

Project Status Report: CEE-2019CPST-0 15

Report Date: Feb 24, 2020

Team Members: Michael Chidester, Tyler Jensen, Sabrina McCuen, and Hannah Van Noy

Project Title: Coreform FEA Benchmark Project

1) Summary of technical/non-technical challenges encountered

- We had trouble manipulating the mesh for benchmark LE1 to match exactly what was shown in the image given.

2) Team approaches & resolutions to overcome challenges

- We met with Dr. Lee this week who was able to give us a couple of options for manipulating the mesh.

3) Status of challenge resolutions & potential project impact

- We have been able to manipulate mesh. We now just need to apply it to LE1.

4) Project status & summary

- All team members should be able to complete both benchmark activities in ANSYS by the end of this week. We will then be ready to start using Coreform's FEA program.

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

Member #1: 2

Member #2: 2

Member #3: 2

Member #4: 2.5