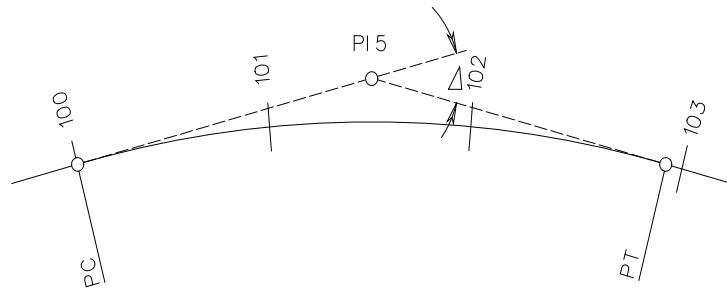
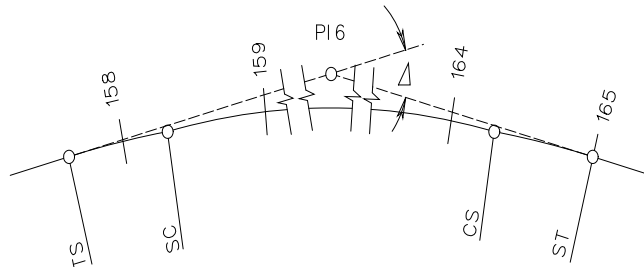


**HORIZONTAL CURVES EXAMPLE  
(Not to Scale)**



Lane A  
 PI NO. 5  
 DELTA = 18° 26' 40" RT  
 T = 146.12  
 L = 89.72  
 R = 900.00  
 PC = 100+00.00  
 PI = 101+46.12  
 PT = 102+89.72  
 V = 50 mph  
 E = 3.1%

**URBAN - NO SPIRAL TRANSITION**



Lane A  
 PI NO. 6  
 DELTA = 54° 49' 28" RT  
 T = 395.66  
 L = 99.31  
 R = 700.00  
 LSIN = 65.00  
 LSOUT = 65.00  
 TS = 157+64.50  
 SC = 158+29.50  
 PI = 161+60.16  
 CS = 164+34.31  
 ST = 164+99.31  
 V = 60 mph  
 E = 6.3%

**RURAL - WITH SPIRAL TRANSITION\***

**FIGURE C-7-3 HORIZONTAL CURVES EXAMPLE**

\* Rev. 7/12