

Project Status Report: CEEEn-2016CPST-009: BRT Bus Station Location and Traffic Flow Enhancement Study
Team Members: Ryan Egbert, Josh Gibbons, Jenny Blonquist, and Jordan Williams
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1) Summary of technical/non-technical challenges encountered

- **Challenges with lane alignments on Campus Drive/ 900 N intersection.**

Currently the eastbound lanes include a left-turn and a through lane. These lanes are lined up directly with the two receiving lanes on the east side of the intersection. We are proposing to add a third eastbound lane as a bus-only lane while keeping separate left-turn and through lanes. This means we will still only need the two existing receiving lanes on the east side of the intersection. However, with three eastbound lanes on the west side, the lanes will not line up directly across from each other. Drivers will have to go at a slant through the intersection, but we will try to minimize this in the design.

2) Team approaches/resolutions to overcome challenges

- **Further adjustments to the lanes will be the focus of our next meeting.**
- **If necessary, we will consult our professor mentors.**

3) Status of challenge resolutions & potential project impacts

- **There are no immediate impacts. We are currently right on schedule.**

4) Project Status & Summary

- **Everything is currently right on schedule. Several ideas were given at our most recent meeting. Preliminary ideas were drawn up in Synchro. The next few meetings will focus on solidifying design options to present to the sponsor as well as resolving current challenges. A picture of one of the ideas is attached below.**

