**iWG Meeting Minutes**
**January 27, 2020**
**1:30-3PM, NSRC 358**

Attendees: Ximing Cai, Morgan White, Renee Wiley, Sandy Yoo, Joey Kreiling, Sarah Gediman, Bugra Sahin, Brian Bundren, Brian Johnson, Meredith Moore

**Statements in bold are new comments discussed at the meeting**

**Transportation Questions for iWG**

**Campus Master Plan**

1. Do we want to support the Campus Master Plan autonomous shuttles? On what timeline?
2. Do we want to support the new MTD stop at Lincoln and Curtis? This would likely require an enhanced Lincoln Avenue from Windsor to Curtis.
3. Do we want to support the closure of Matthews Avenue? What about the streets by the Armory?

**Potential objective to state: pursue the sustainable transportation aspects of the Campus Master Plan.**

- **A paragraph could be included under "Potential Strategies" section outlining these questions**
- **How do we negotiate with the city? There seems to be a consensus to support the closure of Matthews Ave. (remove parking spots) with a shuttle to transport students**

4. Do we know why students bring cars to campus?

**We will discuss this later. It was suggested that students bring cars to campus because it is cheaper to live off-campus and drive than closer to campus and walk/bus.**

5. What should we say about funding for Parking?

**Revenue is based on fees that are received. Morgan will ask Lowa and Marty about how to address this.**

**We need to be careful that the next steps here do not negatively impact lower income students who cannot afford expensive (closer to campus) apartments. The bus service can be inconsistent, such as not as frequent schedules into the evening and no buses over the weekends. Buying a student parking permit on campus is expensive.**

**How do we encourage carpooling? We can consider free shuttle lots to park in surrounding campus areas where buses pick up and bring to campus. It comes down to cost and convenience.**

6. Do we want to encourage students to use electric vehicles?

   a. Maybe make parking cheaper or special parking spots for electric vehicles? I believe the most important disincentive for using cars is parking.

b. As long as electricity comes from Abbott I think reducing cars is more important than changing the type of car.

**Can parking identify potential parking spots for EV? Does campus want to promote EVs with the building of more parking spots? Can we include charging stations on the outskirts of campus and bus/shuttle in? The number of EVs are likely going to increase so we need to proactively think ahead for future infrastructure.**

**We could include remote shuttle lots with charging stations. We support EVs on campus but need a change in infrastructure. We could charge the EV task force to complete a report that includes an increase in EV charging station (ideally these would cost less than other parking spaces).**

**A potential objective: Re-form EV Task Force to include a report with planned growth and opportunities**

7. How likely are we to get UCSD to convert their methane to RNG? Also, how important is having a digester on campus?
    a. I think digester is important.

**A potential objective: Include a digester in new dairy facility and use the captured methane to reduce emissions from the University Fleet Vehicles. Complete a feasibility study by FY25.**

8. What are the pros and cons of using F&S Central Receiving?

**Renee and Morgan will work together on this this.**

9. How can parking hunting be reduced (meaning driving around trying to find a parking spot)?

    a. A smartphone application that can show taken spots. The parking pay application already exists hence it should be easy to track.

**There is a Living Lab research proposal that could help. This can be added as an objective.**

    b. Increasing parking fees on campus for those who can't prove they need a car for family or medical reasons on campus?


**Transportation Objectives**

1. Reduce # of Cars on Campus <<need specific metric>>
    a. How do we measure the number of cars? What are the boundaries to be considered?
    b. SWATeam suggested, "Follow Campus Master Plan." <<See above questions.>>
    c. Create a Campus Directive to utilize Central Receiving for distribution at the Campus Level Administration and have 3 departments utilize the facility by FY25.


**This objective should replicate the 2015 iCAP objective about SOVs and employee commuting.**

**Reduce percentage of faculty and staff who are commuting by vehicle ; iSEE should do a survey every three years to keep update metrics.**

2. Reduce fleet emissions <<need specific metric>> -
   a. Have at least 3 fleets certified green by FY24
   b. All campus units should adopt and enforce idling engine restriction by FY25
   c. Collaborate with UCSD to convert their Biogas into Pipeline Quality Renewable Natural Gas (RNG) that could be used by campus vehicles. SWATeam said, "Provide a Renewable Natural Gas option." OR Include an anaerobic digester in the future dairy research facility for the express purpose of converting waste to CNG for use in the campus fleet.

**Add: work with the Illini Biodiesel Initiative to transition to clean energy. Bugra will reach out to this group.**

**We have the goal to cut/reduce the number of fleet vehicles but not the method. We need to consider vehicle sizes and right size them. We can also include a strategy recertify sustainable fleets.**

**For vehicles traveling to other campuses, we can include the UI Ride System as one of their options.**

3. Implement the recommendations from the EV charging task force.
   a. The SWATeam suggested, "Create a Facilities Standard for electric vehicle charging stations on campus and encourage these as a recommended LEED point in the "LEED Requirements" Facilities Standard." Morgan says, "we will do this before the iCAP 2020 is finished."
4. Reduce air travel emissions by xx% by FY24.
   a. Complete business travel survey annually from FY21 to FY24, to identify air travel reduction opportunities. (SWATeam suggests "Take complete inventory of teleconferencing facilities on campus and the accessibility by FY21… Each Department should summarize each of their data and report back to a single unit. This would have to be standardized to receive the same quality of information… The goal is to pursue improvements in teleconferencing technology.")
   b. Establish an offset program option for business travel by FY25 and have at least 5 participating units
      i. Establish a local offset program! Maybe start planting trees on designated South Farm lands (and/or on campus) based on the amount of flying that faculty/staff do. Encourage those who flew to volunteer time to help plant trees, and I'm sure students would get involved too! Over time, we could even have another forest near campus, which could be designated as a public park or wildlife refuge or research land.
      ii. I did hear a rumor that Prairie Rivers Network is investigating the potential to start a local carbon offsets program. This might be worth looking in to.

       c.    Increase use of UI Ride <<need specific metric>>

**There are issues with the current schedule – we can evaluate the possibility of adding more trips and at earlier/later times**

5. Increase average Pavement Condition Index for campus roads to 65 by end of FY25, and 70 by FY30.
    a. Fund and implement the Transportation Asset Management Plan (TAMP) for F&S TDM department by FY21.
    b. Increase use of sustainable pavement materials, including permeable pavements and materials such as biobinders
6. Maintain and improve Bicycle Friendly University status
    a. Implement 2014 Campus Bike Plan facility improvements
    b. Write a new Campus Bicycle Master Plan by 2024, with the aim of achieving Bicycle Friendly University Gold Status by 2027
    c. Implement long term bike storage on-campus, i.e., a garage type space that could hold 1,000 or more bicycles
    d. Improve traffic calming measures

**We should look into inexpensive semester long bike rentals and departmental bikes (Joey said that the Sustainability Living Learning Community successfully implemented this, with a course on how to maintain the bikes).**

7. Develop a Commuter Program (Bus, Bike, and Hike) for Faculty and Staff, and have 100 faculty and staff registered in the program by FY24. Have 500 people registered by FY30.
    a. Conduct at least two "It's Your MTD, too" workshops annually, including a survey at the beginning and end of workshop
    b. Create a master list of commuter/rideshare opportunities on campus and distribute throughout campus by end of FY20
    **c.** Encourage walking on campus

**Sandy said that in Madison, WI, they focus on visual appeal to encourage people to walk more. By creating beautiful walking paths, they focus on training people on health, wellbeing, and the importance of walking. The President dedicated time to walk and encourages staff members to walk around campus instead of alternative modes.**

       d.    Include Bicycle and pedestrian safety and rules of the road to one of the initial lectures in the beginning a semester. Content should be distributed on a separate day from the Run/Hide/Fight and Title IX content.

8. I am not sure how much power we have over this but maybe set goals to make all busses powered by clean energy, i.e. the hydrogen batteries being implemented currently.

**We should include a note to continue our strong connections with MTD; we can encourage them (potential strategy) to change the bus types.**