| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| B-4983 | 4 |
| R/W SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| NORTH CAROLINA PROFESSIONAL SEAL 24912 ENGINEER KEVIN E. MOORE | NORTH CAROLINA PROFESSIONAL SEAL 20870 ENGINEER MARC T. SHOWN |
| DocuSigned by: Kevin E. Moore 4/10/2014 7E0B1CF9C15A4A7... | DocuSigned by: Marc Shown 4/11/2014 4B024AEC0A0B4C2... |

**NOTE:**
**SEE SHEET 5 FOR -L- PROFILE**

**NOTE:**
**SEE SHEET S-1 THRU S-36 FOR STRUCTURE PLANS**

**PARCEL NO. 4 REMOVED FROM PLANS**

## RAILROAD CURVE DATA

PI Sta 11+29.20
△ = 3° 21' 55.3" (RT)
D = 1° 53' 25.8"
L = 178.01'
T = 89.03'
R = 3,030.72'

**-L-**

| PI Sta 10+65.90 | PI Sta 16+70.03 |
|---|---|
| △ = 25° 08' 20.8" (LT) | △ = 24° 05' 47.4" (RT) |
| D = 24° 54' 40.4" | D = 10° 44' 58.8" |
| L = 100.91' | L = 224.16' |
| T = 51.28' | T = 113.76' |
| R = 230.00' | R = 533.00' |
| SE = SEE PLANS | SE = 04 |
| | RO = SEE PLANS |

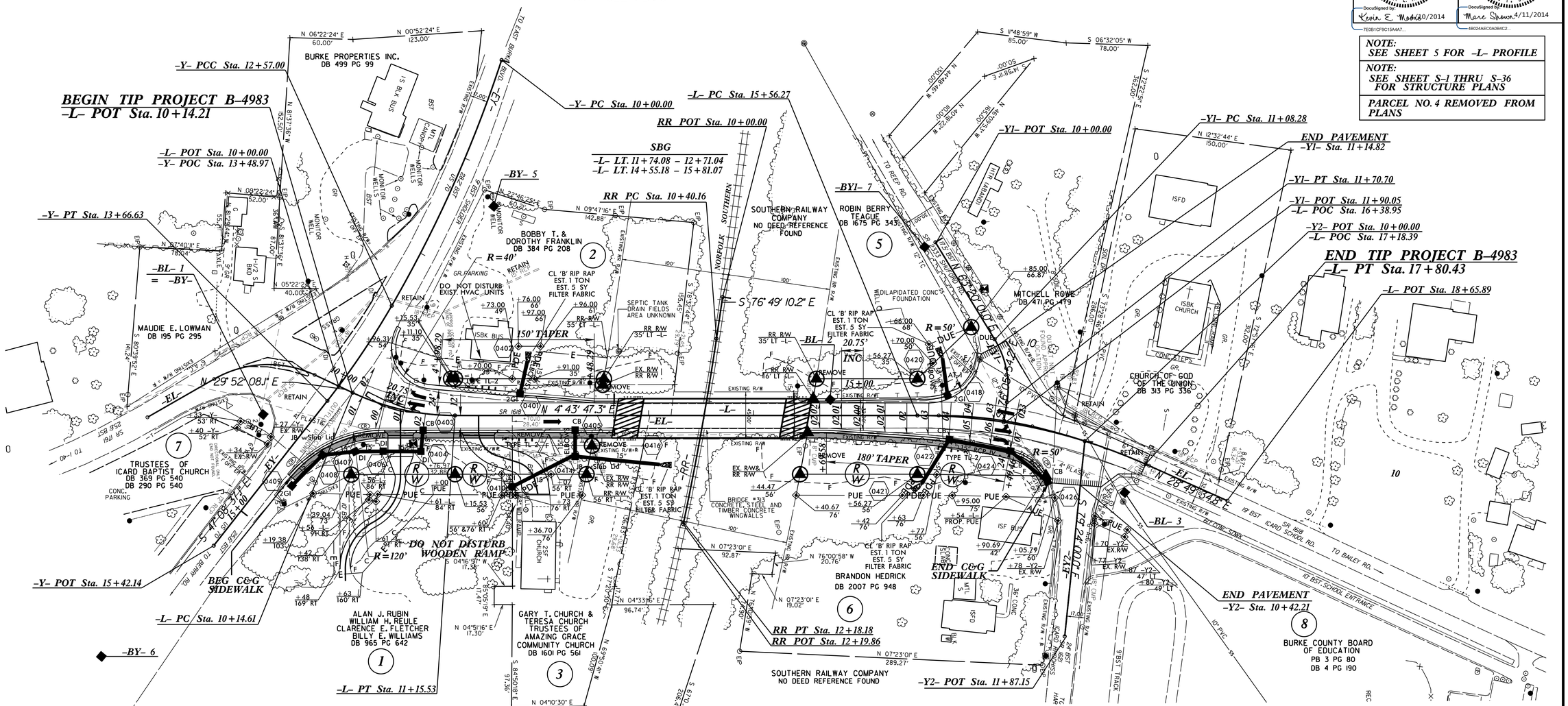
**-Y-**

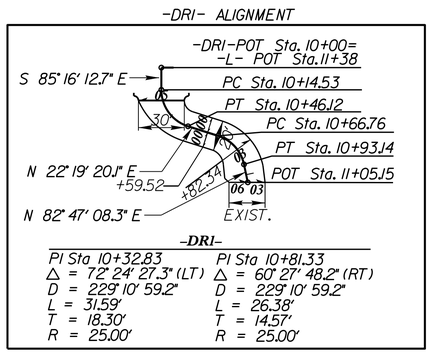
| PI Sta 11+28.96 | PI Sta 13+11.91 |
|---|---|
| △ = 11° 50' 42.8" (RT) | △ = 8° 06' 54.7" (RT) |
| D = 4° 36' 32.5" | D = 7° 24' 09.2" |
| L = 257.00' | L = 109.63' |
| T = 128.96' | T = 54.91' |
| R = 1,243.12' | R = 774.00' |

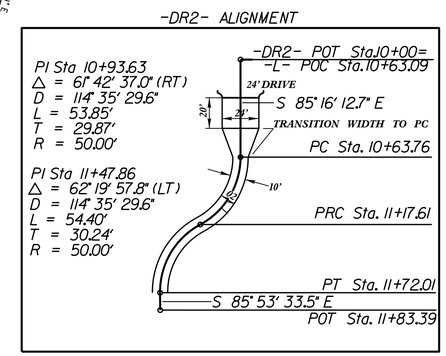
**-Y1-**

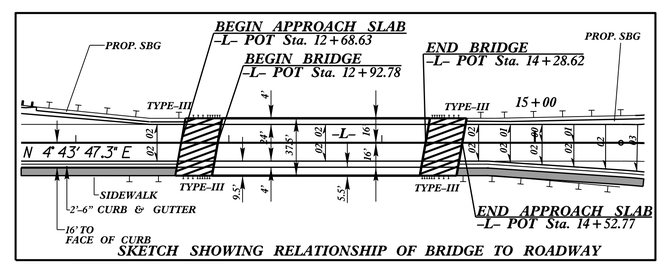
PI Sta 11+40.86
△ = 40° 34' 04.8" (RT)
D = 64° 59' 59.9"
L = 62.41'
T = 32.58'
R = 88.15'

NAD 83




SKETCH SHOWING RELATIONSHIP OF BRIDGE TO ROADWAY

SBG = SHOULDER BERM GUTTER

REVISIONS

8/17/99

26-MAR-2014 15:32
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$$$$USERNAME$$$$