

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures
Title: Bridge Deck Joint

Structure Name
Structure Number
Joint Type
Station
Air Temperature
Manufacture Name

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders participated in a pre-activity meeting (discuss pour schedules, steel placement, steel and formwork inspection, concrete placement, consolidation, finish, texture, cure, and traffic and safety issues).	Construction Manual 601-3.02 (C) Construction Manual 601-3.03 (A) Construction Manual 601-3.03 (B) Standard Specification 601-3.03 (A)
1.		Correct type of joint (compression seal or strip seal) is installed as per approved project plans and approved shop drawings.	Standard Specifications 601-3.04(B)(2)
2.		Approved certificates of compliance are on file for bridge deck joint assemblies.	Standard Specifications 601-3.04(B)(3)(a) Standard Specifications 1011-3
3.		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

4.		Inspector has a copy of the approved Shop Drawings for the correct type of assembly: compression seal or strip seal.	Standard Specifications 105.05 Standard Specifications 601-3.04(B)(3)(b)
5.		Shop drawings have been reviewed and approved per Spec 105.03.	Standard Specifications 105.03
6.		Prior to placing the concrete, the joint opening is checked and/or adjusted in accordance with the temperature correction chart in the Shop Drawing.	Standard Specifications 601-3.04(B)(3)(b)
7.		Contractor and ADOT agree on the final "e" dimension (Temperature).	Shop Drawing
8.		Engineer shall inspect the joint assembly for voids by sounding the angle with a hammer. All voids shall be repaired by the contractor by epoxy injection.	Plans
9.		Construction joint surfaces in place more than eight hours are cleaned by abrasive blast methods.	Standard Specifications 601-3.04
10.		One sample (18 inches or longer) of the seal material was taken for each size of seal used on the project?	Standard Specifications 601-3.04(B)(3)(a)
11.		Prior to installing the Elastomer portion of the assembly, joints-to-be-sealed are covered and protected at all times.	Standard Specifications 601-3.04(B)(3)(g)
12.		After installation, the deck joint seal element is checked for perforations or tearing (if found, will be cause for rejection of the seal).	Standard Specifications 601-3.04(B)(3)(g)
13.		The block out area reinforcing steel is checked for quantity, size, spacing, clearance, and correct placement.	Plans
14.		Prior to placing the concrete, the block out surfaces are cleaned of all dust and abrasive material and coated with an approved adhesive.	Standard Specifications 601-3.04(B)(3)(g)
15.		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
16.		Adequate vibration or other consolidation methods are used for the concrete in the joint with special emphasis on the area under the angle iron.	Construction Manual 601-3.03 (D) Standard Specifications 601-3.03(D)
17.		Strip (Neoprene) seal is supplied full length without splices.	Standard Specifications 1011-5.02 Structure Detail Drawings SD 3.02
18.		Compression (polychloroprene) joint is supplied full length without splices for lengths of 60 feet or less, unless otherwise indicated on the Project Plans.	Standard Specifications 1011-5.02 Structure Detail Drawings SD 3.01
19.		To ensure a smooth finished joint, the top elevation of the angle iron is checked longitudinally and transversely with a straight-edge.	Standard Specifications 601-3.05 (D)
20.		After the initial concrete sets, the bolts holding the joint together are loosened or removed to allow for movement.	Structure Detail Drawings SD 3.01

21.		Compression joint seals are placed flush with the guard angle (-1/4 inch to +3/8 inch) as indicated on the Project Plans.	Structure Detail Drawings SD 3.01
22.		Quantlist Minimum Frequency is being followed, one per span.	Construction Bulletin 07-01