

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures
Title: Concrete Box Culverts

Plan Reference Number
Station
Offset
Span Width
Number of Barrels

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		There is an approved Trenching Plan for excavations of 5 foot 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 Standard Specifications 107.08
2.		Trenching conforms to the approved trenching plan for excavations 5 foot deep or greater.	Standard Specifications 107.08
3.		The Contractor's Competent Person (Safety Supervisor) has inspected all open trenches before work is started or resumed.	OSHA's section 1926.650 (b) Standard Specifications 107.08
4.		A copy of the mix design, approved by the Regional Materials Engineer, is on file.	Materials Practice and Procedure Directives 15a 1.4.1 Standard Specifications 1006-3.02
5.		For clear spans greater than 12 feet, falsework drawings have been submitted and approved.	Special Provisions 105.03 Standard Specifications 105.03
6.		Areas are Blued Staked prior to beginning work.	Standard Specifications 107.15
7.		Side slopes shall conform to the requirements specified in current OSHA regulations or approved trenching plan or was approved by the Engineer.	Standard Specifications 203-5.03

8.		Foundation is free of unsuitable material and loose un-compacted material.	Standard Specifications 601-3.01
9.		Where new concrete is joined to existing concrete; the existing concrete was saw cut to a true line with straight vertical edges free of irregularities.	Standard Specifications 202-3.04
10.		When reinforcing steel is delivered, the Contractor will furnish the Engineer with a copy of all shipping documents which include shipping document showing the sizes, lengths and weights of the reinforcing steel separately for each structure.	Standard Specifications 1003-1
11.		The Certificates of Compliance to which state that steel or iron products incorporated into the project meet the Buy America Act requirements', certifying that all manufacturing processes producing a steel or iron product, including any application of a coating to iron or steel, occurred in the United States.	23 CFR Part 635.410 Special Provisions 106.05 Special Provisions 106.15
12.		Shop drawings conform to the detail in the plans and the Structure Detail Drawings.	Plans Details Structure Detail Drawings SD 6
13.		If the existing box is extended, have the correct size and quantity of dowels been properly placed?	Structure Detail Drawings SD 6
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
15.		Box Culvert has formed Construction joints in the top slab and walls (optional in floor slab), spaced not more than 38' 6" apart or as shown in Project Plans (joints are perpendicular to the centerline of the box), Reinforcing steel project 1' 6" thru the joint, and the joint is be made with a 1/4" plywood bulkhead which shall be left in place or the alternate joint detail shown on Structure Detail Drawings (SD 6.01 2 of 5) may be used.	Structure Detail Drawings SD 6.01-1
16.		A falsework quantlist has been completed.	Construction Bulletin 07-01
17.		All exposed edge has a Chamfer 3/4" unless noted otherwise in plan detail.	Structure Detail Drawings SD 6.01-1
18.		Forms have been set to the dimensions and angles required from the plan details.	Standard Specifications 601-3.02 (C)
19.		Forms have been braced to prevent displacement or distortion during concrete placement.	Standard Specifications 601-3.02 (C)(1)
20.		Concrete is finished to the dimensions shown on the project plans.	Standard Specifications 601-3.05
21.		A concrete class "S" quantlist has been completed.	Construction Bulletin 07-01
22.		A concrete curing quantlist has been completed.	Construction Bulletin 07-01
23.		When forms are removed, cure is applied immediately following the finishing operation to the exposed surfaces.	Standard Specifications 1006-6.01 (C)
24.		The backfill is not commenced until the walls and top have attained the proper strength.	Standard Specifications 1006-6.01 (C) Standard Specifications 203-5.03 (B)(4) Standard Specifications 601-3.02 (D)

25.		The backfill is sloped to the correct grades.	Construction Standard Drawings C-03.1 Roadway Design Standards and Guidelines
26.		The removal of the slab support forms may be reduced to 48 hours if the top slab remains supported along the centerline of the culvert span by a continuous beam and line of posts erected as a part of the original slab form, which will remain in place, undisturbed, a minimum of seven days.	Standard Specifications 601-3.02 (D)
27.		When shown on the plans, survey monuments were cast in place at both ends of the headwalls (inlet and outlet headwalls).	Plans
28.		Quantlist Minimum Frequency is being followed, one per structure.	Construction Bulletin 07-01