Indexes 550-001 through 550-004 Fencing

Design Criteria

ASTM International Standards, AASHTO Standard Specifications for Transportation Materials (M Series), FDOT Design Manual (FDM)

Design Assumptions and Limitations

When placing fencing, ensure that all geometry requirements are met per the Standard Plans drawings and that the fences shown will fit with project constraints and other aboveground obstructions. Avoid conflicts between foundations, utilities, and other underground obstructions. Provide for setbacks to the right-of-way line as shown in ***Indexes 550-001 & 550-002***. Align fencing with roadside features in accordance with ***Index 550-004***. For additional design information, see ***FDM 211, 222, and 224.***

Only use Type B Fence, per Index 550-002, on Turnpike projects.

Plan Content Requirements

For the Plans sheets listed, show the standard fencing system as described below.

A. Plan Views:

   Identify proposed fencing locations with corresponding line types. Label the standard fence type along with the station & offset of beginning posts, corner posts, and end posts.

B. Typical Sections and Cross Sections:

   Show a scaled representation of the fence post at the design elevation and offset. For locations near underground utilities and obstructions, show the fence's standard foundation to scale. Label the standard fence type in the Typical Section. See ***FDM 913*** for Typical Section examples showing fence callouts.

C. Summary of Fencing Table: Provide a completed summary table in accordance with the ***Basis of Estimates Manual (BOE)***, Chapter 8.

Payment

Item number	Item Description	Unit Measure
550-10-ABC	Fencing	LF
550-60-ABC	Gates	EA

See the ***BOE*** and ***Specification 550*** for additional information on payment, Pay Item use, and compensation.