Last Updated 9/11/2020

Bridge Measurement Forms Description

The bridge measurement forms are designed to help you gather all the information required to load rate a bridge. These forms are meant to be filled out when a bridge is measured and then uploaded to SMS. Before uploading to SMS print the document to PDF and following the naming convention below. The most updated measurement forms can be found on the bridge inspection or load rating website. All forms are fillable forms in Adobe and should be opened in a PDF viewer not within a browser.

Naming Convention for uploading to SMS: MDTID_MEASUREMENT NAME
eg: 01234_Steel_Bridge_Measurement

MDT-BRG-005 Steel Bridge Measurement

Use this form for measuring steel bridges. If the bridge is more than one span, a button exists in the form to add another sheet.

MDT-BRG-006 Continuous Steel Measurement

Use this form when measuring steel bridges that are continuous over multiple spans.

MDT-BRG-007 Timber Bridge Measurement

Use this form for measuring timber bridges. If the bridge is more than one span, a button exists in the form to add another sheet. The drop down for girder material allows for custom entry if the material is not listed.

MDT-BRG-008 Combination Measurement

Use this form for measuring steel/timber combination bridges. If the bridge is more than one span, a button exists in the form to add another sheet. The drop down for girder material allows for custom entry if the material is not listed.

MDT-BRG-009 Deck Measurement

Use this form when a deck is replaced or when measuring a bridge. Please include a photo of where the section measurements were taken from as well as an approach photo.

MDT-BRG-010 Substructures

Use this form when measuring the substructure of the bridge. Sketches or photos may also be uploaded to this form as needed. Definitions for steel section and timber can be found on their respective measurement forms.

MDT-BRG-011 Gusset Plate Measurement

Use this form when measuring gusset plates. One annotated photo of the gusset plate is required when submitting this form. Please reference the gusset plate measurement example for definitions.

MDT-BRG-012 Culvert Measurement

Use this form when measuring culverts. Both pipe and box culverts use this form.