UTC Project Information	
Project Title	Evaluation of Eyes Off Road During L2 Activation on Non Controlled Access Roadways
University	VTTI
Principal Investigator	Charlie Klauer
PI Contact Information	Yi Glaser
Funding Source(s) and Amounts Provided (by each agency or organization)	$102,425/Expected match from sponsor (non-federal) $97,652
Total Project Cost	$200,000
Agency ID or Contract Number	Grant No: Project: WP-VTTI – 00-031
Start and End Dates	5/15/2020 – 12/31/2020
Brief Description of Research Project	The goal of this research will be to evaluate the eye glance patterns of drivers operating L2 vehicles (ACC + lane centering) during normal, baseline driving while negotiating surface streets. Driver's eye glance patterns when L2 systems are active will be compared to driver's glance patterns when L2 systems are inactive while negotiating uncontrolled access roadways. Closely linked to this analysis would be to assess driver's willingness to engage in secondary tasks and/or other driver inattention (e.g. drowsiness) when systems are active versus inactive. Specific research questions that this analysis would answer include: Do L2 drivers take longer average glance durations? Do L2 drivers take longer single glance durations? Do L2 drivers have shorter average on road glance duration? Do L2 drivers sustain a smaller attention buffer?
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	UTC stakeholders can use the results of this study to improve the design of in-vehicle driver monitoring systems.
Impacts/Benefits of Implementation (actual, not anticipated)	Improved partial automated and full automated vehicle technologies.

Web Links • Reports • Project website	https://www.vtti.vt.edu/utc/safe-d/index.php/projects/evaluation-of-eyes-off-road-during-l2-activation-on-uncontrolled-access-roadways/