Right-of-Way (ROW) Clearing

Texas Substation and Transmission Line Project

About Right-of-Way Clearing

- Trees and branches near or touching power lines can cause service interruptions
- Electricity can arc or "flashover" from wires to nearby trees before actual contact is made, causeing electric current to flow through the trees into the ground
- To ensure everyone's safety, Texas, like most states, has adopted the National Electrical Safety Code
- The code establishes mandatory clearances to be maintained around power lines

Typical Cross Sections

Dimensions may vary depending on location and spatial constraints





