

GEORGIA DOT RESEARCH IN PROGRESS
University Transportation Center Projects
Office of Performance-based Management and Research

2/9/2021

	Research Project Number	Project Title	Principal Investigator	University / Consultant	GDOT Research Manager	GDOT Technical / Implementation (T/I) Manager	Starting Date	Completion Date	Objective
1	18-27	Continuous Field Validation of a Wireless Structural Monitoring and Bridge Weigh-In-Motion (BWIM) System.	Yang Wang	GA Tech	Sarah Lamothe	Rabindra Koirala	10/16/18	07/16/21	Address bridge safety concerns using an integrated in a two-pronged approach: bridge monitoring and weigh-in-motion using an integrated wireless sensing system.
2	18-25	Evaluation of Factors Influencing Roundabout Capacity.	Michael Rodgers	GA Tech	Sunil Thapa	Chris Raymond	09/19/18	06/20/21	Develop an improved model for estimating roundabout traffic operations characteristics, including vehicle delay and capacity.
3	18-24	Analysis of the Georgia Add-on to the 2016-2017 National Household Travel Survey.	Patricia Mokhtarian	GA Tech	Sarah Lamothe	Habte Kassa	08/27/2018	03/27/21	Identify the impacts of new technologies and emerging trends on travel demand in Georgia, while paying particular attention to those potentially marginalized by such trends.
4	18-23	Development of Tools to Model Driver Behavior in a Cooperative and Driverless Vehicle Mixed Roadway Environment.	Michael Hunter	GA Tech	Sarah Lamothe	Alan Davis	01/11/2019	03/10/21	Design a new simulation and modeling approach capable of reflecting emerging driver behavior in interactions with cooperative and autonomous vehicles using open simulation platforms that provide the flexibility lacking in current commercial platforms.