



Florida Department of Transportation

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SECRETARY

PRODUCTION SUPPORT MEMORANDUM 21-02

DATE: **July 12, 2021**

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Structures Design Engineers, District Roadway Design Engineers, District Traffic Operations Engineers, District Consultant Project Management Engineers, District Project Development Engineers, District CADD Managers

FROM: Paul Hiers, P.E., Manager, Production Support Office

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SUBJECT: **Signing and Sealing BIM files (Models)**

This memorandum is to announce that beginning with July 2022 Lettings, BIM files that are associated with earthwork must be signed and sealed. This new requirement applies only to projects being produced with Bentley's OpenRoads Designer or Autodesk Civil3D. Other BIM files where the level of development is considered construction-ready (LOD 300 and higher per CADD Manual, Section 5.16.6) may require signing and sealing as well.

The Production Support CADD Office has developed tools to generate a project BIM files manifest to be included on the Signature Sheet of the Plans to support the signing and sealing process. The 2022 FDOT Design Manual (FDM) will provide the process to be followed. An instructional webinar will be available in January 2022.

The QA/QC required activities contained in FDM 124 has been expanded to include the review of BIM files. This updated chapter will be posted with the 2022 FDM on November 1st.