

Methodology for Load Rating Double Tee Bridges (2:40)
(Attachment C)

Doug Kinniburgh of the Office of Planning & Engineering Administration will ask the Board to authorize a request for proposal from South Dakota universities for SD2016-01, *Methodology for Load Rating Double Tee Bridges*. The objectives of the proposed study are to:

- Review nationally recognized standards for visual and analytical techniques on load rating bridges.
- Develop a testing plan to investigate the in-place structural integrity of double tee bridges with varying amounts of visible distress.
- Develop a methodology for engineers and highway superintendents in South Dakota to evaluate the structural integrity of double tee bridges and estimate load limits through visual inspection.

If the Board authorizes the work, the Office of Research will invite proposals from South Dakota universities. If no South Dakota universities express interest, the Office of Research will invite competitive proposals nationally.