Index 635-005 Fiber Optic Splice Vault

Design Criteria

AASHTO Standard Specification for Highway Bridges and ***AASHTO LRFD Bridge Design Specifications***

Design Assumptions and Limitations

Index 635-005 provides requirements for installation of partially buried Fiber Optic Splice Vaults on medians or roadsides. See ***Specification 635*** for additional information. This Index is primarily intended for use on Florida's Turnpike Enterprise corridors, but it may also be used for other District corridors at the District's discretion. To accommodate different usage locations, change the Manhole Cover wording per the Plans Content Requirements below.

With consideration for mowing and maintenance vehicles, ***Index 635-005*** is designed for *AASHTO H-20* loadings.

At the discretion of the Engineer of Record, project-specific splice vaults may be used as an alternative to ***Index 635-005***. These structural designs must be signed and sealed by a Professional Engineer licensed in the State of Florida.

Plan Content Requirements

Call out the Fiber Optic Splice Vaults where needed in contract plans set. Visually, show these vaults to scale, and define the corner point locations as needed to establish the orientation in the plan view.

The default lettering on the manhole cover top is, "TPK FIBER OPTIC". To change this wording, place a project-specific call-out in the Plans (e.g., *Manhole Custom Wording: "FDOT DISTRICT 5"*). For more information, see ***Index 635-005***, Note 2.

Payment

Item number	Item Description	Unit Measure
635-4-AB	Fiber Optic Splice Vault	EA

See the ***BOE*** and ***Specification 635*** for additional information on payment, pay item use and compensation.