

Project Status Report: CEEEn-2016CPST-004

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<div><div>1) Summary of technical/non-technical challenges encountered</div><div>There have been a few minor delays in the data acquisition. There was a bit of confusion and miscommunication with the city of Orem about the scope of the project. A group member has had a few health issues this past semester and this last week, he had a newborn baby. This has taken some of his time and posed challenges with coordinating schedules.</div></div>	<div><div>2) Team approaches/resolutions to overcome challenges</div><div>We are learning that communication is essential in order to overcome obstacles. Our meeting with the City of Orem’s transportation department realigned our project planning and gave us a better sense of what direction we need to head. We recognize the importance of seeking advice from our advisors and mentors. Orem’s engineers reminded us that if we have concerns or questions, we need to address them. We also sought Dr. Saito’s advice and will continue to do so, in order to address all the needs of our employer.</div></div>
<div><div>3) Status of challenge resolutions & potential project impacts</div><div>A meeting with the city of Orem transportation department gave additional clarification to the scope of our project. The delay in the data acquisition has put us behind schedule. This has cost us time. In order to resolve this issue, we will contact Orem again and acquire an update on the data, a crucial aspect of our project.</div></div>	<div><div>4) Project Status & Summary</div><div>We will include an analysis of the 800 east corridor and intersections and provide a projection into the future of the costs and benefits of installing different intersection systems. The city of Orem has a plan to update all roads by 2040 to make room for the increase in population. We will analyze and present findings on the overall cost or savings of installing a roundabout or traffic signal after roughly 20 years. The team has solidified our contact schedule with our sponsor and will provide preliminary models and data for check by the end of February. The team will continue to follow the plan outlined in the PMP. February will be used to conduct data analysis and modeling of the specified intersections and segments of road.</div></div>