# **BYU** | CIVIL & ENVIRONMENTAL ENGINEERING

# **IRA A. FULTON COLLEGE**



Project Status Report: CEEn-2016CPST-010: Trail Corridor Design Team Members: Joel Whitmer, Clay Hansen, Brandon Walker

Date: 1/30/2017

## 1) Summary of technical/non-technical challenges encountered

- The number one challenging facing our team has been a lack of technical expertise. Our project includes a lot of work that must be done using Civil 3D and GIS computer programs which are completely unfamiliar to us. Not only are these programs new to us but we also are not exerts at using the maps and data located on the Utah AGRC website.
- The second challenge facing our team was one of team members spending a week in Argentina. This has caused some minor set backs as we are left a man short at this critical time of learning and decision making.
- The last challenge that hasn't caused us major problems but has seemed like a hindrance was lacking a faculty advisor for most of the month.

# 2) Team approaches/resolutions to overcome challenges

- Our team hasn't fully overcame any of our challenges yet but we feel like persistence is our best friend.
- We also think that once we are competent with the computer software designing should be easier and hopefully will be able to progress rabidly.

## 3) Status of challenge resolutions & potential project impacts

- Right now the most productive thing we have done to overcome challenges is ask for help. Our group has found great success in meeting with CE 461 TA. This student has significantly more experience using the programs we need and has proved an invaluable resource.
- Dr Lee has also found us a faculty advisor so that we have someone to help us if the need arises.

## 4) Project Status & Summary

• We have started a preliminary design and hope to have a majority of design work done by the end of February.

February 6, 2017