

# Application Modifications and Enhancements

*HiCAMS & DOH Vendor Version 8.5.3 were released Friday, 12/15/2017.*

## OVERVIEW OF THE RELEASE

- Application enhancements in various modules related to Contracts Details, Contract Adjustments, Subcontracts, Density, FIRs, Pay Records, Tickets, Sampling, Producer Supplier, Products and Query Tools.
- Data fixes for production issues in various modules.

## HiCAMS - General

- Various windows have fixes and/or new functionality.

## CONTRACT MAINTENANCE - Review Contract Details

- Updated the M&T Status Tab with three new Workflow Statuses: Initial Review, Material Review in Process and Void. The Void status can be used for actions entered in error. (SQA 22046, 22157)
- Added a Comment field for each Workflow Status row on the M&T Status tab. Able to query the Comment in query tool. (SQA 22047)

## CONTRACT MAINTENANCE - Review Subcontracts

- The Sharepoint contract sites will be updated with the subcontractor for each contract when a subcontractor is added in HiCAMS. (SQA 22160)

## CONTRACT ADJUSTMENTS - Review Other Line Items

- The function code will be set to 7620 when a Design Build contracts adds a Line Item from the standard Other Line Item list. (SQA 22103)

## CONTRACT ADJUSTMENTS - Review Supplemental Agreements

- The function code will be set to 7620 when a Design Build contracts adds a Line Item from the Master Pay Item list. The Set Line Indicator also defaults to 7620. (SQA 22103)

## CONTRACT TRACKING - Review Pay Records

- The Reviewed indicator is available for the Resident Engineers and Assistant Resident Engineers and can be selected to display the pay record was reviewed as long as pay record not yet processed, voided or paid. (SQA 22088)

## CONTRACT TRACKING - Pay Records Mobile Data Entry

- The Reviewed indicator is available for the Resident Engineers and Assistant Resident Engineers and can be selected to display the pay record was reviewed as long as pay record not yet processed, voided or paid. (SQA 22088)

## **CONTRACT TRACKING - Review Tickets**

- Added the Lot Number field to the Ticket window. (SQA 22110)

## **DENSITY - Review Density Other Nuclear**

- Updated the window with these fields: Station From, Station From Fraction, Station To, Station To Fraction, Length, Width, Min. Average Compaction %, Min. Compaction Shot %, % Comp Shot 1, % Comp Shot 2, % Comp Shot 3, % Comp Shot 4, % Comp Shot 5 (SQA 21971)

## **FIELD INSPECTION REPORTS (FIR) - General**

- Fixed the FIR Select window to display the correct Report Status; should be the same as displayed on the FIR window. (SQA 22130)

## **FIELD INSPECTION REPORTS (FIR) - Review Field Inspection Reports**

### **FIR - GUARDRAIL:**

- Fixed the Materials list on the Pay Items tab and Hardware tab so the entire material is displayed. (SQA 21863)

### **FIR - PRECAST CONCRETE:**

- Changed the Precast FIR window so the Air Content and Slump fields must be saved before Report Status set to Authorize. (SQA 22140)

### **FIR - PRESTRESSED CONCRETE:**

- Changed the Prestress FIR window so the Material Type and Material lists display correctly. (SQA 22092)
- Changed the Prestress FIR window so the Concrete Mix must be entered before Report Status set to Complete. Also ensure that a valid combination of the Contract, Material Type, and Material. (SQA 22090)

## **SAMPLING - General**

- The To Be Used In and Comment fields on the General tab has expanded so up to 512 characters can be entered (SQA 21760)

## **SAMPLING - Review Test Results**

- The correct Test Result is displayed and accessible when logged into HiCAMs using Citrix (SQA 22117)

## **PROJECT CERTIFICATION - Review Project Certification**

- The Criticality field now defaults to 'All' instead of 'Critical' on Contract Material Quantities tab. (SQA 22116)

## **PROJECT CERTIFICATION - Review Material Pre-Certification**

- The Material Deficiency Report generated from the Material Pre-Certification window now shows the Theoretical \$ Amount Value when project is 100% State funded, or has any Federal funding (FHWA Part) (SQA 22147)

## QUERY TOOLS (QT)

### QT - CONTRACTS:

- Able to query the Comments entered on the M&T Workflow Status tab (SQA 22047)

### QT - DENSITIES – Other Nuclear

- Updated the query tool with these fields: Station From, Station From Fraction, Station To, Station To Fraction, Length, Width, Min. Average Compaction %, Min. Compaction Shot %, % Comp Shot 1, % Comp Shot 2, % Comp Shot 3, % Comp Shot 4, % Comp Shot 5 (SQA 22120)

### QT - FIELD INSPECTION REPORTS – PRESTRESSED CONCRETE:

- Added look up values for Material Strength (Y-Standard; N-High) and Cap Used (Y-Neoprene; N-Sulfur). (SQA 22007)

### QT - FIELD INSPECTION REPORTS – ICT PRECAST DATA:

- The Inspection Date field now displays in the Display Columns section in the ICT Precast and ICT Prestressed query tool.(SQA 22129)

### QT - FIELD INSPECTION REPORTS – ICT PRESTRESSED DATA:

- The Inspection Date field now displays in the Display Columns section in the ICT Prestressed query tool.(SQA 22129)
- User is able to navigate from the query tool row to the FIR window only when a FIR has been created from the ICT Prestressed data.(SQA 22093)
- The Informational messages are viewable in the query tool (SQA 22132)

## REFERENCES - Concrete Mix Designs

### REVIEW MIXES:

- Creating a new CMD and modifications made to the CMD will be written to History tab. (SQA 22102)

### ADMIN - Codes Table

### CONCRETE CLASS

- Updated with new Mix Specifications for Max Water Cement Ratio (Air Entrained, Non- Air Entrained, Rounded Aggregates, Angular Aggregates), Max Slump (Vibrated, Non-Vibrated), Cementious Content (Vibrated Min & Max, Non-Vibrated Min & Max). The values maintained in this code table are used in CMD calculations. (SQA 22112)

### ADMIN - Security

- Create a History record when a staff record is Created, Expired and Unexpired. (SQA 22146)

## **DOH Vendor - General**

- Various windows have fixes and/or new functionality

## **TECHNICIAN - Review Class Enrollment**

- Modified the Confirmation Letter content for class start time.as well contacting the NCDOT Materials and Tests Unit for student enrollment changes. (SQA 22141)

## **TECHNICIAN - Review Class Maintenance**

- Added Class Begin Time field window to set up the time a class should start. (SQA 22142)

## **PRODUCER/SUPPLIER - Review Producer/Supplier**

- Added Material Selection function to allow selection of multiple materials become associated to a plant facility. (SQA 22111)
- Added the ASR Component field to the Facility Type General tab to identify Course Aggregate and Fine Aggregate facilities as Reactive or High Alkali. (SQA 22112)

## **PRODUCTS - Review Product Maintenance**

- Display the Comments from General tab on the report accessible from the Product window (not a standard report). (SQA 21931)
- The URL field on the Contact tab expanded so additional characters can be entered. (SQA 22127)
- The Description field on the General tab has expanded so up to 1,000 characters can be entered. (SQA 22138)
- Added the fields Mix Water Adjustment, Specific Gravity, and Weight Per Gallon for Corrosion Inhibitor product details. (SQA 22112)

## **QUERY TOOLS (QT)**

### **QT - PRODUCER/SUPPLIER:**

- Updated query tool with ASR Component field (values Reactive and High Akali Cement) (SQA 22112)

### **QT - PRODUCTS:**

- Updated query tool with fields Mix Water Adjustment, Specific Gravity, and Weight Per Gallon fields for Corrosion Inhibitor products (Product Detail tab). (SQA 22112)
- Updated query tool with fields Committee Meeting Minutes (Dates tab), Action, Products Status, Action Date, Who (History tab). (SQA 21930)