Concrete Pour Records

General
The following forms are used by the Office of Structure Construction to facilitate record keeping in connection with concrete used in structure work:

Form DH-OS C72  Field Record for Concrete Pours  Used by concrete inspector to record pour data. Use is optional.

Form DS-C73  Concrete Pour Record  Used to summarize and record data for each concrete pour. File Category 48.

Field Record for Concrete Pours (Form DH-OS C72)
Form DH-OS C72 is intended especially for use by field personnel assigned to inspection of concrete work: The form is pocket-size to facilitate its use in the field.

When concrete is batched away from the jobsite and delivered on the job in transit-mix or pre-mixed trucks, delivery tickets should be picked up by the inspector from the truck driver. Following completion of the pour, any information needed from the delivery tickets should be entered on Form DH-OS C72, if used, and the completed form along with the delivery tickets will be stapled together and filed by pour number in a suitable box.

Concrete Pour Record (Form DS-C73)
Form DS-C73 is the permanent record of each concrete pour, and all pertinent information should therefore be entered on the form. It may be prepared from information previously recorded on Form DH-OS C72. A separate “Concrete Pour Record”, Form DS-C73 is required for each pour. “Concrete Pour Records” should be numbered consecutively for each concrete item on each structure. Space has been provided for entering the numbers of the Vendor's Certificates of Compliance. Note that it is important to substantiate all concrete waste. Waste due to form variation should be substantiated by showing actual calculations, even if they are of necessity only approximate. Waste outside of the forms (spilled, dumped, left in truck, rejected, etc.) should be described and estimated as accurately as possible.

The “Concrete Pour Record” provides space for showing the final authorized pay quantity of one concrete item at one structure, and also for showing the total quantity paid to date for the same concrete item at the same structure. A comparison of these figures will provide the necessary information to prevent an overpayment for the item.
On contracts having structures with large quantities of concrete, and where it takes extended periods of time to complete the structures, consideration should be given to increasing the pay quantity of each pour by the amount of the volume of any encased reinforcing steel.

The “Concrete Pour Record” is to be filed in Category 48 with the pay quantity being posted directly to the “Contract Input Transactions Sheet”, Form HC-34. See Attachment No. 1 for a sample of a completed Concrete Placing Record, Form DS-C73. Department of Transportation Concrete Pour Record DS-C73 (Rev. 5-2-77)
Department of Transportation  
CONCRETE POUR RECORD  
DS-C73 (Rev. 5-2-77)  

Sheet No. 48-53-3 - P  

Bridge Name:_pyromic Creek_  
Bridge No.: 16-44  
Item No. and Description: 53-Structural Concrete, Bridge Footing  
Date: 8-2-84  
Mix No.: 1  
Cert. of Compliance No.: T-74156  

Pour Location: Pier No. 4 Footing  

Admixture Used: Pozzolith 300 R Amount 3 oz/bag  
Air Entraining Agent: None Amount 7% Air Required: None  

Pour Inspected By: B. Jones  
Samples Taken By: G. Smith  

Sample Numbers: 1-28-1/2  

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<tbody>
<tr>
<td>0200</td>
<td>1</td>
<td>T-162</td>
<td>70°</td>
<td>65°</td>
<td>2&quot;-1/4&quot;-2&quot;</td>
<td>2&quot;</td>
<td>G. Smith</td>
<td></td>
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<tr>
<td>0145</td>
<td>5</td>
<td>T-114</td>
<td>72°</td>
<td>66°</td>
<td>2/4&quot;-2&quot;-1/4&quot;</td>
<td>2&quot;</td>
<td>G. Smith</td>
<td></td>
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</tbody>
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Remarks: Concrete was chuteed directly into forms from truck.  
Vibrator breakdown delayed pour for 1/2 hour after second load.  

WASTE OUTSIDE FORMS - EXPLAIN  
1.50 CY left in last truck  
0.50 CY spilled on ground  

Plan Pay Quant.-This Item-This Br. + or - Due to CCO's  
Final Pay Quant.-This Item-This Br.  
Quant. Prev. Paid-This Item-This Br.  
Pay Quantity-This Pour  
Total Quant. To Date-This Item-This Br.  

Pour Record Info Entered By: B. Jones  

<table>
<thead>
<tr>
<th>WASTE INSIDE FORMS - SUBSTANTIATE</th>
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<tbody>
<tr>
<td>Fig. aver. 0.1&quot; over depth (20)(20)(0.1) = 1.50 CY</td>
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</tbody>
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Quantity Delivered: 810.0 CY  
Quantity Rejected: 63.0 CY  
Waste in Forms: 1.5 CY  
Waste Outside Forms: 2.0 CY  
Net = Pay Quant.: 79.5 CY  
This Pour: 59.5 CY  

Sheet No.: 003  
Line No.: 10  
Date: 8-3-84  

By: I. Enfield  

BCM 4-58  
ATTACHMENT NO. 1  
12/28/84  
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