



INTERNATIONAL BOUNDARY & WATER COMMISSION
CONCRETE PLACEMENT CARD

Contractor: _____ Contract Number: _____

Project _____ Placement No: _____

Structure/Feature Name: _____

Station: _____ to Station: _____ Description: _____

Mix Design ID _____ Allowable Slump MIN _____ in MAX _____ in

Strength _____ psi Allowable Air MIN _____ in MAX _____ in

Activity	Contractor		IBWC		Comments
	Initials	Date	Initials	Date	
Subgrade					
Fine Grade/Elevations					
Dimensions Verified					
Forms					
String Lines					
Chamfer Strips					
Reinforcing Steel					
Embedments					
Blockouts					
Dowels					
Joints					
Waterstops					
Safe Access					
Ladders/Steps					
Trash/Site Cleaned Up					
Subgrade Moist					
Placement Equip On Hand					
Curing Compound On Hand					
Protection/Blankets On Hand					
OKAY TO PLACE CONCRETE					

No concrete shall be placed until all of the above have been inspected and approved.

Placement Start Date: _____ Time: _____ Weather Temp: _____

Placement Completed Date: _____ Time: _____ Weather Temp: _____

Finishing Completed Date: _____ Time: _____ Weather Temp: _____

Weather conditions during placement: _____ Hot (>90°F) _____ Cold (<40°F)
 _____ Windy _____ Low Humidity _____ Raining _____ Other: _____

Concrete Placed: _____ cy # of Trucks: _____ # of Cylinders Taken: _____

Comments: _____

 Contractor's Representative Name

 USIBWC's Representative Name



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CONCRETE PLACEMENT CARD
INSTRUCTIONS

Contractor: Contractor's name Contract Number: 191BWC99C9999

Project Project name Placement No: 1

Structure/Feature Name: Structure or feature name **

Station: 2 to Station: 2 Description: 3

Mix Design ID 4 Allowable Slump MIN 5 in MAX 5 in

Strength 4 psi Allowable Air MIN 5 in MAX 5 in

*** When the placement will include multiple structures or multiple items within one structure, each item shall have its own sheet. For example, the placement will include the invert from Station 20+00 to 20+40, the riverside wall from Station 18+40 to 18+80, and the headwall at Station 16+23; each of these will have their own Concrete Placement Card completed. ***

- 1. PLACEMENT NUMBER:** Usually all concrete placed in one day is considered one placement. Multiple placements within one day are only different placements if the crew is required to shut down at one site and move to a completely different site. Adjust each subsequent placement with a one-up number.
- 2. STATION:** Enter the beginning and ending station of the concrete placement.
- 3. DESCRIPTION:** Provide a detailed location and limits of placement that cannot be identified by stationing alone.
- 4. MIX DESIGN ID and STRENGTH:** Enter mix design name or identification number. Provide required concrete strength.
- 5. SLUMP and AIR CONTENT:** Enter allowable slump and air content range based upon the specifications and compliance confirmed mix.
- 6. ACTIVITY CHECK LIST**
 - Subgrade** - Confirm that subgrade has been placed and compacted per Contract requirements.
 - Fine Grade/Elevations** - Confirm that subgrade and form elevations are correct and have been surveyed.
 - Dimensions Verified** - Confirm that proposed concrete dimensions are correct.
 - Forms** - Confirm that forms have been constructed properly.
 - String Line** - Confirm that string line or other top of concrete mechanism is in place and at correct elevation.
 - Chamfer Strips** - Confirm that chamfer strips have been installed at all required locations.
 - Reinforcing Steel** - Confirm that reinforcing steel matches drawings or that any changes have been noted on "red-lines."
Also confirm that clear cover is correct and that chairs/blocks have been installed properly.
 - Embedments** - Confirm that embedments are set properly in forms or are available for easy installation.
 - Blockouts** - Confirm that blockout dimensions and locations are correct.
 - Dowels** - Confirm that the correct type and size of dowels are ready and that dowels are set at 90° to forms.
 - Joints** - Confirm that joint materials and spacers have been properly installed.
 - Waterstops** - Confirm that waterstops have been placed at the correct locations.
 - Safe Access** - Confirm that safe access is available for all workers during and after concrete placement.
 - Ladders/Steps** - Confirm that ladders and/or steps have been provided for workers to maneuver around forms.
 - Trash/Site Cleaned Up** - Confirm that all trash, wood, tie wires, etc. have been picked up from within the forms.
 - Subgrade Moist** - Confirm that site has been wetted down, if applicable due to weather.
 - Placement Equip On Hand** - Confirm that trowels, floats, screeds, brooms, vibrators, etc. are on hand & in working condition.
 - Curing Compound On Hand** - Confirm that curing compound is available in sufficient quantity.
 - Protection/Blankets On Hand** - Confirms that blankets, plastic sheeting, etc. are on hand if required by weather.
- 7. DATES, TIME, and WEATHER TEMPERATURE:** Enter the dates and times when the placement for the structure/feature identified on this form starts, ends, and when finishing is complete. Also note the air temperature at these times.
- 8. WEATHER CONDITIONS DURING PLACEMENT:** Check appropriate boxes for weather conditions during placement. See ACI 305R for hot, dry, windy, and/or low humidity weather and 306R for cold weather placement.
- 9. PLACEMENT DETAILS:** Provide number of cubic yards placed in this structure/feature, the number of trucks used, and the number of cylinders taken. If the placement covers multiple structures/features, then the cubic yards placed can be estimated.
- 10. COMMENTS:** Note any significant items during placement.
- 11. NAMES:** Enter the names of the two individuals that completed the check list.