**iCAP 2020 Transportation Objectives List**

*Reduce number of Cars on Campus*

* Solid Objectives:
* Potential Objectives:
  + **Follow Campus Master Plan** 
    - **Needs further discussion and consultation.**
  + **Continuously pursue a decrease in travel through campus core .**
    - Developing traffic loops to divert traffic in a way that would discourage central campus parking.
      * UC Davis has closed off their core campus to all vehicles. Is this something UIUC could pursue? What are the differences between the two campuses? More research needed.
    - Lower speed limits discouraging central parking and travel.
      * Current campus road speed limits are 25MPH.
    - Providing safe alternatives for people who have to stay out during more dangerous times.
      * Currently, some available options are SafeRides (MTD) & SafeWalks (UIPD). These services need improvement and support in the outreach and education opportunities provided.
    - Encourage commuter systems among university faculty & staff.
      * See Active Transportation Objectives.
    - Encourage hourly rental vehicle services such as ZipCar.
      * Existing encouragements: Subsidized for all campus affiliates (faculty, staff, students, and alumni), publicized at tabling events, zipcar ambassadors, etc.
      * The current publicity efforts should be improved.
    - Encourage sustainable grocery delivery services (ex: GoPuff) to reduce student car ownership on campus.
      * No existing subsidies or known support.

*Increase LEV use*

* Solid Objectives:
* Potential Objectives:
  + **Have at least three of all fleets be green by FY25, with departments replacing vehicles with LEV when end of life cycle is reached and the alternative is technologically feasible, and half by FY30.**
  + **Create a F&S standard which would require new building constructions with parking must have some number of electric charging stations.**
  + **Collaborate with UCSD to convert their Biogas into Pipeline Quality Renewable Natural Gas (RNG) that could be used by campus vehicles.** 
    - **Upgrading the existing Pipeline is the main concern, as the equipment is expensive.**
    - **The goal is to help with uprading the pipeline in exchange for the RINs, which are valuable and the University can claim.**
    - **More vehicles would run on renewable fuel.**
  + Questions from SWATeam Members Remaining:
    - We don’t know how many fleets there are.
    - End of life cycle amounts
    - Replaceable fleet vehicles

*Reduce Business Air Travel Emissions*

* + Solid Objectives:
    - **Reduce Business air travel emissions by X% by following the protocol below.**
      * **Work with the Sustainability Programs Coordinator at iSEE, who will be conducting Modeshare Survey, to create questions which would gather information to assess reasons for business travel emissions every year until at least FY2025.**
      * **Use information from FY21 and FY22 Modeshare surveys to find a valid number to reduce business travel emissions for FY24 & FY25 by in FY2023 (Ex: Reduce air travel emissions by 5% each fiscal year).**
      * **Reduce emissions by the percent determined in FY24 & FY25.**
  + Potential Objectives:
    - **Establish an offset program option for business travel by FY25 and have at least 5 units actively participating.**
      * Explore all offset programs by FY23.
    - Take complete inventory of teleconferencing facilities on campus and the accessibility by FY21.
      * Pursue improvements in teleconferencing technology.

*Road Management Systems*

* Solid Objectives:
  + **Create a Campus Directive to utilize Central Receiving for distribution at the Campus Level (Administration) and have 3 departments utilize the facility by FY25. F&S uses Central Receiving for its purchases**
    - There are many deliveries made by private enterprises, such as sororities, fraternities, and on campus restaurants. The effect that this initiative would have on them is likely negligible.
    - This will improve the road conditions, safety, and disability accommodations.
    - GHG emission from a semi-truck may be equivalent to GHG emission from several smaller vehicles
    - Potential Strategies:
      * Identify the objects that could be delivered to a Central location before moving it to its destination on a smaller vehicle – Non-perishable items, Toiletries, Cutlery (knives, forks, spoons, kitchen utensils), paper, etc.
      * Identify the departments to target – Housing, Campus Rec, Document Services or Illini Union, etc.
  + **Support the Transportation Asset Management Plan (TAMP) through the F&S TDM department. – Have the Pavement Condition Index (PCI) for all campus roads to be 65 by the end of FY25, and a PCI of 70 by FY30.**
  + **All campus units should adopt and enforce an idling engine ban by FY25.**

*Increase the Mode Share of Active Travel*

* Solid Objectives:
  + **Support the Campus Bike Plan (CBP) in its entirety, while simultaneously maintaining Silver status with bike friendly university with a goal of achieving Gold Status by FY27 by** 
    - University of Illinois achieved Silver-Level BFU Certification in October 2019
    - There are several goals and objectives that have not been addressed yet
    - Support the High, Medium, and Low Priority projects for Bicycle Infrastructure
    - Metric to be used: Number of miles or feet of bike path/lane repaired/added/renovated
    - Metric to be used: Number of bike parking added or replaced according the Bike Rack Facilities Standard
      * This status is valid from 2019-23
    - Next application for BFU will be available in 2023
      * Retain the Silver-level certification in 2023
    - Strive to achieve Gold-level BFU status following the application in 2027.
* Potential Objectives:
  + **Improve traffic calming measures**
    - Need further clarification of current policies and plans concerning traffic calming.
  + **Improve transit use each FY by conducting at least two “It’s Your MTD, Too” workshops, including a survey at the beginning and end of the workshop.**
    - Look at MTD survey
    - Encourage faculty, staff, and students to utilize the transit service
    - Inform them that their I-Cards work as a bus pass anywhere in Champaign, Urbana, and Savoy.
    - Assert that buses are safe and convenient; MTD offers excellent connectivity, and a sustainable mode of transportation.
  + **Create a master list of commuter/rideshare opportunities on campus and distribute throughout campus by end of FY2020.** 
    - Already distributed throughout some campus sectors with plans to expand to other sectors and distributing electronically.
    - Metric could be units distributed.
  + **Develop a Commuter Program (Bus, Bike, and Hike) for Faculty and Staff, and have 100 faculty and staff registered in the program by FY25. Have 500 people registered by FY30.**
    - Develop a commuter incentive plan for Faculty and Staff in collaboration with F&S, Parking, Public Safety, MTD, etc. by FY23
    - Consider possible expansions to graduate students while being able to effectively track student use of the program as a replacement of bringing a car to campus.
  + **Include bicycle and pedestrian safety and rules of the road to the curriculum or something that the professors talk about for a few minutes (on a few occasions) at the beginning of the lecture.** 
    - Could be a collaboration opportunity with the Education SWATeam.
    - Must consider which classes are most realistic to target. Freshman orientation courses are a possibility.
    - An online bicycle safety quiz currently exists.
  + **Is there some way to incentive walking and plan safety education (ex: don’t walk behind buses, etc)?**