

Some Recent Changes

- ▶ Changes to the Materials Tracking(MTS/MIT) Prefix 905 – Draft Example
- ▶ Activity Reporting System (ARS)/Certifications Management
- ▶ Legislative Audit Bureau (LAB) Findings
- ▶ Materials Certification Process





“Not everything that is faced can be changed. But nothing can be changed until it is faced.”

James Arthur Baldwin



Prefix 905 Changes (Draft)

Add / Edit a Materials Diary Inspection

Prev Next

* Date of Inspection: 00/00/00

* Bid Item Number: Select

* Bid Item Description:

Product Name:

* Manufacturer Name:

* Manufacturer Location:
(City and State)

* Evaluation / Basis for Acceptance:

* Quantity: 0 * Units:

* Satisfactory:

* Inspector's Name:

Required fields

Documents included in Material Records

<input type="checkbox"/> MFG Certification	<input type="checkbox"/> QMP Plan
<input type="checkbox"/> Certification of Test	<input type="checkbox"/> WISDOT Test
<input type="checkbox"/> Buy America	<input type="checkbox"/> QC Test
<input type="checkbox"/> Product Data	<input type="checkbox"/> Other
<input type="checkbox"/> PAL	(Note above)

Delete Save Save and Add Another Close



Prefix 905 Changes (Draft)

Add / Edit a Materials Diary Inspection

Prev Next

* Date of Inspection: 00/00/00

* Bid Item Number: Select

* Bid Item Description:

* Product Name:

* Manufacturer Name:

* Manufacturer Location:
(City and State)

* Evaluation / Basis for Acceptance:

* Quantity: 0 * Units:

* Satisfactory:

* Inspector's Name:

Required fields

Documents included in Material Records

<input checked="" type="checkbox"/> MFG Certification	Doc ID: <input type="text"/>	<input checked="" type="checkbox"/> QMP Plan	Doc ID: <input type="text"/>
<input checked="" type="checkbox"/> Certification of Test	Doc ID: <input type="text"/>	<input checked="" type="checkbox"/> WISDOT Test	Doc ID: <input type="text"/>
<input checked="" type="checkbox"/> Buy America	Doc ID: <input type="text"/>	<input checked="" type="checkbox"/> QC Test	Doc ID: <input type="text"/>
<input checked="" type="checkbox"/> Product Data	Doc ID: <input type="text"/>	<input checked="" type="checkbox"/> Other	Doc ID: <input type="text"/>
<input checked="" type="checkbox"/> PAL	Doc ID: <input type="text"/>	(Note above)	

Delete Save Save and Add Another Close



Prefix 905 Report (Draft Example)

Add / Edit a Materials Diary Inspection

Prev Next

* Date of Inspection: 12/22/14

* Bid Item Number: 305.0110 Select

* Bid Item Description: BASE AGGREGATE DENSE 3/4-INCH

* Product Name: PRODUCT NAME BA DENSE 3/4

* Manufacturer Name: MFG NAME OF 3/4 DENSE BA

* Manufacturer Location: MADISON, WI
(City and State)

* Evaluation / Basis for Acceptance: Eval of basis for acceptance

* Quantity: 6 Units: DAY(s)

* Satisfactory: Yes

* Inspector's Name: INSPECTOR GADGET

Required fields 1

Documents included in Material Records

<input checked="" type="checkbox"/> MFG Certification	Doc ID: mwmwmwmwmfmfg cert 1001.01	<input checked="" type="checkbox"/> QMP Plan / Approved List	Doc ID: 2234567890223456789022345
<input checked="" type="checkbox"/> Certified Report of Test	Doc ID: 5555567890223456789022345	<input checked="" type="checkbox"/> WISDOT Test	Doc ID: WisDOT test number 123456
<input checked="" type="checkbox"/> Buy America (WS 4567)	Doc ID: Buy USA 102.003	<input checked="" type="checkbox"/> QC Test/Source/Shop Inspection	Doc ID: SHP doc 001
<input type="checkbox"/> Product Data Sheets		<input type="checkbox"/> Other	(Note above)
<input checked="" type="checkbox"/> PAL	Doc ID: Pal doc id 123456		

Delete Save Save and Add Another Close



Prefix 905 Report (Draft Example)

Page 1 of 2

Test Number: 484.458 - 905 - 0001 - 2014

Materials Laboratory Testing System Test On:
Materials Diary Inspection

Lab Site:
HDR Engineering, Inc.
Site 1
701 Xenia Avenue South Suite 600
Minneapolis, MN 55416-3636

Main Project ID: 1029-00-61
OSSEO - BLACK RIVER FALLS
S FORK BUFFALO RIVER - 1 MI E OF 8TH 121
194

Date Entered: 12/15/14 **By:** Laura Denzinski / 103394

Category: QUALITY TESTS

Bid Item	Inspection Date	Bid Item Description	Manufacturer Name Location	Quantity	Satisfactory
201.0105	12/15/14	CLEARING	MFG NAME CLEARING MONROE, WI	5 EACH	Y

Inspected By: INSPECTOR CLUSO

Product Name: PN CLEARING

Basis for Acceptance:
EVAL BASIS FOR ACCEPTANCE

Documents Included in Material Records

<input type="checkbox"/> Mfg Cert	<input type="checkbox"/> CMP Plan / Approved List
<input checked="" type="checkbox"/> Certified Test of Report Doc Id: CERT OF TEST 112129	<input checked="" type="checkbox"/> WISDOT Test Doc Id: 129.456-130-001-2014
<input type="checkbox"/> Buy America (WS 4567)	<input checked="" type="checkbox"/> QC Test/Source/Shop Inspection Doc Id: 987.654-130-010-2014
<input checked="" type="checkbox"/> Prod Data Sheets Doc Id: PROD DATA 12945678	<input type="checkbox"/> Other
<input type="checkbox"/> PAL	

305.0110	12/22/14	BASEAGGREGATE DENSE 3/4-INCH	MFG NAME OF 3/4 DENSE BA MADISON, WI	6 DAY(s)	Y
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Inspected By: INSPECTOR GADGET

Product Name: PRODUCT NAME BA DENSE 3/4

Basis for Acceptance:
Eval of basis for acceptance

Documents Included in Material Records

<input checked="" type="checkbox"/> Mfg Cert Doc Id: mwmwmwmwm/mfg cert 1001.01	<input checked="" type="checkbox"/> CMP Plan / Approved List Doc Id: 2294567890229456789022945
<input checked="" type="checkbox"/> Certified Test of Report Doc Id: 5555567890229456789022945	<input checked="" type="checkbox"/> WISDOT Test Doc Id: WISDOT test number 129456
<input checked="" type="checkbox"/> Buy America (WS 4567) Doc Id: Buy USA 102.003	<input checked="" type="checkbox"/> QC Test/Source/Shop Inspection Doc Id: SHP doc 001
<input type="checkbox"/> Prod Data Sheets	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> PAL Doc Id: Pal doc id 129456	



Activity Reporting System(ARS) and Certifications Management

- ▶ ARS-Useful to track materials reporting progress on a project
- ▶ Can be used to view testing and sampling for a given individual
- ▶ Certifications Management is a proposed system to assist with projects tracking of active samplers and testers to facilitate our Independent Assurance Program requirements



Activity Reporting System



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Activity and Certifications Reporting System

Search Activity Reports

Select an option below to view reports. Note that, partial entries for Project/Contract ID, description and names are also allowed.

Project ID

Contract ID

Project Description

Person Name



Activity Reporting System

Activity for Project 1206-07-77

Printed: 02/05/2015 16:19

Description: S Madison Beltline / Raymond Road To Seminole Highway Phase 1

Contract ID: 20130514008

Vendor: Zenith Tech., Inc. - Waukesha

Awarded: 05/23/2013

Executed: 06/05/2013

Construction Began: 07/01/2013

Completed: 10/29/2014

Address:

Directions:

Office: (608) 277-0878

Cell:

Fax:

Leader: Paul Watry

Cell #: (414) 788-8250

Email: pwatry@bloomcos.com

Manager: Christopher Fredrick

Cell #: (608) 516-7129

Email: christopher.fredrick@dot.wi.gov

Supervisor: John Steiner

Cell #: (608) 574-2645

Email:

Traffic Co: Paul Watry

Traffic Co. #: (608) 220-8485

Mat'l Contact: Dave Gliniecki

Cell #: (262) 366-5417

Email: dgliniecki@zentithtechinc.com

DOT Mat'l Person: Joe White

Cell #: (608) 354-8810

Email: jwhite@bloomcos.com

Contractor QC Reports

HMA:	Last Activity: 10/28/2014	Lot Total: 6	SubLot Total: 40	Air Void Total: 22
PCC (Structures):	Last Activity: 10/02/2014	Lot Total: 4	SubLot Total: 13	Air Slump Total: 58
PCC (Pavement):	No Activity			
PCC (Probing):	No Activity			
IRI:	No Activity			

Materials Verified Reports

<u>Activity Date</u>	<u>Test Number</u>	<u>Sampled By</u>	<u>Tested By</u>	<u>Result</u>
02/05/2015	0-900-0002-2015		J.v.white	
02/04/2015	105-3.130-155-0008-2014	J.v.white	J.v.white	Part 2 Of 2 Refer To Report 105-3.130-155-0007-2014
	105-3.130-900-0005-2014		J.v.white	
	105-3.130-905-0001-2013		J.v.white	
	105-3.453-905-0001-2015		Joseph White	
	105-3.130-905-0003-2014		J.v.white	
	105-3.130-905-0004-2014		J.v.white	



Activity Reporting System

Search Activity Reports

Select an option below to view reports. Note that, partial entries for Project/Contract ID, description and names are also allowed.

- Project ID
- Contract ID
- Project Description
- Person Name

[View Reports](#)

View Activity Reports

Report Actions	Name	Report Type	Year
View/Download Send Via Email	Joseph White	Sampler	2015
View/Download Send Via Email	Joseph White	Tester	2015



Certification Management

- ▶ Integrated with the Activity Reporting System Page
- ▶ Designed to facilitate review of active testers
- ▶ Currently under development
- ▶ Individual testers to register for the current year and region(s)



Certification Management

CERTIFICATIONS MANAGEMENT | LINKS | ADMIN

- Individual Registration
- Prime Contractor Registration
- View Current Certifications
- View Current Year Registrations by Person
- View Current Year Registrations by Prime / Project

Name/ID Lookup

Show testers where matches

Joseph White Bloom Companies LLC

Tester/Sampler Registration - Step 1 of 2

Tester ID	<input type="text" value="100200"/>
Name	<input type="text" value="Joseph White"/>
Company Name	<input type="text" value="Bloom Companies LLC"/>
Email Address	<input type="text" value="jwhite@bloomcos.com"/>
Cell Phone	<input type="text" value="608-246-5555"/>
Office Phone	<input type="text" value="608-246-5555"/>
State	<input type="text" value="WI"/>
Year	<input type="text" value="2015"/>



Certification Management

Tester/Sampler Registration - Step 2 of 2

Data updated successfully. Please select the work region and type of material to continue.

Tester ID	Name	Contact Phones	Email	Company Name
104391	Broderick Walker View Certifications	Cell: 608 237 0245 Office: 608 848 6085	abcd@aa.com	GeoTest Inc
100200	Joseph White View Certifications	Cell: 608-246-5555 Office: 608-246-5555	jwhite@bloomcos.com	Bloom Companies LLC

Certification Details For Joseph White

Certification	Expiry Date
Certified Aggregate Technician II (AGGTEC 2)	02/03/2017
Certified Aggregate Technician IPP (AGGTEC IPP)	03/29/2017
Aggregate Testing for Transportation Systems (ATTS)	03/04/2017
Grading Technician I (GRADING)	02/14/2017
Hot Mix Asphalt - Production Testing (HMA IPT)	06/05/2017
Hot Mix Asphalt - Mix Design and Report Submittals (HMA MD)	02/21/2017
Hot Mix Asphalt - Troubleshooting and Process Control (HMA TPC)	03/17/2017
Nuclear Density Gauge Operator (NUCLEAR DENSITY)	03/31/2017
Portland Cement Concrete Technician I (PCCTEC 1)	03/31/2016
Portland Cement Concrete Technician II (PCCTEC 2)	02/27/2016
Concrete Strength Tester (CST)	02/19/2017





Wisconsin Department of Transportation

2015 LAB Audit Update



Scope of WisDOT Materials Audits

❖ Documentation Requirement

- ❑ All records should contain sufficient detail to sustain an audit and be clear enough to be read and understood by persons not associated with the project.



Scope of WisDOT Materials Audits

❖ Contractor Testing Documentation

- ❑ Important elements for sampling and testing documents
 - Verify Qualified laboratory utilized for testing
 - Identify Qualified sampler and tester (complete name, first and last)
 - Identify specified material type
 - Verify aggregate quality/source identification
 - Verify sampling and testing schedule



Scope of WisDOT Materials Audits

❖ Materials Certifications Documentation

- Review Materials Tracking System (MTS) data
- Confirm required certification documents have been supplied and referenced
- Review Materials Certifications Documentation for specified compliance in accordance with the CMM



Scope of WisDOT Materials Audits

❖ WisDOT Verification Testing

- Review Materials Tracking System data
- Confirm Verification testing was conducted and documented as specified



L.A.B. Audit Findings and Issues

❖ Department QV Test Data

- ❑ Ancillary concrete QV air/slump/temperature and cylinders were missing in two instances
- ❑ 716 specification only allows waiver of QV concrete aggregate testing. NEVER WAIVE ANY OTHER QV TESTING.
- ❑ If the contractor does not provide a certification for a QMP class III item then testing requires testing per QMP class II. This requires QV testing irrespective of the quantity.



L.A.B. Audit Findings and Issues

❖ Department QV Documentation

- ❑ As in past years record or reference to Fly Ash Certified Reports of Test were missing in two instances.
- ❑ Overall of the documentation was good. Missing information was confined mostly to one contract



L.A.B. Audit Findings and Issues

❖ Contractor QC Test Data

- Using running average summaries for small quantity base aggregate production without qualified tester/sampler names, proper source information and qualified lab name/location.
- Worksheets are required. Names not abbreviations!



L.A.B. Audit Findings and Issues

❖ Contractor QC Documentation

- ❑ HMA mix test data without qualified tester/sampler names, qualified lab location, worksheets. Data summaries only presented without complete information. Note name listing on QMP plan documents is not adequate. Qualified tester/sampler names need to be derived from the actual lab worksheets. Without the worksheets the auditor cannot clearly validate the qualified QC testers/samplers.



Materials Certification Process

Substantially Complete (Time Charges Stopped)	Contractor Complete Punch list items	Project Leader Compiles and Reviews Materials Records	Materials Receive Records for Review and Create Issues List	Project Leader Resolves Materials Issues With Contractor	Project Leader Returns Material Records to Materials for Follow-up Records Review	Materials Submits DT 1310 Materials Certification Form to Project Manager for Final Approval
	21 days	60 days	30 days	7 days	7 days	1 day

45 days



30%, 60% & Finals Review Process

2015 Construction Season

- All regions are performing 30-60-Final reviews



WisDOT/Contractor Materials Coordinator On-Line Training



UNIVERSITY OF WISCONSIN-PLATTEVILLE
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MATERIAL COORDINATORS' TRAINING



This training provides details about the requirements of the Department's Materials Acceptance program as well as the designated roles of Contractors Project Materials Coordinators (CPMPs) and WisDOT Project Materials Coordinators (WPMCs). Knowing this information is beneficial to contractor and department personnel, who work with materials for the Wisconsin Department of Transportation projects.

The Material Coordinators' Training provides:

- understanding of what materials the contractor is to provide
- understand the process to approve these materials
- knowledge to reduce errors with processing approval documents and test results
- understanding of processes to reduce necessary approval time
- create efficiency of administrative time for both the contractor and the department

COURSE ACCESS

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WISCONSIN DOT CONTACT

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Quality Management Engineer



Contact for More Information:

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Quality Assurance Unit
Bureau of Technical Services
Division of Transportation System Development
Wisconsin Dept. of Transportation

