**Transportation Questions for iWG**

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?

\*\*\* Include in a paragraph under potential strategies.\*\*\*

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

\*\*\* to discuss later… Students live off campus and bring a car because it is cheaper than living in the immediately close buildings right on Green Street, for example.\*\*\*

1. What should we say about funding for Parking?

\*\*\*Morgan should ask Lowa and Marty what makes sense here… There are several issues for Parking to address, but their priorities are focused on major issues and they need a plan that supports their unit and can service campus.\*\*\*

\*\*\*This would also impact lower income students who can’t afford to pay for the super close apartments. Also, bus service is inconsistent. And to buy a permit to park on campus is so expensive – and then there are nearby parking spaces to park around campus – which includes a spot with my apartment.\*\*\*

\*\*\*Could encourage more car pools. Free shuttle lots to park on the outskirts of campus. Then the bus routes could be streamlined from those locations to bringing them into the core. Then people will know how to get in and where to go…comes down to cost and convenience.\*\*\*

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

\*\*\*Should we build more EV charging stations around campus? – could we include remote shuttle lots with charging stations included. – do we support EVs on campus? Yes, but we need more charging infrastructure first. Forward looking plans – with some infrastructure to get a plan. – How about form the EV charging task force to complete a report that includes specific increases in EV charging stations in the nearby areas. Could they cost less than other parking spaces?

* 1. Maybe make parking cheaper or special parking spots for electric vehicles? I believe the most important disincentive for using cars is parking.
  2. As long as electricity comes from Abbott I think reducing cars is more important than changing the type of car.

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

\*\*\*include a digester in the new dairy facility and use the captured methane to reduce emissions from the university fleet vehicles. – perhaps this needs to say complete a feasibility study in the next five years.\*\*\*

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

\*\*\*Renee can help with why – Morgan will talk with her about it. Sandy suggests talking to other users who need direct deliveries, also.\*\*\*

1. How can parking hunting be reduced (meaning driving around trying to find a parking spot)?
   1. A smartphone application that can show taken spots. The parking pay application already exists hence it should be easy to track.

\*\*\*Great idea – there is a living lab research proposal that could help with this. Add as an objective.\*\*\*

* 1. 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>> Make this replicate the 2015 iCAP objective about SOVs and employee commuting. – mention shifting to small cars in the potential strategies. And include a note about iSEE doing a survey every three years to keep metrics updated.* 
   1. *How do we measure the number of cars? What are the boundaries to be considered?*
   2. SWATeam suggested, “Follow Campus Master Plan.” *<<See above questions.>>*
   3. Create a Campus Directive to utilize Central Receiving for distribution at the Campus Level Administration and have 3 departments utilize the facility by FY25.
2. Reduce fleet emissions *<<need specific metric>>*
   1. Have at least 3 fleets certified green by FY24
   2. All campus units should adopt and enforce idling engine restriction by FY25
   3. 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.
   4. \*\*\*Add working with the Illini Biodiesel Initiative to transition to clean energy. Bugra will reach out to IBI.
   5. \*\*\*Cut the # of fleet vehicles.
   6. \*\*\*consider more vehicle sizes – right size them…
   7. \*\*\*vehicles traveling to other campus – include description of UI Ride system as an options.
3. Implement the recommendations from the EV charging task force.
   1. 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.
   1. 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.”)*
   2. Establish an offset program option for business travel by FY25 and have at least 5 participating units
      1. 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.
      2. 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.
   3. Increase use of UI Ride *<<need specific metric>>*
      1. \*\*\* issues with timing – accommodating more trips and earlier or later times…
5. Increase average Pavement Condition Index for campus roads to 65 by end of FY25, and 70 by FY30.
   1. Fund and implement the Transportation Asset Management Plan (TAMP) for F&S TDM department by FY21.
   2. Increase use of sustainable pavement materials, including permeable pavements and materials such as biobinders
6. Maintain and improve Bicycle Friendly University status
   1. Implement 2014 Campus Bike Plan facility improvements
   2. Write a new Campus Bicycle Master Plan by 2024, with the aim of achieving Bicycle Friendly University Gold Status by 2027
   3. Implement long term bike storage on-campus, i.e., a garage type space that could hold 1,000 or more bicycles
   4. Improve traffic calming measures
   5. \*\*\* look into semester long rentals for bikes at lower costs. And more departmental bikes like at the Sustainability Living Learning Community – with related course on how to maintain the bikes. (plus coffee)
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.
   1. Conduct at least two “It’s Your MTD, too” workshops annually, including a survey at the beginning and end of workshop
   2. Create a master list of commuter/rideshare opportunities on campus and distribute throughout campus by end of FY20
   3. Encourage walking on campus \*\*\*at Madison, Sandy heard they committed to visual connections for remote campus, also health for mental and physical… Use landscaping to create a beautiful visual walking path – with president dedicated time to staff members to physically walk more\*\*\* \*\*\*train people on wellness benefits of walking and
   4. 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.

\*\*\* should include continued strong connections with MTD – including changing the bus types – as a potential strategy.