

- b. Use Figure A3-3 to determine the capacity of the gutter section above the depressed section (Q_s). Use the procedure for non-composite gutter sections, Condition 2, substituting T_s for T .
- c. Calculate the ratios W/T and S_w/S_x , and, from Figure A3-4, find the appropriate ratio of E_o (the ratio of Q_w/Q).
- d. Calculate the total gutter flow using the equation:

$$Q = Q_s (1 - E_o) \quad \text{(Eq. A3-6)}$$

where:

Q - gutter flow rate, in m^3/sec

Q_s = flow capacity of the gutter section above the depressed section, in m^3/sec

E_o - ratio of frontal flow to total gutter flow, Q_w/Q

- e. Calculate the gutter flow in width (W), using Equation A3-5.