

**CEAO LOAD BRIDGE LOAD RATING**  
TASK PERFORMANCE REQUEST CHECK SHEET

**COUNTY:** SHELBY COUNTY ENGINEER  
500 GEARHART ROAD  
SIDNEY, OHIO 45365  
937-498-7244

BRIDGE SFN: 

7540183
SHE-C0041-03.37

**TASK 1 - Bridge inspection for fracture critical bridges (trusses & through girders)**

- Task 1.1 records search
- Task 1.2 Identify missing records
  - 1.2.1 Past inspection review
  - 1.2.2 Inventory review
- Task 1.3 Mobilization  
(Included if any item in this task is performed)
- Task 1.4 Inspection
  - 1.4.1 Bridge Inspection
  - 1.4.1 Section Loss Measurements
- Task 1.5 Technical Report
- Task 1.6 Project Management for Task 1  
(Included if any item in this task is performed)

**TASK 4 - Load Rating and Analysis for Steel Truss or Through Girder bridges**

- Task 4.1 Information Review
  - 4.1.1 Plan review
  - 4.1.2 Inspection Review
- Task 4.2 Analysis
  - 4.2.1 Deck Analysis
  - 4.2.2 Floor System Analysis
  - 4.2.3 Beam Analysis
  - 4.2.4 Truss Analysis
- Task 4.3 Technical Report
- Task 4.4 Project Management for Task 4  
(Included if any item in this task is performed)

**TASK 2- Fracture Critical Plan**

- Task 2.1 Identification and Evaluation
- Task 2.2 Technical Report
- Task 2.3 Project Management for TASK 2  
(Included if any item in this task is performed)

**TASK 5 - Analysis of Gusset Plates**

- Task 5.1 Information Review
  - 5.1.1 Plan review
  - 5.1.2 Inspection Review
- Task 5.2 Analysis
  - 5.2.1 Properties
  - 5.2.2 location of cuts
  - 5.2.2 Spreadsheet input
- Task 5.3 Technical Report
- Task 5.4 Project Management for Task 5  
(Included if any item in this task is performed)

**TASK 3 - Field measurements for load rating (no plan information available)**

- Task 3.1 Site Visit
- Task 3.2 Measurements
  - 3.2.1 Main Member Measurements
  - 3.2.2 Gusset Plate Measurements
- Task 3.3 Technical Drawings
- Task 3.4 Project Management for Task 3  
(Included if any item in this task is performed)

NOTE: The County Engineer will check each task box above that should be completed by the consultant. The consultant shall then fill in the electronic spreadsheet for each task requested and return a copy of this back to the County Engineer to file with their application.