

Land & Water iCAP Meeting 4/4/23

Attendees: Betsy Liggett, Kavya Mula, Nikki Palella, Brent Lewis, Carmen Ugarte, Jonathon Mosley, Mickey Castigador

Carmen's Updates

- Carmen plans on sending out a summary of this year's Land & Water progress for the benefit of next years team members
- This document will bring them up to speed and notify them of any projects that need to be finished next year

Associated Action Item: Feel free to add to this document when Carmen sends it out (Everyone)

Soil Team Updates

- The soil committee brainstormed potential recommendations for the next year
- One such rec would be the implementation of conservation practices or cover crops in areas that are highly visible, for example, the field around the airport
 - UIUC can market these changes to then use more green practices in the south farms
- Another goal is to document all management practices done at all of the ag land the University owns
 - The university can also record this data and market it to their liking
- The first step is to obtain a list of all farmers under contract or lease from UIUC in order to get a better hand on large scale management

Finishing Up State Farm Center Rec

- Nikki called businesses in the area who do permeable paver installations to get a cost estimate
 - However, they need to know more specifics like thickness, manufacturer, style, and if we want them specifically to remove it
- We can leave out the underdrainage aspect of the recommendation for now, keep it in mind for next year, because the planting beds automatically drain much better with permeable pavement in place
 - Add this to Carmen's summary
- As for the NE lot, we will address that we understand that permeable asphalt was used in limited application and we are pushing to install more (above minimum standards)
- We will likely use a 14 inch base aggregate, unilock paver
- To complete the budget, we will use the 2021 Alma Mater project as a reference because we are shooting for a similar profile: 14 inches of pavement and then aggregate on top

- The Alma Mater project was \$37/sq foot and we can factor in around 30 percent to account for inflation and cost of materials
- Efficiencies go up on larger projects, so economies of scale improve
 - Machine labor is much faster than hand labor, speciality equipment is rented
- Because the project is so big, there will have to be a bidding process because F&S will not do it
- There are some contractors who are already approved to work for the university that we could potentially use on this project

Associated Action Items: Update the budget and submit SFC recommendation (Nikki), leave individual comments (Everyone), Update the summary with prospect of under drainages for the future (Carmen)

C9 Paver Maintenance Budget

- It costs 400-600 dollars per half acre and the lot is roughly half an acre
- We need to identify who does the vacuuming service in the area
- \$1-2,000 is an accurate estimate of this project's cost
- Default to a couple grand to include travel

Associated Action Items: Update the budget and submit Paver Maintenance recommendation (Nikki), leave individual comments (Everyone), continue to reach out and identify local services we can contract (Nikki)