

**Project Status Report: CEE-2018CPST-006**

**Report Date: 03/11/2019**

**Team Members: Nick Linton, River Sanders, Pablo Galvez, Eduardo Rodriguez**

**Project Title: Woodland Hills Pavement Management Project**

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

- One of the goals for the upcoming week is to finish the website for the client. One challenge encountered was that the forms must have descriptions and pictures on each of the form questions but this increases the size of the file and makes it hard to process and upload.
- Another challenge encountered was the calibration of the algorithm used on the website. One group member went to a location to obtain values using our current pavement evaluation website to compare with actual ratings on that location.
- Creating recommendations on how to remediate actual conditions of Woodland Hills roads.

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

- Descriptions and pictures were limited to one per question form only on those questions that are repeated through the form.
- To overcome this challenge we calibrated the algorithm on the website so it gives more accurate ratings to the pavement.
- To overcome this challenge a previously built spreadsheet found online served us as a guide to calculate areas, costs, and potential remediation actions for the damaged streets.

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

- Working on the calibration of the algorithm and descriptions on the forms to make it more user friendly and more accurate. We meet with our advisor to have comments on how to better resolve the issue and what steps we should take moving forward on this project.

**4) Project status & summary**

- Project is very close to completion and we are planning on meeting with client and Woodland Hills City Council to present results.