

EXISTING:

$$DA = .97 \text{ ac}$$

$$T_c = 15 \text{ min}$$

$$"C" = .45$$

$$Q_5 = (.45)(4.56)(.97) = \underline{\underline{1.99 \text{ cfs}}} \leftarrow Q_5$$

$$Q_{100} = (.45)(7.37)(.97) = \underline{\underline{3.22 \text{ cfs}}} \leftarrow Q_{100}$$

DEVELOPED:

$$T_c = 15 \text{ min}$$

$$"C" = .90$$

$$Q_5 = (.9)(4.56)(.97) = \underline{\underline{3.98 \text{ cfs}}} \leftarrow Q_5$$

$$Q_{100} = (.9)(7.37)(.97) = \underline{\underline{6.43 \text{ cfs}}} \leftarrow Q_{100}$$