

Urban Drainage Principles

- Drainage is a regional phenomenon that does not respect the boundaries between government jurisdictions or between properties.
- Every urban area has an initial and a major drainage system, whether or not they are actually planned and designed.
- Runoff routing is primarily a space allocation problem.
- Planning and design of stormwater drainage systems generally should not be based on the premise that problems can be transferred.

Urban Drainage Principles

- ❑ An urban storm drainage strategy should be a multi-objective and multi-means effort.
- ❑ The stormwater management system should receive regular maintenance.
- ❑ Floodplains need to be preserved whenever feasible and practicable.
- ❑ Reserve sufficient right-of-way to permit lateral channel movement whenever the floodplain is contained within a narrow natural channel.