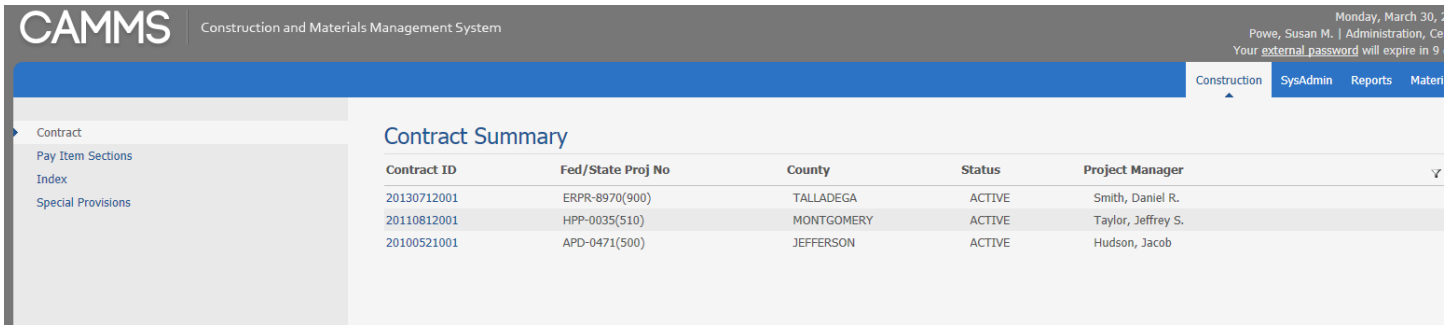


Construction – Entering Concrete Placement & Testing Reports

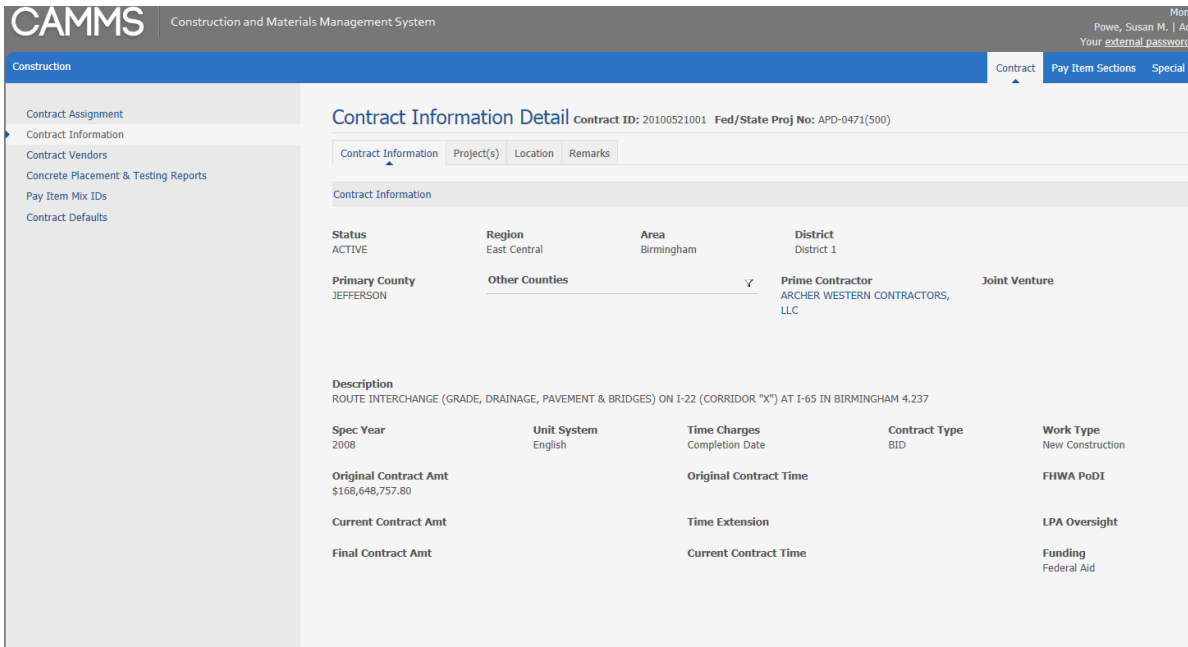
Purpose: This process allows Construction field personnel to add and view report data for a concrete pour and cylinder field testing.

To access the **Concrete Placement and Testing Reports** process, click on the CAMMS icon  to return to the home page. Select the **Construction** category tab; this will open the **Contract Summary** window.



Contract ID	Fed/State Proj No	County	Status	Project Manager
20130712001	ERPR-8970(900)	TALLADEGA	ACTIVE	Smith, Daniel R.
20110812001	HPP-0035(510)	MONTGOMERY	ACTIVE	Taylor, Jeffrey S.
20100521001	APD-0471(500)	JEFFERSON	ACTIVE	Hudson, Jacob

Click a **Contract ID** link to open that record in the **Contract Information Detail** window.



Status	Region	Area	District
ACTIVE	East Central	Birmingham	District 1

Primary County	Other Counties	Prime Contractor	Joint Venture
JEFFERSON		ARCHER WESTERN CONTRACTORS, LLC	

Description
ROUTE INTERCHANGE (GRADE, DRAINAGE, PAVEMENT & BRIDGES) ON I-22 (CORRIDOR "X") AT I-65 IN BIRMINGHAM 4.237

Spec Year	Unit System	Time Charges	Contract Type	Work Type
2008	English	Completion Date	BID	New Construction

Original Contract Amt	Original Contract Time	FHWA PoDI
\$168,648,757.80		

Current Contract Amt	Time Extension	LPA Oversight

Final Contract Amt	Current Contract Time	Funding
		Federal Aid

Select the **Concrete Placement & Testing Reports** subprocess on the left side of your window.

This will open the **Concrete Placement & Testing Reports Summary** window.

CAMMS Construction and Materials Management System Thursday, February 19, 2015
Pollard, Becky | Computer Services, Central

Construction Contract Index Special Provisions Equipment Pay Item Sections

Contract Assignment
Contract Information
Contract Provisions
Contract Equipment
Contract Vendors
Concrete Placement & Testing Reports
Pay Item Mix IDs

Concrete Placement & Testing Reports Summary

Contract ID: 20141205046 Fed/State Proj No: NH-0009(555)

Report ID	Pour Date	Project No	Mix ID	Pay Item	Status	
36917	02/13/2015	NH-0009(555)	DS1-001-11	206C002 Removing Concrete Slope Paving	Pending Tests	Detail

If you only want to view the information for this pour/report, you can click on **Detail**.

NOTE: You can access the **BMT-174** report under the **Report ID** column.

Another example:

CAMMS Construction and Materials Management System Wednesday, April 01, 2015
Powe, Susan M. | Administration, Central

Construction Contract Equipment Pay Item Sections Index

Contract Assignment
[Contract Information](#)
Contract Provisions
Contract Equipment
Contract Vendors
Concrete Placement & Testing Reports
Pay Item Mix IDs
Contract Defaults

Concrete Placement & Testing Reports Summary

Contract ID: 20100521001 Fed/State Proj No: APD-0471(500)

Report ID	Pour Date	Mix ID	Pay Item(s)	Status	
77682 (03-00494-2012)	12/31/2012	FRM-164-11	104G999 APD-ACAPD-0471(501) Conversion	Pending Tests	Detail
70957 (03-00707-2010)	12/30/2010	--	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
73376 (03-00732-2011)	12/29/2011	FRM-109-11	104G999 APD-0471(500) Conversion	Reviewed	Detail
73347 (03-00731-2011)	12/29/2011	FRM-109-11	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
73346 (03-00730-2011)	12/29/2011	FRM-109-11	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
70889 (03-00706-2010)	12/28/2010	--	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
73495 (03-00728-2011)	12/22/2011	FRM-109-11	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
73445 (03-00726-2011)	12/21/2011	FRM-109-11	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
73444 (03-00725-2011)	12/21/2011	FRM-109-11	104G999 APD-0471(500) Conversion	Reviewed	Detail
69560 (03-00704-2010)	12/21/2010	--	104G999 APD-ACAPD-0471(501) Conversion	Reviewed	Detail
73351 (03-00723-2011)	12/20/2011	FRM-109-11	104G999 APD-0471(500) Conversion	Reviewed	Detail
69746 (03-00701-2010)	12/20/2010	--	104G999 APD-0471(500) Conversion	Pending Tests	Detail
82934 (03-00794-2014)	12/19/2014	FRM-103-14	104G999 APD-ACAPD-0471(501) Conversion	Pending Tests	Detail

Add a new Concrete Placement & Testing Report (General Info)

To add a new report, click the **Add** link in the upper right-hand corner of the **CP&TR Summary** screen. This will take you to the **Concrete Placement & Testing Report Add** window. (This is similar to the CMS window where general info is entered).

Construction

Contract Pay Item Sections Special Pro

Concrete Placement & Testing Reports Add

Contract ID: 20100521001 Fed/State Proj No: APD-0471(500)

Pour Date* 05/07/2015 **Place Temp Start (°F)*** 44 **Place Temp End (°F)*** 55 **Weather*** Hail

Amount Supplied (CUYD)* 33 **Amount Placed (CUYD)*** 32 **Pour Start Time*** 11:00 AM **Pour End Time*** 12:00 PM

Curing Field* Cylinder Curing Box **Curing Temp Low (°F)*** 45 **Curing Temp High (°F)*** 46 **Curing Structure*** Moist Curing

Mix ID* FRM-102-14

Pay Item*

Available

- 524A011 | APD-ACAPD-0471(501) | Culvert Concrete (Cast In Place)
- 524B011 | APD-ACAPD-0471(501) | Culvert Concrete Ext (Cast In Place)
- 529A020 | APD-ACAPD-0471(501) | Retaining Wall #
- 529A022 | APD-ACAPD-0471(501) | Retaining Wall #
- 529A024 | APD-ACAPD-0471(501) | Retaining Wall #
- 529A026 | APD-ACAPD-0471(501) | Retaining Wall #
- 529A028 | APD-ACAPD-0471(501) | Retaining Wall #
- 529A029 | APD-ACAPD-0471(501) | Retaining Wall #
- 629A023 | APD-ACAPD-0471(501) | Con Med Saf Bar. Type 5 (Spec)
- 629A058 | APD-ACAPD-0471(501) | Ccr Med Or Safety Barrier, TY GS-54
- 629A072 | APD-ACAPD-0471(501) | Conc Med Or Safety Barr. Ty GS-54

Selected

- 629A005 | APD-ACAPD-0471(501) | Concr Median Or Safe Barr. Type 4A
- 629A048 | APD-ACAPD-0471(501) | Conc Med Safety Barrier Ty 1(Reinfor

*Indicates a required field

Save Cancel

Select from dropdown list or enter the necessary information. Click **Save**.

NOTE: All fields in this window are required fields. Also, all fields that are English measurements can be Metric if the project is a Metric project.

This will take you to the **General Info** tab on the **Concrete Placement & Testing Report Detail** window:

Construction

Contract Equipment Pay Item Sections Index

Concrete Placement & Testing Reports Detail

Contract ID: 20100521001 Fed/State Proj No: APD-0471(500) Report ID: 73376 BMT-174 Status: Reviewed

Concrete Placement & Testing Reports Summary

General Info Field Info Lab Info Remarks

General Info Edit

Pour Date 12/29/2011 **Place Temp Start (°F)** 62 **Place Temp End (°F)** 63 **Weather** Clear

Amount Supplied (CUYD) 12 **Amount Placed (CUYD)** 12 **Pour Start Time** 12:08 PM **Pour End Time** 1:08 PM

Curing Field Cylinder Curing Box **Curing Temp Low (°F)** 71 **Curing Temp High (°F)** 73 **Curing Structure** Curing Compound

Mix ID FRM-109-11

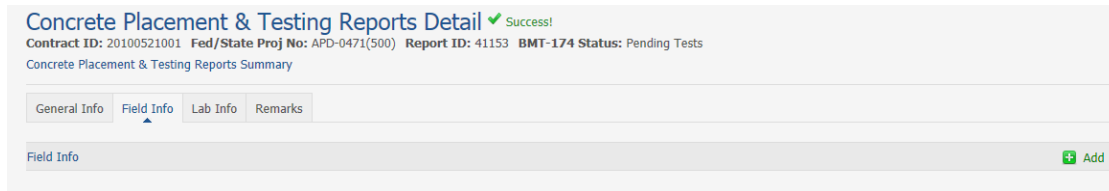
Pay Item(s) 104G999 | APD-0471(500) | Conversion

Reviewed by on 03/24/2015

You can make any necessary edits by clicking **Edit**.

Add Field Info (Cylinders)

Click on the **Field Info** tab on the **Concrete Placement & Testing Report Detail** window.

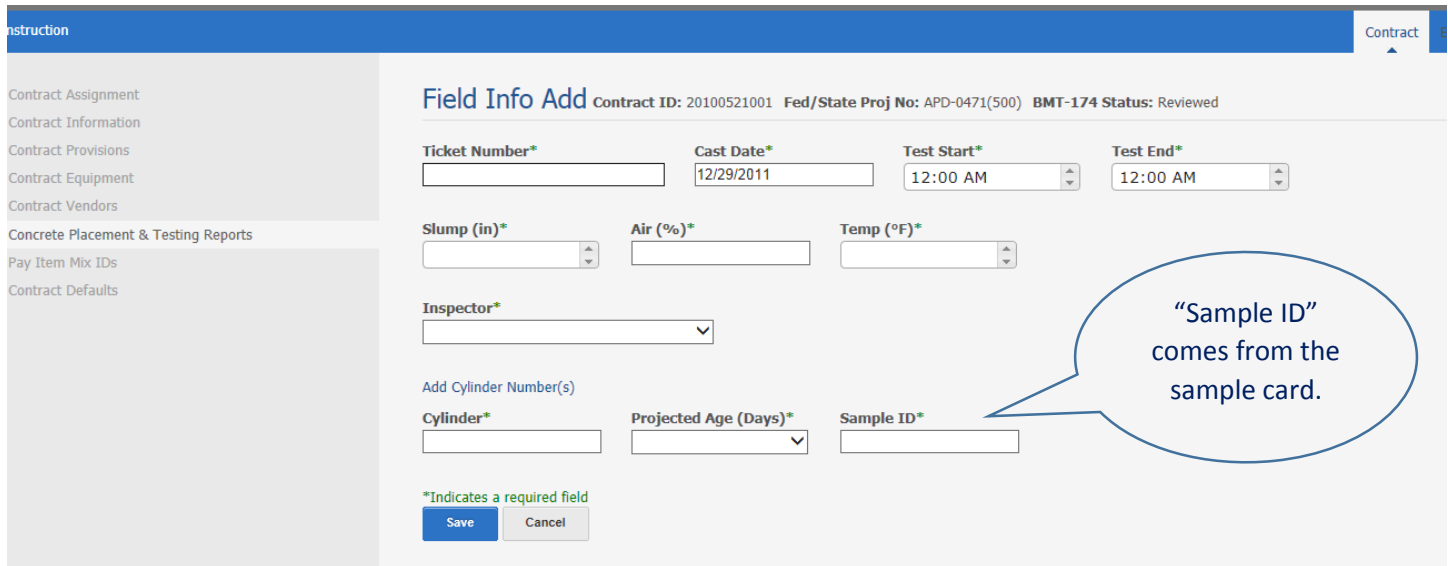


Concrete Placement & Testing Reports Detail ✔ Success!
Contract ID: 20100521001 Fed/State Proj No: APD-0471(500) Report ID: 41153 BMT-174 Status: Pending Tests
Concrete Placement & Testing Reports Summary

General Info **Field Info** Lab Info Remarks

Field Info + Add

Click **Add** to add field information.



Field Info Add Contract ID: 20100521001 Fed/State Proj No: APD-0471(500) BMT-174 Status: Reviewed

Ticket Number* Cast Date* Test Start* Test End*

Slump (in)* Air (%)* Temp (°F)*

Inspector*

Add Cylinder Number(s)

Cylinder* Projected Age (Days)* Sample ID*

*Indicates a required field

“Sample ID” comes from the sample card.

Select from drop down list or enter the necessary information.

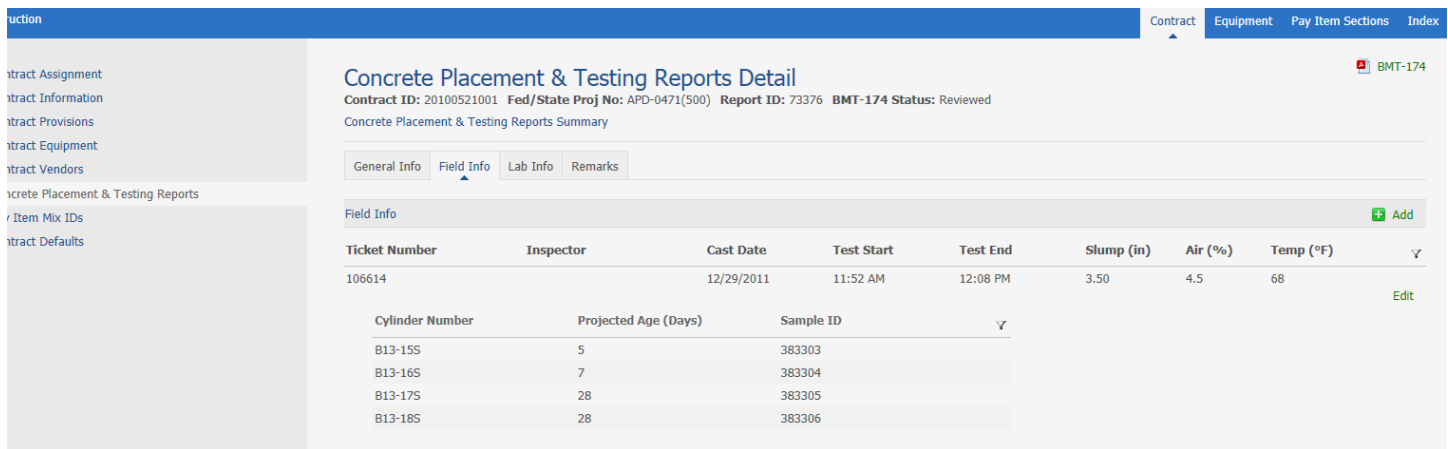
Click on “**Add Cylinder Number(s)**” to add additional cylinders. Click **Save**.

Note: All fields in this window are required fields.

Inspectors will show up on the list if they are assigned to contract and ALDOT Conc Tech certified.

Test Start time must be after **Pour Start** time. (Pour starts when you begin your testing)

This will take you to the **Field Info** tab where the information will be displayed:



Concrete Placement & Testing Reports Detail BMT-174
Contract ID: 20100521001 Fed/State Proj No: APD-0471(500) Report ID: 73376 BMT-174 Status: Reviewed
Concrete Placement & Testing Reports Summary

General Info **Field Info** Lab Info Remarks

Field Info + Add

Ticket Number	Inspector	Cast Date	Test Start	Test End	Slump (in)	Air (%)	Temp (°F)	
106614		12/29/2011	11:52 AM	12:08 PM	3.50	4.5	68	

Cylinder Number	Projected Age (Days)	Sample ID	
B13-155	5	383303	
B13-165	7	383304	
B13-175	28	383305	
B13-185	28	383306	

You can make any necessary edits by clicking **Edit**.

You can add another Ticket/Cylinders for this pour by clicking **Add**.

You can also access the **BMT-174** report here in the upper right corner.

Viewing the BMT-174 Report

Click the **BMT-174** link in the upper right-hand corner of the **CP&TR Detail** window.

NOTE: You will have the option to Open, Save, or Cancel the download process. The popup window on your computer window may be different from the one displayed in this screen shot, depending on your browser or report reviewing program.

Two examples of **BMT-174** report:

This is the new CAMMS report. This version will be available if the info was entered or edited in CAMMS.



Robert Bentley
Governor

Alabama Department of Transportation
Concrete Placement and Testing Report
BMT-174 Pending Review

Report ID: 41104 Pour Date: 04/09/2015



John R. Cooper
Transportation Director

Project No: NHF-0006(521)

Project Manager: Strawn, Larry M.

Class/Type Concrete: Class A

Method of Curing in Structure: Other Method

Cylinder Field Curing Method: Cylinder Curing Box

Time Placing Started/Completed: 02:59 PM / 03:40 PM

Supplied/Placed This Date: 27 CuYd / 27 CuYd

Area: Tuscaloosa

County: PICKENS

Prime Contractor: 11249 W. S. NEWELL & SONS, INC.

Ready Mix Supplier: Bama Concrete Products Co., Inc. - 10019 Tuscaloosa Plant

Weather: Partly Cloudy

Ambient Placement Temp Begin/End: 81 F / 81 F

Cylinder Field Curing Temp Low/High: 68 F / 71 F

Mix ID: FRM-109-12

Test Records

Test Records															
Ticket No: 1074788		Test Start: 02:59 PM		Test End: 03:40 PM		Slump (in): 3.50		Air %: 4.5		Temp (F): 81		Cast Date: 04/09/2015		Inspector: 11023 Renforth, Terry	
Sample ID	Cylinder No	Cylinder Received Date	Test Date	Age	Average Diameter	Length	X-Section Area (sqin)	Total Applied Load	Req'd Strength (psi)	Actual Strength (psi)	Fracture Type	Lab Technician	Lab Remarks		
604640	BC-1	04/10/2015	04/12/2015	3	6.00	12.0	28.27	88530	3,000	3130	Type 5	13165 Porter, Andrew	N/A		
604641	BC-1a	04/10/2015	04/16/2015	7	6.00	12.0	28.27	113170	3,000	4000	Type 5	13165 Porter, Andrew	N/A		
604643	BC-1c	04/10/2015	05/07/2015	28	6.00	12.0	28.27	152590	3,000	5400	Type 2	13165 Porter, Andrew	N/A		
604642	BC-1b	04/10/2015	05/07/2015	28	6.00	12.0	28.27	149890	3,000	5300	Type 2	13165 Porter, Andrew	N/A		

Pay Item(s): 5248011 Culvert Concrete Ext (Cast In Place)

Reviewed by:

General Remarks:

Disclaimer: All tests are in accordance with applicable AASHTO and ASTM specifications: C-31, C-39, C-143, C-172, C-173, C-231, C-617, C-1064, and C1231.

This is the old CMS version of the report. It will display when all entry was done in CMS.



BMT - 174
FINAL

Alabama Department of Transportation
Concrete Placement and Testing Report
Report Number: 03-00732-2011 Report Date: 12/29/2011

Distribution: Project Engineer
Division Engineer



Project Number: APD 0471 (500)
Project Manager: DONNIE PINION
Structure Description: BRIDGE 13
Part of Struct Placed: SPAN 12 INTER/13 END DIAPHRAGMS

Division: 03
County: JEFFERSON
Contractor: ARCHER WESTERN
Ready Mix Supplier: Kirkpatrick Concrete, Inc. - Mt. Olive, AL (Vendor #: 318)

Last Modified By: sull3319
Date Modified:

Class / Type Concrete: AF-1c Job Mix Number: FRM-109-11 Weather: Clear
Method of Curing in Structure: Curing Compound Ambient Placement Temp Begin: 62.0F End: 63.0F
Cylinder Field Curing Method: Cylinder Curing Box Cylinder Field Curing Temp Low: 71.0F High: 73.0F
Time Placing Started / Completed: 12:08 PM / 01:08 PM

Supplied This Date/To Date: 12.00 CuYd / 630.00 CuYd General Remarks:
Placed This Date/To Date: 12.00CuYd / 590.00 CuYd

MICHAEL MAHAFFEY
DIVISION CONSTRUCTION ENGINEER
Field Test Record

Inspector: MELISSA SUCHEY
Reviewed By: JACOB HUDSON

Ticket Number	Site Manager Sample Id	Test Start	Test End	Slump (in)	Air %	Temp (F)	Cyl Cast Date	Cylinder Number	Age	Tech Id/Name
106614	383303	11:52 AM	12:08 PM	3.50	4.5	68	12/29/11	B13-15S	5	(T0544-10) SUCHEY, MELISSA
106614	383304	11:52 AM	12:08 PM	3.50	4.5	68	12/29/11	B13-16S	7	(T0544-10) SUCHEY, MELISSA
106614	383305	11:52 AM	12:08 PM	3.50	4.5	68	12/29/11	B13-17S	28	(T0544-10) SUCHEY, MELISSA
106614	383306	11:52 AM	12:08 PM	3.50	4.5	68	12/29/11	B13-18S	28	(T0544-10) SUCHEY, MELISSA

JOSEPH BLANKENSHIP
DIVISION MATERIALS ENGINEER
Lab Test Record

Reviewed By: BENJAMIN MERCER

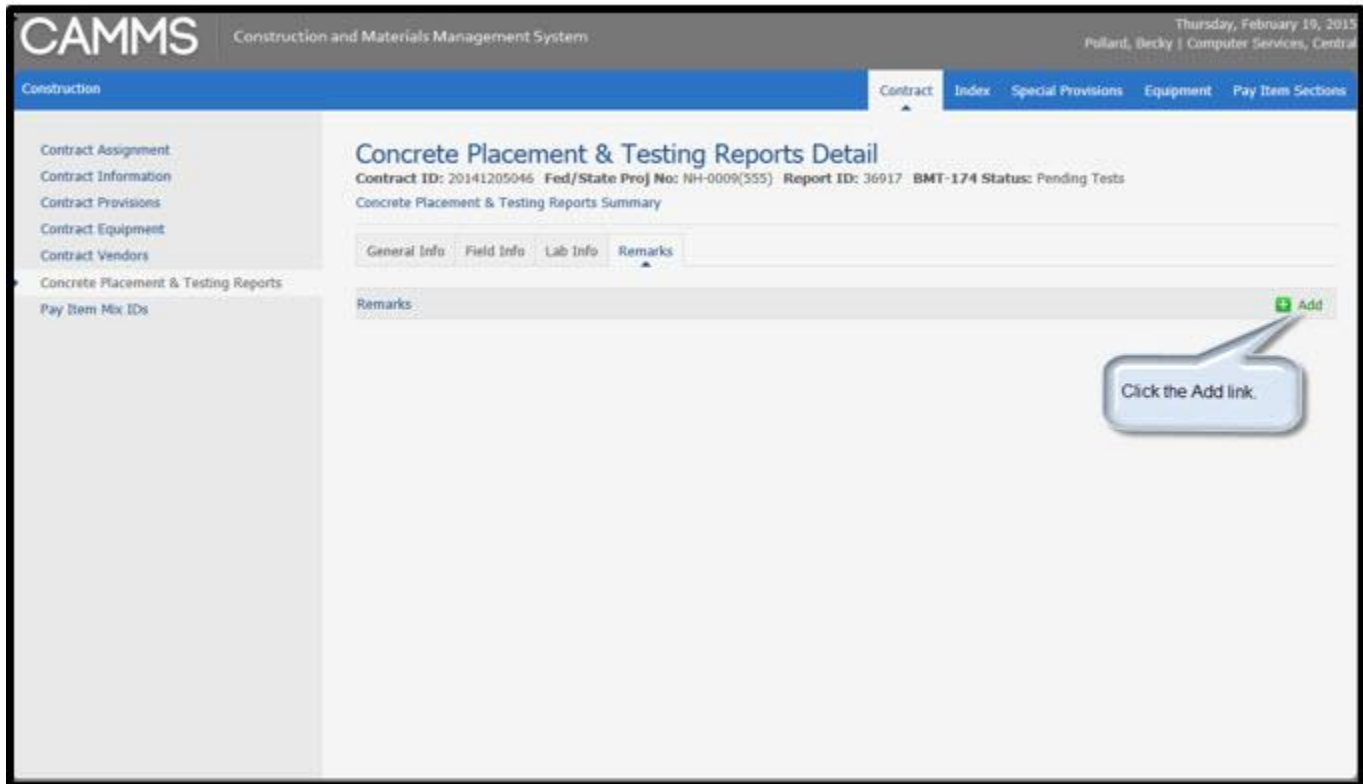
Cylinder Number	Cylinder Received Date	Test Date	Age	Average Diameter	Length	X-Section Area (sqin)	Total Applied Load	Comprs Strength (psi)	Actual	Fracture Type	Tech Id/Name	Remarks
B13-15S	12/30/11	01/03/12	5	6x12		28.27	106930	4000	3780.0	E	(S1974-10) No Technician Loaded	N/A
B13-16S	12/30/11	01/05/12	7	6x12		28.27	113780	4000	4030.0	E	(S1974-10) No Technician Loaded	N/A
B13-17S	12/30/11	01/26/12	28	6x12		28.27	165540	4000	5860.0	E	(S1974-10) No Technician Loaded	N/A
B13-18S	12/30/11	01/26/12	28	6x12		28.27	151500	4000	5360.0	E	(S1974-10) No Technician Loaded	N/A

Remarks: All tests are in accordance with applicable AASHTO and ASTM specifications: C-31, C-39, C-143, C-172, C-173, C-231, C-617, C-1064 and C-1231.

Remarks Tab:

The **Remark** field can be used to add any necessary comments or remarks about the testing.

To add a remark, click the **Add** link. This will take you to the **Remark Add** window.



The screenshot displays the CAMMS (Construction and Materials Management System) interface. The top header shows the CAMMS logo, the system name, and the date 'Thursday, February 19, 2015'. The main navigation bar includes 'Construction', 'Contract', 'Index', 'Special Provisions', 'Equipment', and 'Pay Item Sections'. The left sidebar lists various menu items, with 'Concrete Placement & Testing Reports' selected. The main content area is titled 'Concrete Placement & Testing Reports Detail' and includes contract information: 'Contract ID: 20141205046', 'Fed/State Proj No: NH-0009(555)', 'Report ID: 36917', and 'BMT-174 Status: Pending Tests'. Below this is a 'Concrete Placement & Testing Reports Summary' section with tabs for 'General Info', 'Field Info', 'Lab Info', and 'Remarks'. The 'Remarks' tab is active, showing a text input field and an 'Add' link. A callout box with the text 'Click the Add link.' points to the 'Add' link.

Make the necessary remarks, click the **Save** button to store the changes in the system.