

LOUISIANA'S ON THE MOVE...

**DOTD**

**BUILDS THE WAY**

**LADOTD**

**SiteManager  
Materials  
& LIMS**

# SiteManager Materials

- **Improved Communication Capabilities**
- **2059 (Life of the contract)**
- **Sampling Plan**
- **Sample Control**
- **Quantity Tracking**

# **Improved Communication Capabilities**

- **Improved Department communication to help finalize contracts faster**
- **Better control of material testing processes**
- **More access to test information for customers**
- **Online reports**

# **2059 (Life of the contract)**

- **The 2059 process will be ongoing as the contract moves forward**
- **Better materials documentation tracking**
- **Real time updates of the sampling plan**



# Sampling Plan

- **Sampling plan generated by SiteManager**
- **Sample completion tracked by SiteManager**



Maintain Sample and Testing Requirements

Materials

Sample and Testing

Item: 00005-24893 Spec Year: 1991 Item System Unit: E Item Unit: TON

Desc. 1: ASPHALT CONC. BASE B

Desc. 2: COURSE TYPE BM-2

Material Code: 15 Course Aggr # 8

Conversion Factor: 1.00000  Approved Source Required

Special Instruction:

# Sample Control

- **Sample maintains same sample id**
- **Sample information in real time**
- **No reviewing list**
- **Samples linked to contracts**





Maintain Sample Information

Basic Sample Data    Addtl Sample Data    **Contract**    Other    Tests

Sample

Contract ID	Project	Line Item	Item Code	Fed State Prj Nbr	Cont Est Matrl Qty	Represented Qty	Material Unit	Reported Matrl Qty	Satisfy Rep Matl Qty	Line
TRAIN3_40	0002603076A	0005	00140	NONE/GM076	64.000	50.000		0.000	0.000	BORR

# Quantity Tracking

- **Quantity of material accepted tracked in sample**
- **Quantity of material used by contracts tracked in sample**



Maintain Sample Information

- Basic Sample Data
- Addl Sample Data
- Contract
- Other
- Tests

Smpl ID:	train108BH100118	Status:	Pending				
Revised By:		Revising:		Sample Date:	11/17/08		
Link To:		Link From:		Log Date:	11/17/08		
Smpl Type:		Acpt Meth:	Spaces				
Material:							
Sampler:							
P/S:							
Type:	City:						
Prod Nm:							
Mnfctr:							
Town:	Geog Area: Spaces						
Intd Use:							
Repr Qty:	.000		Lab Control Number:	CNtrain108BH100118			
Auth By:		Auth Date:	00/00/00			Lab Reference Number:	
Lock Type:	General	Locked By:		Lock Date:			



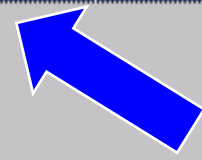


Maintain Sample Information

Basic Sample Data    Addtl Sample Data    **Contract**    Other    Tests

Sample

Contract ID	Project	Line Item	Item Code	Fed State Prj Nbr	Cont Est Matrl Qty	Represented Qty	Material Unit	Reported Matrl Qty	Satisfy Rep Matl Qty	Line
TRAIN3_40	0002603076A	0005	00140	NONE/GM076	64.000	50.000		0.000	0.000	BORR




# LIMS

- **Laboratory Information Management System (LIMS)**
- **Developed by the state of New York**
- **Became AASHTO product 2007**

# Trns•port SiteManager

# LIMS

## Material Information



Material Detail

## Approved Lists




Producer/  
Supplier

## Mix Design



Mix Design(+)

## Management Functions



Maintain Test  
Queue




Maintain Lab  
Users

## Sampling and Testing



Producer/  
Supplier  
Materials




SAMPLE  
INFO  
Sample  
Information



Receive Sample at  
Destination Lab



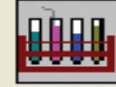
Sampler  
Qualifications




Receive Sample in  
Lab Unit



Material User



Enter Test  
Results



Qualified Labs



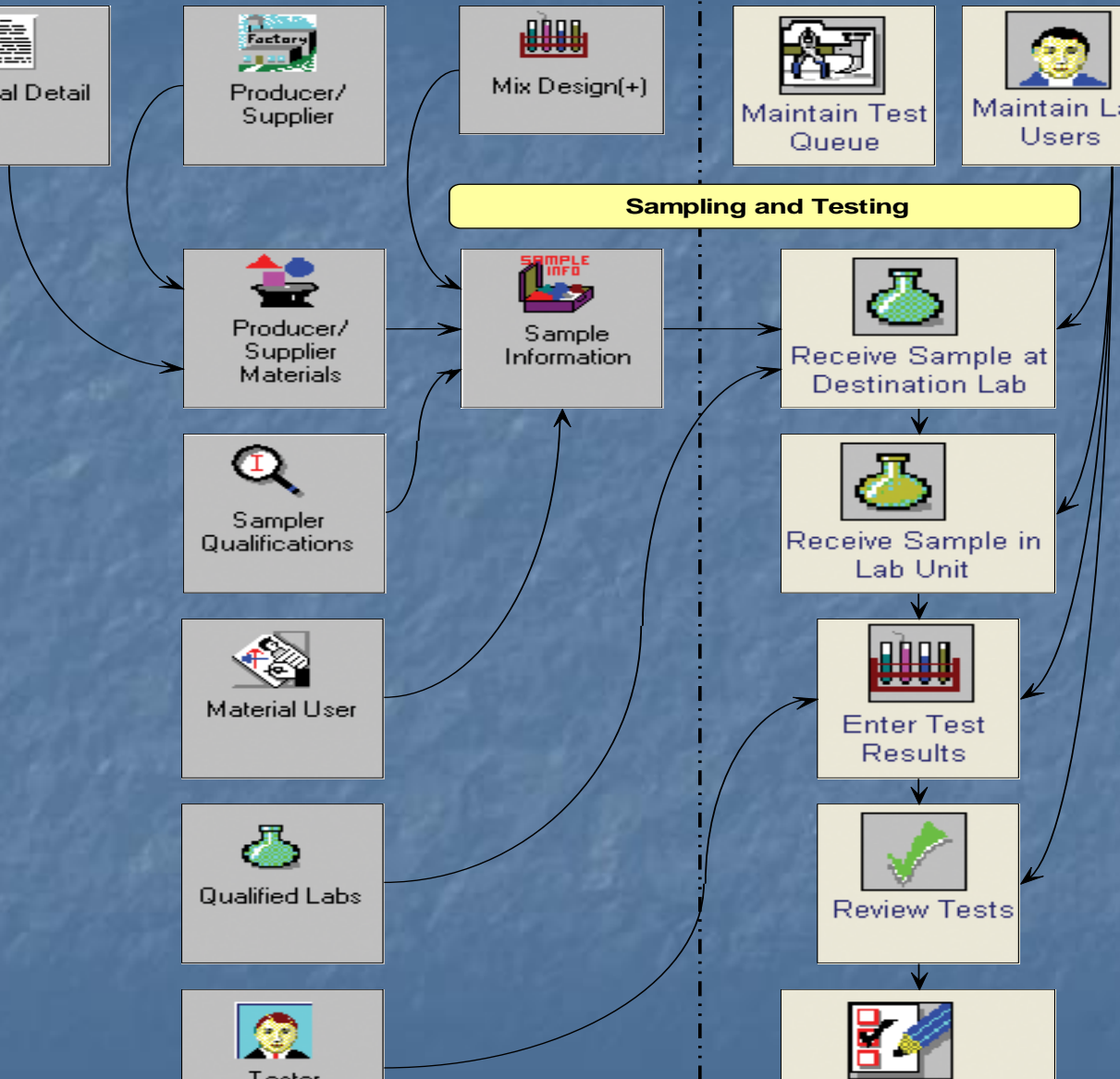
Review Tests



Tester  
Qualifications



Review Samples





# LIMS

LIMS AASHTO SiteManager LIMS

File Window Help



LIMS Navigation Panel

LIMS System Admin Supervisor Technician Receive Sample Review Sample View Only



View-Only Sample Information



Receive Sample at Destination Lab



Receive Sample in Lab Unit



Enter Test Results



Review Tests



Review Samples

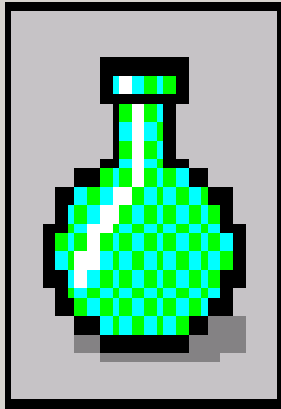


Maintain Test Queue

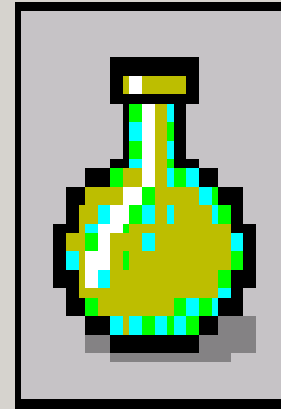


Maintain Lab Users

# Sample Tracking

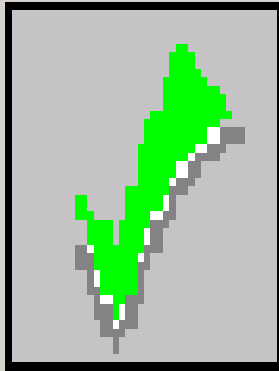


Receive Sample at  
Destination Lab

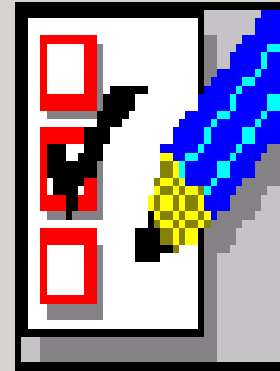


Receive Sample in  
Lab Unit

# Test & Sample Review

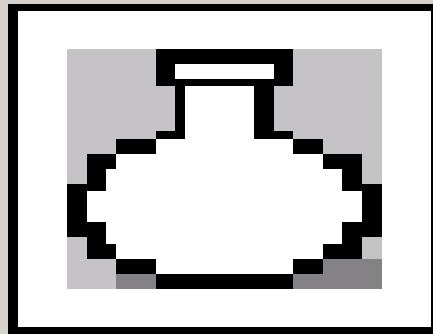


Review Tests



Review Samples

# View-Only Sample



View-Only Sample  
Information

# Maintain Test Queue

**AASHTO SiteManager LIMS**

File Services Window Help

All My Lab Units
  Select a Lab Unit
 Chemical Laboratory

Filter Criteria

Contains

Apply
Reset

Contract ID	Sample ID	Test Description	Receive Date	Priority	Due Date	Tester*	Test Status*	Product Name
TRAIN3_40	ioneill0884211420	AASHTO T 51 - Ductility of Bituminous M		Medium			:05 - Test Assigned	
	SYS1087V092511	Concrete Truck Information	07/31/08	Medium		SYS1 - System A	:05 - Test Assigned	
	SYS10881152853	Concrete Cylinder Cast	08/01/08	Medium			:05 - Test Assigned	
		Slump	08/01/08	Medium		SYS1 - System A	:05 - Test Assigned	
	SYS10885105627	AASHTO T 72 - Saybolt Viscosity at 12	08/05/08	Medium			:05 - Test Assigned	
	SYS10885110033	IAST Portland Cement Concrete - Plastic	08/05/08	Medium			:05 - Test Assigned	
	SYS10885155645	Tensile Bond Strength of Epoxy Resin S	08/05/08	Medium		SYS1 - System A	:40 - Test Completed	
	SYS10885185651	Steel Welded Wire Reinforcement, Plain,	08/05/08	Medium			:05 - Test Assigned	
		Tensile Bond Strength of Epoxy Resin S	08/05/08	Medium			:05 - Test Assigned	
	SYS10886030932	Concrete Truck Information		Medium			:05 - Test Assigned	
	SYS10886031314	Concrete Truck Information		Medium			:05 - Test Assigned	
TRAIN3_40	SYS10886031431	AASHTO T 51 - Ductility of Bituminous M		Medium			:05 - Test Assigned	
TRAIN3_40	SYS10886031654	AASHTO T 51 - Ductility of Bituminous M		Medium			:05 - Test Assigned	
TRAIN3_40	SYS10886031931	AASHTO T 44 - Solubility of Bituminous		Medium			:05 - Test Assigned	
TRAIN3_40	SYS10886033252	AASHTO T 44 - Solubility of Bituminous		Medium			:05 - Test Assigned	
TRAIN3_40	SYS10886033829	AASHTO T 51 - Ductility of Bituminous M		Medium			:05 - Test Assigned	

# Team Information

- Project Manager      Beth Roberts
- SiteManager Steering Committee
- SiteManager Materials Administration Team
- SiteManager Core Team
- SiteManager Construction Team
- SiteManager Materials Team
- District SiteManager Teams



# LADOTD SiteManager Materials & LIMS

**SiteManager Logon** [X]



**User ID:**

**Password:**

**Connect to:**  [v]

Download RTF Templates

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Enter the User Password.

**AASHTO SiteManager LIMS Logon** [X]



**User ID:**

**Password:**

**Connect to:**  [v]

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