Project Scope: Walkability Audit 2022

The Facilities and Services (F&S) Transportation Demand Management (TDM) department is looking to collaborate with a Masters student in the Urban and Regional Planning department to conduct a thorough walkability audit of the University of Illinois Urbana Champaign campus. The student will help in

1. designing the walkability audit tool,
2. updating the formula to calculate the walk score, (keep it for now – SP is investigating)
3. designing the scoring system model to calculate the score of a section using the data collected in the Survey123 app
4. preparing the training manual to train volunteers,
5. finding volunteers for this project and train them,
6. the data collection, and
7. data analysis,

The student will prepare a presentation to be presented to the Facilities and Services department division, the Urban and Regional Planning department, and other departments.

The final report from this project will help the F&S TDM department prioritize areas that need immediate attention. This project will help us identify areas that are good for walking and areas that need improvement. Based on the results from this project, the F&S TDM department will create a prioritization master plan or a Walking Master Plan to improve walkways in the Urbana campus.

Deliverables for this project:

1. Designing the scoring system model (on Excel or Access or a similar program)
2. Training the volunteers
3. Data collection and analysis
4. Final Report explaining the what, why, how, who, where, and when
5. Final presentation to the F&S TDM, DRES, URP, and F&S Grounds. We may present our findings to the cities as well.

This project is expected to complete in May 2022, however, we can extend it if needed.

Required qualifications:

1. The candidate the candidate should be very detailed oriented
2. The candidate should have very good organization skills
3. The candidate should be a go getter
4. The candidate should have very good communication skills and Microsoft skills
5. The candidates should walk or bike on campus