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In summary, North Dakota DOT is looking for:

1. Which existing systems would you like to see being tested according to MASH?

- *Low tension 3-cable guardrail
- *Break away bases for large signs such as H-pile or round pipe
- *U-channel or perforated tube
- *Break away bases for light standards
- *Fence, such as chain link or other, mounted on top of the Single Slope Traffic Rail. This is a requirement by railroad companies.
- *Lighting on the Single Slope Traffic Rail, or how close to the bridge rail? Does zone of intrusion need to be modified?
- *Curved rail at approaches near bridges.

2. Are there any new research needs that your DOT would like to be seen developed and implemented under the MASH Implementation Plan?

- *Wood post equivalent to steel posts for w-beam and end terminals
- *Wood post equivalent for transition between Alaska two-tube rail and W-beam.
- *Are there design loads available for Single Slope Traffic Rail?
- *W-shape sign supports without concrete foundation.

3. Do you have any on-going or planned projects intended to develop and /or evaluate new roadside safety hardware according to MASH standard?

- *Partnered with Alaska to test two-tube bridge rail to test for MASH TL-3 and TL-4.