|  |  |
| --- | --- |
| **UTC Project Information** | |
| Project Title | MPC-363 – A Two-Stage Approach for Estimating a Statewide Truck Trip Table |
| University | Utah State University |
| Principal Investigator | Anthony Chen (PI)  Kevin Heaslip (Co-PI) |
| PI Contact Information | Anthony Chen, Ph.D.  Professor  Utah State University  Phone: (435) 797-7109  Email: anthony.chen@usu.edu  Kevin Heaslip, Ph.D., P.E.  Assistant Professor  Utah State University  Phone: (435) 797-8289  Email: kevin.heaslip@usu.edu |
| Funding Agencies | USDOT, Research and Innovative Technology Administration |
| Agency ID or Contract Number | DTRT12-G-UTC08 |
| Project Cost | $200,000 |
| Start and End Dates | January 1, 2012 – December 31, 2013 |
| Project Duration | 2 Years |
| Brief Description of Research Project | The goal of this research is to develop a two-stage approach for estimating truck O-D trip table using both commodity flows from the national commodity O-D database and truck counts from the state-level database. The specific objectives of this research project include the followings:   1. Collect data from different sources:    1. Freight Analysis Framework version 3 (FAF3), a newly released national commodity O-D database from the Federal Highway Administration (FHWA)    2. Up-to-date statewide truck counts from the state DOT 2. Develop a commodity-based truck trip table using the national commodity flow data from the FAF3 database 3. Develop a path flow estimator procedure to refine the commodity-based truck trip table using the up-to-date truck counts from the statewide truck count program. |
| Describe Implementation of Research Outcomes (or why not implemented)  Place Any Photos Here |  |
| Impacts/Benefits of Implementation  (actual, not anticipated) |  |
| Web Links   * Reports * Project Website | https://www.ugpti.org/resources/reports/details.php?id=770 |