Geodatabase Design Project

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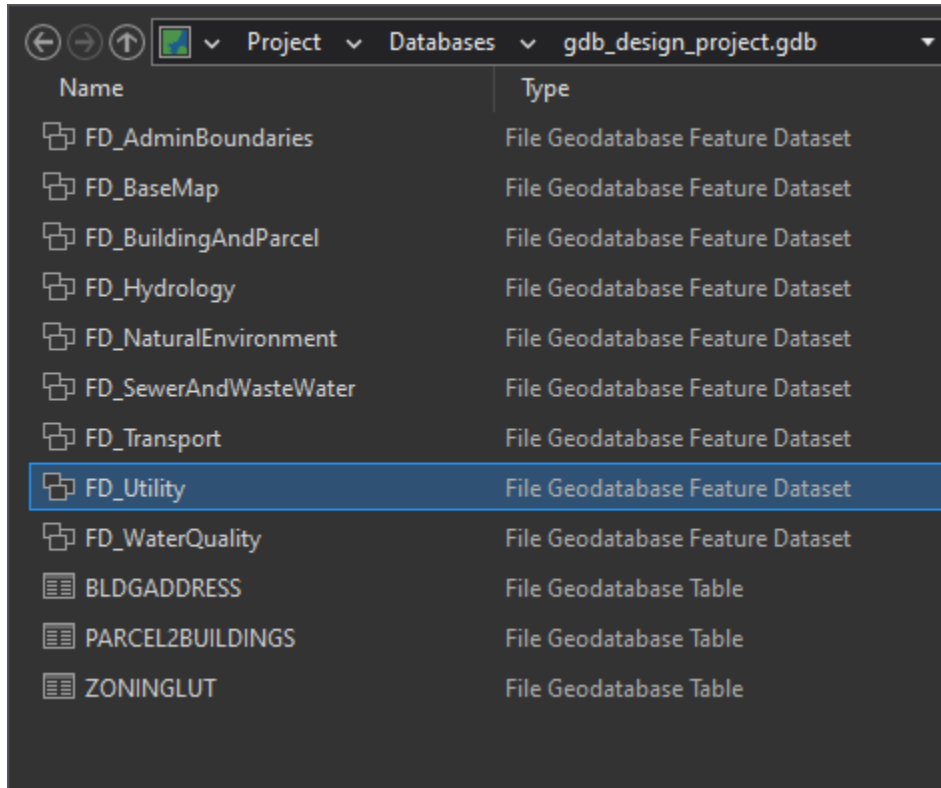
Contents

1 Overview of Feature Datasets and Tables

Geodatabase: **_gdb_design_project.gdb_**

The geodatabase contains nine feature datasets and three tables as follows:

2   Details of Feature Datasets with Feature Classes

2.1   Boundaries and Districts

Feature Dataset: **FD_AdminBoundaries**

Provides information about the administrative boundaries of various county entities. The CountyBoundary feature class is generated from the Parcel feature class but is included here for completeness. The table BLDGADDRESS contains the address information associated with the Buildings feature class. The table ZONINGLUT contains the definitions of all the local zone classifications and their relationship to the County-wide general zoning classifications.
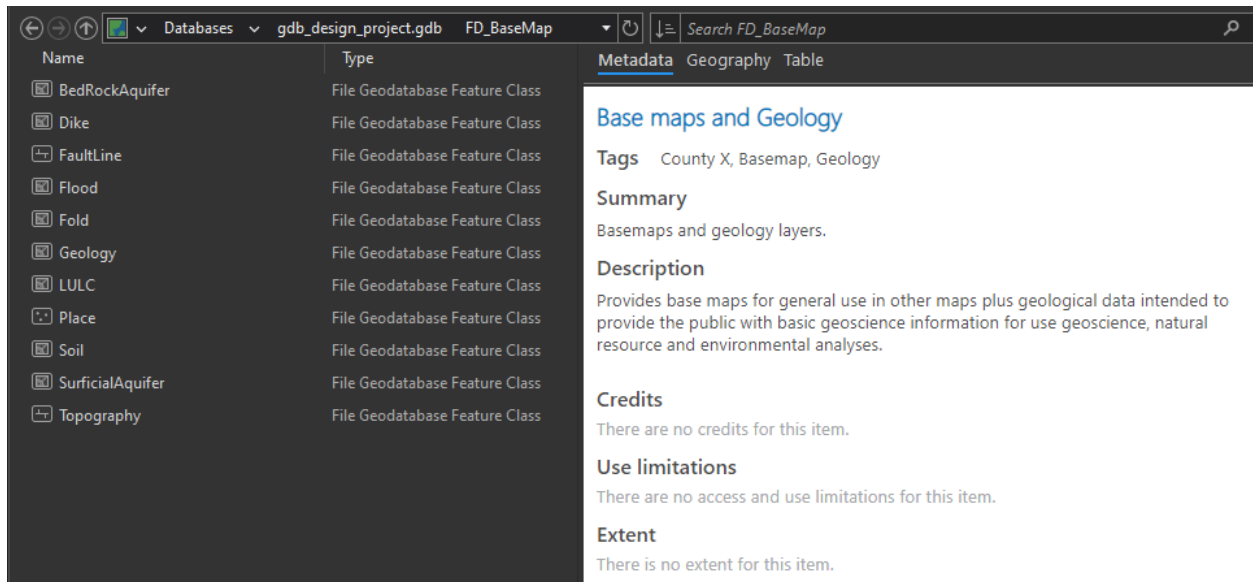
2.2   Base maps and Geology

Feature Dataset: **FD_Basemap**

Provides base maps for general use in other maps, plus geological data intended to provide the public with basic geoscience information for use geoscience, natural resource and environmental analyses.

2.3   Buildings and Parcels

Feature Dataset: **FD_BuildingAndParcel**

Provides information about the built environment. Includes feature classes derived from Parcel feature class and the related Building feature classes. The table PARCEL2BUILDINGS maintains the relationship between Building and Parcel feature classes.
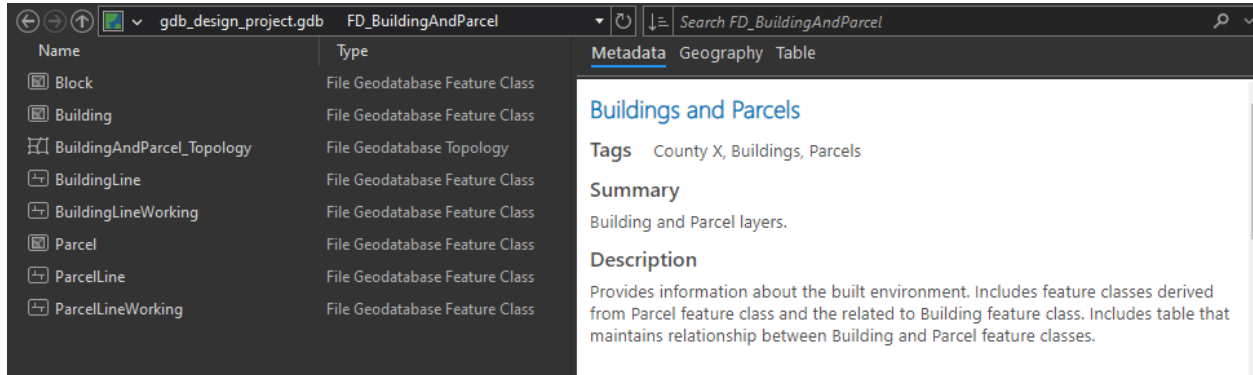
2.4 Hydrology

Feature Dataset: ***FD_Hydrology***

Provides information about water features which can be used for hydrological analysis.
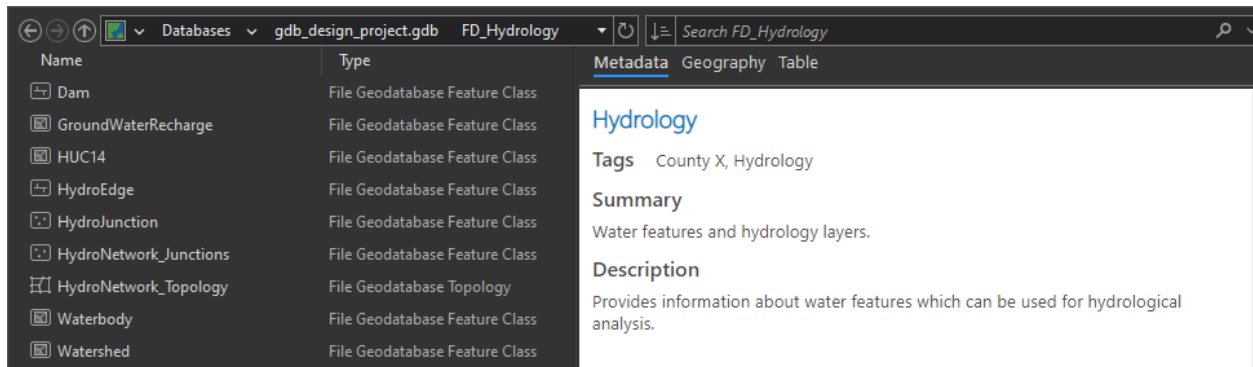
2.5   Habitat and Landscape Protection

Feature Dataset: ***FD_NaturalEnvironment***

Provides information about the natural environment for habitat and species protection. Contains peer reviewed, scientifically sound wildlife data that is easily accessible and can be integrated with planning, protection, and land management programs.
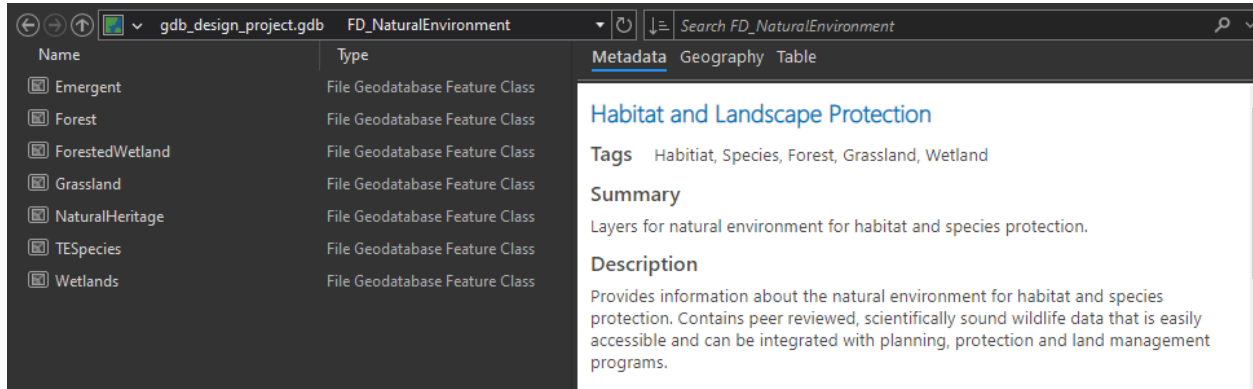
2.6 Sewer and Wastewater

Feature Dataset: **FD_SewerAndWasteWater**

Provides information about the sanitary sewer network and the storm water network.

2.7   Highways and Transportation

Feature Dataset: **FD_Transportation**

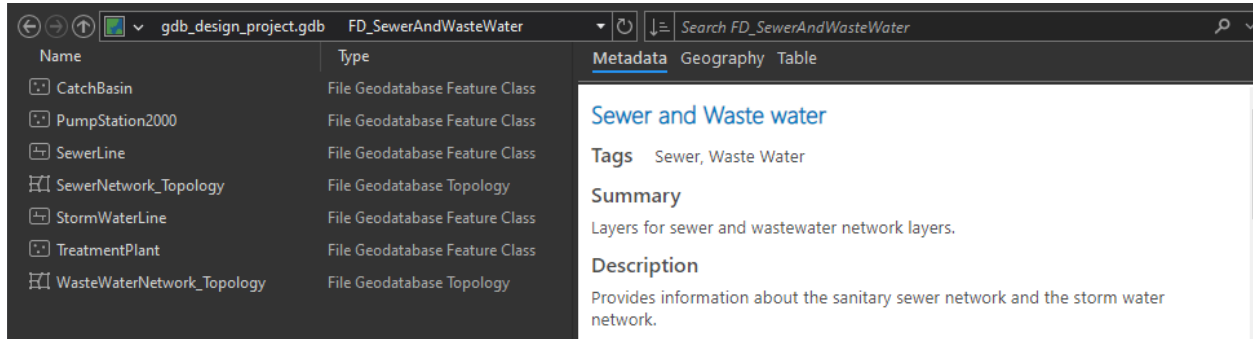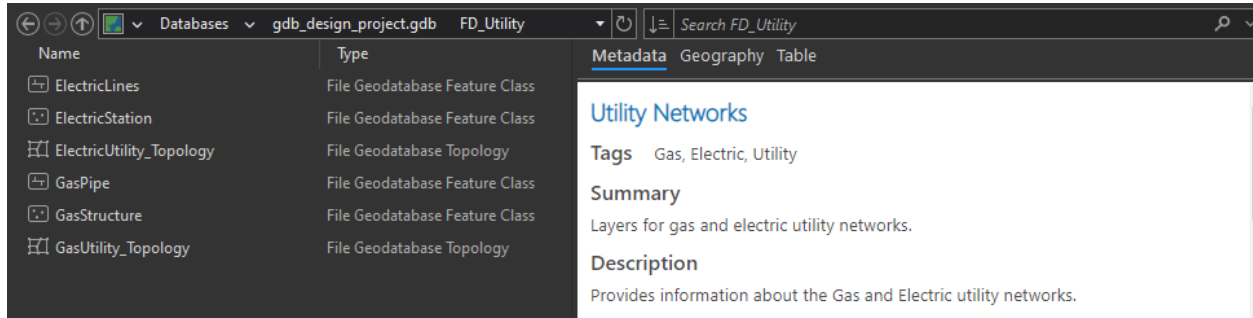Provides information about transportation networks, including highways, rail, and air transportation. Also contains feature classes relevant to highway maintenance.
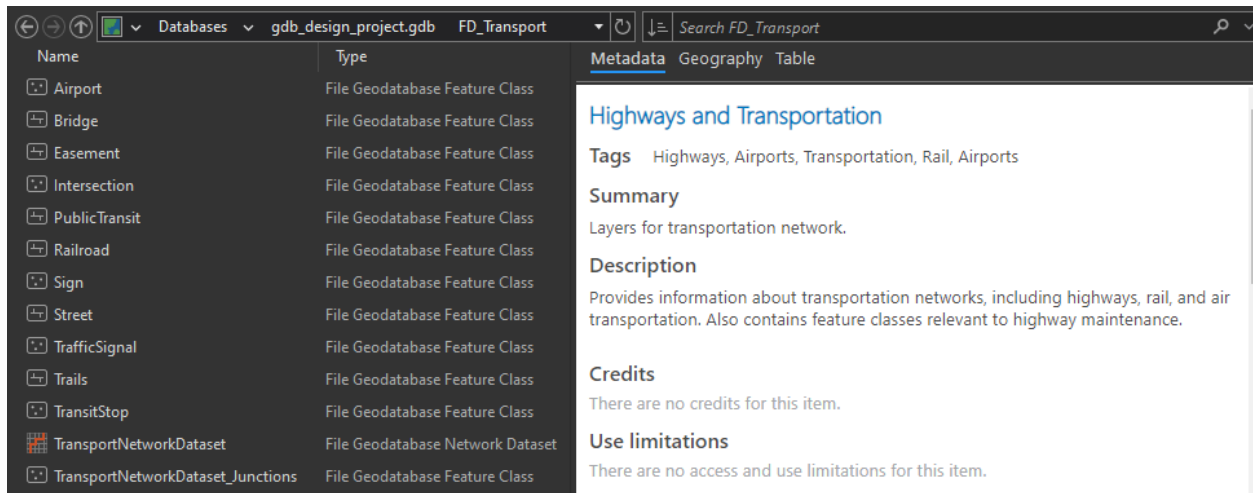
2.8   Utility Networks
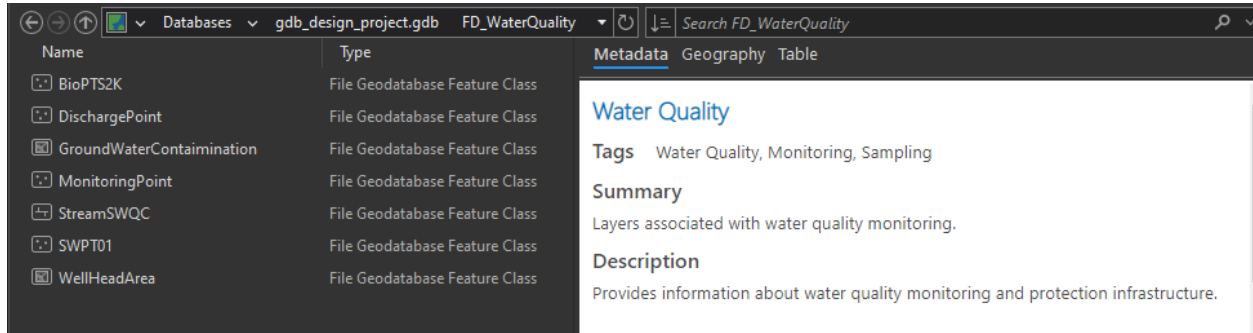
Feature Dataset: *FD_Utility*

Provides information about the Gas and Electric utility networks.

2.9   Water Quality

Feature Dataset: **FD_WaterQuality**

Provides information about water quality monitoring and protection infrastructure.

3   Details of Tables

There are three tables as follows:

3.1   BLDGADDRESS

The table BLDGADDRESS contains the address information associated with the Buildings feature class. This is a 1:M relationship between the addresses and the buildings to accommodate for structures that have more than one address associated with it.

3.2   PARCEL2BUILDINGS

The table PARCEL2BUILDINGS is a M: N relationship table between the parcels to buildings.

3.3   ZONINGLUT

The table ZONINGLUT is a look up table which contains the definitions of all the local zone classifications and their relationship to the County-wide general zoning classifications. The local zone classifications are from the official zoning maps adopted by each municipality. The generalized zone classifications were created by the X County Planning Division for the purpose of having common county-wide classifications.