

CREATE Project Info Form / August 2023



**Project Requirements Form USDOT
CREATE UTC Contract Number 69A3552348330
Center Lead: Texas State University; Texas A&M University**

Also, as part of our research report, we would suggest pilot projects with interested agencies in the UTC (as a possible next phase to this project).

Outcomes/Impacts:

The project will yield new quantitative methods and measures for integrating resilience in transportation planning and asset management. Based on the knowledge and experience of the research team, we are confident that the research results will yield explicit and directly applicable results for DOTs and other local transportation agencies across the nation. The results will center on quantitative, effective, and easy to implement methods and procedures to integrate R&R assessments into various transportation planning, infrastructure prioritization, project selection and screening, and project scoping processes. The quantitative R&R assessment procedures for transportation assets will assist DOTs in proactively specifying highly critical assets within their transportation networks during transportation planning, evaluating the extent of risks and impacts in highly critical assets during prioritization and project selection, evaluating various hazard mitigation alternatives during project development, and monitoring the status of the system R&R during strategic performance assessment.

Final Research Report:

<https://rosap.ntl.bts.gov/view/dot/82618>