

Bridge Deck Construction Pre-Pour Checklist

PIN:	129888.00	Contract:	111887
County:	Wilson	Structure:	Lebanon Pedestrian Bridge
Federal Proj. No.:	STBG-M-1234(00)	Station:	
State Proj. No.:	95LPLM-F3-011	Lane/Span:	North
Reference:	15-00-0000	Contractor:	Allen & Son Pavers, LLC
	Hartsville Pike		
Project:	Resurfacing and Intersection Improvement Project		

Check forms

- Clean, free of major defects
- Mortar tight
- Line and grade
- Structurally adequate to insure minimum settlement in deck or overhang

Check rebar

- Clean
- Dimensionally correct (size and spacing)
- Supported per specs and Standard Drawing STD-9-1 (Note: Overhang may require different supports)
- Document rebar quantities in field book

Check screed rails and headers for line and grade

Check screed for camber, insure is correct for template

Make dry run with screed, check for correct slab thickness and rebar clearance. Document thickness and clearances in field book. (Note: Check mechanical condition of screed)

Check access to site for concrete trucks, have equipment on hand for towing, grading, etc., if required

Check concrete plant

- Up-to-date scales check
- Check concrete trucks to be sure on approved list, all revolution counters and water gauges working, and load does not exceed mixing capacity
- Insure enough approved trucks available to maintain required pouring rate
- Insure adequate supply of aggregates, cement, and additives are on hand for deck pour

Check to be sure Contractor has scheduled enough personnel to handle pour, including equipment mechanics

Have Contractor verify the availability and operability of all necessary equipment, including finishing machines, continuous water source or portable tanks, water distribution equipment, two work bridges, vibrators, sprayers, 12 ft. straightedge and appropriate backup items

Obtain material certifications for the curing compound and burlap, and for the polyethylene where applicable. Check to be sure an adequate supply of these curing materials is available



Where placement by pumping requires more than one setup, obtain proposed plan from the Contractor showing the locations of the pumping equipment, the location(s) of the leading edge of the concrete pour while repositioning the pumping equipment and a realistic time for each work delay anticipated while repositioning pumping equipment

Require the Contractor to designate which of the pumping configurations listed in Subsection 604.17(a) will be used at the end of the discharge line. No exceptions are to be made, other than alternative equipment proposed under Subsection 105.17 and approved in writing by the Division of Structures under the conditions of that Subsection

Have the Contractor designate his/her authorized representative who will be present and have the authority to represent the Contractor during the bridge deck pour

Hold Pre-Pour Conference to coordinate and confirm above items (Note: Place copy of Pre-pour conference minutes in project files)

Inspector: Jeremy Banks

Title: Bridge Engineer for PCI Consultants

Date: 2/20/19