

Project #4 – Shipper’s utility functions according to commodity groups and freight modal split

Project Start and End Date: 08/01/2024 – 07/31/2025

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1. Accomplishments during this reporting period

1B. What was accomplished in this reporting period?

Team had a kickoff meeting after its approval in August; Small sample data from FAF was generated; A graduate student was identified to work on it

1C. & 1D

Nothing to report.

1E. What do you plan to do during the next reporting period to accomplish the goals?

1. Examine the data and generate the needed shipper behavior data;
2. Literature review more thoroughly;
3. Propose a utility function to calibrate

2. Participants & Collaborating Organizations

2A. What organizations have been involved as partners?

University of Tennessee, TN. Dr. Lee Han is the collaborator. University of Washington in DC, DC.

2B. Have other collaborators or contacts been involved?

Dr. Han Lee at University of Tennessee is a recognized expert in traffic operations and travel behavior. He is on this project and we have a close collaboration.

3. Outputs

No outputs to report.

4. Outcomes

Nothing to report in 4A, B, C, D, or F.

4E. Enlarged pool of trained transportation professionals

A graduate student in transportation engineering is supported on it. He will be a transportation professor after the study

5. Impacts

No impacts to report.

6. Changes/Problems

No changes or problems to report.