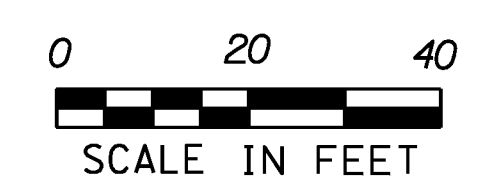


RAMP "B"
 CURVE DATA
 $\Delta = 11^\circ 03' 24.13''$ RIGHT
 $D = 24^\circ 54' 40.35''$
 $R = 230.00$
 $T = 22.26$
 $L = 44.38$
 $E = 1.07$
 BANK = NA

MATCHLINE STA. 20+00
 CURB TIE AND LAYOUT SHEET 3

| CURVE TABLE | | |
|-------------|----------------|----------------|
| LABEL | RADIUS (ft) | LENGTH (ft) |
| C12 | 1044.00 | 62.89 |
| C13 | 1036.00 | 42.13 |



PROJECT NAME: RICHMOND
 PROJECT NUMBER: STP 0284 (17)
 FILE NAME: z97ci86curbbdr.dgn PLOT DATE: 4/29/2013
 PROJECT LEADER: ERIK ATKINS DRAWN BY: N. BOSAN
 DESIGNED BY: T. BIGELOW CHECKED BY: E. ATKINS
 CURB TIE AND LAYOUT SHEET 4 SHEET 48 OF 133