

3. Notes in the drawing.

2. GDB/CAD/CSV file Submission Details

The following guidelines should be considered while preparing CAD/GDB for Road Network Layers and CSV for Proposed Duct/utility cross-section marker submissions. The File name should start with Project Name along with file details. For example Projectname_Crosssection.csv, Projectname_Dist_duct.csv, Projectname_roadlayout.dgn, Projectname_roadlayout.dwg, Projectname_Trans_duct.csv. (Ref. [Appendix 1](#))

2.1 Layers, Data Field and Definitions

ROAD NETWORK LAYERS				
S.No.	Layer_Name	Description	Geometry Type and Color Code CAD	Geometry Type GDB
1	Road Width	The width allocated to lanes for motorists, buses, trucks, bikes and this is also called carriage way.	Polyline and Point (RGB: 0:0:255)	Polygon
2	Roundabout	Non-pedestrian islands in the road surface that normally contains grass, trees, flowers or other plantations.	Polyline and Point (RGB: 255:102:102)	Polygon
3	Road Divider	The area that separates opposing lanes of traffic on divided roadways. Also called central reservation.	Polyline and Point (RGB: 255:0:255)	Polygon
4	Right-of-way	Right-of-Way is the land on which a roadway and its associated facilities and appurtenances are located. Highway right-of-way accommodates the entire roadway (i.e., travel lanes and shoulders), as well as adjacent sidewalks and the roadside corridors on which utilities are located.	Polyline (RGB: 0:255:0)	Polygon
5	Pavements	A path consisting of a paved area on the side of a road for Pedestrians, also called a sidewalk.	Polyline and Point (RGB: 204:0:0)	Polygon
6	Parking Lots	Should Represent vehicles Parking lot boundaries.	Polyline and Point (RGB: 0:255:0)	Polygon

