Culverts

The function of a culvert is to convey surface water across a highway, railroad, or other embankment. In addition to the hydraulic function, the culvert must carry construction, highway, railroad, or other traffic and earth loads. Therefore, culvert design involves both hydraulic and structural design considerations.

<http://www.udfcd.org/downloads/pdf/critmanual/Volume%202%20PDFs/090%20Chapter%2009%20Culverts%202001-07%20rev.pdf>

<http://www.learncivilengineering.com/wp-content/uploads/2012/12/Culvert-Design.pdf>

<http://classof1.com/homework_answers/civil_engineering/types_of_culvert/>

<http://warnell.forestry.uga.edu/service/library/b1083/node27.html>

weirs

<http://www.codecogs.com/library/engineering/fluid_mechanics/weirs/index.php>

<http://ocw.usu.edu/biological_and_irrigation_engineering/Irrigation___Conveyance_Control_Systems/6300__Weirs_for_Flow_Measurement_Lecture_Notes.pdf>

<http://my.safaribooksonline.com/book/civil-engineering/9788131729885/chapter-31-irrigation-and-water-supply-engineering/ch31_sub31_14_xhtml>

<http://www.engineeringcivil.com/weirs.html>