



DIGITAL SUBMISSION REQUIREMENTS

CITY OF ORANGE
PUBLIC WORKS DEPARTMENT

JULY 2019

The surveyor or engineer preparing the tract map or parcel map shall submit to the Public Works Department digital graphics files containing such map and other maps associated with the same development project, including grading maps and street improvement maps in a format acceptable to the Public Works Director/City Engineer (OMC 16.08.040.J, OMC 16.08.070.D).

Digital submittals shall accompany all hard copy plan check submittals. A final digital submittal shall be made when final map has been approved and ready for recordation.

Digital submittal requirements shall comply with criteria listed below:

Formats

The following digital formats are acceptable:

1. AutoCAD drawing file (.DWG) format,
2. AutoCAD data exchange file (.DXF) format, or
3. ArcGIS geodatabase, or shape file formats.

Digital files may be submitted on USB Flash Drive, Optical Disk (CD/DVD), or via E-mail. The digital drawings should contain the entire project area on the same drawing. Submittal of digital drawings for individual page sheets will not be accepted.

Coordinates

The digital drawings must be in full size (1 to 1) scale. The coordinate system shall be NAD 1983 StatePlane California VI FIPS 0406 Feet.

Data Contents

The following data layers are required:

Tract Map/Parcel Map

Tract boundary
Street centerlines
Right of ways
Lot lines
Easements

Street Improvement Plan/Grading Plan

Curb and gutter
Water system
Storm drain system
Sewer system
Street Light
Building footprints