

Flow through Bridge Opening Only	Flow Through Bridge Opening and Over Roadway Grade
Class 1 - Free surface flow Class 2 - Orifice flow Class 3 - Submerged orifice flow	Class 4 - Free surface flow Class 5 - Orifice flow Class 6 - Submerged orifice flow

**FLOW CLASSIFICATION ACCORDING TO SUBMERGENCE CONDITIONS**  
**(WSPRO User Instructors Manual - 1990)**  
**Figure 32-4D**