

Good Day All:

I am Robert Garret, with EnvisionCAD. EnvisionCAD is working as consultant to IDOT in developing new 3D CADD policies

In furtherance of this work, I have worked with IDOT Policy Engineer Dan Mlacnik to prepare a survey for your input into the 3D design initiatives which are ongoing in the DOT. Please forward this link to as many of your members as you think is appropriate. This survey will expire on [October 16th](#).

<https://www.surveymonkey.com/r/L6QRD77>

As we discussed at the Joint Co-Op meeting in August, a primary goal for the initiative is to provide the necessary design framework and design deliverables to enable the use of automated machine guidance on those projects where it is appropriate. As a refresher, the following is a list of activities which are ongoing:

- Some districts have prepared 3D models already on a small number of pilot projects. Even though the software and 3D modeling methods in use at the time were less than ideal, significant advantages were found during the construction phase of projects where a 3D model was used.
- Since March 2016, the design workspace and CADD manuals have been undergoing a substantial rewrite to better accommodate the needs of producing 3D models.
- The CADD manuals referred to here is a rewrite and merger of:
  - o CADD Roadway Drafting and Reference Guide
  - o CADD Structures Drafting Reference Guide
  - o CADD Roadway and Structures Project Deliverables Policy
- A 2<sup>nd</sup> draft of the new manuals and workspace is nearing completion for internal IDOT review is nearly complete.
- A public draft for review is expected in a few weeks with a "Pilot" version expected after a public review period.
- The "Pilot" version is expected to be used and revised for a period of a year with a final version released in 2017.

Your input to the above survey will provide valuable information to the process as we develop the new manual and workspace.

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