



Project Status Report: CEEEn-2018CPST-007

Report Date: 11 March 2019

Team Members: Ryan Smart, Nicole Hastings, Hanna Opdahl, Daniel Fiso

Project Title: Woodland Hills Snow-Runoff Drainage Options

1) Summary of technical/non-technical challenges encountered

- The main goal for this week was to determine the slopes of our channels and culverts and begin designing them. We week traveled out to Woodland Hills and measured the slopes and elevations of the culverts and channels. There was about a foot of snow on the ground which made it difficult to obtain accurate measurements.

2) Team approaches & resolutions to overcome challenges

- In order to alleviate the challenge with the snow, we did our best to dig out the snow and find the necessary elevations to obtain accurate measurements. We also used a systematic approach to take all of our readings, therefore our readings will all be consistent. We also used a digital level, which gives accurate slope readings.

3) Status of challenge resolutions & potential project impact

- We took our readings in accordance with the description in box 2. We believe that though we had problems with the snow, our readings for slope are still accurate and valid for culvert design.

4) Project status & summary

- We have been designing the channels and will begin designing the culverts this week. After which we will start drawing up typical cross sections and begin presentation preparation.

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

Member #1: 8.0

Member #2: 8.0

Member #1: 8.5

Member #2: 9.0