Public Meeting Q&A

5:30 pm, December 7, 2016
Beck Recreation Center

Q 1: Will the template work with AutoCAD version 2017?

A: No, the template is set up to support AutoCAD version 2013-2016.

Q 2: Can CAD designers use networks for pressure pipe diagrams and pressure systems?

A: CAD designers can use pressure networks, but the CAD to GIS data conversion was designed for simple AutoCAD features so all pressure networks will need to be submitted as line features, not Civil 3D pressure or gravity networks.

Q 3: Are there annotated blocks?

A: The blocks included for the Data Migration Standard are not annotative blocks.

Q 4: Is it required to bind X-refs as blocks prior to submission?

A: X-refs should not be submitted as blocks, data needed from x-refs should be bound into the file provided to the City as individual layer entities/objects.

Q 5: Is vertical data required?

A: No, vertical profile data is not required in the submittal, there are some entities where elevation information is required as attribute data, these features are identified in Table 7 of the CAD to GIS Data Migration Standards.

Q 6: Should the exported report from the batch standards checker show everything or only the problems?

A: The exported report will identify inconsistencies in the data when compared to the standard, including all information from the report is preferred by the City.

Q7: Is there a size limit on the files accepted by the City through the AMANDA portal?

A: Yes, 90 MB.

Q 8: What happens when a violation in the report is due to the project being outside of City limits?

A: The checker will flag this as an error. If the project is indeed outside of City limits, include this in the note section in the report.

Q 9: Does the submission include only AutoCAD objects in the template?

A: The submission to the City should include a mix of Civil 3D and AutoCAD objects and feature types required in Table 7; please ensure that the attributes are on the right layer.

Q 10: What about the extra information in the drawings, does it need to be removed?

A: Yes, only submit the data contained in Tables 6 and 7.

Q 11: Is it required to submit existing infrastructure?

A: No, only proposed infrastructure is required. As such, existing features will need to be detached. Also, please do not include imagery.

Q 12: Do you want pipe inverts?

A: Yes, that is part of the submittal. Please refer to the CAD Submittal Standards document for a full list of requirements.

Q 13: How do you keep only proposed data, if we delete existing features or will the conversion process lose data?

A: You can XML it out, or promote the data to the surface such that it won't be lost. Most CAD users will stick with their own template, so they will copy it all at the end.

Q 14: Are we just giving Civil 3D objects or do they need to be labeled?

A: No, they do not need to be labeled, we are just looking at the data.

Q 15: What if there's a change in construction, and are as-builts needed to be submitted as part of this new requirement?

A: No, the City will continue to update the GIS database manually for as-built changes.

Q 16: Which projects will be grandfathered in and not required to submit CAD files?

A: To allow time for projects under a contract between owners and designers prior to January 1, 2017, standard CAD files will not be required until June 1, 2017. All new projects moving forward will need to account for the CAD Submittal Standard requirement and will be required to provide the requested information at the final approval submittal in AMANDA. However, it is recommended to start adhering to the Standard prior to June 1, 2017 to provide feedback to the City to help improve the process.

Q 17: Should surfaces be hidden?

A: Yes, if possible.

Q 18: Since information is being provided in CAD format, is it still needed on the PDFs submitted for regular review?

A: The CAD Submittal Standard does not change the City's review process or any other City requirements.

Q 19: When a DWG file is submitted, does it need to be in ground coordinates?

A: The data needs to be submitted in state plane coordinates.

Q 20: How often will newer versions be submitted, and will a notification be sent out to users?

A: New versions are not expected more than once a year unless there is a major issue that needs to be addressed immediately. The files will contain the version number in the title so it will be important to check the City's website to ensure you are using the most up-to-date version.

Q 21: Will the review engineer look at the DWG file? Since information is being provided in CAD format, is it still needed on the PDF's submitted for regular review?

> A: No, the review will still be looking at the PDF. The CAD Submittal Standard does not change the City's review process or any other City requirements.

Questions Regarding Aurora Open Data

Q 22: What is the download format?

> A: Shapefile, but the legacy site supports some AutoCAD (.dwg) data.

Q 23: Will the legacy site be up to date?

> A: No, it will be one month behind. The current GIS site is real-time and dynamic.

Q 24: Will the legacy site continue?

> A: Yes, if that is what is desired.

Q 25: Can GIS data be connected via web services and streamed?

> A: Yes, the GIS data can be consumed via web services.