

Appendix 12A-1 Definitions and Abbreviations

Definitions:

Bridges are defined as:

- Structures that transport traffic over waterways or other obstructions,
- Part of a stream crossing system that includes the approach roadway over the floodplain, relief openings, and the bridge structure and
- Structures with a centerline span of 20 feet or more. However, structures designed hydraulically as bridges, as described above, are considered bridges in this chapter, regardless of length.

Abbreviations:

AASHTO	American Association of State Highway and Transportation Officials
DCR	Department of Conservation and Recreation
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
HDS	Hydraulic Design Series
HEC	Hydraulic Engineering Circular
LTEC	Least Total Expected Cost
NFIP	National Flood Insurance Program
NHS	National Highway System
NOAA	National Oceanic and Atmospheric Administration
NRCS	National Resources Conservation Service
TR	Technical Release
USCOE/USACE	United States Corps of Engineers
USGS	United States Geological Survey
VDOT	Virginia Department of Transportation