

09/08/99

See Sheet 1-A For Index of Sheets

T.I.P. NO.	SHEET NO.
B-4019	UC-1

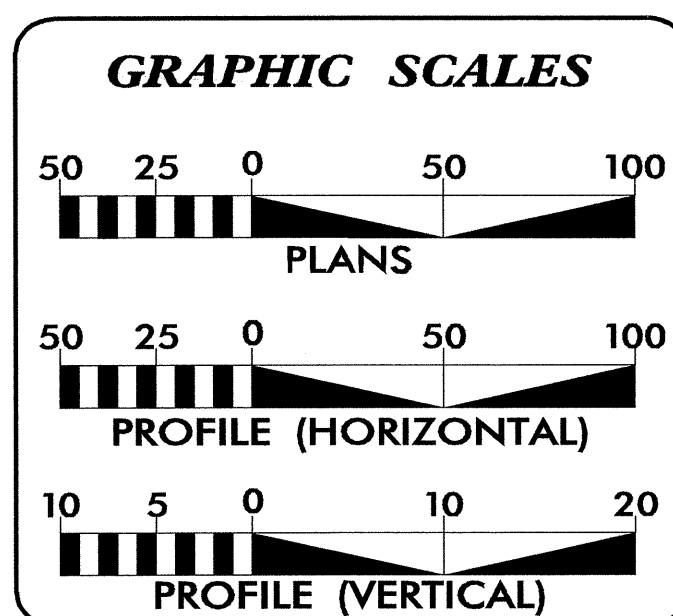
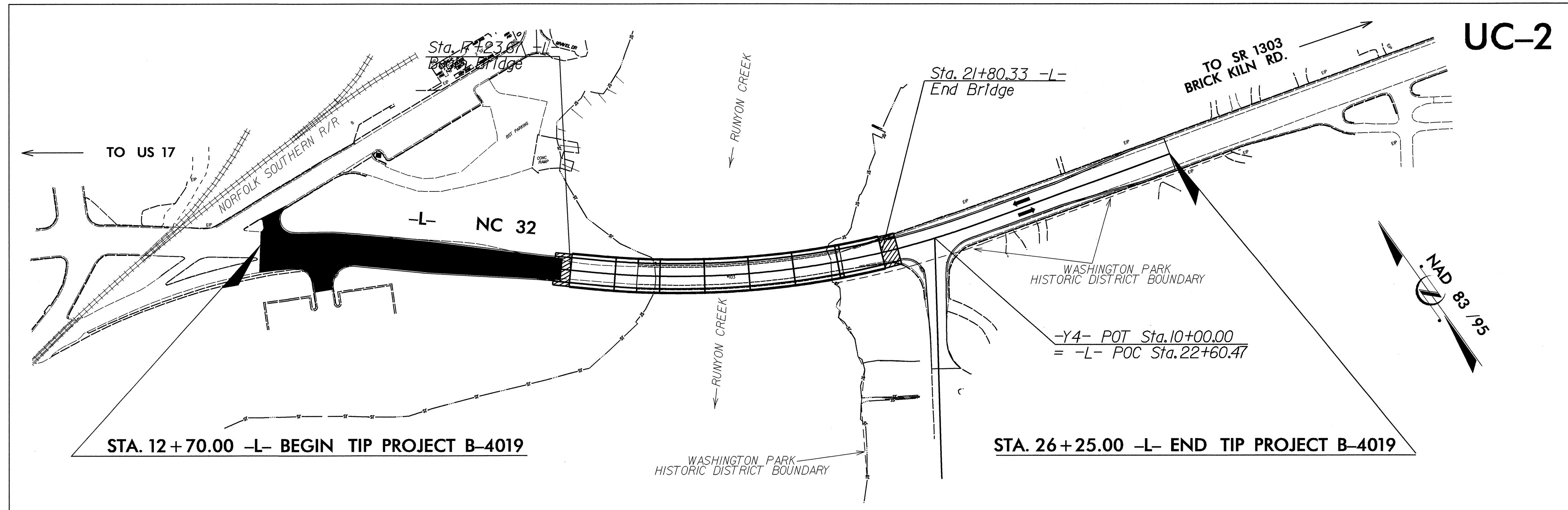
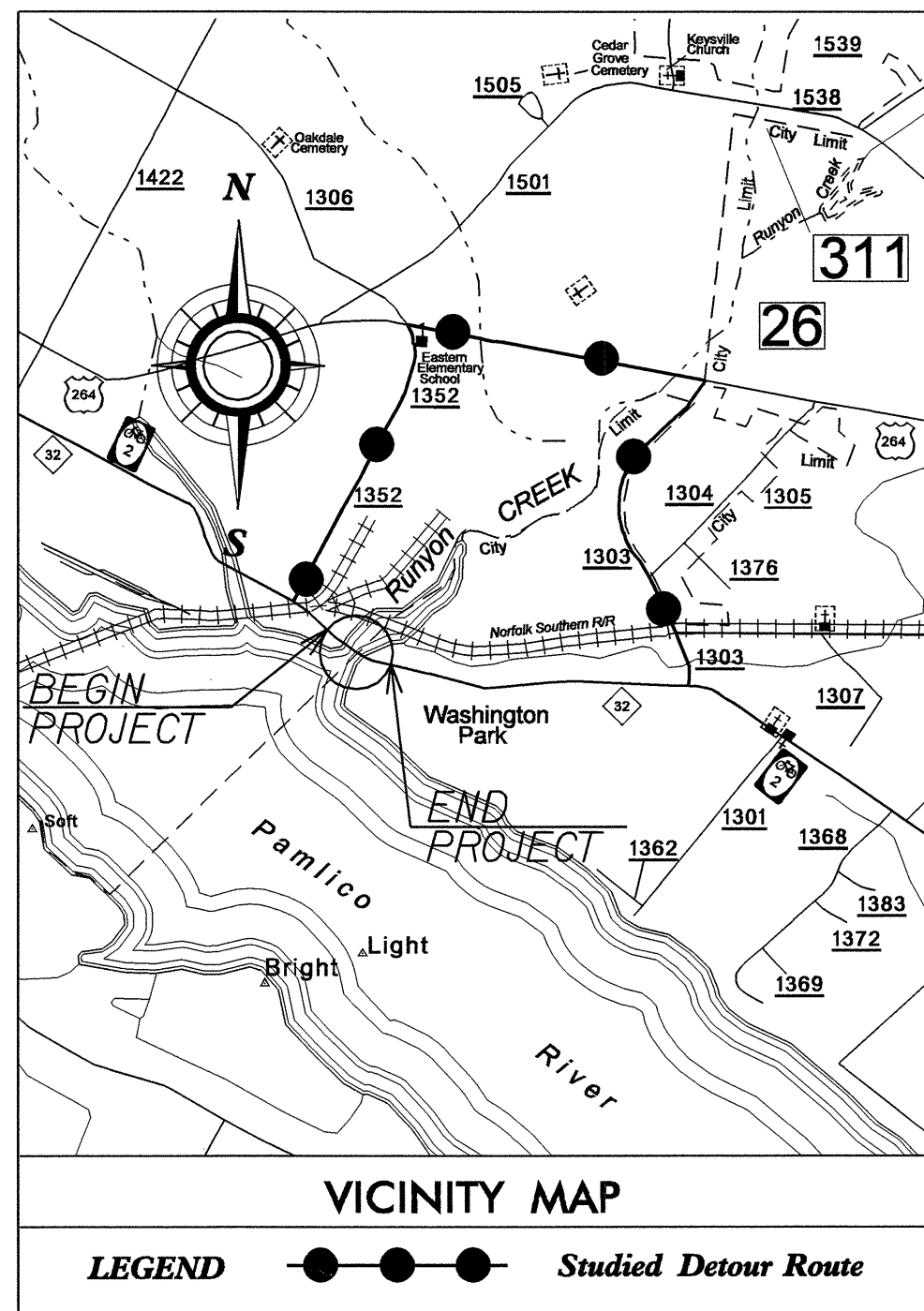
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**UTILITY CONSTRUCTION PLANS  
BEAUFORT COUNTY**

**LOCATION: BRIDGE NO. 103 OVER RUNYON CREEK  
ON NC 32 IN WASHINGTON**

**TYPE OF WORK: UTILITY CONSTRUCTION AND RELOCATION**

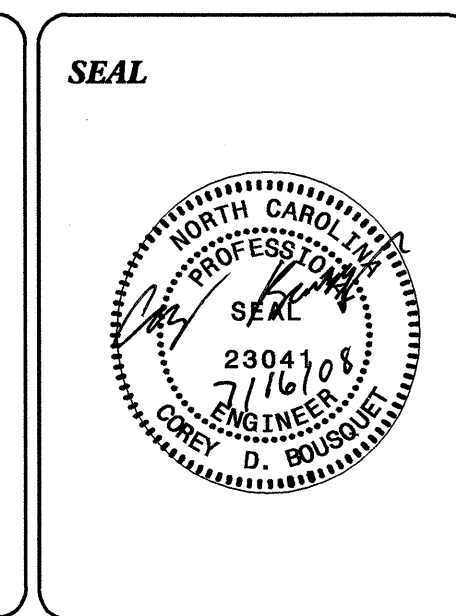
**TIP PROJECT: B-4019**



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

**WATER AND SEWER OWNERS ON PROJECT**

(1) BEAUFORT COUNTY WATER DEPARTMENT



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

1591 MAIL SERVICES CENTER  
RALEIGH NC 27699-1591  
PHONE (919) 250-4128  
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**Roger Worthington, P.E.** UTILITIES SECTION ENGINEER  
**Corey Bousquet, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Stephanie Athey** UTILITIES PROJECT DESIGNER

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





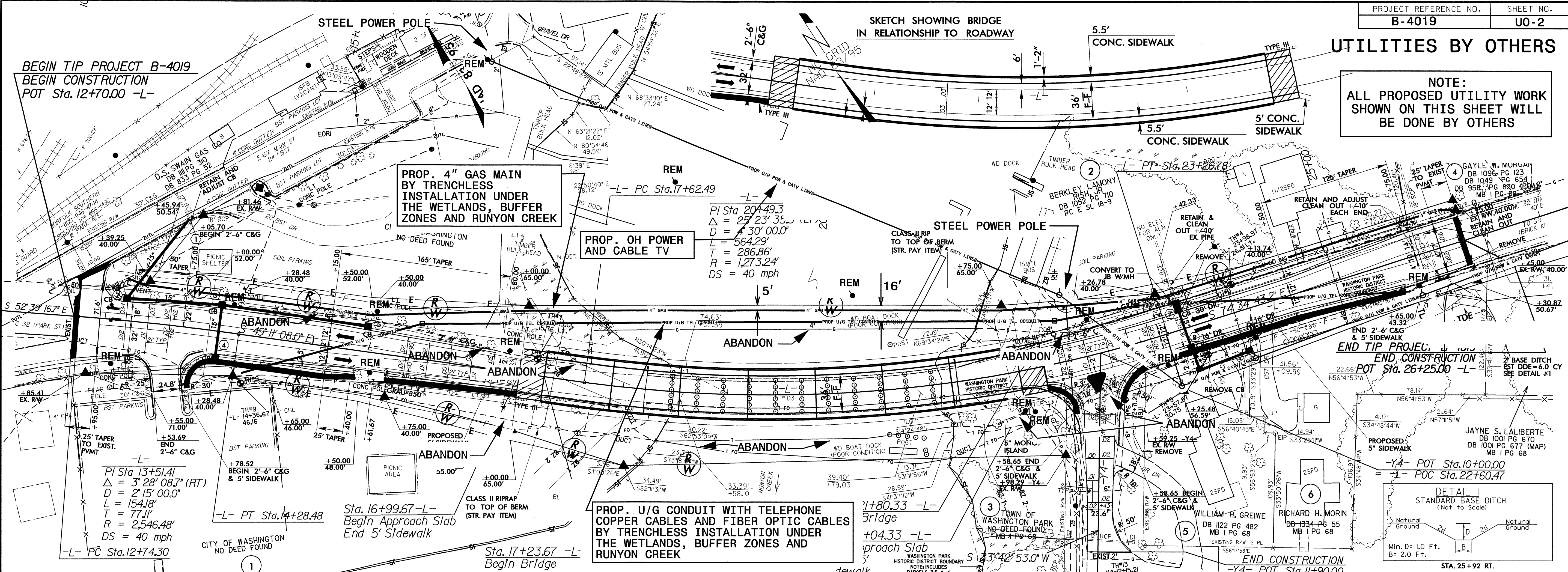






UTILITIES BY OTHERS

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



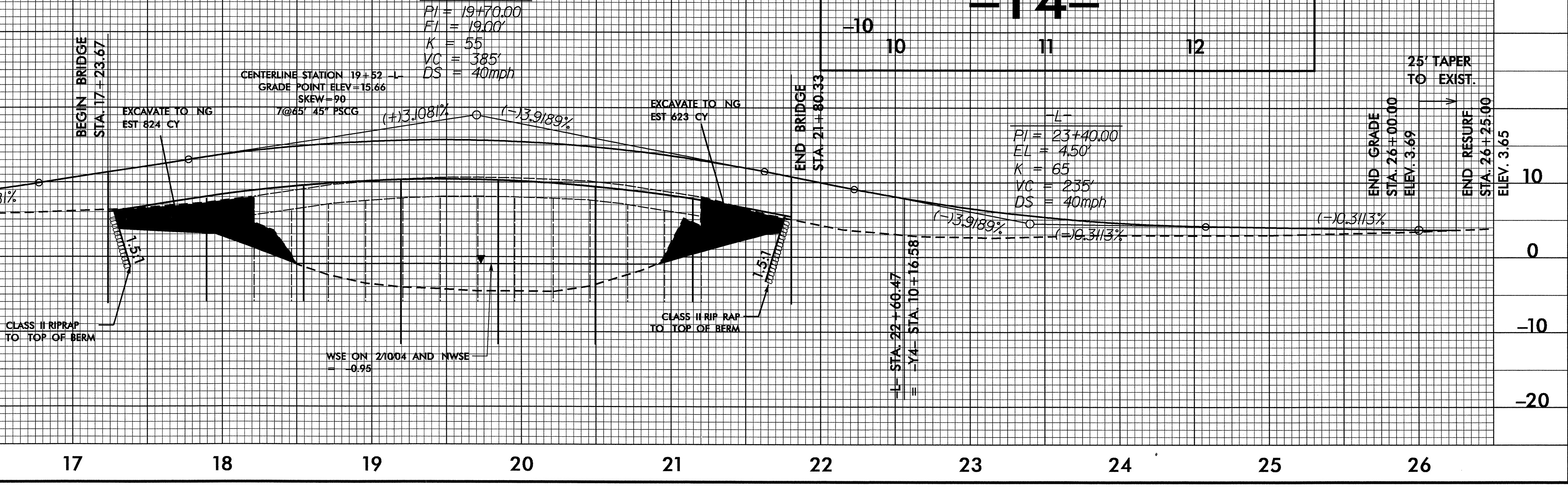
**UTILITY OWNERS**

1. WATER - BEAUFORT COUNTY WATER DEPARTMENT
2. POWER - CITY OF WASHINGTON POWER
3. GAS - PIEDMONT NAUTURAL GAS
4. TELEPHONE - EMBARQ
5. CABLE TV - MEDIACOM

**THERE WILL BE NO IMPACTS TO THE WETLANDS, BUFFERS ZONES OR RUNYON CREEK DUE TO THE UTILITY RELOCATIONS**

**BRIDGE HYDRAULIC DATA**

DESIGN DISCHARGE	= 2,070 CFS
DESIGN FREQUENCY	= 50 YR
DESIGN HW ELEVATION	= 0.80'
BASE DISCHARGE	= 2,490 CFS
BASE FREQUENCY	= 100 YR
BASE HW ELEVATION	= 1.60'
OVERTOPPING DISCHARGE	= +3,820 CFS
OVERTOPPING FREQUENCY	= +500 YR
OVERTOPPING ELEVATION	= 3.70'
DATE OF SURVEY	= 2/10/04
W.S. ELEVATION AT DATE OF SURVEY	= -0.95'



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