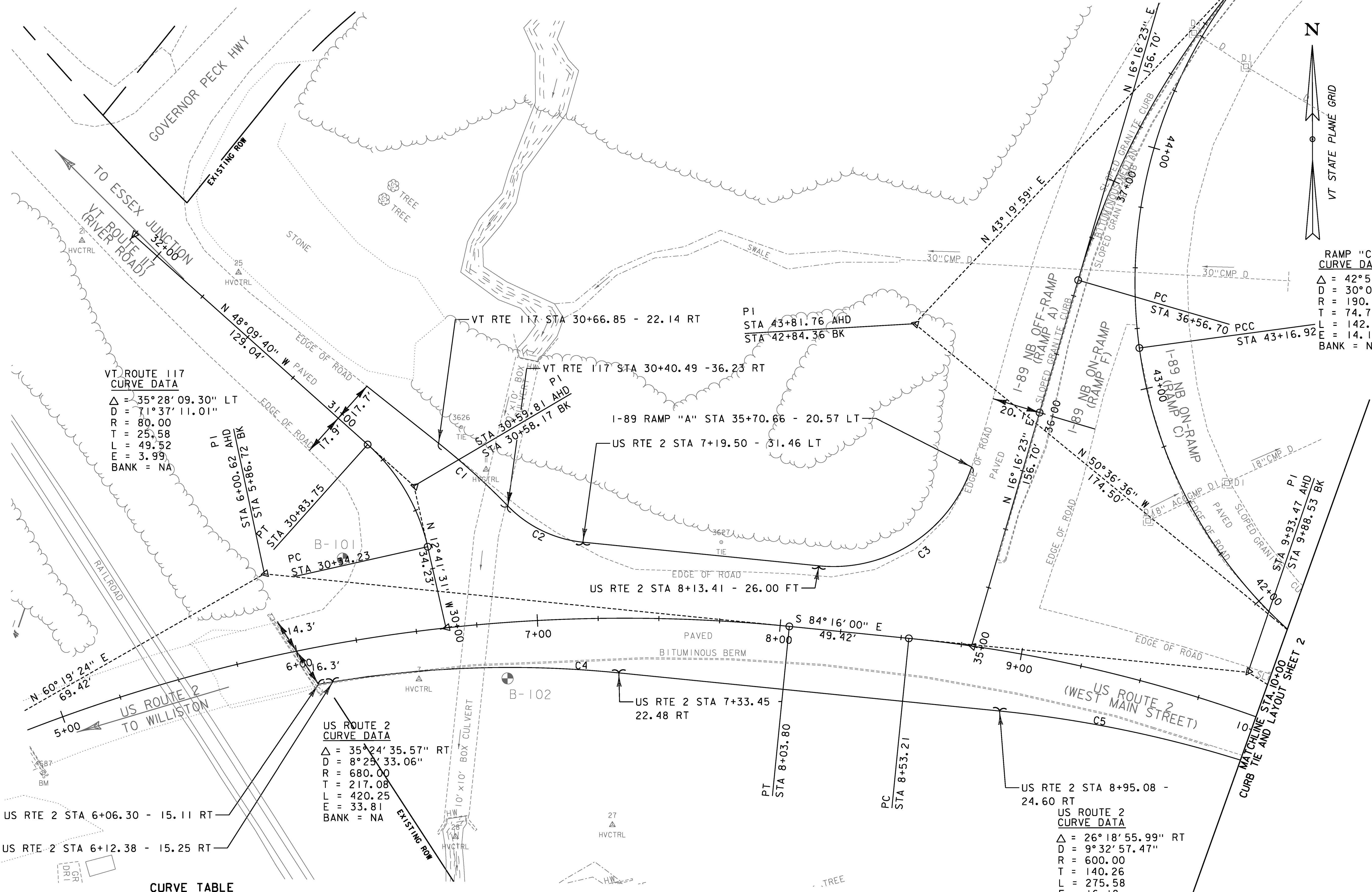


**RAMP "C" CURVE DATA**  
Δ = 42°56'52.47" RT  
D = 30°09'20.42"  
R = 190.00  
T = 74.74  
L = 142.42  
E = 14.17  
BANK = NA

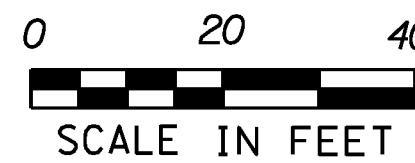
**VT ROUTE 117 CURVE DATA**  
Δ = 35°28'09.30" LT  
D = 71°37'11.01"  
R = 80.00  
T = 25.58  
L = 49.52  
E = 3.99  
BANK = NA

**US ROUTE 2 CURVE DATA**  
Δ = 35°24'35.57" RT  
D = 8°25'33.06"  
R = 680.00  
T = 217.08  
L = 420.25  
E = 33.81  
BANK = NA

**US ROUTE 2 CURVE DATA**  
Δ = 26°18'55.99" RT  
D = 9°32'57.47"  
R = 600.00  
T = 140.26  
L = 275.58  
E = 16.18  
BANK = NA

**CURVE TABLE**

| LABEL | RADIUS<br>(ft) | LENGTH<br>(ft) |
|-------|----------------|----------------|
| C1    | 300.00         | 38.44          |
| C2    | 50.00          | 29.98          |
| C3    | 60.00          | 77.16          |
| C4    | 450.00         | 118.12         |
| C5    | 500.00         | 147.85         |



|                               |                       |
|-------------------------------|-----------------------|
| PROJECT NAME: RICHMOND        | PLOT DATE: 4/29/2013  |
| PROJECT NUMBER: STP 0284 (17) | DRAWN BY: N. BOSAN    |
| FILE NAME: z97cl86curbbdr.dgn | CHECKED BY: E. ATKINS |
| PROJECT LEADER: ERIK ATKINS   | SHEET 45 OF 133       |
| DESIGNED BY: T. BIGELOW       |                       |
| CURB TIE AND LAYOUT SHEET 1   |                       |