

Project Status Report: CEE-2018CPST-013

Report Date: Oct. 22, 2018

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Project Title: Springville Performance Evaluation & Pavement Design for Minor Collectors

1) Summary of technical/non-technical challenges encountered

This week, we have been working together to overcome two challenges:

1. Coordinate with our faculty mentor and graduate research assistants to determine which days would be feasible to perform the necessary field testing and sampling.
2. Create a flowchart to assist ourselves and our mentor understand the necessary steps and tasks to complete our project in a timely fashion.

2) Team approaches & resolutions to overcome challenges

Our approaches to the individual problems are summarized below:

1. After creating a survey to determine our times of availability from last week, we sent the information to our mentor to determine the ideal times to perform the testing.
2. Using a flowchart, we generated a streamlined mindmap of our problem discovery, field and laboratory work necessary, with our possible solutions.
3. Reach out again to the construction management to determine if there is a spreadsheet program (gantt chart) to track our project status.

3) Status of challenge resolutions & potential project impact

1. Currently, we are waiting for feedback from our mentor about the times of sampling and about our project flowchart, to see if we have covered all necessary steps. This feedback will help us shape our approach.
2. Without the construction management spreadsheet, we are still using an online gantt chart via SmartSheet, which we have a free trial period to use. However, it will be necessary to reach out again, create a new sheet, or subscribe in order to keep our schedule up-to-date.

4) Project status & summary

We continue to remain on track. As we continue to follow our schedules and increase our knowledge of pavement design and testing, we will be prepared to perform our analyses after the sampling has been completed.