

FDM 300 Series is being sunset in 2023 and replaced by FDM 900 Series

Brief summary and description of changes

After 3 years of development, the completed FDM 900 series will be posted this November. The new 900 series reflects model-centric designs that focus on:

- *Streamlining of plans - produce only what is needed by contractor.*
- *New work-flows resulting from the Department's transition to Bentley's OpenRoads Designer (ORD)*
- *Opportunities for efficiencies in plans production (cost reductions)*

The FDM 300 Series is based on Bentley's retired Select Series Platform and the use Geopak work-flows. Beginning in January 2020, all projects beginning design phase are to use Bentley's ORD platform to develop plans. Moving forward, the FDM 300 series only serves legacy projects that will be completed using the Select Series Platform. The FDM 300 Series will continue to be available on the FDM website's FDM 2022 page.

Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?

This change provides consistency with industry best practice to provide the latest tools for project development and plans preparation, in support of improved safety. By moving to the latest CADD technology, this change inspires innovation and fosters the talent needed to use the latest tools.

What financial impact does the change have? Project costs, pay item structure and consultant fees.
Ultimately, design costs will decrease, but as with any change, there may be a small initial cost increase as the Department and contractors adjust to the new requirements.

What impacts does the change have on production or construction schedules?

This rollout has been carefully timed to avoid adverse impacts on production schedules.

How does this change improve efficiency or quality?

This change will improve both efficiency and quality by replacing older CADD software and processes with the most current software and processes.

Which offices does the change impact?

Office of Design, Construction, Maintenance, Program Management, and Production Support.

What is the impact to the Districts with this change?

The districts are successfully adapting to the Bentley ORD platform and the required changes to plans production work-flows.

Have District counterpart's comments been addressed?

Numerous coordination meetings have been held with the districts to address their concerns and challenges. The PSO CADD Office provides one-on-one work sessions with district and consultant designers to help solve their issues.

Does the change shift risk and to who?

This change does not shift risks.

What is the communication plan and schedule for implementation?

This change has been implemented over the last several years, with announcements made at statewide and monthly meetings of FDOT and relevant industry groups. It is being communicated through the District Design Engineers, District Project Management Engineers, District Roadway Design Engineers, and the CADD Office.

The new FDM series has been vetted with FTBA and ACEC.