Index 425-080 Utility Conflicts Thru Drainage Structures

Design Criteria

FDOT Design Manual (FDM); ***Drainage Manual (DM)***; ***Drainage Design Guide (DDG)***

Design Assumptions and Limitations

These details are for construction field expediency to resolve utility conflicts that cannot be remedied by relocation.

Review the wall section for strength when the conflict structure is round, or there are multiple inlet or outlet pipes.

Potable water supply lines should not pass through storm sewer pipe or structures. However, if conflict with storm drains is unavoidable or unfeasible, comply with Chapter 62-555.314(3) F.A.C. Submit the following information to the Florida Department of Environmental Protection (FDEP) District Administrator For Drinking Water to obtain their approval:

a. Plans showing the conflict and proposed conflict structure

b. Justification describing inordinate cost and practical avoidance

c. Upon request, Utility Agency Owner (UAO) supporting documentation for cost of relocation or adjustment.

See the following website for District FDEP Drinking Water Contacts:

https://floridadep.gov/water/source-drinking-water/content/organization-drinking-water-program

Do not use sumped conflict manholes unless the system is hydraulically designed to account for the head loss generated if the sump is completely blocked.

Plan Content Requirements

For conflicts determined during design, use the construction shop drawings for structure details.

Payment

Item number	Item Description	Unit Measure
XXX-XXX-XXX	Project Specific Pay Item	Unit

See the ***BOE*** and ***Specifications*** for additional information on payment, pay item use and compensation.