The project has given me an opportunity to thoroughly review the safety problems associated with inadequate truck parking across the country and state DOT's response to those issues. I collected the most recent truck parking studies from each state through this project, focused on truck parking availability, demand estimation, and safety analysis. In addition, developing a comprehensive inventory of the collected studies has given me a clear vision of each state DOT's approach towards inadequate truck parking issues and different data sources and analysis methods that they are using. I was able to improve my literature review organization skills, which is vital to my dissertation and my future career as a transportation engineer.
~Dahye Le

My experience as a graduate research assistant in the mobility division at TTI is one of a kind. I was fortunate to be assigned working on several projects. One of them was the Safe-D Connected Vehicle Information for Improving Safety Related To Unknown Or Inadequate Truck Parking project. This project enhanced my knowledge of data processing, starting from gathering data, studying the data from the previous projects, and data manipulation. This hands-on experience also made me aware of the importance of the issue arising from inadequate parking space, especially since the mean of transportation in the future will be more autonomous and connected in the future. Furthermore, by working on this project, I gained technical knowledge. I was fortunate to gain real-world experience by participating in the interviewing activities with the truck drivers and learning about their thoughts as a first-hand user. Lastly, being a University Transportation Centers Program's project, I had good times learning and working under all the experts in the fields from both TTI and VTTI. In a real-world project, the corporate from all sectors are needed, with time constraints being the most critical factor. Therefore, this project allowed me to witness the transportation professionals solving unexpected issues during my TTI period from time to time.
~ Tat Srisan

This project gave me a chance to learn a lot about truck parking issue and the potential safety risks associated with inappropriate parking events. During the past few months, I had many chances to talk with these transportation experts in the team and learned many different concepts and how to connect dots between different concepts. Meanwhile, I also applied the data science knowledge to the big truck parking datasets provided by INRIX. Moreover, the spatial clustering method applied in this study is also interesting to learn and see how the team applied it to the project.
~ Jack Kong

This project has given me the opportunity to learn more about the big data analytics that can be used to help transportation planners effectively evaluate truck parking demand and identify truck parking opportunities. It also helped me form a better understanding of the differences in different big data sources and how they can be effectively analyzed to produce results that can lead to safety enhancements for truck drivers. I have also been able to incorporate what I have

learned in this project into the coursework I am currently completely in the Ph.D. program. Acting as project manager, I was also able to learn effective skills for managing researchers, monitoring budgets, and completing milestone reports. The skills I learned throughout this project have helped me to develop leadership skills that will be valuable as my career continues.
~ Brittney Gick