

FY25 Achievement Report for the 2021-2026 Transportation Demand Management Plan

A Facilities & Services Plan for TDM at the University of Illinois Urbana-Champaign **April 2025**

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Keywords

TDM – Transportation Demand Management
BFU – Bicycle Friendly University
CBP – Campus Bicycle Plan
iCAP – Illinois Climate Action Plan
UIUC - University of Illinois Urbana-Champaign
F&S – Facilities & Services
TAMP – Transportation Asset Management Plan
FY – Fiscal Year
PCI – Pavement Condition Index
DOR – Division of Responsibility
LTCCS – Long Term Climate Controlled Storage
EV – Electric Vehicle
NAFA – National Association of Fleet Administrators
GHG – Greenhouse Gas
IDOT – Illinois Department of Transportation
ICT – Illinois Center for Transportation
IFSI – Illinois Fire Service Institute
CEE – Civil and Environmental Engineering
MTD – Champaign-Urbana Mass Transit District
MCORE – Multimodal Corridor Enhancement
IGA – Inter Governmental Agreement
DRES - Disability Resources & Educational Services
ISSS – International Student and Scholar Services
CUUATS – Champaign-Urbana Urbanized Area Transportation Study
RPC – Regional Planning Commission
SSC – Student Sustainability Committee
CTAC – Campus Transportation Advisory Committee
BPAC – Bicycle and Pedestrian Advisory Commission
APBP – Association of Pedestrian and Bicycle Professionals
DIA – Department of Intercollegiate Athletics

Introduction

The mission of the University of Illinois Urbana-Champaign (UIUC) is to “enhance the lives of citizens in Illinois, across the nation, and around the world through our leadership in learning, discovery, engagement, and economic development.”¹ The mission of [Facilities & Services \(F&S\)](#) is to provide and maintain “a physical environment that is conducive to supporting learning, discovery, engagement, and economic development at the University of Illinois and is an active partner in research, teaching and learning.”² The campus strategic plan “The Next 150” includes a key objective of operational excellence,³ and F&S takes that goal very seriously.

The Transportation Demand Management (TDM) department in F&S at the university is responsible for oversight of a safe integrated transportation system, creating, maintaining, and coordinating the overall transportation network for all modes of travel on campus, including walking, bicycling, transit, and vehicles. TDM works to implement campus and community policies and objectives, including the related transportation objectives in the Illinois Climate Action Plan (iCAP). The Transportation Systems Manager is the primary decision authority for issues related to the campus transportation network, on behalf of the Executive Director of F&S, with delegated authority from the Chancellor.

This document reports on progress made in FY25 towards achieving the goals listed in the TDM Plan.

TDM Prioritization Methods

The TDM department prioritizes efforts based on the following factors:

- 1) Safety for users: this includes all modes of transportation, including multi modal interactions.
- 2) Location: this refers to the impact on the overall networks and the perception of that impact.
- 3) Volume of Traffic: this reflects the number of users in the respective areas.
- 4) Condition, such as PCI: this considers the condition of the pavement and the scale of improvements needed in the respective area.
- 5) Alignment with campus plans: this considers the connections to strategic priorities and potential coordination with other campus projects.

¹ <https://illinois.edu/about/index.html>

² <https://fs.illinois.edu/about-us/MissionVisionValues>

³ <http://strategicplan.illinois.edu/>

TDM Strategy

Key Goals

The TDM Vision is to provide safe, reliable, and sustainable transportation for all modes at the University of Illinois Urbana-Champaign. The following list includes work TDM will complete by FY24.

Asset Management

1. Transportation Asset Management Plan (TAMP) for streets
 - Asphalt patching & Mill/Overlay – \$1,660,000 (\$360,000 for design)⁴

The following projects were completed in FY24:

 - a. Oak St from St. Mary's Rd to Gerty Dr
 - b. Gerty Dr from Griffith Dr to First St
 - c. Gregory Dr – east of First St
 - d. Gregory Dr from Fourth St to Dorner Dr
 - e. Goodwin Ave from Gregory Dr to Oregon St
 - f. Gregory St from Nevada St to Oregon St
 - g. Sixth St from Gregory Dr to Pennsylvania Ave
 - News link about this project: [Asphalt Pavement Improvement](#)
2. PCC patches \$615,000 (\$49,000 for design) Lincoln Ave south of Florida Ave. Design approved. Construction failed due to budgetary restraints.
3. Corridor study for safety improvement along Lincoln Ave from Florida to Windsor [including round-about designed in previous project study]: Completed – \$150,000
4. Complete Street & Crosswalk Feasibility study of Oak street: Completed – \$25,000
5. Oak Street Complete Streets and Sidewalks Project – Design Phase Kickoff in April 2024, with a budget of \$150,000. Construction to begin in summer 2025.⁵

New Infrastructure Projects

1. Hazelwood bike path and lighting along the corridor – Project estimate \$30,000
 - Design to completed by summer 2025 by TERRA Engineering.
2. South Quad Shared-Use Path N-S connection
 - Rough estimate for the project is nearly \$450,000.
 - Design for the project will cost \$50,000.
 - Design to complete by summer 2025 by TERRA Engineering.

⁴ <https://icap.sustainability.illinois.edu/project-update/ctac-fall-2024-meeting-recording-and-slides>

⁵ <https://icap.sustainability.illinois.edu/project-update/ctac-spring-2024-meeting-recording-and-slides>

3. Pavement Condition Assessment
 - Including Housing and Parking DOR pavements
 - APTech will be performing this assessment. Awaiting proposal from the PSC.
 - Expected to finish assessment by summer 2025
4. Install Bike Repair Stations around the Campus for convenient access to all students, faculty, and staff on campus.
 - Total number of bicycle repair stations on campus = 17
 - i. Number of bicycle repair stations at Housing facilities = 8
 - ii. Number of bicycle repair stations managed by F&S = 9
 - Repair stations located at⁶:
 - i. Campus Bike Center – replaced
 - ii. Altgeld Hall - replaced
 - iii. Parking lot C-5 (by International Studies Building) – replaced
 - iv. Siebel Center for Design
 - v. Main Library
 - vi. West of Smith Hall
 - vii. ECE/Micro Nano
 - viii. Loomis Lab
 - ix. Grainger Library

Programming

Encourage Active Modes of Transportation

1. 704 bikes have been registered in FY25
2. 5 year contract with Veo. The contract will end in FY28
3. Following are the locations where TDM department has installed Eco-Counters⁷ (bicycle and pedestrian counters):
 - a. Green Street near Illini Union: Installed in March 2020.
 - b. Intersection of Wright Street and Healey Street: Installed in August 2021.
 - c. Intersection of Armory Avenue and Sixth Street: Installed in April 2022.
 - d. Intersection of Green Street and Goodwin Avenue: Installed in May 2022.
 - e. Intersection of Wright Street and John Street: Counter purchased.
 - f. 13 new counters have been installed at the seven remaining locations (as approved by the Architecture Review Committee)
- More info about the location of New EV counters - [Final CTAC spring 2024.pdf](#)

⁶ <https://icap.sustainability.illinois.edu/project-update/ctac-spring-2024-meeting-recording-and-slides>

⁷ <https://icap.sustainability.illinois.edu/project-update/ctac-spring-2024-meeting-recording-and-slides>

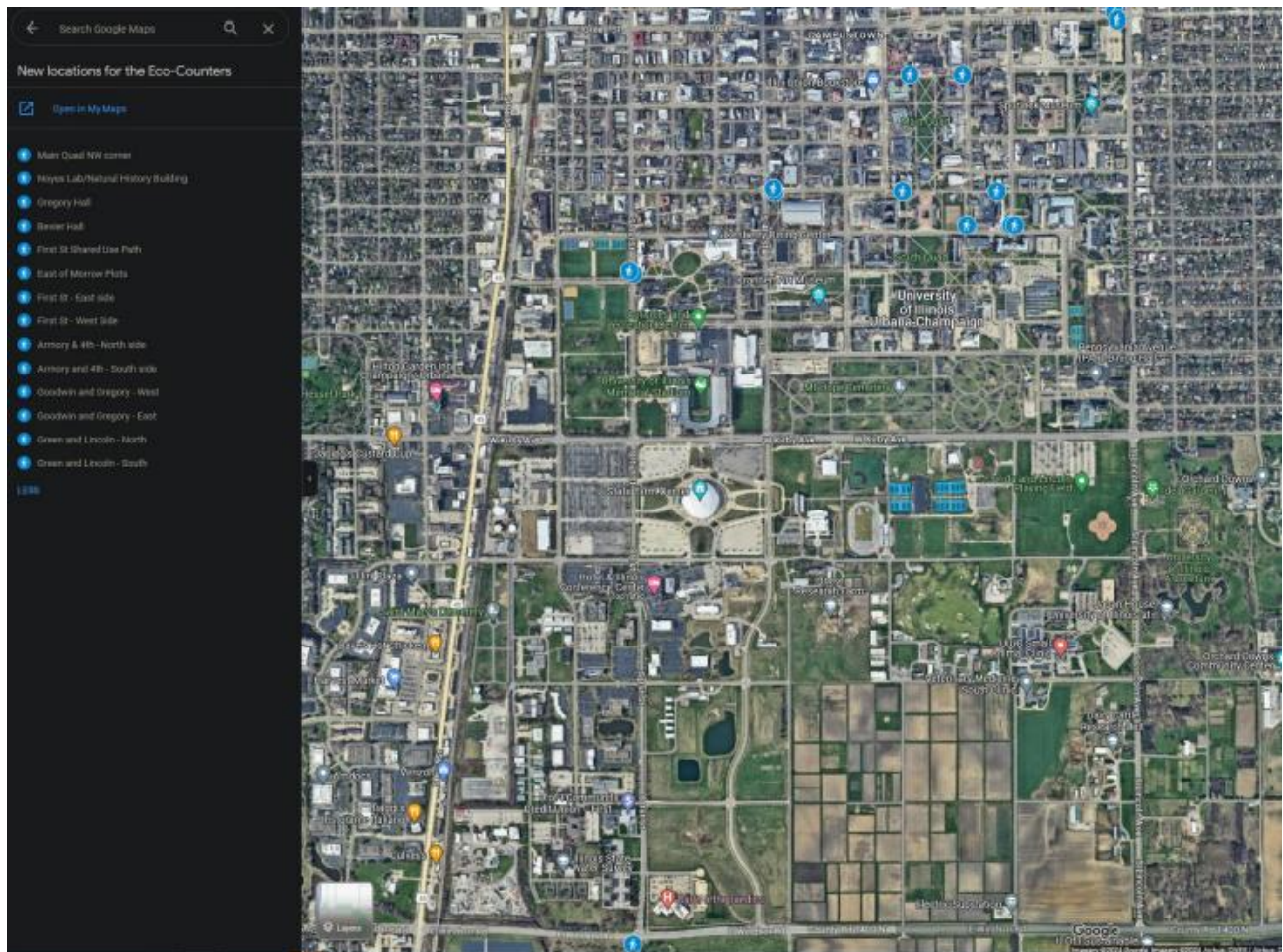


Figure 1: New Eco-counters installed in FY 25 across campus

Academic and Peer-to-Peer Collaborations

1) Following are the academic collaboration projects/classes that the TDM department has supported in FY25

- CEE 190: Project Based Learning Class
- SSC funded projects
- 2024 Campus Bicycle Master Plan update – Ethan Garcia, Hrushikesh Chavan, Myra Stevens, Tushar Kokitkar, Sepideh Azizi, Karina Jang, Bhagyashree
- Campus Transportation Survey 2025

ADA Right of Way improvement (U19132) - Completed

Completed:

1. Following projects with a combined budget of \$525,000 were completed in Summer 2024

- a. North sidewalk on Peabody Drive from First Street to Fourth Street (and potentially to Sixth Street)
- b. North sidewalk on Gregory Drive from Fourth Street to Sixth Street
2. North sidewalk along Stadium Drive between First Street and Oak Street – Completed in fall 2022 by Duce Construction – \$143,698.50
3. West ADA entrance at the Armory Building – Completed in fall 2022 (In-house) - \$10,918.45
4. West sidewalk along Oak Street – Completed in summer 2023 by Duce Construction – \$195,895
5. New sidewalk on Hazelwood Dr from Oak St to ISTC - \$48,150
6. Sidewalks around Armory Building – In-house - \$34,267
7. East sidewalk along Fourth Street by Huff Hall - \$59,635
8. Main Library – Temporary fix for the East Side ADA ramp by DAVIS & DAVIS – \$11,121
9. English Building - \$49,713.85
10. ADA compliance study – DeepWalk - \$42,160
 - a. Completed using the sidewalk assessment technology by DeepWalk
 - b. Model the campus sidewalks and identify deficiencies on campus

Funding Resources

Bicycle Infrastructure and Programming Fee

- 1) Secure funding for ongoing bicycle improvements and programming.
 - Bicycle Infrastructure and Programming Fee increased from \$1 per student per semester to \$3.10 per student per semester, with approximately 90,000 payers per year
 - Expected budget from FY26 will be nearly \$275,000
- 2) Light the Night- Free Bike Light Giveaway
 - Held on Tuesday September 19th, at Alma Mater Plaza, Hallene Gateway, and the Ikenberry Commons Quad.
 - Approximately 800 bike sets were given away.
- 3) Bike to Work Day
 - Free T-shirts given to individuals riding their bike to campus on Thursday September 18th.
 - Welcome stations featuring drinks and snacks were available at sixteen locations across the Champaign County with eight university locations.

- Approximately 1,274 participants preregistered for the event⁸.
- More information on [Bike to Work Day 2024](#) can be found.

Student Sustainability Committee

SSC funded projects

- 1) EV charging stations for F&S fleet – SSC awarded \$134,000
 - 6 Ford F150 Lighting all electric trucks
 - 2 Ford e-transit
 - 7 EV charging stations installed
 - SSC funded
 - More EVs and EV chargers are on order
 - Responsible unit: F&S Transportation & Building Services
- 2) Student interns for Sustainable Transportation – SSC awarded \$50,000
 - Sepideh Azizi (Masters in Urban Planning – 1) – Summer 2024
 - Myra Stevens (Bachelors in Urban Planning- Senior) – Summer 2024
 - Karina Jang (Bachelors in Urban Planning- Senior) – Fall 2024
 - Bhagyashree (Masters in Urban Planning – 2)) – Fall 2024
- 3) Shipping containers for bicycle storage – \$70,000
 - Installed a 6-inch rock bed with fabric foundation to support the placement of 7 purchased shipping containers for bicycle storage.
 - Installed bike hooks within the containers for efficient bike storage.
 - To date, a total of nearly \$56,000 has been spent on the project.
 - Requesting an additional \$50,000 in funding from SSC to install ventilation and supply power to the shipping container storage area.
- 4) Eco-Counters - \$120,000 funded in spring 2022
 - 13 new Eco counters have been installed as of Feb 2025.

Community Engagement

1) *Champaign Urbana Urbanized Area Transportation Study (CUUATS)*

- Transportation Systems Manager attended the CUUATS Technical and Policy Committee meetings in FY25. Sustainable Transportation Assistant started attending the meeting in January of 2024.

⁸ <https://icap.sustainability.illinois.edu/project-update/final-numbers-bike-work-day-2024-event>

2) *Campus Transportation Advisory Committee*

- In Fall 2024, the Campus Transportation Advisory Committee (CTAC) meeting was held on Thursday, October 24, 2024. A major topic of discussion was the public input process for the 2024 Campus Bike Plan, with feedback being collected through go.fs.illinois.edu/BikePlanPublicInput.
- Long-Range Transportation Plan 2050 was reviewed, and more details can be found at <https://ccrpc.gitlab.io/lrtp-2050/>. The meeting also covered the Lincoln Avenue Corridor Study, which is divided into two segments: the section between Green Street and Florida Avenue, led by CCRPC, and the section between Florida Avenue and Windsor Road, managed by F&S TDM.

3) *Bicycle and Pedestrian Advisory Commission (BPAC)*

- Sustainable Transportation Assistant attended the BPAC meetings in FY25.

4) *Association of Pedestrian and Bicycle Professionals (APBP)*

- Sustainable Transportation Assistant renewed his APBP membership in January 2025

5) *League of American Bicyclists (LAB)*

- Sustainable Transportation Assistant renewed his LAB membership in January 2025.

6) *MTD Advisory Committee*

- TDM attended the monthly committee meetings in FY25.

7) *Public Safety Advisory Committee (PSAC)*

- TDM attended the bi-monthly committee meetings in FY25.

8) *Parking Advisory Committee (PAC)*

- TDM attended the quarterly committee meetings in FY25.

9) *Special Events Advisory Committee (SEAC)*

- TDM attended the bi-weekly committee meetings in FY25.