

BYU ENGINEERING

Civil & Construction Engineering

CAPSTONE

Project Status Report: CPST-0 06

Weekly Mtg: 3/18/2024

Team Members: Andrew Olsen, Becca Apgar, Caroline Preece

Project Title: Springville Road Crossing

1) Summary of technical/non-technical challenges encountered

- Hy-8 is still taking a very long time to load changes and open files
- HEC-ras shows a raised water level for all options we have tried which is not allowed by FEMA
- The FEMA map and our model show levees at different places.

2) Team approaches & resolutions to overcome challenges

- Set up meeting with Dr. Hotchkiss
- We emailed Chris about our challenges regarding the FEMA map and water levels
- We are going to try larger and larger culverts until the water level doesn't raise

3) Status of challenge resolutions & potential project impact

- We met with Dr. Hotchkiss and he is contacting someone at Aquaveo to help
- Chris emailed back about the FEMA levees and we are adjusting our model according

4) Project status & summary

- We are moving along well and on time to finish.
- We are working on our deliverables for Chris

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

3/18/2024

Member #1: 5

Member #2: 4.6

Member #3: 5.5

Member #4:

Member #5: