

**Student name: Roshan Sharma**

Academic level/academic standing: Graduated (Masters of Science in Civil Engineering)

Thesis/dissertation title and status: Completed (Sharma, R., 2018, "Finite Element Analysis of Truck Platoon Impact into Roadside Safety Barriers", Master's Thesis, Texas A&M University, College Station.)

Access restricted for two years for future publication purposes.

Impact Statement: The project has helped me learn advanced skills in finite element computer modeling of roadside safety devices, which directly complemented the coursework of "MEMA 647 - Theory of Finite Element Analysis". Classes like "CVEN 662 – Experimental Methods in Civil Engineering" and "CVEN 657 - Dynamic Loads and Structural Behavior" required development of proposal and technical paper respectively. This project developed my proposal/technical writing skills and allowed me to reflect that in my coursework for CVEN 662, CVEN 657 as well as other classes. All in all, the project exposed me to the real-world scenarios and research methodologies, which would have been difficult to experience, just from the coursework in my degree plan.