

Computer Aided Design and Drafting (CADD):

- CADD shall adhere to the Districts guidelines for developing Capital Improvement Project (CIP) Plans and Design Guideline Sections 1.1 and 1.2 of the Water Agencies' Standards.
- Digital formats for use in plan development, plats and AsBuilts (Record Drawings) can be performed utilizing MicroStation V8, MicroStation V8i or AutoCAD 2014 release or lower.

Digital format deliverables shall be in the native CAD format in which the plans were developed, i.e. MicroStation or AutoCAD. Translations are not required between the two programs.
- Projection/Coordinate System:
 - All horizontal data (X, Y coordinates) shall be delivered using the California State Plane Coordinate System (NAD 83, Zone VI, U.S. feet)
 - All vertical data (Z coordinates) shall be delivered using the North American Vertical Datum of 1988 (NAVD 88, U.S. feet)

Geographic Information System (GIS) Deliverables:

- Acceptable vector spatial data formats are File Geodatabases, Personal Geodatabases and Shapefiles.
- Acceptable raster data formats include File Geodatabase Raster, GeoTIFF, ERDAS IMAGINE, MrSID, JPEG 2000 and ECW. Imagery should be orthorectified whenever possible.
- Projection/Coordinate System: California State Plane coordinate System (US feet) Zone VI, North American Datum 83 (NAD 83).

Text Documents:

All electronic text document deliverables shall be in the Microsoft Office platform (Word, Excel, PowerPoint, Project, Visio, etc.) version 2010/2016.