

Project Status Report: CEEEn-2018CPST-006

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Project Title: Woodland Hills Pavement

1) Summary of technical/non-technical challenges encountered

- Setting time apart to do the street functional analysis.
- Further research of PASER manual and how to visually display road service life on graph.

2) Team approaches & resolutions to overcome challenges

- The team members would spend time collecting data from the video recorded on several streets in Woodland Hills.
- To thoroughly read PASER and other resources.

3) Status of challenge resolutions & potential project impact

- Finished the data collection for all streets
- Paser and other resources were read to better understand when treatments should be applied and how long they might add years to a road's service life.

4) Project status & summary

- This week we were able to finish up the data collection and the functional analysis for all roads. The major road, Woodland Hills drive, is now up for debate since the vehicular volume is high enough for it to be a minor arterial or a major collector of a rural area or a minor collector of an urban area. The FHWA criteria will be used to determine its classification. Because of its accessibility, Willow Reed Road could also function as a minor collector (it had the second highest daily vehicular volume). However, it would need about a 53.07% increase in vehicular volume for the criteria to be met. Therefore, all the remaining roads were classified as local roads. The Paser manual and other resources were also used to better determine when treatments should be applied to a road and how long they might extend the life of the road.