

Campus Transportation Advisory Committee (CTAC)

University of Illinois at Urbana-Champaign

Facilities & Services, April 20, 2021

Chair – Morgan White

Associate Director, F&S Sustainability



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UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

POWER *Innovation* ILL
World-class Solutions
BILUE *Tradition*
Welcome!
Integration
Unity
Involvement
RESEARCH
Explore
Belonging
INCLUSION
CELEBRATION
VISION
Change



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Agenda

- Introduction – Morgan White
- F&S TDM updates – Stacey DeLorenzo and Sarthak Prasad
- Walkability presentation and discussion – Sarthak Prasad



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Introduction - Members

Morgan White, chair

Staff

Lt. Aaron Landers
Det. Tara Hurless
Michele Guerra
Marty Paulins
Gary Williamson
Brent Lewis
Pete Varney
Jake Benjamin
Matt Brown
Laura Bleill
Dana Decair
Meredith Moore – new

Faculty

Ray Benekohal
Bumsoo Lee
Lindsey Braun
Bill Sullivan
Shelly Zhang
Yanfeng Ouyang

Community representatives

David Happ, Champaign
Shannon Beranek, Urbana
Jay Rank, MTD

Students

Chantelle Hicks
Abby Culloton

Emily Hutchinson
Natalie Hill
Sinead Soltis
Marcus Benoff
Ahmed Hassan
Halie Collins
Andy Wong
Shreya Gargya
Briana Barr – new

Stacey DeLorenzo, ex-officio

Sarthak Prasad, ex-officio



Trust • Respect • Accountability • Integrity • Teamwork • Safety • Perseverance

CTAC Responsibilities

- Review aspects of surface transportation on campus, including
 - pedestrian safety,
 - bicycle facilities,
 - transit,
 - automobile traffic,
 - the interaction of all modes of travel on campus
- Responsibilities include items such as:
 - Help identify needs and share information about pedestrian safety initiatives and priorities.
 - Review and make recommendations for prioritizing bicycle infrastructure, education, and enforcement on campus.
 - Provide advisory input to the Commuter Program under development.
 - Review and comment on matters relating to student, faculty, and staff transportation, when needed.



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F&S TDM updates



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Update on bicycles on campus



- Bike Census coming up – April 28, 2021
- Campus Bike Center has moved
- Bike shelter at Flagg Hall – In Progress
- Bike Month update
- Bicycle registration
 - 480 users have registered so far
 - Renewed the registration system for FY22



Updates on bicycles on campus (Contd.)

- Armory Avenue bike path – completed
- Hazelwood Dr bike path – maybe with the Arboretum extension project
- Abandoned bike path removals
 - East side of Wright St from Springfield to ECE – completed
 - East side of 6th St from Gregory to Lorado Taft – In review
 - North of Siebel design from 4th to 6th St – In progress
 - Springfield Ave bike path by Grainger Library – scheduled for summer 2021
 - Gregory Dr between Sixth and Dorner – tentative summer 2021



Updates on major Transportation Network projects on campus

- MCORE Project – substantially completed
- St. Mary's Road project from Oak to Neil St – In progress
- Eco-Counters
 - Armory and Sixth – August 2021
 - Wright and Healey – August 2021
- FY21-26 TDM Plan will be published in April 2021
- Campus Transportation Infrastructure Feedback Form
- Other infrastructure maintenance projects are dependent on funding



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Walkability on campus and Walkability Audit



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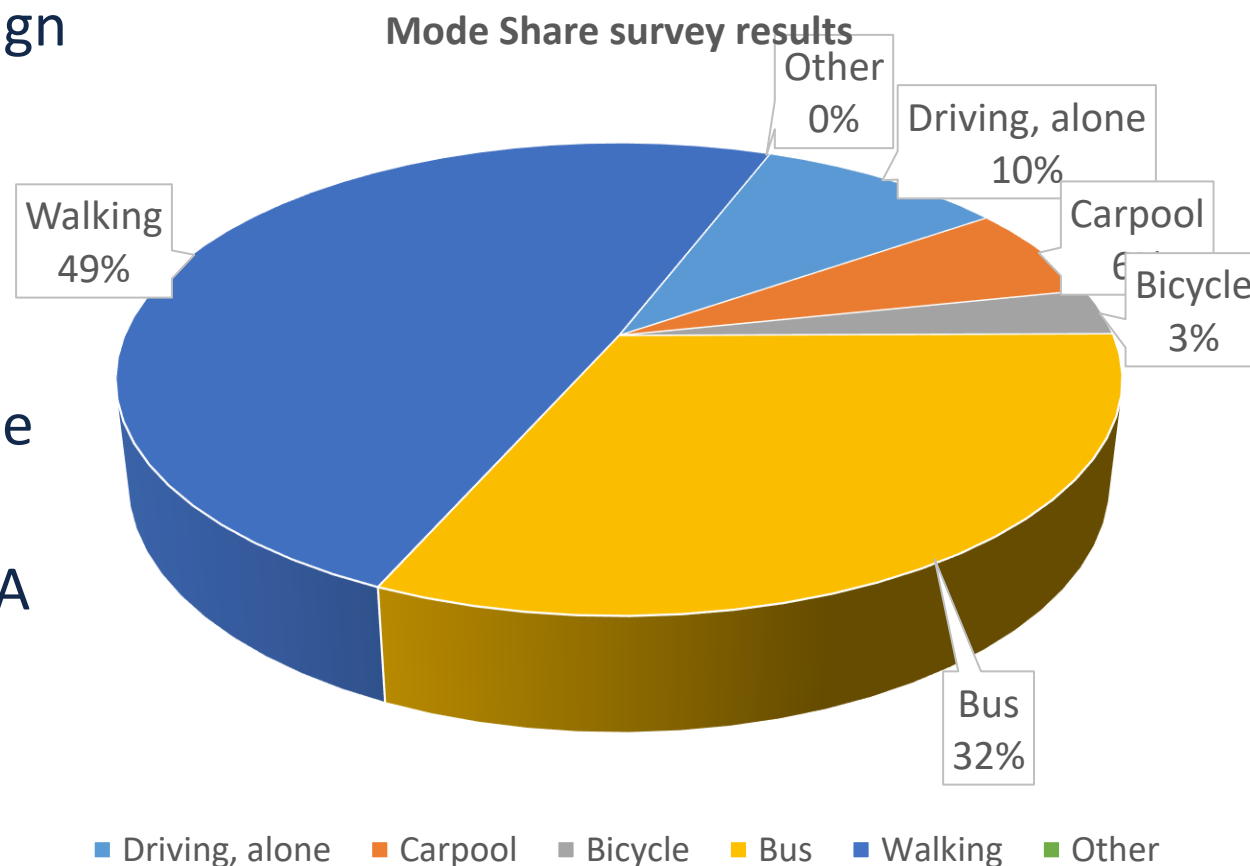
Outline

- Background
- Objective
- Previous Walkability Audit and Results
- Plans for a future Walkability Audit
- Discussion



Background

- University of Illinois at Urbana-Champaign aims to increase physical activity and promote healthy lifestyles
- ~80% of the students choose active transportation as their mode of travel
- UIUC wants to ensure the safety of those using walkways
- We want to make our campus 100% ADA compliant
- UIUC wants to increase walkability on campus



Objective

- Goal: Increase Walkability of the Urbana-Champaign campus
- Benefits of Walking
 - Inexpensive
 - Sustainable
 - Healthy
- Identify areas that are good for walking
- Identify areas that need attention/improvement
- Collaborate with City of Champaign, City of Urbana, Village of Savoy, and MTD
- Perform a Walkability Audit every 10 years, to identify priority needs



Previous Walkability Audit and Results

- Used the walkability audit tool created by the Center for Disease Control (CDC)
- Augmented by the Wellness Center
 - To gain more specific information related to our campus setting
- A map was created which divided the UIUC campus into 12 separate segments
- Three separate entities responsible for streets and sidewalks
 - UIUC, City of Champaign, City of Urbana
- A team of volunteers walked around the campus to record the walkability conditions



CDC's Walkability Audit tool

- 2011 audit used nine (9) weighted criteria to measure walkability
 - High impact criteria, weighted as 3x
 - Pedestrian Facilities
 - Pedestrian Conflicts
 - Crosswalks
 - Medium impact criteria, weighted as 2x
 - Maintenance
 - Path size
 - Buffer
 - Universal Accessibility
 - Aesthetics
 - Low impact criterion, weighted as 1x
 - Shade
- Each criterion is awarded points from 1 (poor) to 5 (excellent)



Results from 2011 Walkability Audit

- The UIUC Campus was found to be moderately walkable
 - Overall score of **72.3/100**

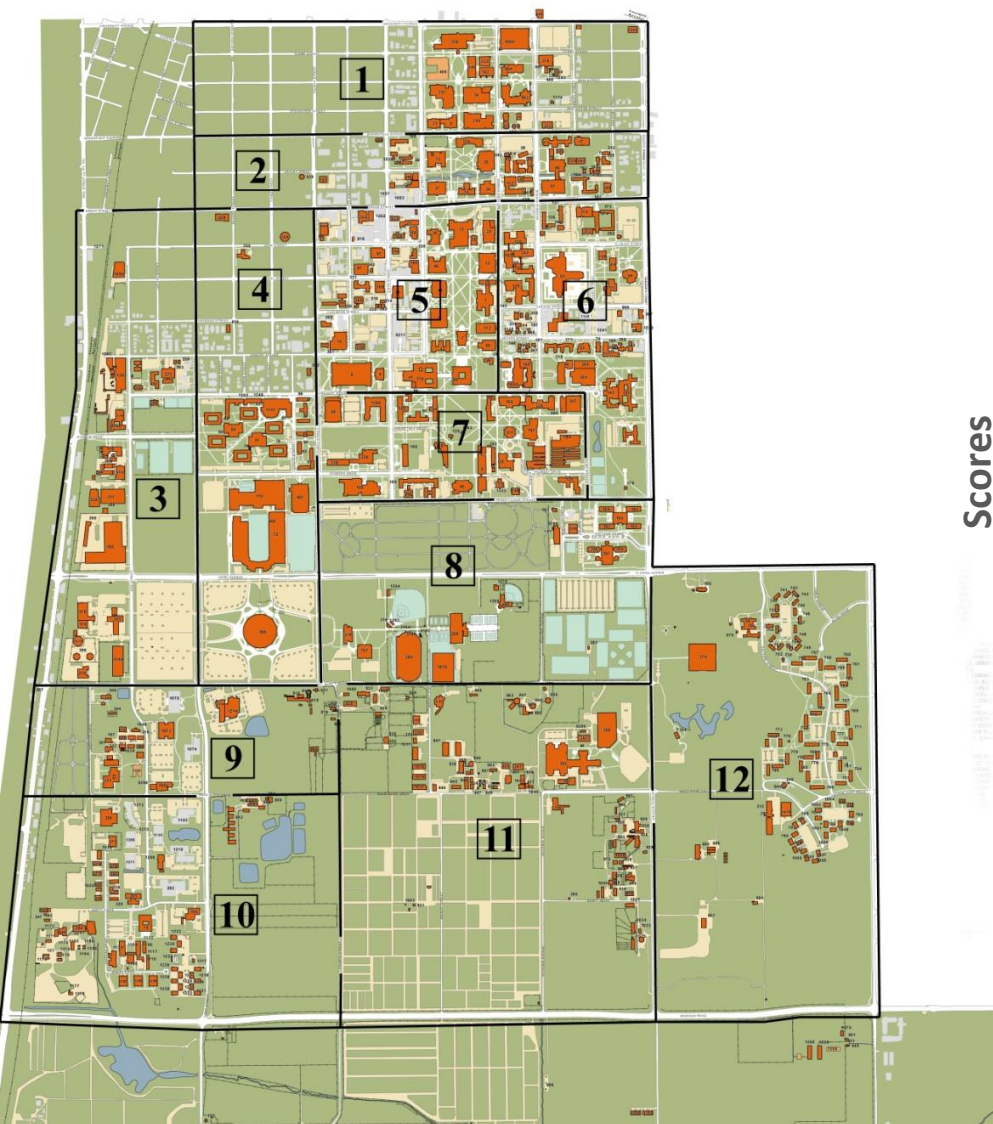


Very Good - Segment 2: Springfield Ave-
Lincoln Ave-Green St.-First St.

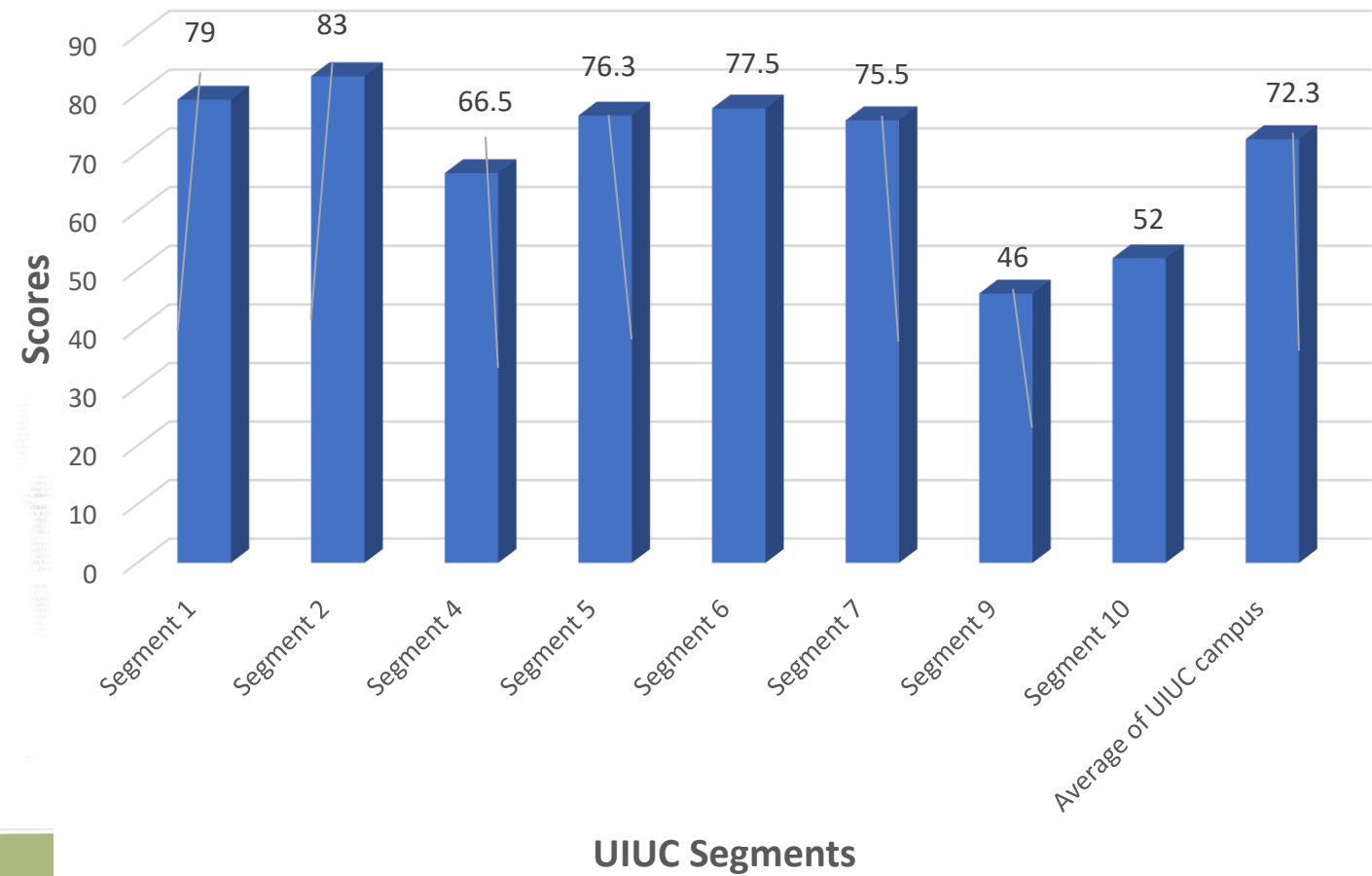


Not so good - Segment 9: St. Mary's Rd.-
Fourth St.-Hazelwood Dr.-Neil St.



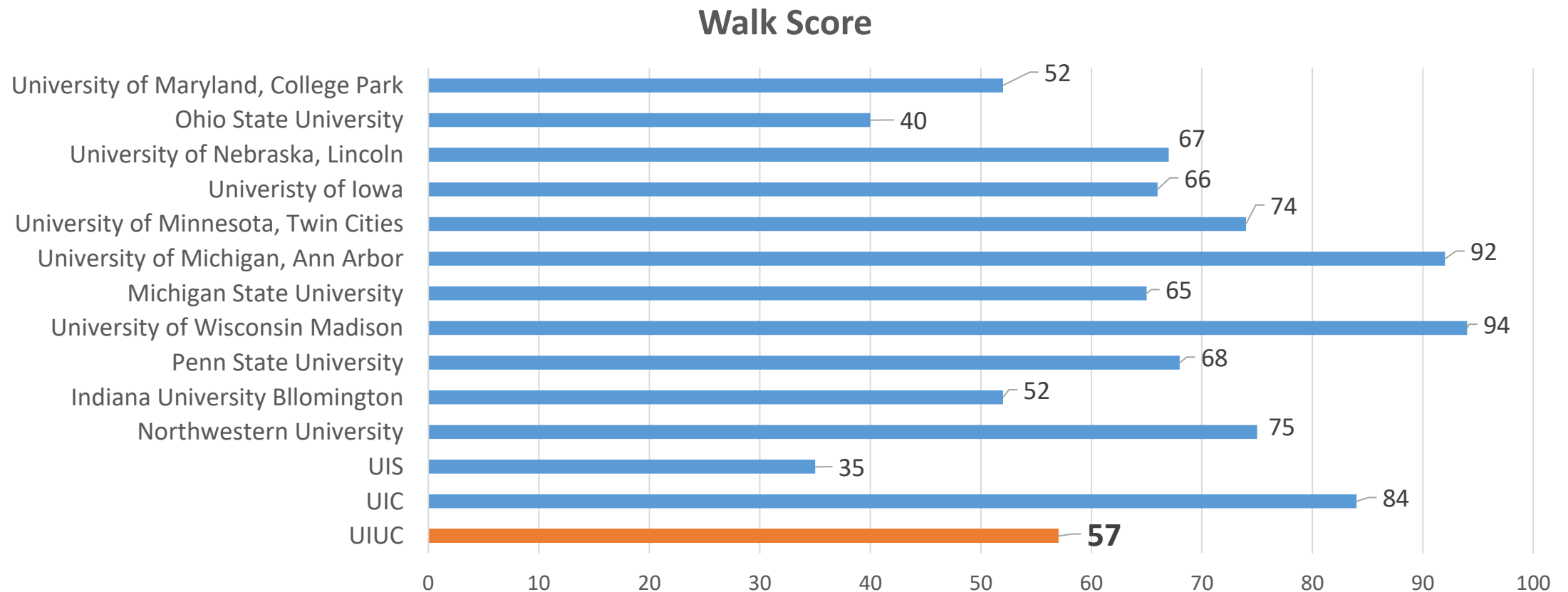


Average Segment Scores



Trust • Respect • Accountability • Integrity • Teamwork • Safety • Perseverance

Other Big10 schools and UI system schools (WalkScore.com)



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Assessment from 2011

- UIUC is doing a good job with:
 - Accessibility (4/5)
 - Aesthetics (3.8/5)
 - Maintenance (3.9/5)
 - Path size (3.9/5)
- UIUC needs to improve in the areas of:
 - Walking surface (3.5/5)
 - Pedestrian conflict (3.5/5)
 - Crosswalks (3.2/5)
 - Buffers (3.3/5)
 - Shade (3/5)
 - Lighting (not evaluated in the last audit)



iWalk Toolkit

- iWalk Toolkit was developed following the 2011 Walkability Audit
- Online toolkit for starting and maintaining a personal walking program, created by the University of Illinois Campus Wellbeing Services
- Learn more at go.illinois.edu/iwalk



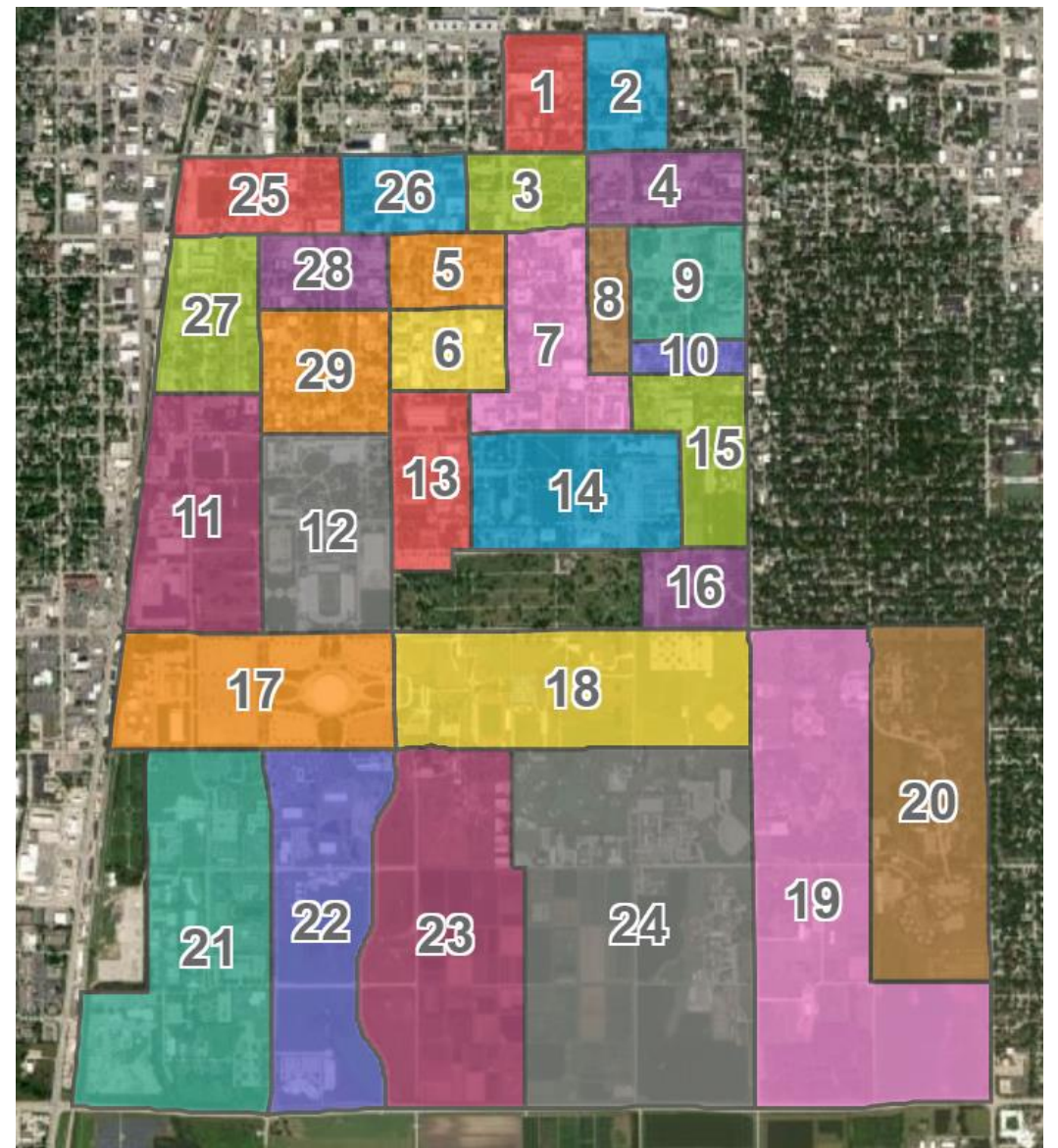
Plans for a future Walkability Audit

- F&S TDM would like to audit the university's walkways by FY22
- F&S TDM would like to conduct approximately one walkability audit every ten (10) years
- F&S TDM would like to improve walkability of our campus from moderately walkable to ***Walker's Paradise*** by FY35



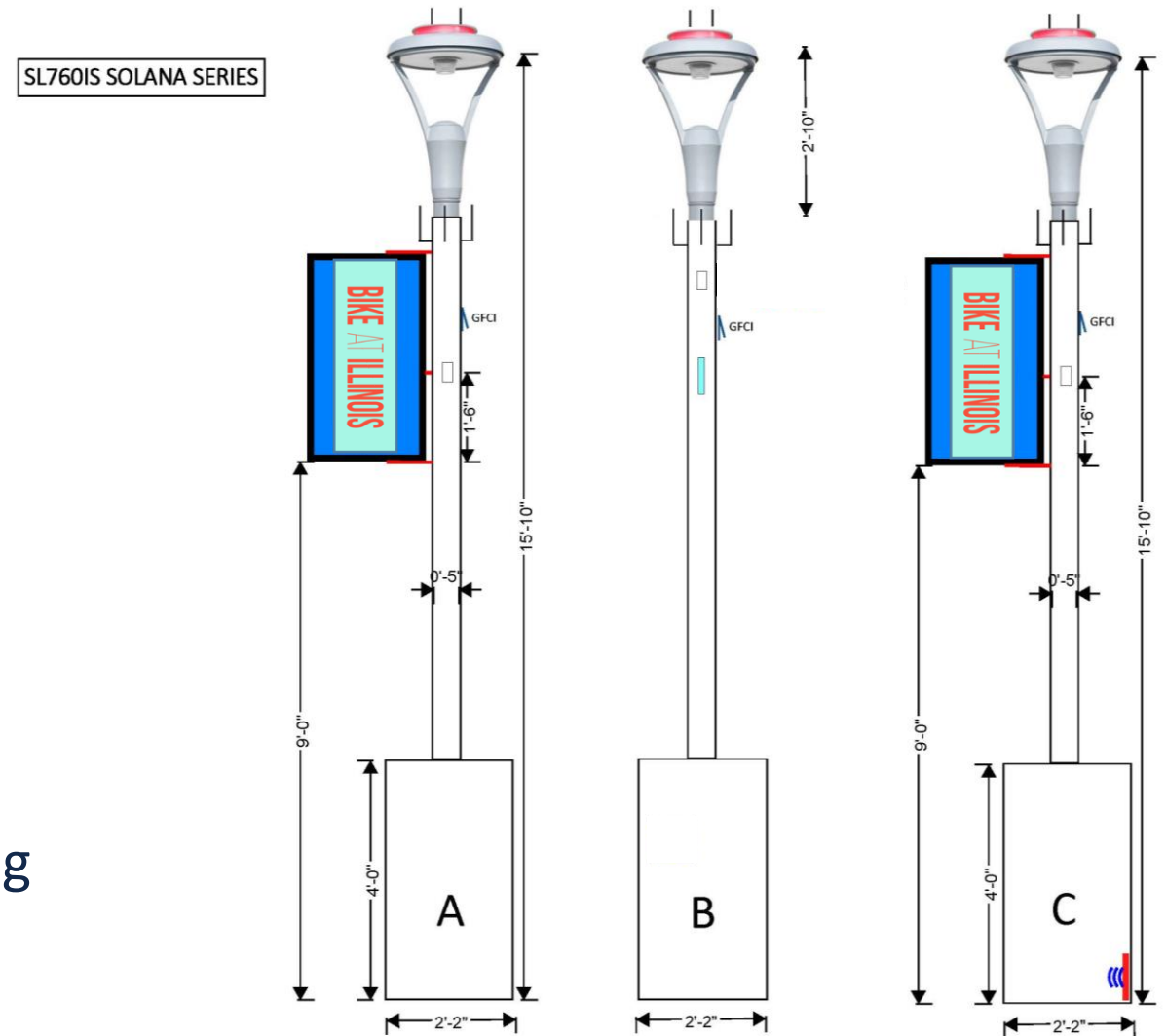
Suggested map segments for a Walk Audit in FY22

- Map segment used for Bike Census
- Also to be used by Campus Lighting Committee



Discussion

- What criteria should be looked at?
 - For example, Lighting
- Are there other resources to consider Walkability Audit?
- Involving the entire UIUC campus community
- Thoughts on platforms to place the audit survey
 - Use digital data collection or on paper?
- Either a volunteer/student project or hiring someone to do this



Thank you!



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