

Form 700.01

Unique ID:

CONCRETE POUR INSPECTOR'S CHECKLIST



Status:

Date:

Project No:

File No:

Sub File No:

Structure Item:

Structure Location:

Inspector:

A. PLANS		Yes	No	N/A	Date Corrected
1.	Has inspector reviewed plans and special provisions affecting this concrete pour?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
2.	Does inspector understand plans and special provisions?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
3.	Have plans and / or special provisions that affect this pour been changed?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
B. FORMS		Yes	No	N/A	Date Corrected
4.	Are forms in proper location (grade and alignment)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
5.	Are form dimensions correct?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
6.	Have forms been braced and installed in accordance with any accepted shop plans?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
7.	If SIP forms are utilized, are all tack welds and screws in place as shown on shop plans?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
8.	Is all chamfer in place?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
9.	Have all form cracks been sealed?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
10.	Are forms clean and free of debris (dirt, wood chips, trash, etc.)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
11.	Has the deck screed been adjusted and have grades been set and checked?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
12.	Has a dry run check of deck screed been made? (Check that old concrete matches new header. Also, check depth of slab to be cast.) Notify Bridge Construction Engineer of all deficiencies over 1/2 inch.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
13.	Have drains been installed in forms as per plans (size and location)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

C. REINFORCING STEEL		Yes	No	N/A	Date Corrected
14.	Has reinforcing steel been sampled and approved? (DO NOT allow pour until rebar approval is received.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15.	Is all reinforcing steel stored properly (check continuously)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16.	Is all rebar clean (free of rust scale, pitting, no cracks in bends, breaks in epoxy or galvanized coatings)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17.	Has the rebar been placed as per plans (size and location)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18.	Is there proper clearance between rebar and forms?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19.	Does all rebar meet the specified cover?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20.	Has rebar been tied and supported (chairs) as per plans?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21.	Has anchor bolt layout been checked prior to casting concrete cap?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
D. CONCRETE		Yes	No	N/A	Date Corrected
22.	Have concrete trucks and plant been approved by Materials Lab within the last 12 months?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23.	Have the contract's hot and cold weather concrete batching and placement plans been accepted?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24.	Are all concrete materials approved (cement, water, additives, fine and coarse aggregates, etc.)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25.	Are there adequate men, equipment, materials and concrete trucks available for pour (a minimum of two vibrators and two deck foggers are required)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26.	Are adequate curing and concrete protection materials on hand (wet mats such as burlene, insulated blankets, external heaters with tarps, ice, etc)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27.	Does the contractor have materials for emergency bulkheads?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28.	Has the Materials Lab been notified for record sampling?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29.	Are slump and air test equipment, test cylinder molds and cylinder curing box available?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
30.	Have slump and air test been performed and have test cylinders been made as required?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
31.	Have all forms been wet down just prior to concrete placement?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
32.	Is the concrete truck mixing within specs (revolutions, air, slump, total water in mix, etc)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
33.	Is the concrete placed per the specs (no dropping above five feet and no segregation of concrete allowed)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
34.	Is the concrete vibrated properly? DO NOT use vibrator to move concrete from one place to another.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
35.	Has deck screed finished concrete adequately? Burlap drag is highly recommended immediately after screeding. Limit use of bull float. DO NOT SPRINKLE WATER ON DECK!	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
36.	Is curing of concrete ASAP? Placement of curing component and fogging of concrete deck should begin immediately after screeding operation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
37.	Has straight edge of sufficient length been used in finishing the ends and edges of deck to ensure the grades and slopes are maintained?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Remarks:

Resident Engineer:

Signature: _____ **Date:** _____