



SYM	W_O (ft)	Q (ft ³ /s)	V_{AVE} (ft/s)	TW (ft)
□	1.44	23	15.09	1.61
□	1.44	14	10.30	1.61
○	3.08	65	9.29	3.08
●	3.08	84	11.91	3.08
▽	1.44	21	14.01	1.25
▽	1.44	14	9.29	1.25

Note: To be used for predicting channel velocities downstream from culvert outlets where high tailwater prevails. Velocities obtained from use of this figure can be used with Figure 2 of HEC 11 for sizing rip rap. (Do not use Fig of HEC 11: use Mean Velocity Values.)

DISTRIBUTION OF CENTERLINE VELOCITY FLOW FROM SUBMERGED OUTLETS

Figure 34-8D