

FT LECTURE SERIES  
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Source: <https://news.unl.edu/newsrooms/today/article/crash-test-showcases-strength-of-nebraska-developed-roadside-barrier/>

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## Roadside Safety Barrier Systems: Evaluation & Design



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Roadside safety barrier systems are envisioned to retain vehicles from drifting into perilous or off-limit areas and reduce the severity of accidents. The ends of these systems are designed and treated to absorb the energy of vehicles that crash on head into them. Their performance is assessed through a series of crash tests as per the standards that are determined by roadway safety professionals prior to installation. The proposed talk strives to showcase the state of the art in guardrail barrier systems, their end treatments, the prerequisites to assess their safety performance, and conclude with evaluation of structural adequacy of the system using FEM modelling and crash test simulation techniques.

Link for registration: [https://us06web.zoom.us/meeting/register/tZMtdO2sqjMtHtGCA6g7fmz80qnAbfXffP\\_Q](https://us06web.zoom.us/meeting/register/tZMtdO2sqjMtHtGCA6g7fmz80qnAbfXffP_Q)