

Project Status Report: CEE-2018CPST-009

Report Date: January 14, 2019

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Project Title: Sewer System Consolidation

1) Summary of technical/non-technical challenges encountered

- Government shut down
- Communicating with GIS professionals/City Workers became difficult
- Deciding on clear path for collecting data because of lack of reliable GIS Databases has been a larger effort than expected

2) Team approaches & resolutions to overcome challenges

- Searching non-government databases for data
- Continuing to reach out to government agencies for data; we are trying to be positive
- Discussing other options including:
 - Creating elevation profiles from Google Earth to compensate for lack of data
 - Using AutoCAD to use Google Earth elevation profiles to map pipe network

3) Status of challenge resolutions & potential project impact

- Government reconvening is unknown, however reliable data has been found that we will convert to useful formats (i.e. DEM and Contour)
- Government agencies have been polite but have not given us data; however we will continue to reach out to them in hope they may aid us in our search
- Assignments have been made for pipeline profile production (via. Google Earth) and CAD data production

4) Project status & summary

- Data acquisition has begun; team hopes to begin modeling in WaterCAD within the next couple of weeks