



**Project Status Report: CEE-2019CPST-006**  
**Team Members: Melissa Adams, Katri Clay, James Umphress**  
**Project Title: Coleman Sewer Collection System Optimization**

**Report Date: 02/10/20**

**1) Summary of technical/non-technical challenges encountered**

- During this report period, the team encountered very few problems.
- The team determined that Google Earth Elevations are slightly offset from the elevation data give within the PDF of the collection system.

**2) Team approaches & resolutions to overcome challenges**

- The team discussed the offset and determined that The values themselves were less important than the difference between the pump elevation and the force main end elevation.

**3) Status of challenge resolutions & potential project impact**

- The elevation data for each of the pumps is almost completely collected, and will be ready for analysis in the next week.

**4) Project status & summary**

- With the base map layer complete within the AutoCAD file, the collection system can be imputed into the file.
- The 30 pump stations have been divided among the team members in order to determine elevation at the pump station and at the end of the connected force main using Google Earth.

2/10/2020

Please enter # of hours spent on project this last week for each team member in the order listed above

Member #1: 1                      Member #2: 1                      Member #3: 2.5                      Member #4: