

Key

$$\begin{aligned}\Delta_c &= 24^\circ \text{ right} && (1) \\ D &= 6^\circ && (2) \\ L_s &= 600.00' && \end{aligned}$$

$$\begin{aligned}\text{Entering Tangent} &= N55^\circ 00' 00'' W \\ \text{Width of Traveled Way (TW)} &= 100.00' \text{ (total)}\end{aligned}$$

Full Spiral Information:

$$\begin{aligned}L_c &= \underline{400.00} && (3) \\ R_c &= \underline{954.93} && (4) \\ \Delta_s &= \underline{18-00-00} && (5) \\ \text{Defl.} &= \underline{5-59-42} && (6) \\ L_s &= \underline{600.00} && (7) \\ TD_s &= \underline{594.11} && (8) \\ TO_s &= \underline{62.39} && (9) \\ LC_s &= \underline{597.37} && (10) \\ p &= \underline{15.65} && (11) \\ q &= \underline{299.02} && (12) \\ T_s &= \underline{859.38} && (13)\end{aligned}$$

$$TS = 24+25 \quad 5,000 \text{ N} \quad \text{and} \quad 10,000 \text{ E} \quad (21)$$

$$\text{Find: } SC = \underline{30+25} \quad \underline{5391.8719} \quad \underline{9549.1231} \quad (22)$$

$$RP = \underline{\hspace{1.5cm}} \quad \underline{5966.5629} \quad \underline{10311.7638} \quad (23)$$

$$CS = \underline{34+25} \quad \underline{5731.7505} \quad \underline{9381.3089} \quad (24)$$

$$ST = \underline{40+25} \quad \underline{6349.0326} \quad \underline{9370.9357} \quad (25)$$

$$PI \quad \underline{\hspace{1.5cm}} \quad \underline{5492.9211} \quad \underline{9296.0357} \quad (26)$$

$$\text{and } 29+00 \text{ CL} \quad \underline{5296.8609} \quad \underline{9630.2403} \quad (37)$$

$$29+00 \text{ inside} \quad \underline{5331.4169} \quad \underline{9666.3774} \quad (38)$$

$$35+00 \text{ CL} \quad \underline{5825.3946} \quad \underline{9367.2023} \quad (47)$$

$$35+00 \text{ outside} \quad \underline{5817.7615} \quad \underline{9317.7884} \quad (48)$$

Points on Spirals:

	29+00	35+00	+
α	$= \underline{11-16-53} \quad (31)$	$\underline{13-46-53} \quad (41)$	<u> </u>
Defl.	$= \underline{3-45-33} \quad (32)$	$\underline{4-35-29} \quad (42)$	<u> </u>
L	$= \underline{475.00} \quad (33)$	$\underline{525.00} \quad (43)$	<u> </u>
TD	$= \underline{473.16} \quad (34)$	$\underline{521.97} \quad (44)$	<u> </u>
TO	$= \underline{31.09} \quad (35)$	$\underline{41.92} \quad (45)$	<u> </u>
SC	$= \underline{474.18} \quad (36)$	$\underline{523.65} \quad (46)$	<u> </u>