

University of Chicago Multimodal Transportation Campus Plan

CLIENT:
UNIVERSITY OF CHICAGO

PRIME CONSULTANT:
SAM SCHWARTZ TRANSPORTATION CONSULTANTS

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CONTRACT:
CHI-17-024

PROJECT PURPOSE:

- Incorporate Transit Network Spatial GIS analysis into Multimodal Transportation Plan for UIC Travel Mode Choice Evaluation

DAMA worked as a subconsultant for Sam Schwartz to address existing performance conditions for all travel modes including transit services within the campus by accomplishing the following tasks:

- Identified closest transit stop and walking distance for each employee.
- Generated GIS Maps to visualize transit service and rider-ship levels by CTA, Metra, and UGO Shuttles during peak and non-peak hours.
- Identified the cost of trips taken from home to work, and the number of transfers needed to reach the University Campus.
- Digitized and analyzed on campus parking facilities.
- Performed cost benefit analysis of existing transit service coverage and on demand microtransit service scenarios based on the type of microtransit, the number of trips, the distance of the trips and the time taken on the trips.
- Recommended improvements for existing conditions.

