The Best Practices Data Model – Structures

About Structures

The Best Practices Data Model accommodates structure foundations, building footprints, complexes, and 3D representations. Structure data are organized by four feature types: foundations, buildings, complexes, and 3D representations. Each feature type contains fields such as Address, NumStories, NumBeds, and NumTrucks.

The FTypes and FCodes values are based on the Standardized Feature Type Infrastructure (SFVTI) sectors and categories detailed in the Vice President for Science Infrastructure Tiger Team Report. See a list of the feature types and FCodes.

Attribute information is stored in the Struct_Point feature class and is distributed across Struct_Foundation and Struct_BridgeDetail. Struct_Point feature classes are linked to other feature classes through their relationships in the Struct_Point feature class. A two-way association exists between a point and its polygon representation.

Attribute Tables

Feature Metadata

Each feature and object in the model is linked to the Meta_DatasetDetail table through the Meta_ProcessDetail table. This poster depicts the Best Practices model, version 1.1, and includes the Meta_DatasetDetail table. For field definitions, please refer to the document "Standard Content Standard for Digital Geospatial Metadata (FGDC 01-020-9801-9802)."