

Inspector Quantlist Report 20250210

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Approach/Anchor Slab with Joint

Structure Number:	Structure Name:
Start Station:	End Station:
Offset:	Approach or Anchor Slab:

Attribute Numbers	Yes, No, N/A	Narratives	References
0.		Have all stakeholders participated in the pre-activity meeting?	Construction Manual 108-112
1.		Have certificates of compliance been submitted for either Joint Sealant (Hot-Applied):or Joint Sealant (Cold-Application):sealant material?	2021 Standard Specifications 1011-3, 1011-4 pg. 1220
2.		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 pg. 89
3.		Has unsuitable material been removed, disposed of and replaced with suitable material or structure backfill material and compacted to the required densities?	2021 Standard Specifications 203-5.03 (A) pg.198
4.		Are forms mortar tight and designed, constructed, braced and maintained so that the finished concrete is true to line, elevation and conforms to the required dimensions and contours? (stay-in-place forming is not be used unless specified on the plans or approved by the Engineer)	2021 Standard Specifications 601-3.02 (C) (1) pg. 572
5.		If forms are to be reused, are they maintained and in good condition and kept accurate to shape, strength, rigidity, mortar-tightness, and surface smoothness? (forms or form lumber unsatisfactory in any respect are not used)	2021 Standard Specifications 601-3.02 (C) (1) pg. 572
6.		Are 3/4 inch fillets placed at all exposed, sharp corners of the concrete, unless otherwise noted in the plans?	2021 Standard Specifications 601-3.02 (C) (1) pg. 572

Inspector Quantlist Report 20250210

7.		Are forms treated with an approved form release agent before concrete is placed? (any material which would adhere to or discolor the concrete is not used)	2021 Standard Specifications 601-3.02 (C) (1) pg. 572
8.		Forms shall be cleaned of all dirt, sawdust, water, and other foreign material prior to placing concrete in the forms.	2021 Standard Specifications 601-3.02 (C) (1) pg. 572
9.		Is the reinforcing steel (rebar) accurately fabricated and placed as shown on the plans, firmly held in place by wire ties at all intersections and splices with 16 gauge or heavier tie wire?	2021 Standard Specifications 605-3.01 pg. 635
10.		Is the reinforcing steel (rebar) supported with precast mortar blocks, ferrous metal chairs, spacers, metal hangers, supporting wires, or other approved supports at the spacing necessary to maintain the specified clearance? (the use of pebbles, broken stone, concrete masonry blocks, brick, metal pipe, or wood blocks will not be permitted for the use of spacing or support)	2021 Standard Specifications 605-3.01 pg. 635
11.		If reinforcement spacing is less than 12 inches in each direction, are alternate intersections being tied? (tack welding of reinforcement is not permitted unless approved in writing by the Engineer)	2021 Standard Specifications 605-3.01 pg. 635
12.		Are the following tolerances being followed when placing, tying, and supporting reinforcing steel? (horizontal bars are within 1/4 inch, measured vertically, of the position indicated on the plans; and long runs of bars may vary up to two inches in spacing; however, the specified number of bars are to be placed)	2021 Standard Specifications 605-3.01 (A), (C) pg. 635
13.		Has the reinforcement in the member been inspected and approved prior to the placement of concrete? (reinforcement which does not conform to the above tolerances has been adjusted or repaired prior to concrete placement)	2021 Standard Specifications 605-3.01 pg. 635
14.		Is all reinforcement furnished in the full lengths indicated on the project plans? (splicing of bars, except as shown on the plans, will not be permitted without the Engineer's approval)	2021 Standard Specifications 605-3.02 pg. 637
15.		Are splices staggered as far as possible? (the type and method of splices or connections are approved by the Engineer)	2021 Standard Specifications 605-3.02 pg. 637
16.		Are forms, subgrade and reinforcing steel sprinkled with cool water immediately prior to concrete placement?	2021 Standard Specifications 1006-5.02 pg. 1177

Inspector Quantlist Report 20250210

17.		Is the temperature of forms, reinforcing steel, earthen material, or any other material in contact with the concrete a minimum temperature of 40 degrees F? (concrete is not placed on or against ice-coated forms, reinforcing steel, structural steel, conduits, or construction joints; nor on or against snow, ice, or frozen earth materials)	2021 Standard Specifications 1006-5.02 pg. 1178
18.		Concrete was not poured until the placement of reinforcing steel and the adequacy of the forms and falsework were approved?	2021 Standard Specifications 601-3.03 (A) pg. 577
19.		Concrete was placed and consolidated by methods that do not cause harmful segregation and result in a dense homogeneous concrete, free of honeycomb or voids?	2021 Standard Specifications 601-3.03 (A) pg. 577
20.		Was the concrete placed in horizontal layers not more than 24 inches in depth?	2021 Standard Specifications 601-3.03 (A) pg. 577
21.		Was the concrete forced within the forms under and around the reinforcement without displacing reinforcement or other embedded items?	2021 Standard Specifications 601-3.03 (A) pg. 577
22.		Was the conveying equipment capable of providing the concrete to the point of placement without segregation, or interruptions sufficient to permit loss of plasticity?	2021 Standard Specifications 601-3.03 (A) pg. 577
23.		Concrete placed in slabs were struck off by means of a screed? (The screed may be self-propelled screed equipment or the type specified under Subsection 401-3.04(D) of the specifications)	2021 Standard Specifications 601-3.03 (A) pg. 577
24.		There is no partially hardened concrete or concrete contaminated by foreign materials deposited in the structure.	2021 Standard Specifications 601-3.03 (A) pg. 577
25.		The rate of concrete placement and consolidation was such that the formation of cold joints within monolithic sections of any structure did not occur? (The rate of concrete placement for major structures is not less than 35 cubic yards per hour)	2021 Standard Specifications 601-3.03 (A) pg. 577
26.		Before new concrete is placed against hardened concrete, were the forms drawn tight against the face of the concrete, wood keys removed, and the exposed steel or dowels and the entire surface of the construction joint thoroughly cleaned?	2021 Standard Specifications 601-3.04 (A) pg. 582
27.		Immediately ahead of placing fresh concrete on the construction joint, was the old concrete thoroughly saturated with water?	2021 Standard Specifications 601-3.04 (A) pg. 582

Inspector Quantlist Report 20250210

28.		For all construction joints more than 8 hours old, the reinforcing steel and entire surface of the joint was thoroughly cleaned by abrasive blast methods?	2021 Standard Specifications 601-3.04 (A) pg. 582
29.		The textured groove depth was measured in accordance with the requirements of Arizona Test Method 310? (The grooves for decks exposed directly to traffic are rectangular in shape and measure 1/8 inch \pm 1/32 inch deep by 1/8 inch \pm 1/32 inch wide. Spacing of the grooves are 3/4 inches \pm 1/8 inch center to center)	2021 Standard Specifications 601-4.01 pg. 595
30.		Are all of the sealant tops at least 1/2" below the approach slab surface?	Structure Detail Drawings 2.01
31.		Bituminous joint filler (1/2") was used between the approach slab and bridge abutment?	Structure Detail Drawings 2.01 Detail C
32.		The joint between the approach and anchor slab or new PCCP is 2 inches wide?	Structure Detail Drawings 2.01 Detail A
33.		Are the approach and anchor slab joints or new PCCP, filled with 2" wide rigid polyethylene or polyurethane foam spacer + 6" minimum height of cellular plastic filler (ASTM D3204) + 2" sealant (ASTM D5893) and recessed 1/2"?	Structure Detail Drawings 2.01 Detail B
34.		Under the 2 inch wide joints of the anchor and approach slabs a 1/2 inch hardboard was placed over two layers of 40 lb roofing paper used as a bond breaker?	Structure Detail Drawings 2.01 Detail A
35.		Approach/Anchor transition when used in PCCP, was the sleeper slab properly constructed?	Structure Detail Drawings 2.01 Section B-B
36.		This work shall consist of furnishing and constructing reinforced concrete approach and anchor slabs for bridges, including all tools, equipment, labor, and materials. All work shall be in accordance with the details shown on the project plans and the requirements of these specifications.	2021 Standard Specification 601-3.03 (I) pg. 582
37.		Quantlist Minimum Frequency is being followed, One per Joint?	Construction Bulletin 07-01