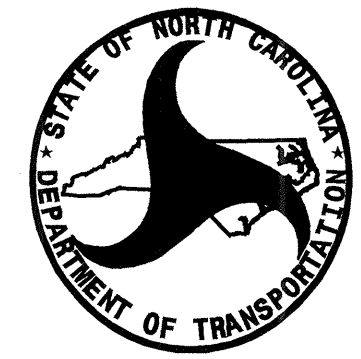


**INDEX OF SHEETS**

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

**UTILITY OWNERS ON PROJECT**

- Mountain Electric CO-OP
- BellSouth
- Charter Communications



PREPARED IN THE OFFICE OF:  
**DIVISION OF HIGHWAYS  
PROJECT SERVICES  
UTILITY SECTION**

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**Corey Bousquet, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Bo Hemphill** UTILITIES PROJECT DESIGNER

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\$\$\$\$\$USERNAME\$\$\$\$\$

UTILITIES BY OTHERS

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



-L- CURVE DATA

PI Sta 10+70.69 Δ = 1° 43' 42.7" (LT) D = 1' 38' 13.3" L = 105.59' T = 52.80' R = 3,500.00' e = N/A R.O. = N/A	PI Sta 13+76.11 Δ = 7° 59' 49.1" (LT) D = 4' 48' 53.2" L = 166.09' T = 83.18' R = 1,190.00' e = NC R.O. = See Plans
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5/14/99  
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