



Fiber Optic Cable Line Policy

In order to install fiber optic cable along the identified routes on INDOT's Broadband Corridor, the applicant first must have a fully executed INDOT Broadband Corridor Agreement.

Is the proposed fiber optic line to be buried or above ground? Is the proposed fiber optic line to be alongside existing roads or through previously disturbed areas?

Utility poles with multiple existing services (e.g., telephone, electricity, cable) require policies to regulate pole attachments so that they do not inhibit new broadband deployment.

Although most fiber optic cables are not conductive, any metallic hardware used in fiber optic cabling systems (such as wall-mounted termination boxes, racks, and patch panels) must be grounded.

Installation procedures for open placement of fiber optic cables are the same as for electrical cables. Care should be taken to avoid sudden, excessive force so as not to violate tensile load and radius ...

Refer to the Utility Accommodation Rules (UAR) for specifications regarding design, installation and construction of fiber optic telecommunications within TxDOT right of way.

Internet Service Providers (ISPs) often face significant challenges related to Right of Way (ROW) when deploying fiber optic infrastructure or expanding their fiber networks.

"Dig Once" policies aim to reduce this cost by future-proofing rights-of-way during construction of highways and other infrastructure.

Since building systems may require many types of cables, both fiber and copper, these cables should be separated to protect the fiber cables from damage and all cables marked properly.



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