

09/08/99

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols

T.I.P. NO.	SHEET NO.
B-4615	UO-1

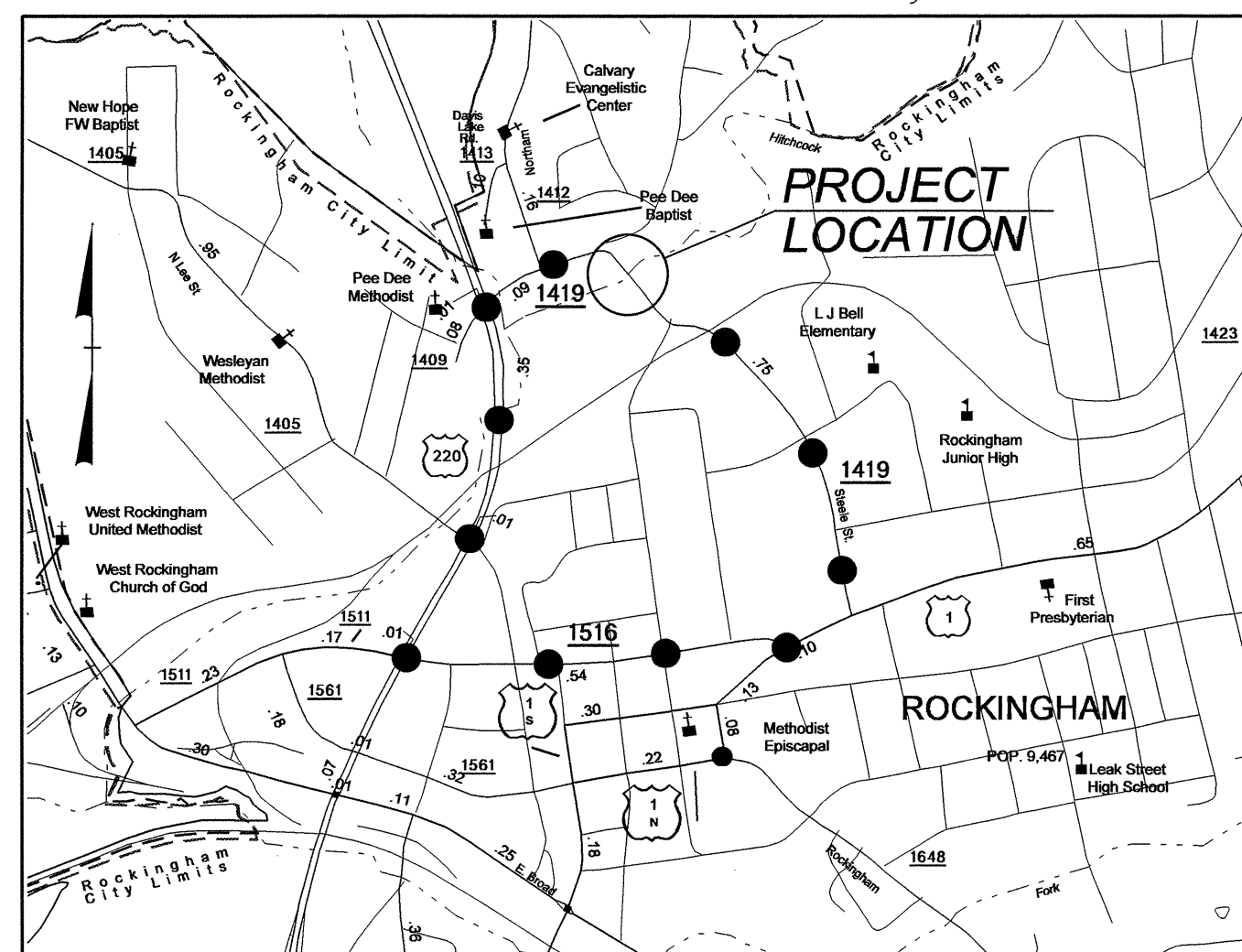
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
RICHMOND COUNTY**

LOCATION: RICHMOND BRIDGE 46 OVER HITCHCOCK CREEK ON SR 1419

TYPE OF WORK: UTILITIES WORK

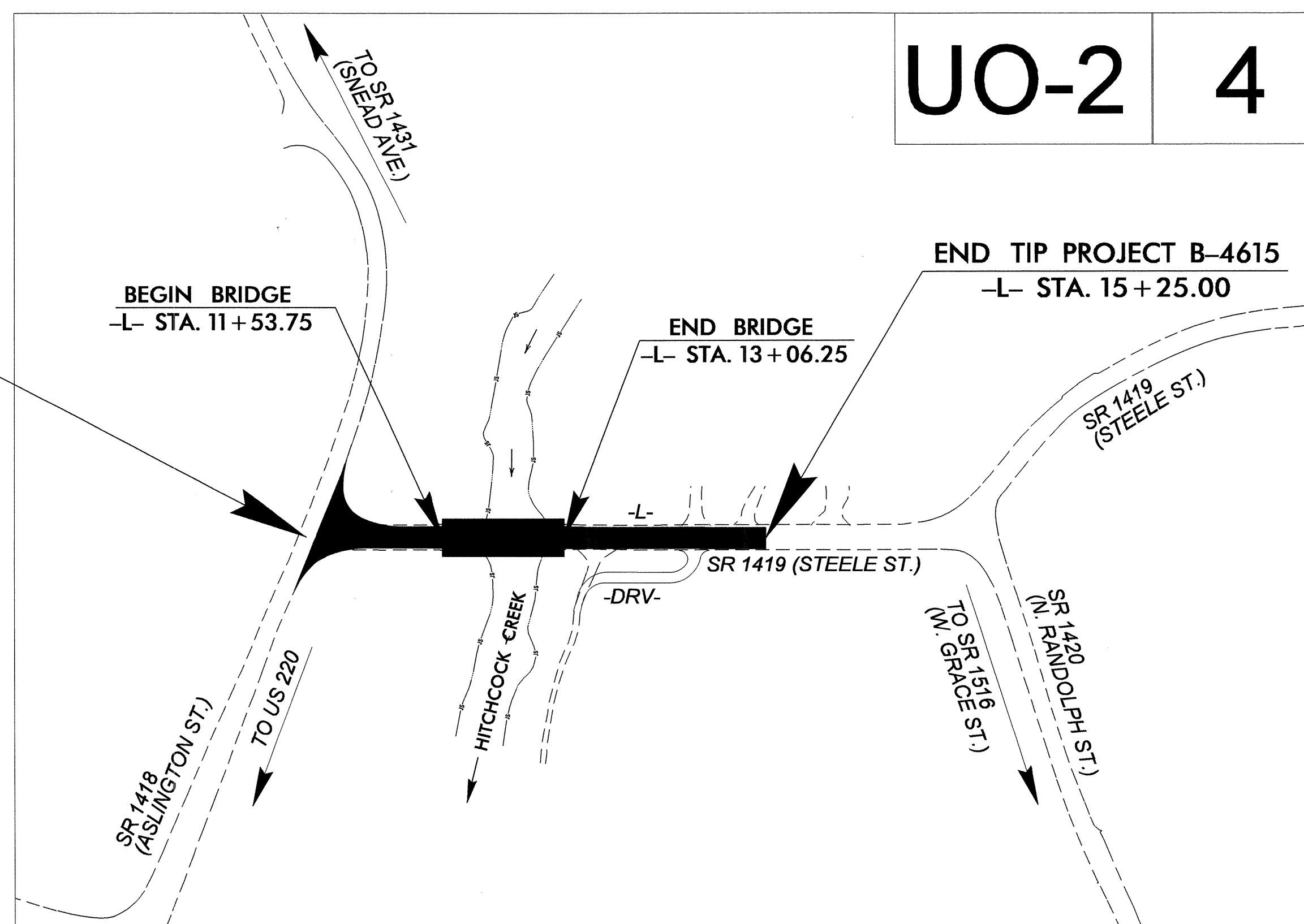
TIP PROJECT: B-4615



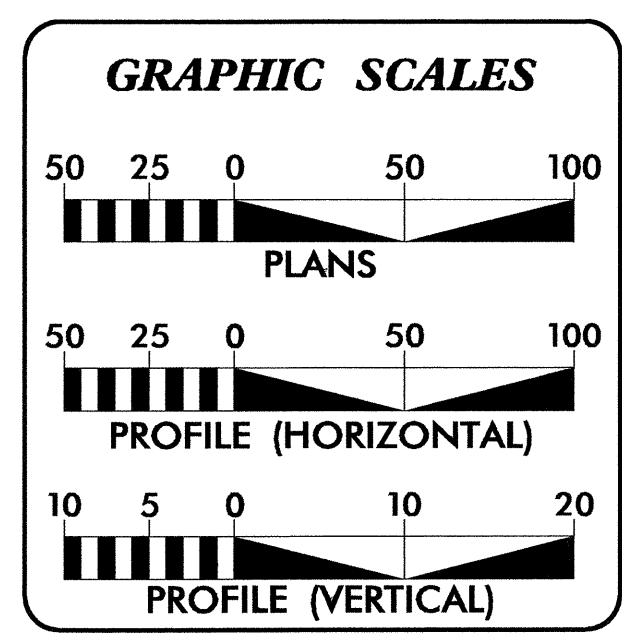
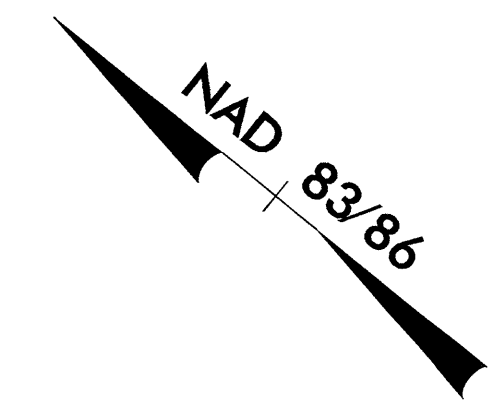
VICINITY MAP

●●●●● OFFSITE DETOUR

DETOUR SIGNING BY CONTRACTOR



UO-2 4



INDEX OF SHEETS

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

- UTILITY OWNERS ON PROJECT**
- (1) Progress Energy Co; Power.
 - (2) DukeNet Communications Co; TFO.
 - (3) AT&T Co; Telephone.
 - (4) Time Warner Cable Co; CATV.
 - (5) City of Rockingham, Water & Sewer.

PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
UTILITIES UNIT
UTILITIES ENGINEERING**

1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 707-6690
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Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Steve McKee, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Jamshid Hafshejani UTILITIES PROJECT DESIGNER

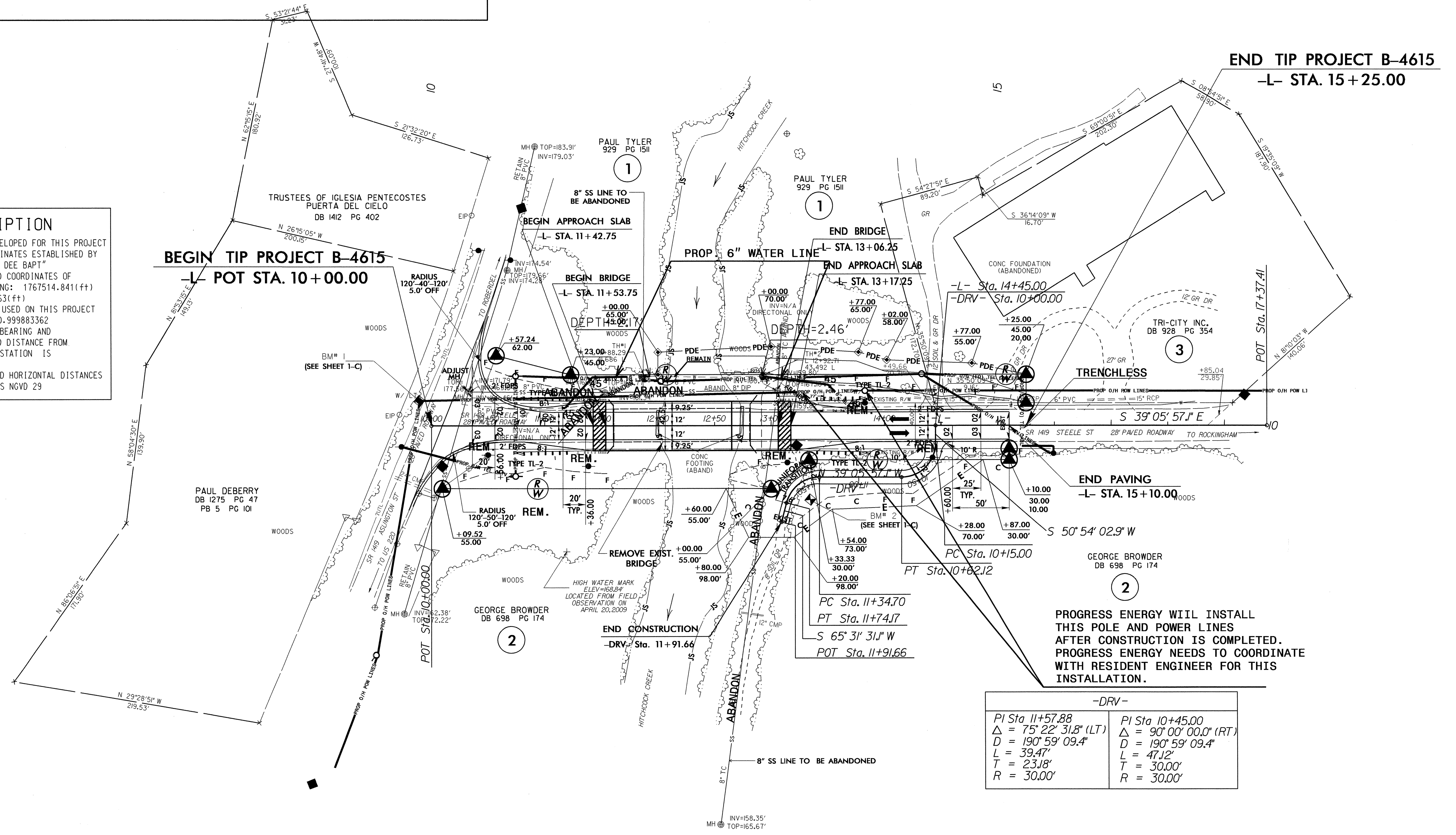
19-OCT-2012 14:27
R:\Utilities\RDY_UH\Proj\B-4615_UH_Title_U01_psh.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

UTILITIES BY OTHERS

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

Note:
According to letter dated May 24, 2012 City of Rockingham
Public Works Director Mr. Richard Haugen (910-895-9088):
1. The City of Rockingham will relocate the 6" water main
by the time this project is let.
2. The 8" sewer line will be abandoned in the bridge
construction area by the time this project is let.

DATUM DESCRIPTION
THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "PEE DEE BAPT"
WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 437097.3321(±) EASTING: 1767514.841(±)
ELEVATION: 173.163(±)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.99983362
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"PEE DEE BAPT" TO -L- STATION IS
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29



-DRV-	
PI Sta 11+57.88	PI Sta 10+45.00
Δ = 75° 22' 31.8" (LT)	Δ = 90° 00' 00.0" (RT)
D = 190° 59' 09.4"	D = 190° 59' 09.4"
L = 39.47'	L = 47.12'
T = 23.18'	T = 30.00'
R = 30.00'	R = 30.00'

5/14/99
 R:\19-OCT-2012\15:08\B-4615-UO2.dgn
 B-4615-UO2.dwg
 11/15/07