

Group #4: Zaid Admani, Brent Crawford, Stephen Zhao

Basemaps:



Progress Report #1:

Base Map. Attached.

- So far we have visited the site after a recent rainfall to get an onsite evaluation of conditions. Through the visit we have located the areas which should be our main focus due to excess mud. (Right outside the new Gates building)
- We are in the process of using ARC GIS and HEC-RAS to analyze the site in order to get accurate data for further design.
- We have also collected variety of data regarding costs of the project as well as obtained several conceptual designs.
- We will work with Carlos to obtain LIDAR data and any additional information that Carlos might have that would be helpful for our project.
- Currently our plan for the area is to replace some of the areas covered in dirt and install porous pavement. This will also require some digging in order to lay some more pervious material underneath the pavement.
- The porous pavement will not only prevent ponding and mudding, it will increase the aesthetics of the area as well filter pollutants.