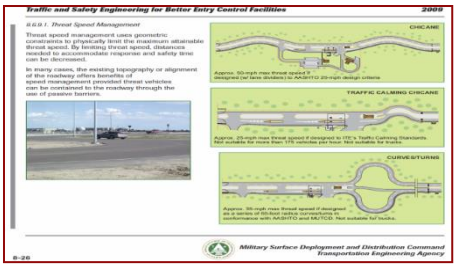
Safety Analysis of Modified Midwest Guardrail Passive Barrier



Project Summary: SDDCTEA, through its Traffic Engineering Branch, conducts or reviews traffic engineering studies and assists installations with their traffic engineering concerns and problems, and includes high crash locations; safety, security, and capacity of entry control facilities (ECF); traffic circulation; traffic control devices such as signs and pavement markings; pedestrian and bicycle safety, and speed studies. SDDCTEA's traffic engineering studies for ECFs emphasize identifying the best alternatives to provide low-cost improvements or operational changes that yield the highest benefits in terms of throughput and safety, while maintaining security. The results of the research will mitigate threats to the installation, prevent or decrease injuries and accidents, save lives, minimize lost or wasted time, minimize vehicle emissions, maintain readiness, and reduce cost.

Benefit:
Mitigate installation threats, reduce construction costs, prevent or decrease accidents, minimize lost time, minimize vehicle emissions, and maintain readiness. The 10-year cumulative ROI for this project request is 392% with a 51% increase per year.

Duration of project: FY22

Participants: USACE, NAVFAC and AFCEC

Project advocacy (funding or otherwise): SDDCTEA – Traffic Engineering Branch