Application Modifications and Enhancements

HiCAMS & DOH Vendor Version 8.7.1 were released Friday, 03/17/2023.

OVERVIEW OF THE RELEASE

- Hicams Application enhancements - in various modules related to JMF, Plastic Pipe, Precast Concrete and Prestressed FIRs, Plastic Pipe, Precast Concrete and Prestressed FIRs, Query Tool, Standard Reports, Subcontracts
- Vendor Application enhancements – Product Maintenance & Producer Supplier
- Data fixes for production issues in various modules

HiCAMS -

CONTRACT MAINTENANCE - Review Subcontracts

- Changed the Amount validation edit to verify that the Amount or Goal Amount is less than the Contract Bid Amount plus the total of the Contract Adjusted Amount. The Contract Adjusted Amount is the sum of all modified contract line item quantity, contract line item unit price for the contract. – SQA 22980

FIELD INSPECTION REPORTS (FIR) - Review Field Inspection Reports

- PRECAST FIR – Changed code to allow fields to be open for imported data from Producer – SQA 22971

- PRESTRESSED FIR - In Results Tab: Changed ICT data to Data Source, for imported row this will show the data source content in Producer table. Or will show ICT for non-imported row that were sent by ICT. This window will display imported Producer results and connect scanned Alt IDs – SQA 22961

QA/QC - Review Aggregate Failure

- Added Division Number to drop down list to filter by on window. – SQA 22965

PROJECT CERTIFICATION - Cross Module Data Report & Export

- Changed code to compare status with FIR Report status instead of Test results status. Now when running the Cross Module Data Report and Export Report for a Design Build contract report will return results based on status on Field Inspection Reports instead of Test Results status. – SQA 22976

STANDARD REPORTS

- The Recycled Material dropdown list changed to show **RAS/RAP** in order to report the RAS % and RAP % as one totaled amount in the report – SQA 22731

REFERENCES – Asphalt Mix Designs / Job Mix Formulas

- Asphalt Mix Designs/Job Mix Formula windows - added Mix Type field for the ability to identify the asphalt mix type on JMFs created in 2018 and forward. Samples with certain mix types require notifications and QAP Moving Average reporting. – SQA 22923

- These mix types are: B 25.0C, FC-1, FC-1 Modified, I 19.0C, P-57, P-78M, RB 25.0C, RI 19.0C, RS 4.75A, RS 9.5B (2018), RS 9.5C, RS 9.5D, RSA-1, S 4.75A, S 9.5B (2018), S 9.5C, S 9.5D, SA-1, UBCW B. Some of these mix types are listed in the mix design criteria table 610-3 defined in the QMS manual, and some were identified by the business owners of the AMD/JMF data. – SQA 22923

- Asphalt Mix Designs - Changed the order the year is displayed in the AMD Yr column on the window when creating New AMD by the newest to oldest date. – SQA 22999

ADMIN – Codes Tables

- AMD/JMF Asphalt Mix Types code table maintains the mix design criteria VMA@Ndes, %Gmm@Nini, and Dust To Binder, the 'target' values as defined by the mix design criteria table 610-3 in the QMS manual, and the mix types used on samples requiring notifications and QAP Moving Average reporting. (VMA@Ndes is the same as VMA %)

- These are the same mix types listed above under the Asphalt Mix Designs/Job Mix Formula windows section.

- The 'target' value is used as part of the of the logic to determine when a notification is required, and is displayed as the blue line on the QAP Moving Average report.

- The other mix design criteria, VTM %, Binder %, 1.18 mm, 2.36 mm, 0.075 mm, 12.5 mm, 4.75 mm, get the 'target' values from the JMF module as stated in the control limits table 609-1 in the QMS manual. (Binder % same as Total AC %) – SQA 22923

ADMIN - Contract Adjustment Approvals

- Modified Supplemental Agreement window to show the values the users enter (even if zero), it also allows blank out (null) a value if desired (even if a value has already been saved. – SQA 22998

ADMIN - Security

- Removed the Exclamation Point from text in Login window on Hicams and Vendor. – SQA 22983

QUERY TOOLS

- WBS – added two new columns to Query Tool
Administrative Division Number and Letting Date – SQA 22963

- Field Inspection – Added Query Tools to contain the data sent by the Producer
 for the Precast FIR and Prestressed FIRs – SQA 22960

- QAP - Aggregate – Added new columns Division and Sample Status to Query
Tool column display – SQA 22965

- QAP – Asphalt Test Results – Multiple changes were made to the query tool.
    - Removed Program Code column, the query tool now will show ONLY Asphalt samples and no longer show Aggregate samples.
    - Removed Material Type column; added Material Description column.
    - Removed HiCAMs Sample ID column because it was not helpful information; if the sample has been entered into HiCAMs, the Sample ID is noted in the Sample Comment column; otherwise if sample entered in QAP, there is no Sample ID.
    - The Sample Retake Code values in the column have been corrected: QA Normal Sample, QC Normal Sample, QA Partial Sample, QC Partial Sample, QA Referee, QC Referee, QC Replaced by Referee, QA Referee Partial, QC Referee Partial, QC Replaced by Referee Partial, Dispute Resolution, Verification, Verification Partial Sample.
      – SQA 22959

DOH Vendor –

PRODUCTS - Review Product Maintenance

- Increased the character field sizes in Review Product Maintenance module. On General Tab: Product Name - increase to 50 characters, Brand Name - increase to 50 characters, Model Number - increase to 30 characters. Composition/Formula- increase to 60 characters.
Dates Tab: Committee Meeting Comments - increase to 500 characters.
 – SQA 22249

- Changed the date format on Products Maintenance and Producer Supplier window to a 4-digit year – SQA 22986

PRODUCER/SUPPLIER – Review Producer/Supplier

- Change the field label QA Supervisor to Asphalt Pavement Specialist and add new field NCDOT Laboratory Supervisor. These fields will be used to identify whom to send asphalt sample notifications. – SQA 22948

QUERY TOOLS – Producer/Supplier – Facilities (General)

- Changed QA Supervisor to Added Asphalt Pavement Specialist and added NCDOT Laboratory Supervisor column. – SQA 22948