

Reimagining our Transportation System



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Why you should care about transportation infrastructure and equity

Equity

- <u>Commuting time</u> and poverty
- Access to Jobs, Healthcare, Food
- <u>700,000 people</u>
- 106 minutes



Sustainability

- <u>28% GHG US</u> (1.5 billion metric tons CO2)
- Air, Sound, and Water Pollution



Economic Benefit

- <u>\$1:\$5</u>
- <u>\$39 billion to the</u> private sector



What's the vision?



What already exists?

- Transportation Demand Management
- Transit funding and policy advocating
- Savings calculator developed by Mobility Lab
- Think Tanks and Tactical Urbanism

Table 1 TDM Strategies Described In This Encyclopedia

Improves Transport Options	Incentives	Land Use Management	
Transit improvements Nonmotorized improvements Rideshare programs Flextime Car sharing Telework Taxi improvements Bike/transit integration	Road pricing Distance-based fees Commuter financial incentives Parking pricing Pay-as-you-drive vehicle insurance Fuel tax increases Nonmotorized	Smart growth New urbanism Location-efficient development Parking management Transit oriented development Car free planning Traffic calming	TDM Programs Commute trip reduction Campus transport management Freight transport management Tourist transport management TOURIST transport management TOURIST transport management TOURIST transport management TDM marketing
Guaranteed ride home HOV Priority	encouragement		Least-Cost planning Market reforms Performance Evaluation

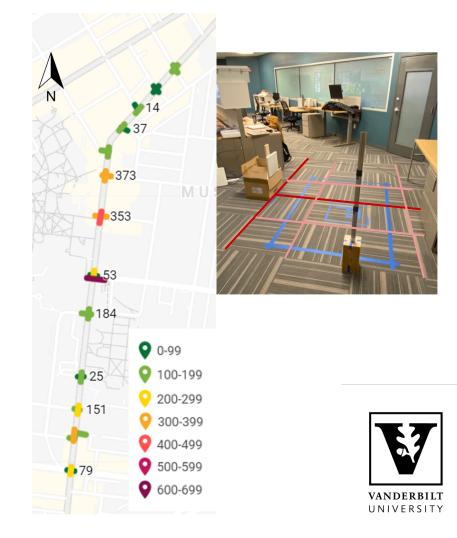




What's new?

- Lego Cities that model travel
 demand
- <u>The Power of Without</u>
- Micromobility integration into multimodal transportation
- <u>Transit partnerships</u> with Transportation Network Companies (ie Uber and Lyft)

- Pedestrian Study
- RFID Scooter Localization



Takeaway

- What I Learned
 - Communication
 - How the research space fits in
- What challenged me
 - What do I do when I don't know how/what to do
 - Finding a niche to research
- What went well
 - Collaboration and community within the lab

