

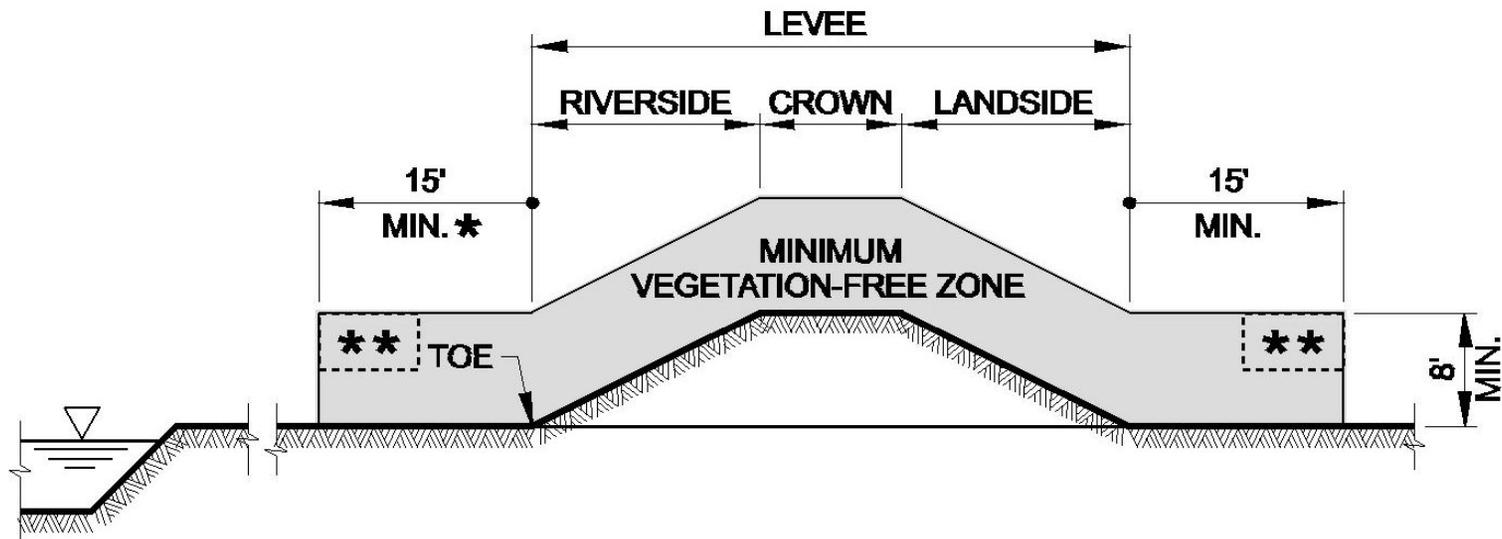
CORPS OF ENGINEERS NATIONAL STANDARDS FOR LEVEE VEGETATION

Engineering Technical Letter (ETL-1110-2-571) dated 10 April 2009. Guidelines for Landscape Planting and Vegetation Management at Levees, Floodwalls, Embankment Dams, and Appurtenant Structures

- Vegetation Free Zone (VFZ) – a three-dimensional corridor for:
 - ▶ Personnel and equipment access
 - ▶ Surveillance
 - ▶ Inspection
 - ▶ Maintenance
 - ▶ Flood fighting
- VFZ applies to ALL vegetation except grass.
- VFZ – Minimum height is 8 feet and minimum width of 15 feet
- VFZ – secondary purpose is to provide distance between root systems and structures
- Removal of Non-compliant vegetation:
 - ▶ Excavate/remove trunk (stem), stump, rootball and all roots greater than ½ inch in diameter.
 - ▶ Assure the resulting void is free of organic debris.
 - ▶ Fill and compact the void with approved material.



USACE Vegetation Standard



* 15' OR DISTANCE TO EDGE OF NORMAL WATER SURFACE, IF LESS

** IN THIS 4' X 7' TRANSITION ZONE, TEMPORARY OBSTRUCTION BY LIMBS AND CROWN IS ALLOWED DURING DEVELOPMENT OF NEW PLANTINGS, FOR UP TO 10 YEARS

▽ NORMAL WATER SURFACE

ETL 1110-2-571 Vegetation-free Zone for Basic Levee Section

