Work Plan Update:

- A1064-keep year designation? These changes are documented in AASHTO R53

iEngineering Enhancements

- **ACTION ITEM:** Add automatic email failure notification for technical committee, manufacturer, and all DOTs when a state posts a failure notification
  - Technical committee first for agreement
  - After an approval, to the manufacturer – all DOTs

Welded Wire Fabric

- A collection of states will put out a letter in May to notify manufacturers that they will be requiring the program starting January 1st.
  - Gives a year for manufacturers to become NTPEP compliant

Industry Feedback

- **ACTION ITEM:** Need for a list of NTPEP recognizing states
  - Please send AASHTO a copy of specifications for manufacturers benefit
  - A categorized spreadsheet will be developed and put on the NTPEP website.
  - Links in place to take the manufacturer to the individual state specifications, email, state’s website, or a brief description.
  - Katheryn will send out an email to all NTPEP voting members to make a better attempt at getting all of the states to provide this information to be put on the website.

- **ACTION ITEM:** NTPEP will provide a presentation at the SOM meeting in August to market the NTPEP Program and make the attendees aware of what is happening in NTPEP

CRSI Update:

- Pursuing ANSI certifications
  - Publications
  - People
  - Products/Processes
- Goal-launch program for fabrication of steel
- Work plan needs to be created
- ACI 318-will include adhesive anchor system design (will be released in July)
- 2011 marks the 20th Anniversary for the Epoxy Coated Certification Program-CRSI wants to make this program better (looking for industry from states and throughout the world)
- Methodology for determining yield strength for reinforcing steel (0.2% or 0.35):
  - CRSI has formed a task group to figure out what this language should be
- CRSI is going back to having inch pound units on rebar
- IL DOT Update (third party split sample testing):
  - 9 sets of bars-7 sets completed
  - Discussed the data spreadsheet and what the components of the spreadsheet mean
- Future:
  - AASHTO will send out a survey to the NTPEP voting members to see what additional products need an Audit Program.
  - 7 strand wire:
    - Would states benefit from audit Program? Most states present did not think an Audit Program is needed.
- Bar Markings:
  - CRSI is looking into issuing a pocket sized book to allow inspectors to have pictures of each facility’s bar markings
AASHTO’s 2011 NTPEP Annual Meeting

Reinforcing Steel Technical Committee Meeting

San Antonio, Texas
Thursday April 21, 2011

Katheryn Malusky
NTPEP Project Engineer
• Number of Participants
  - AASHTO Member Departments
  - Industry
• Revisions to NTPEP Work Plan (draft)
• Failure Notification Form
• Changes to Program
• Welded Wire Reinforcement (WWR)
• Feedback from Industry
AASHTO Member Dept. Participation

Users vs. Calendar Year

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Revisions to NTPEP Work Plan (draft)

- Fees removed from work plan
- Wire and welded wire reinforcement added to work plan

5. APPLICATION FOR AUDIT AND PRODUCT TESTING

Any manufacturer of reinforcing steel as defined in AASHTO R53, may participate in the program. All costs for participation in the program, including the NTPEP auditing and administrative fees, are to be borne by the manufacturers. Any testing above and beyond the basic NTPEP program requirements shall be at the expense of the state DOT/transportation agency or as provided in its specifications, unless the tested product(s) does not meet the specification requirements, in which case the manufacturer shall bear the cost of testing and any subsequent re-testing required. Of the state DOT/transportation agency or as provided in its specifications.
5.4 Resolution of Audit or Testing Failures and Disputes:

Inevitably, there are times when the sample to meet specification requirements when tested by NTPEP or when the manufacturer is found, during an audit, to have neglected one or more aspects of the governing QMS during manufacturing. Retest samples (which need to come from the original heat number) will need to be sent to the original third party laboratory to compare test results. If the results are passing, the sample will be added to that particular manufacturer’s scope of testing. If the product fails, the burden will be on the manufacturer to identify the cause, document the resolution, and revise his QC plan to assure future conformance. All results will be reported.

1. Disagreements with NTPEP - Disagreements with NTPEP regarding test results will be handled as follows:

   a) The manufacturer should verify that his/her manufacturing process is operating correctly, that test equipment is calibrated, and that test procedures are correct. If these conditions are met, then test another sample, from the same heat number if possible.
   
   b) If the manufacturer’s test results on the second sample (which need to be tested by the original third party laboratory) are satisfactory, send one sample of the same product to the NTPEP verification laboratory and a second sample to NTPEP and request that the product be tested. NTPEP will consider the dispute resolved if the manufacturer’s test result is in reasonable conformity with at least one of the other testing facility results. If this is not the case, the manufacturer should repeat the process of checking the manufacturing process, the equipment calibration and the test procedures until satisfactory agreement with inter-laboratory testing is accomplished.

In the event a facility’s split sample results fail and/or they fail to submit their Corrective Action
2. Upon completion of the Desktop Review, an on-site audit will be scheduled.

2. Disagreements with the NTPEP auditor or audit team - Disagreements with the NTPEP auditor or audit team regarding procedural issues will be handled as follows:

   a) The manufacturer will notify the HDPEP Administrative Group Co-Chairmen (currently Mr. Ed Hughes) in writing of the dispute, providing appropriate documentation for the committee to fully understand the controversy, and request a resolution.

   b) If the dispute is not resolved to the manufacturer’s satisfaction, the dispute will be raised to the NTPEP Executive Committee Chairman (currently Mr. Thomas Baker) for resolution by the NTPEP Appeals Board. The decision by the Appeals Board shall be considered final.

   Note 2 - Please log onto the NTPEP website, http://data.ntpep.org/nap to review and download the following documents:

8. ANNUAL PRODUCT CONFORMANCE TESTING

8.1 The NTPEP program requires that bar samples be tested to determine conformance with the appropriate AASHTO/ASTM Materials Specifications.

8.2 The NTPEP Manufacturing Auditor will select two sets of samples during each annual mill audit. (one set to be tested by the mill, one set to be tested by the NTPEP third party laboratory)

8.2.1 Reinforcing Bars or Wires: At a minimum, a total of 30 bars (or wires), 3 from 10 separate heats (or lots) spanning the sizes the mill produces will be sampled and tested at the Mill’s laboratory facility.

8.2.2 Welded Wire Reinforcement: At a minimum, a total of 3 full-width sheets, 3 from 10 separate lots spanning the sizes the mill produces will be sampled and tested at the Mill’s laboratory facility
Failure Notification Form
Users are individuals associated with agencies who can gain access to restricted area on the AASHTO Web site. Each user is assigned access privileges based on their role with respect to AASHTO web services. Access to this area is restricted to the AASHTO Web site System Administrators.

**Application Fee Management**

This section provides the ability to specify fee management for different product types.

**All Evaluation/Audit Applications**

This section provides the ability to manage the submitted, pending, rejected and accepted evaluation applications.

**Mark Products Status**

AASHTO can review all product data including evaluation applications as well as test data. Status of data can be changed to make it accessible to users with different access rights.

**Testing/Audit Facility Management**

Testing/Audit Facilities are AASHTO member department and/or private sector laboratories that perform testing on the submitted products and report the results through NTPEP DataMine.

**Export Data**

The facility of downloading data for Products that was entered in the system by Manufacturer while submitting a product for evaluation can be exported and downloaded in Microsoft Excel file.

**Setup**

**Facility Assignment**

This section allows the system administrator to control access rights of users on PIPE and REBAR Manufacturing facilities of different manufacturers.

**REBAR Failure Notification Management**

This section allows the users to manage information for failed product in REBAR Facilities.
NTPEP DataMine

Home
My DataMine
Preferences
Help
Log Out

REBAR
Map
Search
Audit Results
Status Reports
Reports

Failure Notification Management

This section allows users to manage information for failed products in REBAR Facilities.

Selected Attributes

Submit Date: 2011
Manufacturer: ArcelorMittal
NTPEP #: REBAR-2011-01-001
Facility Location: 2404 South Roane Street

Message

Currently no failed product exists.
Changes to Program

- Split Sample Testing
  - Reinforcing Bars or Wires: At a minimum, a total of 30 bars (or wires), 3 from 10 separate heats (or lots) spanning the sizes the mill produces will be sampled and tested at the Mill’s laboratory facility.
  - Welded Wire Reinforcement: At a minimum, a total of 3 full-width sheets, 3 from 10 separate lots spanning the sizes the mill produces will be sampled and tested at the Mill’s laboratory facility.
  - Sister samples are sent to NTPEP third party laboratory for testing
- Addition of Wire and Welded Wire Reinforcement
Welded Wire Reinforcement (WWR)

- **Current Status:**
  - Zero manufacturers participating
  - Zero AASHTO Member Departments requiring participation (that AASHTO is aware of)
  - Audit documentation is completed and audits are ready to be scheduled and conducted

- **Goal:**
  - Have AASHTO Member Departments review Program requirements in order to implement it in their State
  - Recommend to manufacturers who produce WWR to participate in NTPEP Audit Program for WWR
Feedback from Industry

I am asked by our sales team from time to time about which states we are automatically qualified for by being a NTPEP certified mill. I have seen the map that Evan presented at the meeting last year which outlines the different level of involvement by the individual DOTs, but I can’t seem to find it on the NTPEP website. I remember seeing that some states exclusively used NTPEP, others accepted NTPEP but had their own QPL, while others didn’t recognize NTPEP at all. I think that having a list available which is updated as more states come on board would be helpful.
As we have discussed before, my primary concern about the program is its universal acceptance by all state DOT's. Last year we still had to send samples to NY and to West Va. Anything you can do to get these guys to join up would be greatly appreciated. Especially because this year we have to submit samples to your lab for independent testing. The cost of your program is about double what we pay for our ISO registration and we would like to get full value for our money.
Reinforcing Steel Technical Committee Chairman:
   Merrill Zwanka
   SC DOT
   Phone: 803–737–6681
   Email: zwankame@scdot.org

Reinforcing Steel Technical Committee Vice-Chairman:
   Ed Hughes
   IL DOT
   Phone: 217–782–4689
   Email: Edward.Hughes@illinois.gov

Reinforcing Technical Committee Industry Representative:
   Neil Anderson
   CRSI
   Phone: 847–517–1200
   Email: nanderson@crsi.org

HDPE Pipe Technical Committee AASHTO Liaison:
   Katheryn Malusky
   AASHTO
   Phone: 202–624–3695
   Email: kmalusky@aashto.org
<table>
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<td>SC DOT</td>
<td><a href="mailto:zwanka_morse@scdot.org">zwanka_morse@scdot.org</a></td>
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<td>IL DOT</td>
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<td>KS DOT</td>
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<td>Kenny Anderson</td>
<td>IN DOT</td>
<td><a href="mailto:kAnderson@indot.in.gov">kAnderson@indot.in.gov</a></td>
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<td>OK DOT</td>
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<td>Neal Anderson</td>
<td>CRSI</td>
<td><a href="mailto:anderson@crsi.org">anderson@crsi.org</a></td>
<td>(847) 517-1220</td>
<td>Yes</td>
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<tr>
<td>NATHAN STEWART</td>
<td>NUCOR-TEXAS</td>
<td><a href="mailto:nstewart@ncncor.com">nstewart@ncncor.com</a></td>
<td>(903) 686-6230</td>
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<td>DAVID LONDYER</td>
<td>CIC</td>
<td><a href="mailto:dlondyer@dcpd.com">dlondyer@dcpd.com</a></td>
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<tr>
<td>Steven Thomas</td>
<td>AHTO</td>
<td><a href="mailto:steven.thomas@arkansashighways.com">steven.thomas@arkansashighways.com</a></td>
<td>501-369-2377</td>
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<td>Gardner American</td>
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<td>Gardner American</td>
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<td>Josh Beasley</td>
<td>ACRA</td>
<td><a href="mailto:jbeasley@concrete-pipe.org">jbeasley@concrete-pipe.org</a></td>
<td>972-884-2966</td>
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<td>Julie Lambersen</td>
<td>MDOT</td>
<td><a href="mailto:julie.lambersen@mdot.state.md.us">julie.lambersen@mdot.state.md.us</a></td>
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Katheryn Malusky
Dan Stegmaier

National Transportation Product Evaluation Program 2011
Crown Plaza Riverwalk
San Antonio, Texas