

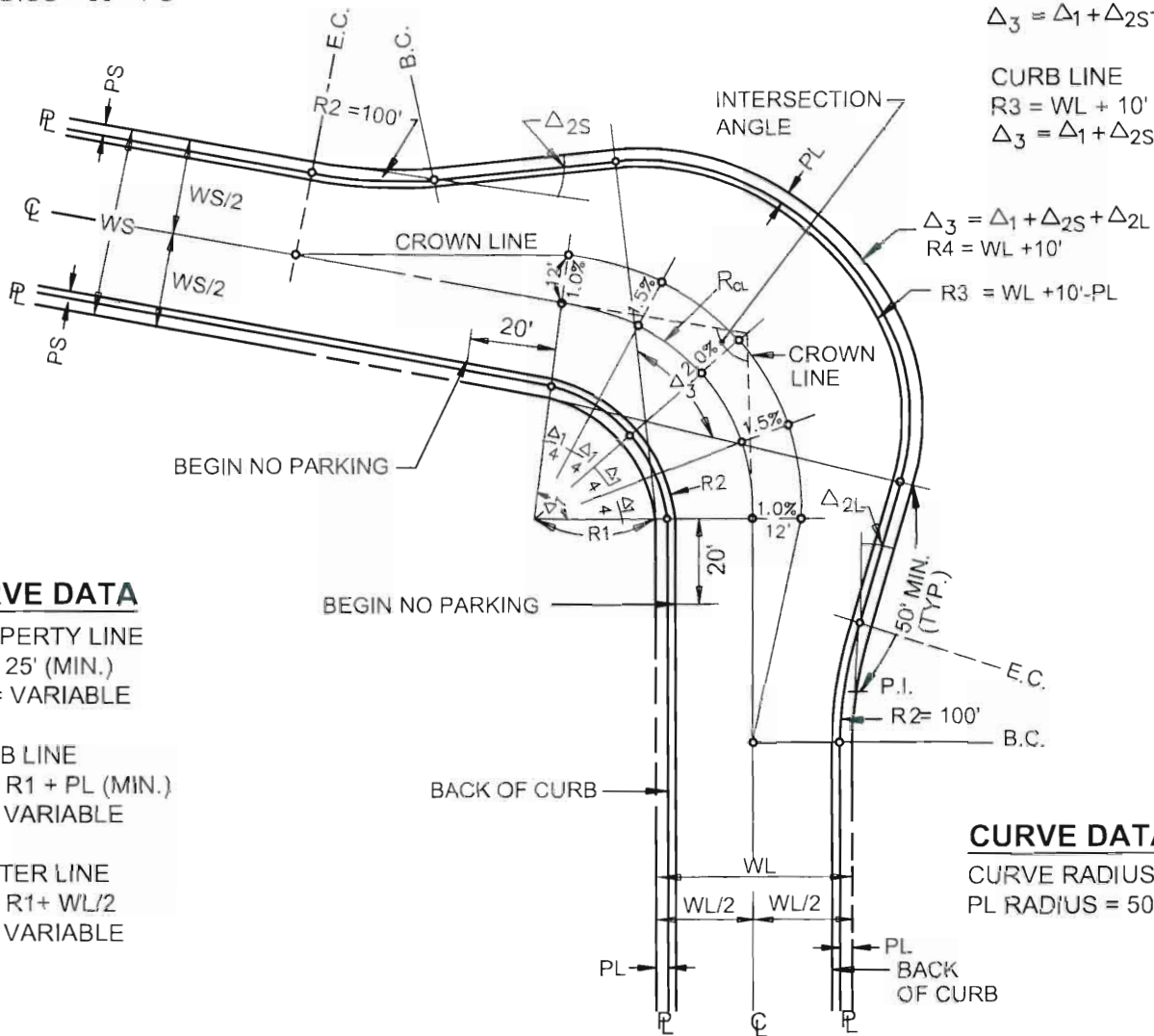
**CURVE DATA**

CURVE RADIUS = 50'  
 PL RADIUS = 50' - PS

**CURVE DATA**

PROPERTY LINE  
 $R_4 = WL + 10'$   
 $\Delta_3 = \Delta_1 + \Delta_{2S} + \Delta_{2L}$

CURB LINE  
 $R_3 = WL + 10' - PL$   
 $\Delta_3 = \Delta_1 + \Delta_{2S} + \Delta_{2L}$



**CURVE DATA**

PROPERTY LINE  
 $R_1 = 25' (MIN.)$   
 $\Delta_1 = VARIABLE$

CURB LINE  
 $R_2 = R_1 + PL (MIN.)$   
 $\Delta_1 = VARIABLE$

CENTER LINE  
 $R_{CL} = R_1 + WL/2$   
 $\Delta = VARIABLE$

**CURVE DATA**

CURVE RADIUS = 50'  
 PL RADIUS = 50' - PL

**NOTES:**

1. KNUCKLES ARE LIMITED TO LOCAL STREETS.
2. USE NORMAL SECTION FROM INNER CURB TO CENTERLINE.
3. FROM CROWN LINE TO CURB, THE MAXIMUM SLOPE IS 1" PER FOOT.
4. SUPERELEVATION PERCENTAGES SHOWN ARE A STRAIGHT GRADE FROM CENTER LINE TO CROWN LINE.
5. ELEVATIONS ARE REQUIRED WHERE CIRCLES.
6. WHEN STREETS ARE SUPER ELEVATED, THE CROWN LINE WILL NOT NECESSARILY TERMINATE ON CENTER LINE AT ANGLE POINT OF CURB.
7. SUBSCRIPTS "S" AND "L" DENOTE SMALLER AND LARGER STREETS RESPECTIVELY.



**KNUCKLE**

APPROVED: *[Signature]*  
 CITY ENGINEER

DATE: 10-15-2013

STD. PLAN NUMBER  
**116-0**  
 SHEET 1 OF 1