

Functional Classification	Allowable Backwater	Roadway Serviceability	Allowable Velocity
Freeway	Q ₁₀₀	Q ₁₀₀	Q ₅₀
Multilane Non-Freeways	Q ₁₀₀	Q ₁₀₀	Q ₅₀
Two-Lane Facilities			
AADT ≥ 3000	Q ₁₀₀	Q ₁₀₀	Q ₅₀
3000 > AADT ≥ 1000	Q ₁₀₀	Q ₂₅	Q ₂₅
AADT < 1000	Q ₁₀₀	Q ₁₀	Q ₁₀
Driveways	Q ₁₀₀	Q ₁₀	Q ₁₀

Note: The design storm frequency for culvert extension structures is identical to those for new culvert structures. Traffic volumes are for a 20-year projection.

DESIGN STORM FREQUENCY

(Culverts)

Figure 31-3A