4.3 Dimensions, Text, and Annotation Layers

Dimensions, text, annotations, and hatching patterns used in reference to specific drawing objects outside of the title block shall be placed on layer names with DIMS, TEXT, ANNO, and PATT respectively. These designators shall be appended to the end of the layer on which the reference objects appear after a dash, based on the following rules.

- Dimensions are used to indicate distances, sizes, and measurements of or between objects. For example, dimensions related to specific bridges on a drawing should appear on the C-ROAD-BRDG-DIMS layer.

- Annotations are used to provide additional details about specific objects. For example, the diameter of a storm pipe shall be placed on the C-STRM-PIPE-ANNO layer. Leader lines connecting an annotation with their corresponding objects shall appear on the same layer as the annotation itself. In some cases, such as with pavement markings, text is a physical feature or object that belongs on a specific layer and not on an ANNO layer. For example, letters such as taxiway designators that are painted on the pavement of a taxiway would appear on the C-TAXI-MRKG-PVTX layer, whereas a label placed on the drawing that is not physically painted on the taxiway would appear on the C-TAXI-TEXT layer.

- Text is used to provide notes or general information that is not specific to objects. For example, text related to communications objects in general that appear on a drawing shall be placed on the E-COMM-TEXT layer.

- Hatch patterns are used to fill an area with a color and/or pattern. For example, hatch patterns use to fill property boundaries shall appear on C-PROP-BNDY-PATT.