Transportation SWATeam Meeting

Date: 2/10/21

Time: 10-11AM

Attendees: Lindsay Braun (co-chair & faculty), Sarthak Prasad (staff), Michele Guerra (Staff), Paul Slezak (Staff), Stacey DeLorenzo (non-voting staff), Julija Sakutyte (clerk)

Agenda

* Update: Intern Solicitation Process (3.4, 3.4.1, 3.4.3)
* **Rhea Joshi:** [Intern Resources List](https://uofi.app.box.com/file/748435697490) (3.4, 3.4.1, 3.4.3)
  + Working with Claire to find teleconferencing policy resources.
  + Intern could work to build a list of contacts.
* **Paul Slezak:** EV Dashboard Data (loosely related to 3.1)
  + Has compilation drafted
  + Working on it, will send through list-serv
* **Paul Slezak:** Initialization of EV Task Force (3.3)
  + Unclear about Parking department needs in terms of EV Task Force
  + S.P will bring up on agenda of meeting with EV Task Force
    - Is parking prepared to charge this task force?
    - If not, are there supports needed? How can the SWATeam assist?
    - **If yes, draft recommendation for the Parking Department to charge EV Task Force.**
* **Team:** [**EV Task Force Member Suggestions**](https://uofi.app.box.com/file/748645039439) **(3.3)**
  + Feel free to add interested parties
* **Ria Kontou & Sarthak Prasad:** Fleet Vehicle Usage (3.1)
  + Was there a conversation about EV, fleet vehicles, and objective 3.1? Are there any recommendation ideas?
  + No update; SP will work on it over the next two weeks.
* **Team: Air Travel Emissions (3.5)**
  + Last meeting (12/16), we discussed a recommendation to create a more centralized process of processing air travel.
  + Need to discuss with Meredith Moore about program status and potential recommendation.
  + No one on team commented, no one volunteered to lead efforts on this objective.
* Roundtable Discussion:
  + 3.2: Increase PCI to 65 by FY25
    - At this point, pre-COVID funding was rescinded after COVID.
    - No ability for routine maintenance of streets beyond major safety concerns.
    - Potential for funding for FY22.
    - 0-20, 20-40, < 55 (below threshold for minor maintenance costs).
    - Emphasize the priority of this issue.
      * Funding lacking for at least 5 years.
      * Express on annual reports/presentations that routine maintenance is incredibly important.
      * Not just about condition of road, but also maintaining the presence of campus.
  + 3.4: Reduce Driving on Campus and Staff SOV trips 10% by 2025.
    - Tied up with Internship work (telecommuting/teleconferencing, commuter program).
    - Carpooling/Van pool programs
    - Promoting active transportation
      * Promote walkability of campus
        + Collaboration with SWATeams?

Education SWATeam

Engagement SWATeam

Resilience SWATeam

* + - * + Report/audit of walkways

Michele Guerra will send report to SWATeam

* + 3.4.2: Continue to Implement Bike Plan
    - [Progress Report of the Campus Bike Plan](https://fs.illinois.edu/docs/default-source/tdm/2019-report-for-2014-campus-bicycle-plan-final.pdf?sfvrsn=cf0bd2ea_0)
    - Sarthak Prasad will send an updated \*draft\* version of the bike plan with prioritized objectives.
    - Sarthak Prasad will let the SWATeam know if any additional support is needed for progressing on this objective.
    - Main forms of progress:
      * Bike registrations ongoing
      * Bike paths
        + Bike path projects
        + Removing older paths
        + Adding/maintaining new paths
      * Progress on bike shelters
        + Continuing to build shelters
    - Additional objectives of Bike plan:
      * Education
      * Engineering
      * Outreach/Engagement
    - Potential expansions
      * Bike showers
      * Bike lockers
      * Potential avenues of exploration: Facilities Standard/Recommendations

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| --- | --- | --- | --- | --- |
| Objective | Objective description | Potentially Interested Members | Potential Recommendation Ideas | Required tasks |
| 3.1 | 80% Fleet Replacement Plans by FY24 | Lindsay Braun |  |  |
| 3.2 | Increase PCI to 65 by FY25 | Sarthak Prasad, Stacey DeLorenzo |  |  |
| 3.3 | Parking Department EV Task Force | Eleftheria Kontou, Paul Slezak |  |  |
| 3.4 | Reduce driving on campus and staff SOV trips 10% by 2025. | Lindsay Braun, Sarthak Prasad,  Paul Slezak (?) |  |  |
| 3.4.1 | Develop a commuter program | Lindsay Braun, Sarthak Prasad |  |  |
| 3.4.2 | Continue to implement Campus Bike Plan | Sarthak Prasad, Claire Rathslag |  |  |
| 3.4.3 | Establish campus telecommunicating policies by FY24 | Intern, Sarthak Prasad (?) |  | Develop an inventory of campus teleconferencing  facilities and their accessibility by  the end of FY21. SWATeam members will help  iSEE develop a standardized form for distribution  to campus units and departments. The  form will record availability of teleconferencing  facilities within campus buildings; specifically,  rooms with high-quality teleconferencing capabilities  And/or the ability to hold group meetings remotely. |
| 3.5 | Reduce net air travel emissions by 50% from FY14 baseline by FY24. |  | Develop comprehensive local offsets program |  |

Roundtable Discussions

Recommendations Wishlist

* Replace the entire UI fleet of vehicles that are run on fossil fuels as quickly as possible. At a minimum replace these vehicles with electric vehicles at a rate of 10% of the fleet per year to reach goal of 100% electric by 2030.
* Support CMP by increasing pedestrian safety by reevaluating current pedestrian routes and conducting traffic studies.
* Make sure the ZipCars continue to serve at popular locations. - Setup a fund to pay for those parking spaces or ask Parking not to charge the department or something.
* a survey of faculty and staff to explore possibilities for reducing air travel
* Identify campus intersections and mid-block crossings with high potential for crashes, and develop/implement design improvement strategies
* "Establish a University of Illinois Foundation fund to support campus efforts to reduce and within 10 years eliminate use of fossil fuel.
* Encourage faculty and staff to obtain electric vehicles by offering markedly reduced (or free) campus parking. These costs can be recovered through UI Foundation funds dedicated to support reduced fossil fuel use. (mentioned above). Additionally, increased parking rates for fossil fuel vehicles could provide resources to support the reduced income attributable to the lower fees for electric vehicles.
* Tie parking fees to the gas mileage of the vehicles parking on UI lots. Parking of cars that use fossil fuels and get low mileage per gallon would cost much more than cars that get more miles per gallon.
* Recommending new bus routes in accordance with MTD
* Working with MTD to promote better bus service to the i-Hotel and Research Park
* Coordinate with MTD to provide input on route/network redesign efforts; Develop and promote online training module to educate pedestrians, bicyclists, AND drivers about the rules of the road
* Sustainable asphalt binders (AKA “bio-binders”)