

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Cast-In-Place Box Girder Bridge

Structure Name
Structure Number
Start Station
Ending Station
Pour Sequence Number

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Construction Manual 601-3.03 (B)
1.		Employees are protected from falls by the use of guardrail system, safety net system or personal fall arrest system.	OSHA 1926.50
2.		The certificate of analysis and independent test results are submitted and approved for the bearing pads.	Standard Specifications 1013-3.01
3.		The bearing pad drawings need to be reviewed and approved by the Engineer.	Standard Specifications 1013-2.01
4.		Formwork / falsework drawings are submitted and approved in accordance with the project plans.	Standard Specifications 105.03 Standard Specifications 601-3.03 (B)
5.		Forms are set to the dimensions and tolerances as required of the Project Plans.	Standard Specifications 601-3.02 (A)
6.		Forms are mortar tight and adequately braced to prevent displacement during concrete placement.	Standard Specifications 601-3.02 (C)(1)
7.		Forms being reused are maintained in good condition as to accuracy of shape and smoothness of surface.	Standard Specifications 601-3.02 (C)(1)
8.		Forms are 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.	Standard Specifications 601-3.02 (C)

9.		Proper size chamfer is placed in the proper location in accordance with the project plans.	Standard Specifications 601-3.02 (C)(1)
10.		The sequence of concrete placement is being followed as shown on the project plans or as approved by the Engineer.	Standard Specifications 601-3.03 (A)
11.		Cast in place cross sectional dimensional tolerances of slabs and wall thickness are -1/8" to +1/4".	Standard Specifications 601-4.02 (A)(2)
12.		Girder bearing seat deviation from the required elevation is -1/4 inch to +1/8 inch.	Standard Specifications 601-4.02 (A)(7)
13.		Girder bearing seat deviation from the plane surface is 1/8 inch in 10 feet.	Standard Specifications 601-4.02 (A)(7)
14.		Cast in place concrete box girder and intermediate diaphragms deviate in overall depth +1/4 inch to -1/8 inch.	Standard Specifications 601-4.02 (A)
15.		Cast in place concrete box girder and intermediate diaphragms deviate in slab and wall thickness +1/4 inch to - 1/8 inch.	Standard Specifications 601-4.02 (A)(8)
16.		All required utilities in the cast-in-place box girder (under deck lighting, utilities, sleeves, sign supports, FMS conduits) are embedded as seen on the project plans or in approved shop drawings prior to placing concrete.	Standard Specifications 601-3.03 (A)
17.		Immediately prior to concrete placement, the forms and reinforcing steel are sprinkled with cool water (required for air temperatures above 90° degrees F, but recommended for all temperatures above freezing).	Standard Specifications 1006-5.02
18.		The rate of concrete placement conforms to the requirements.	Standard Specifications 601-3.03 (A)
19.		Care is taken in form removal so not to scar, deface, or damage the concrete.	Standard Specifications 601-3.02 (D)
20.		Vertical restrainers are in the correct position, location, dimension, and orientation in accordance with the project plans.	Standard Specifications 601-3.09 (C)
21.		The 3/4 inch expansion restrainer cable is securely attached to the inside of the structure steel tube with rebar tie wire as shown in the project plans.	Plans
22.		Vertical restrainers (fixed or expansion) are supported and held at the top by an 18 inch #11 rebar.	Standard Specifications 601-3.09
23.		Joint materials are placed between the abutment and superstructure in accordance with the project plans.	Plans
24.		Bearing pads meet the dimensions on the project plans.	Plans
25.		Bearing pads are stored so that they are protected from damage from weather, handling and normal hazards.	Standard Specifications 1013-2.01
26.		When bearing pads are installed, they are clean and free of all foreign substances.	Standard Specifications 1013-2.01
27.		Drainage openings, through the diaphragms and bottom slabs are placed and constructed in accordance with the project plans.	Plans

28.		For Class 1 finishes, all bolts, wires, snap ties, and rods are clipped and recessed 1" below the surface of the concrete and all holes, honeycombs, rock pockets, and other surface imperfections are cleaned to sound concrete.	Standard Specifications 601-3.05 (A)
29.		Quantlist Minimum Frequency is being followed, one per span.	Construction Bulletin 07-01