Imagine you are tasked with evaluating this feature as a potential low-cost energy absorber used in combination with rigid roadside structures like bridge piers or concrete barrier ends. The designers have come to you and asked you to evaluate it and determine if it can be competitive with other structures. It is desired to meet MASH criteria, but not required. Before they give you a contract, they want you to draft a proposal for them which includes the following elements:

1. Determine how you would construct the device shown in the attached figure. Feel free to assume any details not explicitly provided.
2. Determine your test methods.
3. How would you evaluate the performance of the device?

This thought exercise was extracted from a real request to me. Given that is true, you are not permitted to share this outside of the facility. You can discuss amongst yourselves if you see fit as proposals like this are often improved as group efforts, but each of you must independently write and submit your approach. Due Tuesday 10/29!

By the way: you must make assumptions about any of the questions you have regarding this assignment. I won’t answer questions about style, length, format, etc. I can say that I am NOT interested in figures, just your written plan. Write it like you plan to submit it to a potential sponsor.

