

Key

$\Delta_c = 30^\circ \text{ right} \quad (1)$
 $D = 3^\circ \quad (2)$
 $L_s = 500.00'$

Entering Tangent = N15°00'00"W
 Width of Traveled Way (TW) = 100.00' (total)

Full Spiral Information:

$L_c = \underline{1000.00} \quad (3)$
 $R_c = \underline{1909.86} \quad (4)$
 $\Delta_s = \underline{7-30-00} \quad (5)$
 $\text{Defl.} = \underline{2-29-59} \quad (6)$
 $L_s = \underline{500.00} \quad (7)$
 $TD_s = \underline{499.14} \quad (8)$
 $TO_s = \underline{21.79} \quad (9)$
 $LC_s = \underline{499.62} \quad (10)$
 $p = \underline{5.45} \quad (11)$
 $q = \underline{249.86} \quad (12)$
 $T_s = \underline{1043.20} \quad (13)$

TS = 36+50 5,000 N and 10,000 E (21)

Find:

SC =	<u>41+50</u>	<u>5487.7757</u>	<u>9891.8595</u>	(22)
RP =		<u>5737.0623</u>	<u>11785.3797</u>	(23)
CS =	<u>51+50</u>	<u>6467.9339</u>	<u>10020.8998</u>	(24)
ST =	<u>56+50</u>	<u>6911.1002</u>	<u>10251.6011</u>	(25)
PI		<u>6007.6584</u>	<u>9729.9988</u>	(26)
and	40+00 CL	<u>5339.8712</u>	<u>9916.6766</u>	(37)
	40+00 outside	<u>5330.0525</u>	<u>9867.6501</u>	(38)

Points on Spirals:

	40+00		+	+
$\alpha =$	<u>3-40-30</u>	(31)	_____	_____
Defl. =	<u>1-13-30</u>	(32)	_____	_____
L =	<u>350.00</u>	(33)	_____	_____
TD =	<u>349.86</u>	(34)	_____	_____
TO =	<u>7.48</u>	(35)	_____	_____
SC =	<u>349.94</u>	(36)	_____	_____