

CITY OF CAYCE (GIS)

Spatial Standards

Effective 1/01/07, all record drawings submitted to the City shall conform to the following standards:

Spatial Data Standards for City of Cayce include:

Projection: South Carolina State Plane*
Horizontal Datum: NAD83 (North American Datum of 1983)
Vertical Datum: NAVD88 (North American Vertical Datum of 1988)
Datum Conversion: NADCON
Unit of Measure: International Foot (SC Code of Laws Title 27 Chapter 2)

*All federal installations must maintain data in the Universal Transverse Mercator (UTM) projection, Zone 17 based on NAD27.

Vector Data: ESRI-compliant geo-relational model (i.e, ESRI geodatabases, ArcInfo coverages, ARCInfo E00 export files, ArcView shapefiles and Spatial Database Engine layers), as well as AutoCAD's DXF.

Raster Data: ERDAS, LAN, Mr. Sid, JPEG, GIF, TIFF, GeoTIF, and BIL.

Tabular Data: INFO, Dbase, ASCII text delimited and ODBC compliant RDBMS tables.

Metadata: FGDC compliant for each layer.

The City of Cayce requires that all record drawings are submitted to these standards prior to Operation & Maintenance letter issued.

All questions directed to Karalyn Miskie, EIT, Project Engineer, at (803) 796-9020, Ext. 3075 or e-mail: kmiskie@cityofcayce-sc.gov