

# Inspector Quantlist Report 20250303

Diary Number: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

TRACS Number: \_\_\_\_\_

Date: \_\_\_\_\_

## Division VI: Structures

### Title: Cast-In-Place Box Girder Bridge

Structure Number:	Structure Name:
Start Station:	Ending Station:
Offset:	Pour Sequence Number:

Attribute Numbers	Weight	Narratives	References
0.		Have all the stakeholders participated in a pre-activity meeting?	Construction Manual 108.04
1.		Has the contractor submitted a safety plan and is it being followed? (the plan satisfies occupational safety guidelines in all construction activities involved in the project)	2021 Standard Specifications 107.08 (B) pg. 100
2.		Are Bearing Pads Constructed in accordance with the plans?	2021 Standard Specifications 1013-2.01 pg. 1228
3.		Has the contractor furnished a Certificate of analysis for bearing pads conforming to the requirements of Subsection 106.05?	2021 Standard Specifications 1013-3.01 pg. 1233
4.		Has the contractor's Professional Engineer issued a properly sealed and signed certificate for falsework / formwork?	2021 Standard Specifications 105.03 pg. 67 601-3.03 (B) pg. 571
5.		Are the forms constructed to support the loads imposed, and produced in the finished structure as the lines, grades, and dimensions shown on the project plans?	2021 Standard Specifications 601-3.02 (A) pg. 567
6.		Are forms mortar tight and adequately braced to prevent displacement during concrete placement?	2021 Standard Specifications 601-3.02 (C)(1) pg. 572
7.		Are reused forms maintained in good condition as to accuracy of shape and smoothness of surface?	2021 Standard Specifications 601-3.02 (C)(1) pg. 572
8.		Are forms clean of dirt, sawdust, grease, old concrete, and other foreign materials and sprayed with an approved form-release agent prior to placing concrete in the forms?	2021 Standard Specifications 601-3.02 (C)(1) pg.573
9.		Are the chamfer strips of selected material, dressed to true line and uniform dimensions?	2021 Standard Specifications 601-3.02 (C)(2) pg. 573

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10.		Was the sequence of concrete placement being followed as shown on the project plans or as approved by the Engineer?	2021 Standard Specifications 601-3.03 (A) pg.577
11.		Do the dimensional tolerances for Cast-In-Place Concrete conform to requirements of Table 601-1?	2021 Standard Specifications Table 601-4.02 (A) pg. 596
12.		Have all the required utility items in the cast-in-place box girder been embedded as per the project plans or in approved shop drawings prior to placing concrete?	2021 Standard Specifications 601-3.03 (A) pg. 577
13.		For Hot Weather Concreting: Have forms, subgrade, and reinforcing steel been lightly sprinkled with cool water just prior to the placement of concrete?	2021 Standard Specifications 1006-5.02 pg. 1177
14.		Is the rate of concrete placement for the bottom slabs and girder walls no less than 60 cubic yards per hour when the volume of concrete to be placed exceeds 300 cubic yards?	2021 Standard Specifications 601-3.03 (A) pg. 578
15.		Has care been taken in removing falsework and forms to not deface or damage the structure?	2021 Standard Specifications 601-3.02 (D) pg. 576
16.		Are vertical restrainers in the correct position, location, dimension, and orientation in accordance with the project plans?	2021 Standard Specifications 601-3.09 (C) pg. 595
17.		Has the contractor provided means of holding the restrainer cable assemblies in their planned positions?	2021 Standard Specifications 601-3.09 (C) pg. 595
18.		Are vertical restraints (fixed or expansion) supported by various combinations of the following: cables, clips, No. 11 rebar, duct tape, expanded polystyrene, hardboard, and incidentals?	2021 Standard Specifications 601-3.09 (A) pg. 594
19.		Are construction joints placed in the locations shown on the project plans or as approved by the Engineer? (except under emergency conditions, construction joints are planned and located in advance of placing concrete)	2021 Standard Specifications 601-3.04 (A) pg. 582
20.		Do the bearing pads meet the dimensions on the project plans?	2021 Standard Specification 1013-2.01 pg. 1228
21.		Bearing pads are transported and stored so that they are protected from damage from weather, handling and normal hazards?	2021 Standard Specifications 1013-2.01 pg. 1228
22.		When the bearing pads are installed, are they clean and free of all foreign substances?	2021 Standard Specifications 1013-2.01 pg. 1228
23.		Are the drainage openings, through the diaphragms and bottom slabs, placed and constructed in accordance with the project plans?	Project Plans
24.		Does the Surface finish of the cast-in-place girder meet the requirements for Class 1 finish?	2021 Standard Specifications 601-3.05 (B) pg. 586
25.		All holes as a result of forming or other methods of construction utilized by the contractor shall be cleaned thoroughly, then completely filled with and carefully patched with mortar.	2021 Standard Specifications 601-3.05 (B) pg. 586
26.		Quantlist Minimum Frequency is being followed, one per span?	Construction Bulletin 07-01