

Memorandum

To: Distribution

From: Megan Cail, Highways Design Engineer *MC*

Date: December 19, 2023

Subject: Construction Modeling Deliverables

This memo is to establish the responsibilities and interim process for creating construction deliverables from internal MDT design staff. Internal MDT design staff will utilize Activity 963 to mine pertinent data sets from their design files that construction will use to build their construction model.

The construction data extraction responsibilities and support functions are outlined below:

Design Project Manager's Responsibilities

- The design project manager is responsible for assembling the data outlined in Activity 963 and ensuring that it is placed in the CO directory of PCMS.
- A meeting will be held with construction and preconstruction personnel (Design Project Manager, Designer, Design Supervisor, District Engineering Automation Specialist, District Construction Engineer, Engineering Project Manager, Constructability Reviewer, etc.) to discuss the pertinent data that was assembled for construction and to review items for constructability.
- If design data changes following the completion of Activity 963, it is the design project manager's responsibility to ensure that updated data is uploaded to the CO directory in PCMS.

District Engineering Automation Specialist Responsibilities

- The District Engineering Automation Specialist will assist in moderating the meeting with construction and preconstruction personnel.
- The District Engineering Automation Specialist will ensure that the extracted data set is complete prior to completion of Activity 963.



An Activity 963 Help Guide has been developed to assist in the creation of construction modeling deliverables. “Please note that there is a pending change following the completion of a TBC Export specific code set in Civil 3D.”

[\(Link\) - TBC Model Creation](#)

If you have any questions pertaining to this memo, please contact the Highways Design Engineer.

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