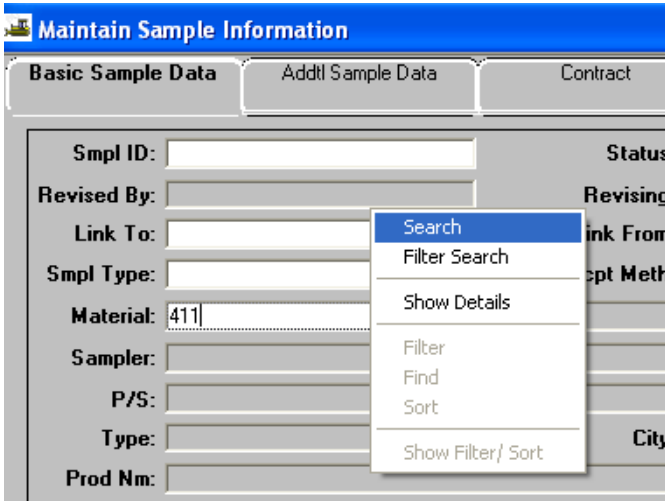
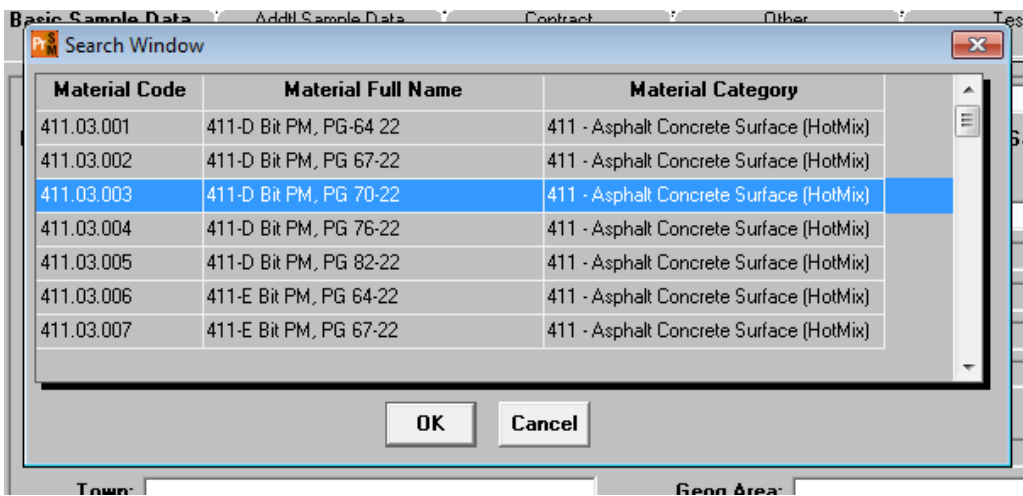


## Asphalt Mix Field Testing

When creating a sample it should be easy to find the correct material code by keying in the 3 digit code (307, 313 or 411). Then hold your cursor over the field and a magnifying glass will appear. Right click and select "search"



The search window will open with the first record being the one that starts with that code. The inspector will then be able to see the "material full name". The descriptions are grouped by the letter of the mix (A, AS, ACRL, B, BM, BM2, etc.) (411D, E, E(shoulder), SP411's) It should only take a couple of seconds to scroll to the correct mix and select it.



Below are examples of info that should be entered for field samples of asphalt mix:

Maintain Sample Information

Basic Sample Data   Addtl Sample Data   Contract   Other   Tests

Smpl ID: ij01563149G083021   Status: Received

Revised By:   Revising:   Sample Date: 09/16/14

Link To:   Link From:   Log Date: 09/16/14

Smpl Type: Acceptance   Acpt Meth: Acceptance

Material: 411.03.001   411-D Bit PM, PG-64.22

Sampler:   P/S: Rogers Group - Lawrenceburg Asphalt   35000003

Type: Producer/Supplier   City: Lawrencebrg

Prod Nm:   Mnfctr:   Town:   Geog Area: Region 3 - Lawrence

Intd Use: Sta. 35+00 to 68+50 N bound

Repr Qty: 452.250 Ton   Lab Control Number: CNij01563149G083021

Auth By:   Auth Date: 00/00/00   Lab Reference Number:   Lock Type:   Locked By: ij01563   Lock Date: 9/16/2014 08:39:18

HQ:

Maintain Sample Information

Basic Sample Data   **Addl Sample Data**   Contract   Other   Tests

Smpl ID: ij01563149G083021   Buy American:

Reqst By:   Witnessed By:   Smpl Size:   Dist from Grade:   Station: 38+00   Offset: 12   Reference: Left

Smpld From:   Smpl Origin:   Control Type:   Cntrl Number:   Seal Number:   Design Type: Marshall   Mix ID: 3140074

Plant ID:   Plant Type:   Creator User ID: ij01563   Include Standard Remarks:    Sample Created from DWR:    DWR Date: 00/00/00

Last Modified User ID: ij01563   Last Modified Date: 09/24/14   DWR Inspector:  

You can either key in the design number or use the search function:

Maintain Sample Information

Basic Sample Data   **Addl Sample Data**   Contract   Other   Tests

Smpl ID: ij01563149G083021   Buy American:

Reqst By:   Witnessed By:   Smpl Size:   Dist from Grade:   Station:   Offset:   Reference:   Smpld From:   Smpl Origin:   Control Type:   Cntrl Number:   Seal Number:   Design Type: Marshall   Mix ID: 3140074

Plant ID:   Plant Type:   Creator User ID: ij01563   Include Standard Remarks:    Sample Created from DWR:    DWR Date: 00/00/00

Last Modified User ID: ij01563   Last Modified Date: 09/24/14   DWR Inspector:  

Search  
Filter Search  
Show Details  
Filter  
Find  
Sort  
Show Filter/ Sort

Next we need to link the tests to a contract:

Click on the contract tab.

1. Select the “New” icon at the top of the window.
2. Enter contract number or use search function to find correct contract and item(s) NOTE: if contract has multiple projects w/ item, select all project items.
3. DO NOT ENTER QUANTITY. The quantity to be paid is entered in a DWR by office personnel. The material has a rate/frequency of testing linked to it, and entering a quantity here will possibly cause a shortage of test results resulting in money being withheld.

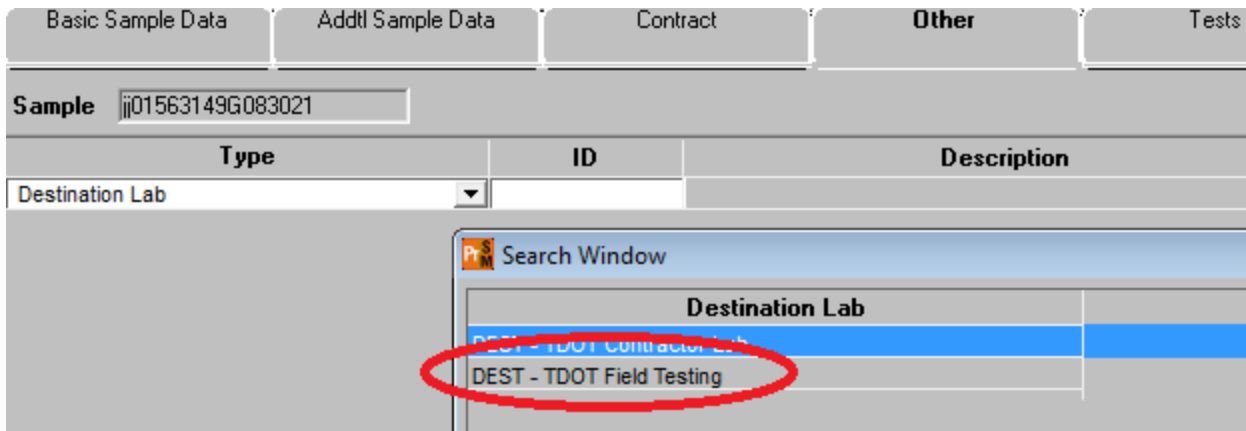
The screenshot shows a software window titled "Maintain Sample Information". The "Contract" tab is active. A table displays sample data with the following columns: Contract ID, Project, Line Item, Proposal Line Number, Item Code, Fed State Prj Nbr, Cont Est Matrl Qty, Represented Qty, Material Unit, and Reported Matrl Qty. A red box highlights the "New" icon in the toolbar, and a red "1" is next to the "Contract" tab. A red "2" is next to the "Contract Id" field in a dialog box, and a red "3" is next to the "Represented Qty" column in the table.

Contract ID	Project	Line Item	Proposal Line Number	Item Code	Fed State Prj Nbr	Cont Est Matrl Qty	Represented Qty	Material Unit	Reported Matrl Qty	Sat M
TST118	06001-3171-44	0490		411-01.10	NH/HPP-I-75-1	52.000	<del>0.000</del>	Ton	0.000	
							.000			

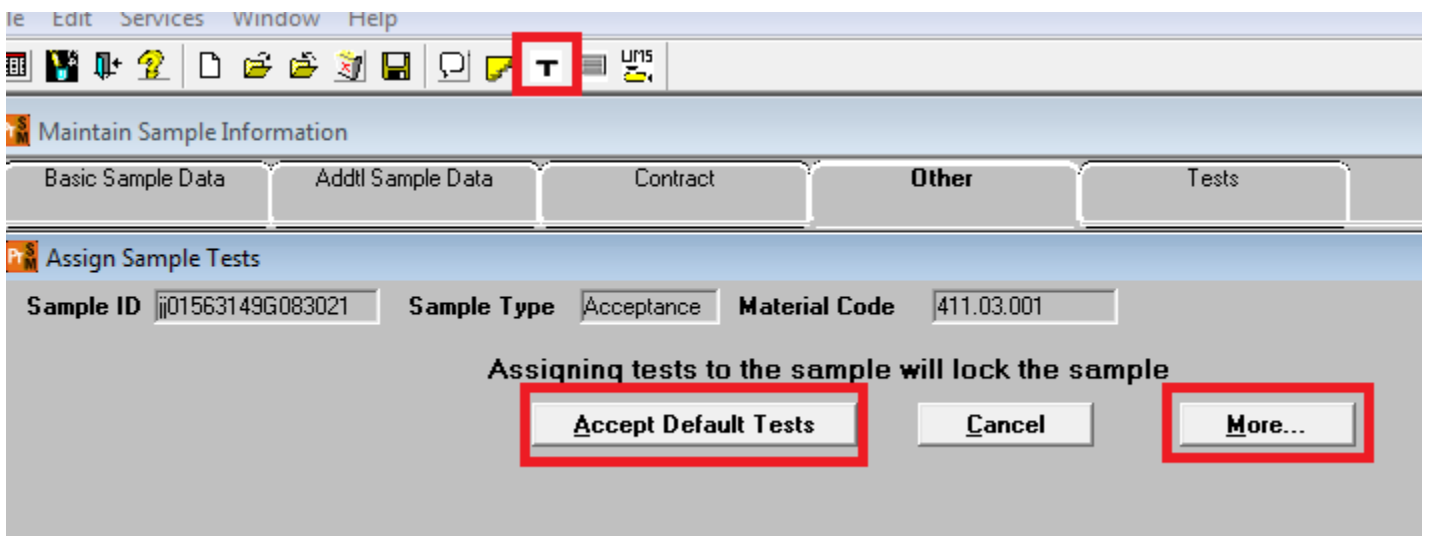
Next you will need to select a lab.

Click on the Other tab.

1. Select the “New” icon at the top of the window.
2. Select Destination Lab.
3. Use search function to find correct lab.



The final step is selecting the tests. Select the “Open Assign Tests” icon at the top of the screen. Most times you will accept default tests. If you need to run tests that are only ran occasionally, select the More button.



When you select the “More” option, a new window opens. You can use this window to add additional tests, or remove default tests. Once you click “Save Tests” the sample will lock and will be in the lab you selected (Field or Contractor). NOTE: It is a pain to add/remove tests after this step, so make sure you have the tests you plan to run on your sample selected.

Assign Sample Tests

Sample ID: j01563151U142008    Sample Type: Acceptance    Material Code: 411.03.001

Assigning tests to the sample will lock the sample

Additional Available Tests		Tests to be Assigned				
Test Description	Lab Unit	Default Test	Test Rqrd	Auto-Finalize	Test Runs	Test Description
M003 - 1 Ride Smoothness (SP 411B)	TDOT699001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	D2950 - Density of Bituminous Conc in
M004 - Pre-Ride Improvement (SP411C)	TDOT699001					
M019 - Asphalt Core Thickness	TDOT699001					
M020 - Visually Accepted	TDOT699001					
T242 - Friction Data Import	TDOT699001					

Buttons: Add ->    <- Remove

Buttons: Save Tests    Cancel

You are now ready to go to LIMS and enter your test results.

Very important procedure notes:

1. SiteManager requires specific tests to be performed before any payment can be made on asphalt mix items. If no tests are required first day material is placed (small quantity or temporary) A density sample with test D2950 required for payment MUST be created. The sample can be moved thru LIMS without any test data entered, by selecting the "No tests taken" check box. The inspector will be required to describe reason in remarks field of test templates. This will be an "Acceptance" sample.

**D2950 Nuclear Asphalt Density**

Print

Equipment:

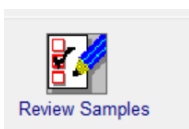
In Spec  
 Out of Spec  
 No Spec

No tests taken due to field conditions **Comment describing conditions required (if checked)**

Comments: being paid under SOP 1-1 small quantity procedure

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2. The test template has a drop-down in the 'Method used' column to select 'Gauge' or 'Core'. Although 'Cores' do not have a spec on the individual test, a calculated '% Density' less than the number in the 'minimum single density' field at the top of the template will show out of spec and will require a sample review to finish the sample.



3. Select a status of COMP- Complete or FLIP- failed but left in place in order for sample to count toward payment.