

Project Status Report: CEEEn-2018CPST-006

Report Date: 11/26/2018

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Project Title: Woodland Hills Pavement

1) Summary of technical/non-technical challenges encountered

- Finding how long certain pavement treatments will extend the life of the roads depending on the PASER level.
- Finding out how much certain treatments might cost.
- Classifying the streets.
- Revising the statement of work.

2) Team approaches & resolutions to overcome challenges

- To research various treatment scholar papers in order to best estimate the life added to the road.
- Calling four different companies to receive estimate ranges of certain treatments.
- To continue analyzing the streets to decide which streets might fit which descriptions. This includes debating between team member for streets in question.
- To review corrections that Dr. Schultz provided for the statement of work and apply them.

3) Status of challenge resolutions & potential project impact

- Research has been done in order to find the best estimates of how long certain treatments should extend the life of the roads.
- Dr. Guthrie has been contacted to help us know which companies to contact. Companies still remain to be contacted.
- Team members performed their own analysis to help correctly classify streets
- Revisions were made to the statement of work.

4) Project status & summary

- Right now we are about finished classifying the streets given to us for analysis. We are also continuing to work on creating a Pavement Management System (PMS) using the PASER manual and accumulative research about certain treatments. The PMS will not only include how the city can better maintain their streets, but exactly how cost-effective it will be versus the current system Woodland Hills has in place. The research being done will help in this endeavor as well as finding out costs for each treatment.