

2006 Materials TAG - Meeting Minutes

Date: Monday, October 23, 2006
Time: 8:00 am to 4:30 pm Eastern Time
Location: Meeting Room E at the Marriott

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1. Attendees

Following is a list of people who attended the 2006 Materials JAD.

#	Name	Agency	E-Mail Address
1	Tony Bianchi	AASHTO	tbianchi@ashto.org
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14	Bob Marshall	Info Tech, Inc.	BobMarshall@infotechfl.com
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27	Mark Reddy	Kansas DOT	mark@ksdot.org
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37	Gus Wagner	Minnesota DOT	Gus.Wagner@dot.state.mn.us
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#	Name	Agency	E-Mail Address
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66	Mark Ljungvall	Vermont Agency of Trans.	mark.ljungvall@state.vt.us
67	Stephen Gilbert	Vermont Agency of Trans.	Stephen.Gilbert@state.vt.us
68	Joe Bouchey	Virginia DOT	Joseph.Bouchey@VDOT.Virginia.gov
69	Tom Rothrock (PM)	Info Tech, Inc.	Tom.Rothrock@infotechfl.com
70	Monelle McKay (PM)	Info Tech, Inc.	Monelle.McKay@infotechfl.com

2. Topics

The 2006 Materials TAG Meeting was called to order at 8:00 am by Dave Bernard.

2.1 Welcome

- Dave Bernard works for the New York State Department of Transportation and is the Assistant TAG Chair. Dave pinch hit for Rhonda DeButts, the TAG Chair.
- Rhonda put together the folders for the meeting. Dave wanted to thank Rhonda for putting the folders together. The folders contained the following:
 - 2006 Material Tag Members (included contact information)

- Info Tech Subject Matter Expert (SME) (Info Tech, Inc. TAG Representative contact information)
- Materials TAG Minutes
- List of people who signed the Attendee Sheet from the 2005 TAG Meeting
- Mission Statement
- Short Range Goals (Proposed)
- Long Range Goals (Proposed)
- Material TAG Enhancements (list with description)
- Material TAG Enhancement detail pages
- Dave recognized Gina Merseal for taking the meeting minutes.
- Dave recognized Rick Yunker who is the Materials TAG - Info Tech, Inc. Representative.

2.2 Meeting Logistics

- Dave sent out a proposed agenda, the Materials TAG Enhancements, and the NY LIMS Technical Detail to the Materials TAG Representatives on October 12, 2006. Dave projected the agenda and reviewed the meeting logistics.
- The breaks were scheduled for 10:00 am and 2:15 pm. The TAG was scheduled to meet all day. The TUG agenda referred lunch to start at 1:30; however, lunch was going to be from 11:30 am to 1:00 pm.

2.3 Introduction of TAG Members

Dave requested the TAG Members to introduce themselves, indicate the agency they represented, and convey the status of their SiteManager Materials Implementation.

2.3.1 TAG Members

- Beth Roberts: Louisiana ~ Trying to get into production in one year with SiteManager Materials
- Steve Fisher: Indiana ~ Implemented SiteManager Materials in May 06
- James Williams: Mississippi ~ Been in production with SiteManager Materials for one half of a year
- George Cornelius: Montana ~ Started implementation of SiteManager Materials in June and is simultaneously implementing SiteManager Construction
- Brad Finch (Proxy for Rhonda): Nebraska ~ In production with SiteManager Materials for three years
- Marty Foster: Michigan ~ Early stages of NGT Materials Implementation
- Mark Ljungvall (Proxy): Vermont ~ Pilot mode for SiteManager Materials for two years; full production planned for next year
- Scott Seiter: Oklahoma ~ In production with SiteManager Materials version 3.7 in March 06; SiteManager Materials - Approved List area for two to three years
- Mark Higdon: Kentucky ~ SiteManager Materials Implementation started in February 05 and plan to be in production in March 07
- Patrick Byron (Proxy for Denis): Missouri ~ In production with SiteManager Materials since 01 or 02
- Joe Bouchey: Virginia ~ Evaluation phase of SiteManager Materials
- Charlie Brown: Alabama ~ SiteManager Materials - Approved List area in 04; last year continued implementation slowly
- Melanie Doug: New Brunswick ~ In production with SiteManager Materials since 01
- Tom De La Portilla: Texas ~ SiteManager Materials since 01

2.3.2 Additional Introductions

Dave introduced people sitting up front helping with the meeting.

- Daryl Bushika, a.k.a. IT Wiz Kid, a.k.a. Back Door Kid from NYSDOT

- Diane Menz: Info Tech, Inc. on site in New York working on the Materials Side, and sometimes construction and pre-construction

2.4 Reviewed Agenda

- TTF will join us after the morning break.
- Had to do some shuffling with the agenda items.
 - The 'Update on Michigan's NGT Materials Management Project' topic was moved to later in the agenda so that Marty Foster wouldn't have to give his presentation twice today.
- Louisiana has some enhancements they would like to discuss
- Kentucky asked for some time to make a presentation on something they are doing with spreadsheets, and then it is populated into SiteManager.

2.5 Old Business

2.5.1 2005 Meeting Minutes

- The 2005 Materials Minutes were distributed and reviewed through e-mail. Received some comments. Will need to be cleaned up. Found a typo in reference to a TMR number.
 - Typo: TMR for NY 9006 should be TMR 9066.
- A motion to accept the minutes as they are and to make note about the minutes in this set of minutes was made by Scott Seiter.
- The motion was seconded by George Cornelius.
- All were in favor.

2.5.2 Mission Statement

- The Mission Statement was accepted as is.
 - A motion to accept the Mission Statement was made by George Cornelius.
 - The motion was seconded by Scott Seiter.
 - All were in favor.

2.5.3 Short Range Goals

- A modification was requested.
 - The TAG membership would like 'LIMS' type functionality, not 'SiteManager' type functionality. This was introduced during the 05 TAG, and there seemed to be a pretty positive response last year. SiteManager Materials could be better in the area of Lab Management. Tried to follow through this year to have the short and long term goals reflected for this year. See number three of the Short Range Goals.
 3. Define strategies and guidelines to implement an integrated laboratory information management system (LIMS) for SiteManager.
 - Any comments or suggestions? No
 - A motion to accept the proposed Short Range Goals was made by Scott Seiter.
 - The motion was seconded by George Cornelius.
 - All were in favor.

2.5.4 Long Term Goals

- The Long Term Goals were accepted through E-Mail prior to the Materials TAG meeting. The modifications made reflected LIMS in the long range goals.
 - The first goal was modified to reflect the following.
 1. Provide oversight for the development of additional Materials Management and Laboratory Information Management System (LIMS) functionality in SiteManager.
 - Goals four and five were added as follows.

4. Implement an integrated Laboratory Information Management System (LIMS) in SiteManager.
 5. Facilitate the implementation of the Materials Management and Laboratory Information Management System (LIMS) functionality in NGT.
- Questions
 - Gus Wagner: When Materials Manager was solicited, the Subcommittees built a materials management 'thing'; should be able to stand alone.
 - Dave Bernard: We're moving in the direction of everything working together. With NGT, do not know how that would play; could be a separate thing at that time.
 - Rick Yunker: The goal of NGT is to get a unified database. Construction and Materials functionality will be separate, but would have a unified database. With NGT you will be able to turn Construction or Materials on or off if you don't want to use it.
 - Dave Bernard: You will need to run SiteManager in order to have the New York LIMS application to work.
 - Gus Wagner: Don't know how this will fit into the long range goal.
 - The Long Range Goals were accepted with the proposed modifications.
 - A motion to accept the proposed Long Range Goals was made by George Cornelius.
 - The motion was seconded by Charlie Brown.
 - All were in favor.

2.6 New Business

2.6.1 Election of TAG Officer

- TAG Coordinator Position: Rhonda DeButt's two year term expires this year.
 - Sent out requests via E-Mail, but didn't receive a lot of responses.
 - Dave opened the floor to nominations for a new TAG Coordinator.
 - A motion was made to nominate Dave Bernard by Scott Seiter.
 - Dave appreciates the vote of confidence. Kind of hot and heavy in Materials in New York. Dave stated that he would serve in an official capacity, would be willing to do this, and appreciated the vote of confidence.
 - Any other nominations? No.
 - The motion was seconded by Steve Fisher.
 - All were in favor.
 - Now that Dave was appointed as the Materials TAG Coordinator, the Assistant TAG Coordinator position became open. The TAG pursued filling the Materials Assistant TAG Coordinator position.
- TAG Assistant Coordinator Position
 - A motion to nominate Scott Seiter as the TAG Assistant Coordinator was made by Dave Bernard.
 - Scott stated that he is willing to accept this.
 - The motion was seconded by George Cornelius.
 - All were in favor.

2.7 Discussion of Enhancement TMR's

- There were printouts for each of the 22 TMRs in the packet sent by Rhonda for the TAG to review.
- Dave indicated that each state that submitted a TMR should be prepared to discuss it.
- Goal is that we'll be voting in a couple of weeks, and we need to discuss each TMR to support voting.

2.7.1 Enhancement 2176

Remarks associated with specific a piece of equipment...

- Submitted by Floyd Inman of TxDOT in 1998 with SiteManager *Beta*.
- TxDOT Tom De La Portilla: Don't need this TMR anymore. Contractor's comment at the bottom indicates that it isn't applicable, but may need to address in NGT. Reports will be different in NGT. It is obsolete for Client/Server, but will be different in NGT. It will be easier to customize reports in NGT. Up to TAG to decide that.
 - Scott Seiter: For those familiar with AASHTO accreditations, it currently isn't complete. Should keep something in the database for lab accreditation requirements for equipment. Think we should keep something in the radar.
 - Rick Yunker: Need to have specific TMR to address that. If you want to enhance the equipment functionality in NGT, then that would need to be created. This TMR is very specific. The submitting agency is indicating that they don't need it.
 - Dave Bernard: The NGT forum would be a place to start advancing. **AI** – Scott Seiter will create a discussion on the NGT Forum about equipment requirements, and will also create a TMR for calibrated equipment. Decision is that it is withdrawn.
 - Rick Yunker: If TxDOT stands up and states that it is withdrawn, then it is withdrawn.

2.7.2 Enhancement 6573

Apply DWR Template functions to material test templates.

- Submitted by David Duffey of GDOT in 2002 with SiteManager version *3.1a*.
- GDOT Terry Callahan: Looks like the TMR was submitted quite some time ago. Was not given the charge to fight for this. If anyone wants to take this on, I would be willing to withdraw this one.
 - Dave Bernard: Need to speak about this one for New York. The DWR Templates on the construction side were enhanced by Alabama DOT. The materials side didn't get the same upgrade. If you look at the two of them (DWR Templates and Materials Test Templates), the DWR templates are better.
 - Diane Menz: A lot of what you see in the DWR functionality with multiple rows and summation of header record is functionality you don't have, and database structure you don't have with the materials test template structure. It would be nice to have this functionality and the thought was to go back and enhance materials template functionality.
 - Dave Bernard: In New York, we're using the template functionality for the test input screen. Would like to see materials test template functionality improved. Know this is fairly a large scope. If we leave the TMR on the docket, it would ensure NGT would look at this and pick it up. If TAG is in favor, New York would like to keep it around.
 - Terry Callahan: Agree to keep the TMR.

2.7.3 Enhancement 6987

Inactivated Specs and Gradations continue to list.

- Submitted by David Conaway of OkDOT in 2003 with SiteManager version 3.1a-2.
- Scott Seiter: This TMR has been on the books for 3 ½ years now, and if you are using templates and material spec details to pull data, it should be high priority. Would like to see functionality added so that the 'Inactive' indicator works like the other windows with 'Active' or 'Inactive' indicators.
 - Material Information > Material Detail > Tests or Gradations tab ~ If you set the Effective Date Status to 'Inactive', and go to a Test in the Sample Information window, you get a choice of Effective Dates. However, you get all choices; even the Inactive dates.
 - Scott Seiter: Maybe some additional columns could be included that provides additional information to pick from.
- Gus Wagner: If you have an old project, and your old projects are still using old specs, but the Effective Date is inactive, you would want to have them.
- Patrick Bryon: That's why you use effective dates; agree with what Scott says.

2.7.4 Enhancement 7193

Cannot 'RE'-generate Contract Sampling & Testing Requirements.

- Submitted by Joseph Bouchey, Jr. of CTDOT in 2003 with SiteManager version 3.1a.
- Joe Bouchey: Joe is not working for the Connecticut DOT now, and don't know what is appropriate for this. Can let the TAG know what this was about. After a contract is generated, then you only have one shot at this. Think it is appropriate to regenerate when things change. Especially in implementation mode. For instance when implementing Aggregates first, then other material types it would be very helpful to be able to regenerate the Contract Sampling and Testing Requirements for the other material categories. It may be helpful for other states when they are getting things in order for their implementations.
 - Dave Bernard: When you view the comments in the bottom of the TMR, it indicates that TMR 5648 is related to this one. Sounds like we want to keep this around. Would you want to change the priority on that then?
 - Joe Bouchey: Think NDOR already wrote the code for this. Don't think it would be a major implementation effort.
 - Lee Burbach (NDOR): Wrote it, and the code runs outside of SiteManager as a separate utility and would be happy to provide it.
 - Rick Yunker: You would need to arrange this from agency to agency.
 - Dave Bernard: If anyone is interested in free code, they should contact Rhonda DeButts of NDOR.
 - Rick Yunker: If you want this TMR incorporated in NGT, you need to keep it on the docket.
 - Patrick Byron: Medium priority
 - Dave Bernard: Motion was made to keep the priority of this TMR as medium. All were in agreement. The priority of the TMR will stay the same (Medium).

2.7.5 Enhancement 7197

Add feature to allow associations between Testers & Labs.

- Submitted by Stu DeWitt of TxDOT in 2003 with SiteManager version 3.1a.
- Tom De La Portilla: Would like to see under the tests tab on a Sample Record to associate *specifics* to tests (Figure 1). You can see Lab ID, but want to see the specific person who performed the tests as well.

Test Method:		
Lab ID:		
Sample Test Nbr:		Start Date: 10/25/06
Charge Amount:	\$.00	Estimated Completion Date: 00/00/00
		Actual Completion Date: 00/00/00

Material Information > Sampling and Testing > Sample Information > Tests Tab (Figure 1)

- Dave Bernard: New York adopted it and added functionality into LIMS that addresses this TMR. Basically New York has a table that we can assign tests to laboratories with.
- Tom De La Portilla: In tester arena (Tester Qualifications), tests assigned to tester and not to just lab. Want Qualified Lab inserted to the header of the Tester Qualifications area (Figure 2).

Tester Qualifications			
User ID	02167457	User Name	W. J. Osborne
Geographic Area		BRST	
SM Security User	<input type="checkbox"/>	Sampler	<input type="checkbox"/>
		Tester	<input checked="" type="checkbox"/>
		Global Tester	<input checked="" type="checkbox"/>

Material Information > Approved Lists > Tester Qualifications (Figure 2)

- Diane Menz: New York created a cross walk table.
- Daryl Bushika: An individual can be assigned to multiple labs.
- Dave Bernard: Want to keep this one.

2.7.6 Enhancement 8080

Request to add a print button to the Sample Information Test Template window.

- Submitted by Richard Sheffield of MSDOT in 2004 with SiteManager version 3.4a.
- James Williams: Used to have blank templates as worksheets, or printed out completed work to hand to someone. Added code to SiteManager to do this. Within the TMR description, it is indicated that we would provide the code for the Print Button to anyone. If anyone is interested in that, we can still provide that code.
- Dave Bernard: The comments section indicates that the TMR is obsolete for C/S platform but is a requirement for NGT. New York had the same requirements to print these.
- Beth Roberts: Had Info Tech, Inc. perform PowerBuilder Test Template training for us and they showed us how very easy it is to add the print functionality, if anyone is interested, call Info Tech and get that training.
- Dave Bernard: Sounds like a lot of agencies have technology and are doing this all over the place in LIMS.
- Brad Finch: Is the Header Info similar to DWR Template functionality?
- Diane Menz: No, it's showing the outside template window. Header info that is outside of the template. When you perform a print screen to print additional data.
- James Williams: Saw deficiencies in Lab Report; first thought print button. Since then customized the lab report functionality. This was a change to the PowerBuilder Lab Report.
- Brad Finch: FYI, a Cntrl P will print out the Lab Report while it is open.
- A motion to upgrade the priority of this TMR to Medium in order to include functionality in NGT was made by Patrick Byron.
- The motion was seconded by Dave Bernard.

- All were in favor.
- TAG Would like to raise the priority.
- Rick Yunker: The report functionality would be bumped. Mississippi will need to make the request to have the priority raised from Low to Medium.
- All were in favor.
- **AI** – James Williams of Mississippi will send a request to Customer Support to increase the priority of TMR 8080 to Medium.

2.7.7 Enhancement 8081

Modify the window to allow to display all materials associate with an item.

- Submitted by Richard Sheffield of MSDOT in 2004 with SiteManager version 3.4a.
- Dave Bernard: During voting from last year this TMR was voted pretty high.
- James Williams: Made a decision to (as we set up our pay items to material associations), to associate all materials to pay items. We call this 'cleaning up pay items to materials'. Did work around with external process to clean this up. Don't know who set their associations up that way, but is important to be set up in the base product; decision everyone makes early on in how they set up their associations.
- Kelly Kelley: This is how we did it. So many items could use the same materials so they just put them on there. On interface, you would indicate not this item or that item. If there are 30 items, you have to go to each one and delete it.
- Dave Bernard: Call it 'Onzies'. Going to set up associations like that in New York.
- Brad Finch: NDOR set this up that same way.
- Tom De La Portilla: TxDOT has plug-ins. Set up materials and change the conversion factor, for one item or all items. Material driven (e.g. if you have cement, once select contract and material, you can change for one material).
- Dave Bernard: If anyone wants these plug-ins, contact Mississippi or Texas
- A motion to raise the priority of this TMR for NGT was made by Scott Seiter
- Dave Bernard: Does Mississippi want to raise the priority of the TMR?
- James Williams: Yes, raise the priority.
- The motion was seconded by George Cornelius.
- All were in favor.
- John Carpenter: Don't think a low priority will make a difference to the back log in NGT.
- Rick Yunker: All TMRs are on the list right now. Changing the priority will raise the priority within the back log. The TRT that will be looking at back log has a major responsibility in arranging them in the proper order of work activities.
- Dave Bernard: Does ranking affect it?
- John Carpenter: It won't hurt anything to move the priority levels up.
- **AI** – James Williams of Mississippi will send a request to Customer Support to increase the priority of TMR 8081 to Medium.

2.7.8 Enhancement 8530

Generic Fields in Sample Information

- Submitted by Scott Seiter of OkDOT in 2004 with SiteManager version 3.4a.
- Scott Seiter: NGT will have generic fields included.
- Dave Bernard: Does Oklahoma want to withdraw the TMR?
- Patrick Byron: Don't know if Missouri agrees with withdrawing the TMR. Generic fields do not exist right now.
- Rick Yunker: Generic fields are going to exist in every window, and you can add additional data fields. Would tend to agree to Patrick's comment though; to keep it on the radar.
- Dave Bernard: Does Oklahoma want to keep it?
- Scott Seiter: That's fine, it can be kept.

2.7.9 Enhancement 8531

Generic Fields in SUPERPAVE Mix Design

- Submitted by Scott Seiter of OkDOT in 2004 with SiteManager version 3.4a.
- Scott Seiter: Same discussion as for TMR 8530.
- Dave Bernard: No comments or discussion. It will be kept on docket for same reason as TMR 8530.

2.7.10 Enhancement 8941

(SM LIMS) Automatic Test Assignment for a Sample

- Submitted by Dave Bernard of New York in 2005 with SiteManager version 3.5a.
- Dave Bernard: What Dave would like to do, rather than step through the TMRs New York submitted a year ago, would be to table the discussion of these five TMRs we have for LIMS, and demonstrate the software instead. Would like to propose to the TAG that we skip the TMRs for now.
- All agreed.
- Dave Bernard: The following TMRs, including TMR 8941, will be tabled until the New York LIMS software demonstration scheduled at a later time on the agenda during the TAG meeting today.
 - 8995 (SM LIMS) New Sample Login Functionality
 - 8996 (SM LIMS) New Security Functionality on the Maintain Sample Information Window
 - 8997 (SM LIMS) Sample and Test Tracking
 - 9001(SM LIMS) Modeling Lab Business Processes Through Sample & Test Workflow Mgmt

2.7.11 Enhancement 9052

Email output to parameter.

- Submitted by Stephen Gilbert of VTRANS in 2005 with SiteManager version 3.5a.
- Mark Ljungvall: As proxy and relatively new, I am going to defer to Steve Gilbert:
- Steve Gilbert: When setting parameters, at this point it gets deleted every time. No way to set it once. Maybe change setting in SMAPP.INI.
- Dave Bernard: Not everyone understood.
- Diane Menz: Submitting a process through the SiteManager Processes you can go to parameters and select where you want the outputs to go. Indicate e-mail address one time, and when you submit and go back in, the email address is gone. Smapp.ini would be a good area to have it.
- Brad Finch: Could multiple addresses be added to it?
- Steve Gilbert: Hadn't thought of it, but probably could.
- Diane Menz: An outside distribution list could be used instead of a single address.
- Steve Gilbert: There are other TMRs that indicate sending e-mail to outside systems.
- Dave Bernard: Does anyone know of other TMRs that this one might be related to?
- Susan Powe: Been asking for this a long time. In NGT forum, it was my understanding that NGT would be sending out to e-mail. Ian's mailed back that it wasn't their ... at that time.
- Rick Yunker: When was it posted?
- Susan Powe: This was posted a couple weeks ago.
- Rick Yunker: There have been a lot of discussions about e-mail and process results. There has not been a finalization on how to do this.
- Susan Powe: No SiteManager 'In Box' functionality in NGT is what she has been hearing.
- Rick Yunker: There will be something.
- Susan Powe: In the Construction TAG this has been a huge topic, and is what they have been asking for.
- Dave Bernard: This is something needed.

- Rick Yunker: Probably not going to enable an agencies e-mail system.
- Susan Powe: Distribution List would be e-mail address.
- Diane Menz: Web server?
- Rick Yunker: Hasn't been worked out.
- Dave Bernard: Rick is helping Louisiana with their implementation and is helping with NGT.
- Jim Hanley: The related TMR is 2240.
- Rick Yunker: This TMR is specific to a process, and the other TMR is basically eliminating the SiteManager In Box, and all system generated e-mail sent to agency e-mail.
- Dave Bernard: Would like to keep this TMR.
- Gus Wagner: What about modifying the description to include a distribution list.
- Diane Menz: It would be good to put the modification in there.
- Dave Bernard: What is the process for modifying existing TMRs ?
- John Carpenter: Enter a comment to the TMR as a 'TAG' Comment.
- Dave Bernard: Who is responsible for adding the comment?
- John Carpenter: Vermont would add the comment.
- **AI** – Steve Gilbert of Vermont will add a comment to TMR 9052 to include a 'Distribution List'.

2.7.12 Enhancement 9066

Attachment functionality added to the Material Detail Window in SiteManager

- Submitted by Dave Bernard of NYSDOT in 2005 with SiteManager version 3.6a.
- Daryl Bushika: Explained current process.
 - Do a lot of pre-approval of manufacturers and it is on the Approved List. Housed on web, anyone on list can provide material and it is pre-approved. It has cut down on the need for sampling on the contract itself.
 - Would like an attachment button on the Material Detail Tests and Description tabs. Want to go to web site so that they can go to the Approved List right away.
 - Tests tab, so if someone isn't sure, could link PDF of test method and read test method right there.
- Gus Wagner: How often do you update approved lists?
- Dave Bernard: Once a month or as needed.
- Gus Wagner: Don't have network anywhere you go. Is there a way to make that link to an internal PDF or such so that if you don't have access, you could link to something on the computer?
- Diane Menz: Have something in Standalone.
- Dave Bernard: Ideally we want to have the information available in one spot. If you don't have internet connection, you could also have PDF available. It's easier for field staff to have a direct bang to get to it. Didn't want to force people to do that.
- Gina Merseal: Recommend to add a comment to the TMR to ensure the attachments are also in standalone mode.
- Dave Bernard: Are attachments going to be all over in NGT?
- Rick Yunker: That's a TRT Decision.
- Dave Bernard: Should have attachments, generic fields, etc on every window.
- Rick Yunker: That is if the TRT indicates attachments need to be added.
- Joe Bouchey: 8507 is the other Attachment TMR. In the Construction TAG that's where he was going to ask for this. Virginia would pay for this one to get the attachments.
- **AI** - Dave: Comment to add TMRs 8507, 9486, and 9539 will be added as a comment in TMR 9066.
- Joe Bouchey: It is a medium complexity and don't think it should be a large cost.
- Dave Bernard: Dave could comment on the cost of relativity. Added two attachments to SiteManager and they were one Service Unit a piece. Economy of scale on this one.

- Pete Melas: New York has a non-binding estimate for four attachment buttons (i.e. three in TMR 8507 and one in TMR 9486). Roughly \$20,000 per attachment. This estimate is a year old. Working on a new estimate.
- Debbie Postrk: Looking for funding partners.
- Joe Bouchey: Ok

~Break to 9:30 to 10:00~

2.8 General Announcements

- Cell Phones: Please set to vibrate
- Sign-In Sheets: All are turned in.

2.9 Demonstration of New York's LIMS, Which Integrates With SiteManager

2.9.1 TTF (Jim Johnson)

The TTF has requested this time slot.

- What's happening with NGT on Materials side? Michigan has had work started.
- Proposal
 - Requirements are in the proposal that has been put together. Delayed it because of contract language of warranty language. Wanted same phraseology. Proposal is in the works. Hope to have it from ITI at the end of month. The process we're going through is as follows.
 - Proposal submitted to the Task force > standing committee on Development > Added and approved by them > sent to AASHTO in the January/February time frame > hopefully contract as defined in back log by April of next year.
- Solicitation Package
 - Look for a solicitation package around late December/January time frame. When it gets there, take action so that we can go forward to get the contract started in April of 07. Scope of what was defined is out there. Actually the proposal has not been published. It's based on all the information contained in JAD and documents from the JAD sessions. **AI** – Jim Johnson will get the cost of the proposal for NGT to the Materials TAG.
- LIMS
 - LIMS Interface is included, but LIMS in general is not included in proposal.
 - Dave Bernard: First go round is interfacing LIMS.
- Resources
 - Gus Wagner: When Civil Rights module occurs, will ITI have the resources to do both?
 - Monelle McKay: Yes, they have been ramping up with developers in mind to start splitting the team.
- Funding
 - Susan Powe: We can add on to the normal fee, but didn't know there was going to be a solicitation going out.
 - Jim Johnson: Current funding will go in to it. The first money is used to finish up the preconstruction. Would like to have money for this ready to go
 - Monelle McKay: The amount is around 5 or 6 million for Materials solicitation.
 - Gene Mallette: Interested in the over all cost.
 - Jim Johnson: It's well over 50 million for the overall cost. It would change with inflation. The quicker we get to it, the better off we are.
 - John Carpenter: Significant amount is toward enhancements.
 - Susan Powe: Is the scope of construction around the same as materials?
 - Monelle McKay: It is around 8 or 9 million.
 - Jim Johnson: Probably around that or more. Numbers are based on what we currently have and enhancements we would like to have. As looking at the functionality, some of the infrastructure has already been paid for. That is done. We've set that. First product out the door pays for that infrastructure.

- Susan Powe: In the current schedule, Materials would come on first, and a lot of functionality. It seems odd that construction would cost more than materials.
 - Jim Johnson: Fortunately for us, we had Michigan step forward to do that.
 - Dave Bernard: The point is that a solicitation is coming soon. We should go back and prepare to have the funds on hand when the solicitation comes out. Is the cost for a TRT in the NGT Materials Management proposal?
 - Jim Johnson: Yes, it is included in the extra cost for managing the project.
 - Gus Wagner: When we go back home, our materials people are going to say, they are looking for a Lab, and we don't have the information for a lab. We don't know how to do that. What are we getting for this, if we need this and it isn't actually included in it?
 - Dave Bernard: TMRs submitted are in the NGT back log. They are looking at those to be included in NGT.
 - Jim Johnson: TRT decides on what items in the back log should be included.
 - Dave Bernard: LIMS part is lower priority than Michigan's.
 - Rick Yunker: You have to have the base stuff first before you can build the LIMS.
 - Brad Parks: You are going to get a lot of architectural things like generic fields and such in that NGT product.
 - Jim Johnson: Plug-Ins would be included and will help make it easier to get to agency systems.
 - Diane Menz: If get additional funding, maybe we could get the LIMS into the list.
 - Gus Wagner: Understand it, but need to know how to sell it to the guys in the materials office. We don't have a LIMS system. Need system to track lab tests. How to sell our guys on this.
 - Jim Johnson: Here is how it works with Client/Server, and here is how it works with NGT. If there is missing functionality, then it wouldn't be good. Need to look at if we can make it work in Client/Server and NGT.
 - Dave Bernard: We are going to financially support solicitation and want to ensure LIMS carries on in NGT.
 - Jim Johnson: Task Force is very interested in this. Have not seen this. What is the potential? Could it work in current plans? We're interested in seeing this and the conversation coming out of this.
 - Monelle McKay: One other thing that was done with Pre Construction was an impact assessment for states with current products so that they could implement. If they do that again, it is very important to fill that out and to know what customizations were done so that we are aware of them for NGT.
 - Jim Johnson: Don't know if it was done in the proposal or not.
 - Monelle McKay: No, it was under the MSE.
 - Jim Johnson: Impact assessment is something that needs to be done with each module and is something that needs to be considered.
- General
 - We are receiving comments from next door that the microphone is too loud.

2.9.2 NYSDOT LIMS

2.9.2.1 Presentation

10:15 am

- Dave gave a presentation on NYSDOT LIMS (see Presentation from Dave Bernard).
- This demo replaced the discussion of New York's five related LIMS TMR's.
 - The TMRs are 8941, 8995, 8996, 8997, and 9001.
- Designed the New York LIMS in a generic fashion, in a sense. Took pains to do it this way so that any agency could pick it up and use it.
- New York LIMS Concepts
 - 7197: Tester to Lab Unit Association
 - Lab Unit to Destination Lab Hierarchy

- 8941: Default Test Assignment
- 8995: Sample Window changes
 - 8996: Security enhancement – no Test tab
- 9001: Workflow Management
 - Test Status (8997), Queues, “Bumping”
- LIMS **IS** the Sample Information Test tab
- Benefits of Integration Approach
 - Satisfied urgent business need
 - Migrate off unsupported M/F LIMS
 - Couldn't wait for NGT for this functionality
- Yielded efficient system architecture
 - SM + NY LIMS
 - SM + LIMS1 + LIMS2 + 4 interfaces
 - Cost Effective
 - Within a years time there was a return on investment.
 - Scope of NY LIMS covers Main Office (07), Regions (08), and Field Offices (09)
 - Design is configurable, as needs change
 - Have System Operational Parameters for this
 - Can schedule more time on Wednesday from 2:00 to 4:00 if anyone wants more information.
- Interface LIMS
 - Used SiteManager database and created 18 new LIMS tables that live in the SiteManager database. The plug in is interweaved into SiteManager.
 - Have 230 or 240 test templates that will be used to support LIMS business process for testing.
 - LIMS ↔ SM for:
 - Qualifications, Lab, Tester, Contract Authority, Test Templates
 - Would like to see all incorporated into the base product.
 - Not advocating for Client/Server at this time.

2.9.2.2 Questions

- Gus Wagner: Quality Assurance ~ Are you looking at ways to integrate (contractor may do 10 tests QC/QA to get a better feel of his testing) contractors test data into base model?
 - Daryl Bushika: Yes, not initially, but when construction gets rolled out. Really talking about contract people putting in their contract data.
- Lee Burbach: Are you waiting for DWR Template functionality?
 - Dave Bernard: No, using enhanced test template functionality with functions in the back ground.

2.9.2.3 DEMO of LIMS

- Development complete in December 06. Would like to hold questions and blow through the process of LIMS and then have questions and answers session.
- Daryl and Dave went though a demo.
- Sample ID is automatically populated. This can be turned on or off.
- Acpt Meth, Status, and Log Date fields are protected, and the system is populating these fields.
- Modified the Geographic Area field to make it a required field. Samples per region information can be collected.
- Saved the record.
- Need to tell the LIMS system where to send the sample. Regions can log sample and then let the system know where the sample is being sent.
 - Other Tab: Destination Lab has a drop down list that indicates location.
- Saves and now an 'Assign Tests' button is active.

- Assign Sample Tests
 - Additional Available Tests window and Currently Assigned Tests window appears. You can Add or Remove tests from within windows.
 - You can indicate if a Test is Required.
 - Save Tests
- Status changed to Logged. As we move from each phase (e.g. testing, receiving, pending authorization), the status will update on the window automatically. The Sample Information window is the only area where New York tweaked it.
- Added a LIMS button to the SiteManager toolbar menu.
 - It passed security information so you wouldn't have to log in again.
- Receive Sample at Destination Lab
 - Check Sample Received.
 - Have flexibility to bypass this step and set up steps as you need.
- Receive Sample in Lab Unit
 - Queue is focused on Lab Unit. Would show you what is to be received in that specific lab unit.
 - Checks Sample Received and comes off his queue and moves to testers queue.
- Lab tech would come into the system and would only see icons they would need to use.
- Enter Test Results
 - Filter Criteria is at the top of the window.
 - Displays Sample ID, Material Code, Test Description, and other columns of information.
 - Test template is displayed at the bottom of the screen for the tester to populate.
 - Remarks are stored for each test.
 - When the test is complete and saved, it falls off the testers queue.
 - When all of the tests within the Sample ID are complete, the Sample Record will fall off the queue.
 - If only part of the test data is populated, but not all of it, then the test would stay in the queue until the test is complete. Then it would fall off the queue.
- Review Tests
 - Supervisor Action for each test individually needs to be assigned.
 - The Test Status displays. This queue is displayed with the value of 40.
 - Have System Operational Parameters so each agency can assign a number value for their process.
- Review Samples
 - View Compare Results button in lower window; indicates out of specs in the color red.
 - Acceptance at Sample level
- Sample Information window is now authorized and the Status is Complete. All data has been populated for the Sample Information window so that it can count toward the Contract Sampling and Testing Requirements.

2.9.2.4 Questions

10:50

- Could you run a slump and air process through the system?
 - Daryl ran through the process and it only took 30 seconds.
- Davis Candler: How is the Sample ID created?
 - Diane Menz: Set up scheme based upon User ID, Date, and Time. It is a customization in the PowerBuilder window.
- Kelly Kelley: Does it work in standalone?
 - Dave Bernard: Yes, it works in standalone.
- How can it be applied to a Contract?
 - It would be performed on the Contract tab of the Maintain Sample Information window.
- Charlie Brown: If generating Sample IDs, are they putting them on the card?

- Daryl Bushika: Printing out labels. Labs have talked us into coming up with a second ID, one they are more familiar with. On the Additional Sample Data tab, changed Reference to Seal Number and having a database trigger for the lab to punch in a consecutive number.
- Gus Wagner: Is that going to be Lab Specific?
 - Daryl Bushika: Each lab will not get their own number; it would be sequential throughout the state.
 - Dave Bernard: Refer to this as the System number and can hide it in the Queues. Also have a third number called a control number which is an umbrella number to link several samples under one control number.
- Assign Sample Tests
 - Gus Wagner: If there is an automatically required field, is the Test Rqrd checkbox editable?
 - No, it is informational only.
 - Gus Wagner: Gray boxes out if they are not editable?
 - No, but handling that with training issues
 - Lab Supervisors can cancel tests.
 - Capability to assign a test before it leaves the lab.
 - There is a controlled security in that.
 - All data is used by Material Tests window.
 - Filtered out spec limit templates.
- Gus Wagner: Does your LIMS system integrate with your lab equipment?
 - No, not yet.
- Lock Sample
 - Diane: Locking Samples functionality is being used. Taking advantage of this.
- Additional Sample Data
 - Scott Seiter: There are states using those fields. Is there a way to choose to not use the auto population?
 - Daryl Bushika: Remark out the code in the custom PBL.
 - Scott Seiter: If there are new fields in there, maybe this could be placed into the System Operational Parameters.
 - Brad Parks: With NGT you could set up your own fields and use it how you want. Sample Type is another field like that.
- Remarks Bubble
 - Kelly Kelley: How are you utilizing the Remarks if you are moving this from person to person?
 - They have been left how they are. LIMS has similar remarks like the DWR.
 - Each user level will have their own bubble but somehow they are brought together in the end?
 - Yes, similar to the DWR Remarks with the little green checkmark that indicates there are remarks.
- Enter Test Results
 - Queues are filtered before the user gets to their screen along with their qualifications.
 - Different testers will view different tests.
- Maintain Test Queue
 - Can modify Priority, Due Date, and Testers
 - The Testers column is not using the Tester table in SiteManager. It is using data in another test table.
 - Does this take care of maintaining the prerequisites of tests?
 - Not in this window, but in the Test Triggered Events window.
 - Daryl and Dave explained number schemas.
- Test Triggered Events

- Identifies test schema for Test Method which includes Test Method, Material Code, Sample Type, From Test Status, to Test Status, Trigger SN, Trigger Test, Trigger To Test Status, Exec Object Type, and Exec Object Name fields.
- Patrick Byron: That works with the global tester checkbox?
 - Yes
 - Brad Finch: Can you setup profiles?
 - Only has to be set up once. It will kick off test schema
- Bob Marshall: What are you doing for an audit trail?
 - Every time a test changes status, it is tracked. Every time a sample changes, it is tracked.
 - Vision for the future, is get performance measures and get status and see how long it takes for people to perform their task.
- John Carpenter: Is there a way to see if the queues are backing up?
 - You can run reports based on that. If you are at a test review, you would have certain icons to look at the rolls and check to see.
 - Open Sample Records window is a beefed up version of the Find Sample window. Displays a 'View-Only Sample Information' window with sample details displaying in the lower window. Lists Samples in the top window.
 - Dave Bernard: Back log has save feature to build queries only once.
 - It also includes tabs with LIMS information, and has securities set by tab level.
 - Can move columns around so that you can see what you want to see. This is on a machine by machine basis.
 - 'Yippee'
 - The layout is stored in the SMAPP directory.
 - With Citrix, envisioning to go from machine to machine and your profile will follow you.
 - The Sample Details tab displays cleaner information that what is displayed during the demo.
 - Gus Wagner: Is the testing of certified material incorporated into LIMS?
 - All testing is incorporated into LIMS.
 - Gus Wagner: Do you handle the tests differently based on pre approved material?
 - Could be set up to be differentiated by Sample Type.
 - Patrick Byron: How would you step through this process for a stream line process, like certification or visual inspection?
 - It would be very similar. Steps would be set up in the queue differently.
- Auto Finalization
 - With our current LIMS system the sampler enters tests, a tech enters test results, and a supervisor reviews them. Set it up in the Default Test Assignment in the Criteria to set up auto authorizations. When the review has been performed, the system will auto authorize the Sample record.
 - Materials Code, Sample Type, and Lab Unit combinations can be set up for work flows. Several combinations could be created.
 - Default Tests is where you would indicate a Required Assigned test.
 - Auto Final Ind would be checked on here to.
 - Gus Wagner: Would all five tests have to be checked for the sample to be auto finalized?
 - Yes
 - Brad Parks: Would there be a situation where a mix and match would not have all five auto finalized or not?
 - Probably not
 - Brad Finch: Is there a way to add a sample with the same information as an existing sample?
 - Copy feature is available.

- Brad Finch: Revised?
 - Haven't talked about that yet, but LIMS works the same way with Revised. It will have you go through the test assignment again in case you wanted to assign tests differently.
- Remarks
 - Daryl displayed Remarks from Review Tests window.
 - After saving, go back to Technicians queue and the Retest is filtered to the top of the list. Retested, added remarks and the checkmark shows up. Should be able to read each other's remarks; however, only enter your own remarks and cannot modify other remarks made.
- Can meet on Wednesday afternoon to continue questions and answers. Reviewed it with Central Labs, Regional Labs, and Field Units to get their input.

2.9.2.5 Wrap Up

- Dave commented on the LIMS status.
- NYS attorneys said we have NYS business law that precludes us to give away a state asset if someone benefits from the asset. Not as simple as giving it away and everyone gets it. Don't know what the TTF wants to do with this. Would like to get a sense from the TAG itself to see if the functionality of this would be included in the SiteManager system. The lab piece has always been missing. Need the states to speak up to see if you want to talk to the TTF to see how to get the states this thing. Anyone who wants to endorse this to speak up.
- 1. Scott Seiter ~ Oklahoma: Chomping at the bit. Need to hear from states that are in implementation. Would resolve complaints from users to make the product a lot better. Need something like this, but need to hear from states using SM.
- Rick Yunker: That's some of the overhead in getting it into the generic package for other agencies to use it. That's the same for NGT. Need for migration.
- 2. Gus Wagner ~ Minnesota: Very interested
- 3. George Cornelius ~ Montana: Very interested
- 4. Brad Finch ~ Nebraska: Very interested
- 5. Patrick Byron ~ Missouri: Faster they get their hands on it the better.
- 6. Mark Higdon ~ Kentucky: Very interested
- 7. Charlie Brown ~ Alabama: Very interested
- 8. James Williams ~ Mississippi: Very interested. From a general standpoint. Would be interested in it being a part of SiteManager, and not going through a separate system. Prefer integrated.
- Jim Johnson: It's good to know that there is a good support to go forward. New York has a pretty good set up for going forward. Way it has to go forward is do we want to go forward as an enhancement? To make it generic, there are fields used by other agencies. There is a cost associated with it. Have a policy for not including enhancements other than the benefit for the user community. It is. Working with NY, intellectual property with New York and AASHTO. Jim can get with Jim Ramsey. First is getting this group to go forward, and then working with New York to go forward.
- Dave Bernard: New York can commit to that right now.
- Jim Johnson: If this is something important, the TTF would make a consideration.
- Debbie Postrk: From construction side we showed this to the inspectors and by putting this in as a button, this is *exceptional*. Should look at this from the construction side to.
- Jim Johnson: Tomorrow is the construction side and it needs to be brought up.
- Jody Bachini: Has anyone talked with FHWA due to the software they have where an interface of data would be a great benefit to them to.

~Lunch to 11:30 am to 1:00 pm~

2.10 Discussion of remaining TMR's

2.10.1 Enhancement 9066 Continued

- Joni Wissinger: Is anyone looking at attachments, specifically archiving and how to use them and what software is used?
 - Brad and Gina replied for Kentucky.
 - Wayne Weick: IT added attachments to the database. They decided to make use of the department's document content management system. It is a Microsoft product. Data Document management system. Add URL in SiteManager to get to document in content manager. Unfortunately it takes as long to attach a 128 kb URL as it does a 100 page document. Don't know why. That is the 64 dollar question. It was a performance issue. Micah has figured out a way to note something like a report and put it in the Correspondence Log and when he does reports, it indicates that it is available. Not going to be able to retrieve attachments in Standalone.
 - Lee Burbach: Limit to 8 MB size in storing attachments. When storing data as it is archived, putting data into DSS.
 - Joni Wissinger: Will it be in NGT?
 - NGT will be a unified database. They won't move at all, but will be available for access from each module.
 - Wayne Weick: If used in NGT, and use document manager, then we really need some enhancements for documents.
 - Brad Parks: They are seriously looking at the attachments, so go out there and take a look at it.
 - Rick Yunker: Assuming they would be like they are now. Don't want to take away the functionality they have in place.
 - Brad Parks: It would be good however to have issues out there in the forum.
- Two people from NY have volunteered to be in the demo room tomorrow if anyone has any questions.

Request to add a print button to the Sample Information Test Template window.

- Submitted by Richard Sheffield of MSDOT in 2004 with SiteManager version 3.4a.
- A motion to upgrade the priority of this TMR to Medium in order to include functionality in NGT was made by Patrick Byron.
- The motion was seconded by Dave Bernard.
- All were in favor.

2.10.2 Enhancement 9080

DWR work item window – Report Material Quantity

- Submitted by Stu DeWitt of TxDOT in 2005 with SiteManager version 3.6a.
- Susan Powe: Confusing terminology on this. Installed Materials Quantity would like it to be Calculated Reported Quantity.
- Gus Wagner: Is this Construction or Materials?
- Rick Yunker: Added to DWR area to give the project inspector additional information to help them meet the requirements. It is a construction and materials issue. Should be handled in the Construction TAG.
- Dave Bernard: Leave it on Materials docket or move to Construction?
- Gus Wagner: What would occur in NGT?
- Rick Yunker: There won't be a DWR to place it on so it would be construction.
- Tom De La Portilla: Texas agrees to bring it to the Construction TAG. **AI** – Susan Powe will bring TMR 9080 to the Construction TAG.

2.10.3 Enhancement 9218

Geographic Area Name does not display in Sampler picklist on Sample Info screen

- Submitted by Dave Bernard of NYSDOT in 2006 with SiteManager version 3.6a.
- Dave Bernard: Nuisance in that the code is displayed instead of the description (Figure 3).

Sampled By	Inspector Name	Geographic Area Type
33668333	Alan Tucker	STAN
41250641	Richard Plogger	STAN

Sampling and Testing > Sample Information > Sampler > Search > Geographic Area Type (Figure 3)

- No comments or questions

2.10.4 Enhancement 9486

Add attachments functionality to SUPERPAVE Mix Design window

- Submitted by Wayne Weick of LADOTD in 2006 with SiteManager version 3.7a.
- Wayne Weick: It's another 'attachments' functionality. TMR 9066 referenced three other related ones. If following suit, we'll reference the other three. TMRs 9066, 8507, and 9539 should be referenced on this one. **AI** – Wayne Weick will comment that the following TMRs (i.e. 9066, 8507, and 9539) reference this TMR (9486).
- TMR 9512: Will be referenced during the Louisiana's slot in the agenda this afternoon.
- TMR 9513: Will be referenced during the Louisiana's slot in the agenda this afternoon.

2.11 New TMR's

2.11.1 Enhancement 9539

Add attachment to Mix Designs, Stockpiles, Doc Submission & Doc Submission Review

- Submitted by Jim Hanley of NYSDOT in 2006 with SiteManager version 3.7a.
- **AI** – Jim Hanley will add a comment that indicates the following TMRs are related to this TMR (i.e. 9066, 8507, and 9486).
- Should they be bundled together or separated?
- Russ Barron: New York requested for an estimate to get all of the attachments added. If you would like to contribute to this enhancement, contact Pete Melas.
- Brad Parks: Want to share attachments within these windows right?
 - Yes.
 - That isn't something that does not exist. This is sharing an attachment between two windows.
- Dave Bernard: Info Tech is recommending adding a comment to clarify the description indicating that it is 'shared' amongst the two windows.
- **AI** – Jim Hanley will add a comment to TMR 9539 clarifying the description (indicate that it is 'shared' amongst the two windows).

2.11.2 Enhancement 9546

Contracts can be associated to Mix Design by users without update rights to window.

- Submitted by Scott Seiter of OkDOT in 2006 with SiteManager version 3.7a.
- Scott Seiter: Contracts can be associated to mix design by users without update rights to window. Anyone who has any access to that window can update contracts. Would like to see it fixed. No one noticed it up to this point. Want to bring this to the radar. Marked it as Urgent because only one or two people assign approval.
- John Carpenter: Emergency fix is posted. Montana also needs to get the fix.

2.11.3 Enhancement # (9572)

Change to Sample Information - Completion Date field Parameters

- Submitted by Scott Seiter of OkDOT in 2006 with SiteManager version 3.7a during the Materials TAG.

- Note: The number and description of this TMR was added after the meeting on Thursday, October 26, 2006.
- Description: Window: Materials Management / Sampling & Testing / Sample Information / Test tab / completion date field: An unqualified tester can choose a completion date, allowing the sample to be authorized, allowing the sample to satisfy contract Sampling and testing requirements, without opening up or entering any data in the Material Test Template. We are proposing that an agency have the option of setting a sys op parm that would require that data be saved in the template before the completion date can be entered. This would re-establish the intent of the qualified testers functionality added in a recent upgrade.
- Scott Seiter: Material user to test functionality based upon requirements. Except an unqualified tester could satisfy the sampling and testing requirements by placing in a completion date (Figure 4). At least one thing has to be entered into the code before you could put in a completion date. Have a System Operational Parameter so that it could be chosen to do this or not.

Actual Completion Date:

Sampling and Testing > Sample Information > Tests Tab (Figure 4)

- Rick Yunker: TAG needs to endorse it to get it submitted to the TUG.
- Scott Seiter: Oklahoma has an 'added enhancement to have an option to require that one field has to be filled out on the template before the Completion Date is entered'.
- Steve Gilbert: Clarified
- Brad Parks: It makes the system think everything is ok.
- Scott Seiter: Template is there, you just cannot get into the template to get anything added.
- Gus Wagner: If you are not qualified you shouldn't be able to fill out the template.
- Brad Parks: Resolving the problem that you shouldn't be able to save the completion date so that an unqualified person wouldn't be able to save the completion date.
- Rick Yunker: Write TMRs so that it describes the problem without a solution.
- **AI** – Scott Seiter will write up the TMR and Rick Yunker will help him write it up.
- A motion to accept the new TMR was made by Scott Seiter.
- The motion was seconded by Brad Finch.
- All were in favor.

2.12 Louisiana Proposal for several SiteManager Materials enhancements

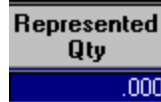
1:40 pm

Beth Roberts: Project Manager for the Materials Implementation. We're now into a 17 month implementation plan. Working full time, have assistant working ½ time. There are 25 people who have volunteered; 7 of 9 districts, headquarters, Construction, Construction Audits, Contracts and Specs, and Research. Research wants all data so they wouldn't have to handle specifications. Reviewed all processes and coming up with areas they would like to see change so that Louisiana doesn't have to change a whole lot. Qualified Products List has over 400 different suppliers. We have come up with a process for those to be populated in the Approved Lists. Rick will display a few areas they would like to have enhanced a bit.

2.12.1 Represented Quantity

Louisiana would like to create an enhancement for the total amount entered into the Represented Quantity field on the Contract tab, to not exceed the total entered into the Represented Quantity on the Sample Data tab of the Sample Information window.

- There is a Sys Op Parm for Rep Qty being required on the Contract Tab (Figure 5).



Sampling and Testing > Sample Information > Tests Tab (Figure 5)

- If there are multiple contracts using the Represented Quantity, the Repr Qty on the Basic Sample Data tab (Figure 6) could not be exceeded from the total of all contracts.



Sampling and Testing > Sample Information > Tests Tab (Figure 6)

2.12.2 SUPERPAVE Mix Design

2.12.2.1 Attachment functionality for SUPERPAVE

- Had discussion on attachments earlier in the meeting.

2.12.2.2 Generic Field for SUPERPAVE or Custom Contract Record

Wayne Weick presented.

- Wants to capture some 20 additional data fields. The generic fields come to a chunk of fields and other agencies may not want to have that many. Why have a custom template in this area so that generic fields could be made on the fly?
- Custom Template is available but it only shows up in the Contract Record area. There are some TMRs, but that is only for the Custom List Record. The Custom Contract Record works fine.
- When you associate template with Mix Designs there would be a Search Lens embedded on the Description tab. The Custom Records have to lock when the Mix Design is approved. This added a little bit of scope to the project.
- While looking at this, who's to say it's not concrete? While we are doing this, you may want to get some of the other agencies for other areas. If other agencies would be interested in this, then we could increase the scope of this. We are prepared to go ahead with what we want to implement this next year.
- Diane Menz: There are no computed calculations available in the Custom List & Record.
- Rick Yunker: If other agencies wanted...
- Diane Menz: No export capability in PowerBuilder.
- Rick Yunker: Quick way of getting generic fields into the application without too much of an added cost.

2.12.3 Summary

- Wayne Weick: To sum it up, attachment issues are taken care of. There is this one for SUPERPAVE, and the one for Sample Represented Quantity.
- Gina Merseal: Clarified Repr Qty purpose for Montana.
- Rick Yunker: Sample has to stay open as long as you are entering data on the Contract tab. It cannot be Authorized until the total Represented Quantity is the total of the Contract Represented Quantity.
- Scott Seiter: It needs to be an option of using this. OkDOT doesn't use this field. Turn on represented quantity on the Contract quantity, but not the Represented Quantity.
- James Williams: Have a different take on this like OkDOT has.
- Rick Yunker: What we need to do is have three different options
 1. Rep Qty: Not Required, Repr Qty on Sample Data not required.

2. Rep Qty: Required, but Repr Qty on Sample Data not required.
 3. Rep Qty: Required, and Repr Qty on Sample Data required.
- Wayne Weick: Would like to have it as a part of the generic product. If it gets points, but Louisiana pays for it, then it could be put in the generic product. Louisiana does not want to wait for NGT.
 - Scott Seiter: Are you sure you wouldn't export it?
 - Wayne Weick: If we asked for 20 fields and another agency wanted more, then the enhancement would be of no use to you.
 - Scott Seiter: The ability to enhance that template in PowerBuilder...
 - Steve Gilbert: Capturing data that is already there. Not calculating data. You can go into a template and reference data in mix designs. Material templates would be different here.
 - Rick Yunker: At JAD session it was discussed to add generic fields here. The custom List would be another step to add more fields.
 - Wayne Weick: A little more flexible than generic fields. If anyone is interested, talk to Beth, Rick, or Wayne.
 - Rick Yunker: If you are interested in getting it applied to other Mix Design areas, could review scope and possibly apply this functionality to other Mix Design areas. Now would be the time to economize the design effort.
 - Dave Bernard: Any other areas?
 - Monelle McKay: One of TMRs is for attachments. Would you be able to attach an Excel spreadsheet?
 - Beth Roberts: We have an enormous spreadsheet with 30 tabs that we want to go away.
 - Rick Yunker: No limit on number of fields you could store in a custom list template.
 - Jody Bachini: See if Preconstruction and Contract Management use this information. Extract data out of SiteManager and create reports.
 - Rick Yunker: TMR numbers are 9513 Sample, 9512 Custom Template, 9486 is the Mix Design Attachment, and 8531 is the generic fields. Louisiana would prefer the custom list template.
 - Scott Seiter: Oklahoma has already dropped the desire to have generic fields.

2.13 Kentucky Spreadsheet Functionality for SiteManager

2:10 pm

Mark Higdon: Been with KYTC for 15 years in Materials and is now working on the Kentucky SiteManager Materials Implementation

Brad Parks: Been working with Kentucky very hard on this application.

Mark Higdon: Not a new idea, what we have been doing with spreadsheets for ten years. Know a lot of you are doing stuff with spreadsheets for quite some time. Just wanted to show you what we do have. Haven't named this animal yet, but will.

- Contractors fill out spreadsheets, submit to KYTC, and it is imported into SiteManager via a web application.
- The person who wrote the application was not able to attend today, but will try to answer the questions.
- Displayed an example spreadsheet.
- Brad commented that they are storing the mix designs in a spreadsheet with a corresponding sample. They have a one to one mapping between the sample and the spreadsheet.
- Giving immediate data to contractors on QC/QA on how they are doing at the lot level. Then they can look at lot data over the long run. This information is housed.
- Gus Wagner: One of the biggest problems we're having is that we're doing more and more QC/QA and they don't match. The contractor says that if it doesn't match, they want to let them know up front quickly that it doesn't match. Does this allow you to get this back to them quickly?

- Mark Higdon: Most cases the QC/QA samples are taken right beside the contractor so they know what the test results are. A lot of the time they are done right there using his equipment. Haven't needed that type of time frame.
- Dave Bernard: Aren't they supposed to be adjusting their numbers according to QC?
- Russ Barron: If there is a deviation between the test results, their big point is that they can see a discrepancy and you cannot wait a month or two to get this to us.
- Test results displayed via the web?
- Diane: Are they getting valid data when there are changes to the data? Pulling data from the data freshness, knowing that the most accurate data is out there for the contractors.
 - Brad Parks: Left that up to the disciplines. Most of the validations are in the webapp loading.
 - Diane Menz: Are the contractors running that process?
 - No, the agencies are performing the QA analysis and then importing it into SiteManager.
 - If there is an error who is fixing it?
 - Depends upon the error.
 - Diane Menz: NY is looking at getting the producers to add information directly into the database.
 - Brad Parks: You could have a standalone issue.
 - Diane Menz: They are planning on using Citrix.
 - Beth Roberts: Don't have that problem
 - Tom De La Portilla: Not completely covered for the network. Don't see it going completely away from the spreadsheets.
 - Gus Wagner: Even if you do have network connectivity, is now you have the materials tester and you are trying to troubleshoot connectivity. Having problems, what do you do? Performance requirements are issues.
- Gina Merseal: There are several agencies that have built something like this, but what should be done in the future with NGT?
 - Rick Yunker: Templates are wide open and how to figure how to use it along with standalone.
- Scott Seiter: On QC/QA spreadsheets are there multiple tests, if so would they create on record?
 - No, if there are multiple samples that need to be generated, then special characters are concatenated for sample IDs.
- Charlie Brown: How do you handle different versions of Excel?
 - Haven't run into that problem yet. The biggest user base we work with is Asphalt Contractors. We specify what they have to have in our notes, and they comply. Hasn't been an issue, but it could be. Been using the Asphalt sheet for ten years and haven't had any problems yet. Usually contractors have upgraded versions more than we do.
 - Kevin Thornton: Verifying that the spreadsheet came from the lab it is expected to come from?
 - It is handed to us in several ways (e.g. disk, email).
 - Kevin Thornton: This is one of the first questions we had. If it was submitted to you, how can you verify it?
 - It is something we haven't looked at yet, but is something we should probably look at.
 - Gus Wagner: Would say there are ways you could verify this.

~Break 1:45 pm to 2:05 pm~

2.14 Update on Michigan's NGT Materials Management Project

3:20

2.14.1 DEMO NGT Materials

Marty Foster from Michigan gave a presentation on the NGT Materials Management Pre-Work Project. Marty thanked the Materials TAG for attending this presentation so that it would only have to be given once.

2.14.1.1 Pre-work

Few years back looked at Materials area and noticed that there were areas we didn't like. Moving Materials approvals into our Materials Piece. Currently take approvals and hand enter the approvals into the field piece. Looked at SiteManager and came up with a list of enhancements that could help us and the users of materials. Discussed this and got approval from Task Force to move forward. At that time there was a rewrite with NGT. Had to stop and reevaluate. We chose to begin helping to jump start the NGT Materials.

- Began with a first Sprint in January 2006
- This took approximately 15 to 20% of the resources to look at materials side based upon the back log items that were identified.
- Summer of 05 had two JAD sessions in Atlanta on Materials functionality. Better than half of the TAG members attended both of those JADS. From that meeting there was a list of back log items established.
- Didn't want to wait for NGT, and with some discussions with the TTF, wanted to start beginning stages of NGT. That's how we were able to jump in the January 06 sprints through May.
- Stopped until September due to conflicts and will run through November 06.
- Most everything runs off of reference files. Piggy backed on data created to Phase 1 Construction NGT, and began adding reference data related to materials.
 - Materials, Sources, and Facilities
 - Sample Types, Test Methods
 - Basis of Acceptance
- Began working on Certified Materials and Pre-tested Stock Material
- With what Rick will show, you will be able to see the certified materials and pre-tested stock.
- You'll want to get to the preview site. Get to the forum and add comments, then get back with Marty or any of the other Task Force members.
- Hoping to have next phase begin by December 06/January 07.
 - Material Relationships
 - Pay Items, Test Methods, Basis of Acceptance
 - Notification Process: Don't really have a set direction as far as this goes, but it is an area we want to look at. Listening to the preconstruction phase to see how that goes. Want to start taking a look at what kind of architecture is out there.
 - Unit code table
 - Gradations for materials
 - Other AASHTO NGT Web Standards – As a standard is applied, it can be taken advantage of to have the same look and feel.
- AASHTO Solicitation
 - Looking to get good support. Had agencies that were involved at that time with pretty good support. Hoping agencies will continue to offer support at that time. Some of the following areas are still open; prioritization of back log items would be prioritized by the TRT that will be established for this.
 - Looking at Sampling and Testing Requirements.
 - Tests and Fees

- Online Submissions for Non-Agency Users; using FieldManager and FieldNet. Have contractors using and getting data from us. Know there are others out there who do not have access for this, but am looking at this as an exception, not the norm.
 - Pre-tested Stock
 - Certified Materials
 - Material Sources
- Transfer of Information
- Integration of LIMS functionality
- This will take some time; won't happen overnight. Excited about it and are continuing to put money into it as we can.
- Questions: After Rick gets done we'll be glad to address them.

2.14.1.2 Demo of NGT Materials

This demo was performed by Rick Yunker.

- Navigated to the Cloverleaf. If you do not have a User Name, encourage you to get one.
- Message Board
 - Anything that is the color red has an update to it.
 - Topics will be added to the Forum based upon the needs of the User Communities.
 - You can post a reply to the conversation thread.
 - You can subscribe when a new posting has been made to an area you are interested in.
- NGT Preview Site
 - Login ID will be Cloverleaf Logon
 - Password is Cloverleaf user password
 - At the top
 - Preconstruction
 - Materials
 - Reference Data
 - System Management
 - Materials List includes a listing. There isn't an Add function. Import into database function. Want to maintain in NGT.
 - Reference Materials List
 - You can edit columns in list.
 - Source List
 - Source List > Facility List > Facility ID > Facility Materials
 - Database Administrator: Home > Source List > Source 001 > Facility List > Facility 0001 > Facility Material List
 - Once you select the material to associate to the facility, then you can choose the 'Certified' or 'Pre-tested' option. You can multi-select.
 - Select the Add button and they show up on the Facility Materials List.
 - Pre-tested stock is where an agency tests a stock of material and can be shipped out to areas of shipment.
 - Currently the Sample ID is a text field because there aren't Sample Records in NGT right now.
 - Due to audit tracking, when saving the record you receive a message indicating that the record will be locked.
 - Do not have contracts in NGT yet, so associate to Proposal.
 - If you make a mistake, add a negative quantity.
 - If a negative quantity is entered, a remark is required.
 - If you drill into the Transaction List, it displays the Available Quantity.
 - We envisioned that the source could post their transactions. Facilities cannot ship to themselves.

- Have checks set up so that information cannot be entered inappropriately.
 - Certified Material List
 - Set up basis of acceptance. Agencies wanted to set up requirements on the source, so that if the source was performing well, they wouldn't have to test them as much.
 - Sampling rate and frequency and expiration date fields are available.
 - When the Effective Date has exceeded, then the records are locked.
 - Once basis of acceptance has been set up, the test methods can be associated. Right now there is just a listing of test methods.
 - The sample size and sample unit is tied to the test.
 - Certified Shipments
 - Agency approved that source to provide material on demand. Only a validation test would be performed to approve that source. Envisioned that the contractor or source could post their shipments. Back Log is that agency will have ability to accept the shipment.
 - Shipping to a proposal at this point because there aren't contracts in the system.
 - Edit checks are on the fields for data validation rules.
 - Schedule Validation List Process
 - Time based process for verification. If a state has a requirement that there has to be an annual audit then this is where the audit is posted.
 - Cannot view this area during the demo.
 - Quantity Tracking Record List
 - Views sample shipment and indicates if you have exceeded
 - Certified Materials Shipment List
- 📄 Note: There are acceptance tests that the designers have to design against. They've had some problems so that they've had to turn off processes. Someone turned off message. Prior to release, someone will go into here and ensure processes are turned on.
- System Management
 - Where users are established in NGT.
 - Displays roles assigned to the user.
 - Pages are displayed and you can set up Access Rights for each Page ID.
- Reference Data
 - Added all code tables that were in preconstruction. Adding code tables associated to NGT Materials.
 - Edit Column Settings: Location to modify column settings. Needs to always total 100.
 - There is a sort on the page when you click on the column header.

2.14.1.3 Questions

- Dave Debo: Where are the system requirements? Are they documented anywhere? Like how the system works and how it is being developed?
- Rick Yunker: They haven't gotten to a point to generate the business rules. The user story and acceptance testing for now is where you can see the requirements.
- Dave Bernard: If that is where the requirements are, then that is
- Joni Wissinger: Is there a reason for the total of the columns to be 100?
- Tom Rothrock: It's a window percentage, not a column width.
- George Cornelius: If you add columns, do you have to go in and resize the columns? When you uncheck a column, is it automatically resized?
- Rick Yunker: It is reduced, but will have to manually have to increase the value to 100. Where do you add the column widths? It is user decision. It does calculate the total.
- George Cornelius: Maybe a default setting and modify as you want.
- Monelle McKay: A default formula.
- Rick Yunker: A user story

- Sheri Meyerhoff: Who were the original people that made this?
- Rick Yunker: JAD session in 05 NDOR, TxDOT, OKDOT, KYTC, MoDOT, FDOT, Michigan, NYSDOT, and InDOT
- Sheri Meyerhoff: Is there a group of people that are comparing it to the proposal through award?
- Rick Yunker: We do what TRT tells us to do because Michigan is paying for it.
 - There is a monthly teleconference where they review what has been done. It gets user committee input and that is important to the TRT. Can surely set this up.
 - Marty Foster: It is also reviewed by the TTF.
- Brad Finch: Is there a legend for all the name changes?
- Rick Yunker: If you don't like the naming convention you can make modifications to the meta data. Will be glad to sit down with you some place and show you. There is on line help.
- Marty Foster: With column settings, those kinds of decisions were made in the construction phase so a lot of what you see was standardized.
- Rick Yunker: TTF was the TRT for NGT Pre-Construction due to a lot of standards being decided upon. At the first day of the sprint, it is a planning day for the team. They go through the back log. Velocity is 200 points for the sprint. 50 for preconstruction and 150 for construction. This is how they define the work for the sprint. The highest priority of the logs are the first ones chosen. If a story is more than 10 points, they try to break down the stories down to 10 points. TRT will be important effort in developing this.
- Joe Bouchey: Was anxious to create User Stories after last TUG (so that he could be the first one). Move preconstruction information such as special provision yet?
- Rick Yunker: No checks and balances for move to Materials yet. Good example of User Story.
- Tom Rothrock: All User Stories and Test Cases and User Forums are on the NGT web site and he will demonstrate that.
- Dave Bernard: Supervisor called him and told him about this and asked him if he was keeping up with this.
- Jim Hanley: With a unified database how do they handle the differences, like roles Preconstruction uses roles and SM uses security settings.
- Rick Yunker: Not defined yet. Pre-construction is using roles now because it is being developed.
- Cliff Farr: You mentioned that what is being done is because Michigan is buying it, but it needs to be mentioned that what is being done is because they were the highest on the back log.
- Rick Yunker: TTF and Michigan review monthly what is in the product. At the end of the month they have a demo. In this case it is the TTF and Michigan. The developers show them the functionality that has been developed in the last month.
- Brad Finch: How does that information from the demo transferred out to the users?
- Rick Yunker: At the end of the demo, the preview site is upgraded to the new code.
- Marty Foster: That's why it's important to take a look at what has been going on out there, not only on the materials side, but also with the preconstruction side. It's been out there for over a year now. If you want to be included in the decisions, you need to stay involved and add your comments.
- Sheri Meyerhoff: Is there a summary as to what changes have been made in the last month?
- Rick Yunker: Ian is probably going to go over that during his demo.
- Brad Finch: That is the same question I was going to ask.
- Rick Yunker: The only way to give information back for the material effort is in the Forum. Monitor it. Ian Baldwin is the Business Manager and is overseeing the Preconstruction and Materials projects.

2.15 Wrap Up

- 📄 NOTE: The Materials TAG has reserved a conference room for Wednesday, October 25, 2006 from 2-4 PM if additional discussion is required, or if the TAG wishes to have informal round table discussions similar to 2005.
- Dave would like to know if you would be interested in having a small meeting on Wednesday from 2 to 4. Would offer another chance to view LIMS. Future direction TTF would like to move to.
- Brad Finch requested a Webinar to view this. George Cornelius and Scott Seiter are interested.
- Motion to adjourn was made by George Cornelius
- The motion was seconded by Scott Seiter.
- Meeting adjourned at 4:30 pm

3. Review Action Items

1. **Scott Seiter** will create a discussion on the NGT Forum about equipment requirements, and will also create a TMR for calibrated equipment.
2. **James Williams** of Mississippi will send a request to Customer Support to increase the priority of TMR 8080 to Medium.
3. **James Williams** of Mississippi will send a request to Customer Support to increase the priority of TMR 8081 to Medium.
4. **Steve Gilbert** of Vermont will add a comment to TMR 9052 to include a 'Distribution List'.
5. **Dave Bernard**: Comment to add TMRs 8507, 9486, and 9539 will be added as a comment in TMR 9066
6. **Jim Johnson** will get the cost of the proposal for NGT to the Materials TAG.
7. **Susan Powe** will bring TMR 9080 to the Construction TAG.
8. **Wayne Weick** will comment that the following TMRs (i.e. 9066, 8507, and 9539) reference this TMR (9486).
9. **Jim Hanley** will add a comment that indicates the following TMRs are related to this TMR (i.e. 9066, 8507, and 9486).
10. **Jim Hanley** will add a comment to TMR 9539 clarifying the description (indicate that it is 'shared' amongst the two windows).
11. **Scott Seiter** will write up the TMR and Rick Yunker will help him write it up.