

BYU ENGINEERING

Civil & Construction Engineering

CAPSTONE

Project Status Report: CPST-0 11

Weekly Mtg: CB 425 @ 3-4pm

Team Members: Beau Switzer, Blake Hull, Sammy Cuessy, Spencer Moon

Project Title: Thermal Precision Drones

1) Summary of technical/non-technical challenges encountered

- Currently smooth sailing for the most part as we were able to get a straight stitched image of the bridge. We are trying now to identify the high heat zones by hatching them in AutoCAD.

2) Team approaches & resolutions to overcome challenges

- Beau set up the AutoCAD file with the correct scale. He has become busy with school, so spencer is trying to go through and do the hatching with his file.

3) Status of challenge resolutions & potential project impact

- Currently the hatching is very close to becoming complete then we will be able to present our findings to Dr. Guthrie.

4) Project status & summary

- Once the hatching is complete we need to make the file look professional
- We will present our findings to Dr. Guthrie
- We can then also asses how accurate our prosses is
- If accurate we can use professor Emory's work to determine if the bridge needs repair
- We can collect more data to make sure our process is sounds
- Report our findings and our process

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

2/20/2024

Member #1: 2.25

Member #2: .75

Member #3: 2.5

Member #4: 2.75

Member #5: