

Project Status Report: CEEEn-2018CPST-001

Report Date: 04 February 2019

Team Members: Ryan Wilkinson, Shane Oh, Rex Henretta

Project Title: Bluffdale Bridge Options

1) Summary of technical/non-technical challenges encountered

- Faculty members are very busy and have not been available to verify our calculations.
- Presenting results in a brief but complete manner through a PowerPoint presentation and written report.
- Funding opportunities for project of our scope and scale are very limited, both on the local level and the federal level.

2) Team approaches & resolutions to overcome challenges

- Our approach to finding more grant opportunities is to look for ways to incorporate the bridge replacement into larger plans. There are many different grants available for things such as creating better bicycle lanes or creating a safe walking area for school children. If the city is willing to create plans that support such objectives, the funding for the bridge can be incorporated into these plans.

3) Status of challenge resolutions & potential project impact

- City council presentation has most of the required information. Economic analysis and further replacement detail will be added.
- Meetings will be set with faculty members to discuss calculations.
- Currently, we have found several grant opportunities that can indirectly fund the replacement costs of the bridge.

4) Project status & summary

- The analysis is complete and will be checked by other members of the team and faculty.
- We are nearing completion of the presentation, as well as the time value analysis and the funding options.
- We have planned a time to create the model of the bridge.

Please enter # of hours spent on project this last week for each team member in the order listed above