

$\Delta_c = 21^\circ \text{ left} \quad (1)$   
 $D = 1.5^\circ \quad (2)$   
 $L_s = 1000.00'$

Entering Tangent = N60°00'00"E  
 Width of Traveled Way (TW) = 150.00' (total)

Full Spiral Information:

$L_c = \underline{\hspace{2cm}} \quad (3)$   
 $R_c = \underline{\hspace{2cm}} \quad (4)$   
 $\Delta_s = \underline{\hspace{2cm}} \quad (5)$   
 Defl. =  $\underline{\hspace{2cm}} \quad (6)$   
 $L_s = \underline{\hspace{2cm}} \quad (7)$   
 $TD_s = \underline{\hspace{2cm}} \quad (8)$   
 $TO_s = \underline{\hspace{2cm}} \quad (9)$   
 $SC_s = \underline{\hspace{2cm}} \quad (10)$   
 $p = \underline{\hspace{2cm}} \quad (11)$   
 $q = \underline{\hspace{2cm}} \quad (12)$   
 $T_s = \underline{\hspace{2cm}} \quad (13)$

TS = 78+90      5,000 N      and      10,000 E      (21)

Find: SC =  $\underline{\hspace{1cm} + \hspace{1cm}}$        $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (22)  
 RP =  $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (23)  
 CS =  $\underline{\hspace{1cm} + \hspace{1cm}}$        $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (24)  
 ST =  $\underline{\hspace{1cm} + \hspace{1cm}}$        $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (25)  
 PI       $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (26)

And 85+00 CL       $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (37)

85+00 outside       $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (38)

103+00 CL       $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (47)

103+00 inside       $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$       (48)

Points on Spirals:

	85+00	103+00	$\underline{\hspace{1cm} + \hspace{1cm}}$
$\alpha =$	$\underline{\hspace{2cm}} \quad (31)$	$\underline{\hspace{2cm}} \quad (41)$	$\underline{\hspace{2cm}}$
Defl. =	$\underline{\hspace{2cm}} \quad (32)$	$\underline{\hspace{2cm}} \quad (42)$	$\underline{\hspace{2cm}}$
L =	$\underline{\hspace{2cm}} \quad (33)$	$\underline{\hspace{2cm}} \quad (43)$	$\underline{\hspace{2cm}}$
TD =	$\underline{\hspace{2cm}} \quad (34)$	$\underline{\hspace{2cm}} \quad (44)$	$\underline{\hspace{2cm}}$
TO =	$\underline{\hspace{2cm}} \quad (35)$	$\underline{\hspace{2cm}} \quad (45)$	$\underline{\hspace{2cm}}$
SC =	$\underline{\hspace{2cm}} \quad (36)$	$\underline{\hspace{2cm}} \quad (46)$	$\underline{\hspace{2cm}}$