

Texas Department of Transportation Bridge Inspection QC/QA Review

Bridge Folder Contents Checklist

Side 1 **Maps and Photos**

- _____ Map showing correct location of structure highlighted. This map should include "major routes" for reference.
- _____ Current Inspection Photos: Roadway View, Elevation, Underside View, Stream or Roadway Under, Upstream View, Downstream View
- _____ Condition Photos - Weight Limit signs, Components with low condition ratings, and inspection comments that need to be documented
- _____ Photos from previous inspections in reverse chronological order that show a pictorial history of the bridge condition over time

Side 2 **Current Routine Inspection Forms**

- _____ Bridge Summary Sheet (Off-System)
- _____ Bridge Inspection Follow-up Action Worksheet (On-System)
- _____ Bridge Inspection Record (Form 1085)
- _____ Bridge Appraisal Worksheet (Form 1387)
- _____ Current Load Rating Calculations or copies of bridge plans.
- _____ Bridge Inventory Record
- _____ Bridge Inventory Record Revisions

Side 3 **Sketches and Measurements**

- _____ Underclearance Sketch
- _____ Upstream Channel Cross-Section Measurements
- _____ Upstream Channel Cross-Section Sketch

Side 4 **NBI and Scour Documentation**

- _____ Current NBI Sheet (printout of the electronic National Bridge Inventory File)
- _____ Secondary Scour Screening Form
- _____ Form 113.1 - (includes the list of scour susceptible bridges with their scour classification)
- _____ Scour related reports, documents, photos
- _____ All Scour Photos

Side 5 **Supplemental Inspections**

- _____ Elemental Data Inspection Records (Bridge Management System)
- _____ Special Inspection Records and Reports (Underwater Inspections, Fracture Critical Inspections, etc.)

Side 6 **Inspection History**

- _____ Bridge Structural Condition History
- _____ Previous Inspections
- _____ Bridge Plans if available

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Bridge Folder Contents Review

Contract Number	Consultant Firm
Work Authorization Begin Date	Inspecting Engineer
Work Authorization End Date	TxDOT QC/QA Reviewer
Structure Number	Date of Review
Facility Carried	Facility Crossed

Side 1 Maps and Photos

- _____ Is the location of this bridge correct on the map?
- _____ Are the photos current for this bridge? Do the photos document adverse condition finding for this bridge?
- _____ Is there sufficient photo documentation for inspection comments, recommended follow up actions, or low condition rating?

Side 2 Current Routine Inspection Forms

- _____ Are the required forms signed, sealed, and dated by the inspecting Engineer?
- _____ Has any load posting recommendation changed, are signs needed? Have the correct signs been placed?
- _____ Are the follow-up-actions clearly related to the photo documentation and the condition ratings?

Side 3 Sketches and Measurements

- _____ Is the under-clearance sketch correct for the current roadway underneath?
- _____ Has there been a significant change in the channel profile?
- _____ Are the cross-section measurements and notes legible and clear on the channel profile sketch?

Side 4 NBI and Scour Documentation

- _____ Current NBI printout
- _____ Secondary Scour Screening Form
- _____ Form 113.1 - Is this bridge on the list of scour susceptible bridges for the district?
- _____ Are the Scour related reports, documents, photos current?

Side 5 Supplemental Inspections

- _____ Elemental Data Inspection Records (Bridge Management System)
- _____ Special Inspection Records and Reports (Underwater Inspections, Fracture Critical Inspections, etc.)

Side 6 Inspection History

- _____ Bridge Structural Condition History
- _____ Previous Inspections and all attachments in reverse chronological order
- _____ Bridge Plans - are these included or needed?

Additional comments:
