

Inspector Quantlist Report 20250317

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Concrete Box Culverts

Plan Reference Number:	Number of Barrels:
Start Station:	Ending Station:
Span Width:	Offset:

Attribute Numbers	Compliant	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting?	Construction Manual 108.04
1.		Is there an approved Trenching Plan for excavations of 5 feet or greater and the Contractor has submitted the name of the "Competent Person" (Safety Supervisor)?	OSHA's Subpart P 29 CFR 1926.650 – 652 OSHA's Subpart S 29 CFR 1926.800 2021 Standard Specifications 107.08 (B) pg.100
2.		Trenching conforms to the approved trenching plan for excavations 5 feet deep or greater?	2021 Standard Specifications 107.08 (B) pg. 100
3.		Has the contractor's competent Person (Safety Supervisor) inspected trenches and surrounding areas to identify existing and predictable hazards?	OSHA's section 1926.650 (b) 2021 Standard Specifications 107.08 (B) pg. 100
4.		A copy of the mix design, approved by the Engineer, is on file?	Materials Practice and Procedure Directives 15a 1.4.1 2021 Standard Specifications 1006-3.02 pg. 1160
5.		For clear spans greater than 12 feet, falsework drawings have been submitted and approved?	2021 Standard Specifications 105.03 pg. 67
6.		Areas are Blued Staked prior to beginning work?	2021 Standard Specifications 107.15 pg. 114
7.		Side slopes conform to the requirements specified in current OSHA regulations and are approved by the Engineer?	2021 Standard Specifications 203-5.03 (A) pg.198
8.		Is the foundation free of unsuitable and loose un-compacted material?	2021 Standard Specifications 203-5.03 (A) pg.198
9.		Where new construction is joined to existing concrete; was the existing concrete saw cut to a true line with straight vertical edges free of irregularities?	2021 Standard Specifications 202-3.03 (A) pg.179

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10.		Separated by structure, were all the shipping documents showing lengths, sizes, and weights of the reinforcing steel presented to the Engineer?	2021 Standard Specifications 1003-1 pg.1131
11.		Has the contractor submitted a Certificate of Compliance or a Certificate of Analysis, as required, prior to the use of any materials or manufactured assemblies for which the specifications require?	2021 Standard Specifications 106.05 (A) pg. 89 Special Provisions 106.15
12.		Are the shop drawings of the concrete box culvert submitted in accordance with the requirements of Subsection 105.03 of the specifications?	2021 Standard Specifications 601-3.01 pg. 566
13.		If the existing box is extended, have the correct size and quantity of dowels been properly placed?	Structure Detail Drawings SD 6.01-1
14.		The tolerances such as bar size, clearance, and spacing have been checked with the project plans or the Structure Detail Drawings "SD".	Structure Detail Drawings SD 6.01-1
15.		Box culvert formed construction joints, are in the top slab and walls (optional in floor slab), spaced not more than 38 foot 6 inches apart or as shown in Project Plans? (joints are perpendicular to the centerline of the box)	Structure Detail Drawings SD 6.01-1
16.		Reinforced steel extends 1 foot 6 inches thru the joint, and the joint is made with a 1/4 inch plywood bulkhead which is left in place or the alternate joint detail shown on Structure Detail Drawings?	Structure Detail Drawings SD 6.01-1
17.		Are the forms filleted 3/4 inch so there are no exposed sharp corners in the finished concrete?	2021 Standard Specifications 601-3.02 (C)(1) pg.572
18.		Are the forms treated with an approved form release agent before concrete is placed?	2021 Standard Specifications 601-3.02 (C)(1) pg.572
19.		Are the forms mortar tight and designed, constructed, braced and maintained so that the finished concrete is true to line and elevation and conforms to the required dimensions and contours?	2021 Standard Specifications 601-3.02 (C)(1) pg.57
20.		Was each concrete box culvert finished to the appropriate class per the project plans?	2021 Standard Specifications 601-3.05 (A) pg. 585
21.		If forms are removed after the concrete has been set, has the contractor cured and protected the exposed concrete in accordance with the requirements of Section 1006 of the specifications?	2021 Standard Specifications 601-3.02 (D) pg. 575
22.	r	If the forms are removed at 48 hours was the top slab supported for a minimum of seven days?	2021 Standard Specifications 601-3.02 (D) pg. 576
23.		After the structure has cured for a period of at least seven days, was the placement of backfill material in accordance with Subsection 203-5.03(B) of the specifications.	2021 Standard Specifications 1006-6.01 (A) pg. 1180 601-3.02 (D) pg. 575

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24.		When shown on the plans, survey monuments were cast in place at both ends of the headwalls (inlet and outlet headwalls).	Plans
25.		Quantlist Minimum Frequency is being followed, one per structure?	Construction Bulletin 07-01