EXAMPLE: STREET / MUNATION S=0.02 PG Sx=0.021 PG Sw=0.083 PG N=0.015 T=9,567ft W=3 Tx = 9,57-3 = 6,567 (4 D2 = Tx x Sx = 6,567 x 0.021 Ff = 0.1379 FE D, = D2 + W+Sw = 0 1379FE + 3(6 x 0.0833 = 0.3878 FE a = (NOT NEEDED) = D, -T*Sx = 03878-9,57*0.02/04 Qs=0.5675, xD2.67 = 0.5670.02 x0.1379 = 1.268cfs $Q_{1} = 0.5695, \quad \int_{0.67}^{2.67} D_{2}^{2.67} = 0.569002 \quad \int_{0.3878}^{2.67} D_{2}^{2.67}$ = 4.733 cfsQTOTAL = 6.0 cfs EMMILE: INCET E% ABOVE + CINCET - 6 PE CLOGI 10% REDUCE Se = 5x + 2 Eo = 0.021 + 0.1869 = 0.0701 LT = 0.6 @ SL (nSe) = 0.6 × 6,0 42 0,02 (0.015 × 0.0701) = 24,11 (£ E%=1-(1-1-)18=1-(1-6)18=0.403 (VINTERCENT = Q x E x (1 - CLOG) = 6.0 x 0.403 x (1-0.1) = 2.174 cfs 1 = QRV = 3.83 cfs

