

BDI Pre-Testing Information Sheet

In order to provide the best service we can, we would like to ask a few basic questions regarding what you would like to achieve through our instrumentation and load testing services. Please complete one information sheet for each structure to be tested.

- 1) Structure name:
- 2) Why is this structure a candidate for testing?
- 3) If the structure currently has a low load rating, what member and response type (i.e. shear, moment, axial) is controlling the rating?
- 4) Is there any apparent damage to the superstructure?
- 5) Is a set of as-built plans available for the superstructure?
- 6) Is a load rating to be completed?
 - What design/rating loads will it need to be rated for?
 - Is the load rating to be based on Allowable Stress Design (ASD), Load Factor Design (LFD), or Load and Resistance Factor Design (LRFD)?
- 7) Prestressed/PostTensioned Concrete structures.
 - Are prestressing/post-tensioning details available?
 - What strength is the prestressing/post-tensioning reinforcement?
 - Is there a known initial prestress/post-tension force?
- 8) Reinforced Concrete structures.
 - Are reinforcing details available?
 - What grade (yield stress) is the reinforcing steel?
 - Is an actual concrete strength available, i.e., core test results?
- 9) Steel structures.
 - What grade steel are the structural members?
 - Is fatigue to be considered in the rating?
- 10) Any other comments or information that might be relevant: