

Application Modifications and Enhancements

HiCAMS & DOH Vendor Version 8.7.2 were released Friday, 09/29/2023.

OVERVIEW OF THE RELEASE

- Hicams Application enhancements - in various modules related to AMD, Artemis, CMD, Estimates, JMF, Notifications, Pay Records, Plastic Pipe, Precast Concrete and Prestressed FIRs, Plastic Pipe, Precast Concrete and Prestressed FIRs, Product Maintenance, Query Tool, Standard Reports, Subcontracts, 2nd Tier Subcontracts, Test Formats,
- Vendor Application enhancements – Product Maintenance & Producer Supplier
- Data fixes for production issues in various modules

HiCAMS - General

- Updated the HiCAMS Help Message by removing the HiCAMS Helpdesk Phone Number, replaced with HicamsOnCall@ncdot.gov - **SQA 23093**
- Changed the HiCAMS Database Error message to default to Email instead of Print. This way the error message can be sent by email when reporting it to HicamsOnCall. - **SQA 23095**

CONTRACT MAINTENANCE - Authorize Contracts

- Added a new indicator for Steel Price Adjustments. Users requested the ability to designate a contract that is subject to Steel Price Adjustments. Then they needed to be able to mark which line items on their contract are subject to the adjustment. The adjustment itself is calculated outside of HiCAMS currently, we have provided reminder information to the RE office when they need to track/calculate those adjustments. - **SQA 23085**

CONTRACT MAINTENANCE - Review Contract Details

- **Bug Fix** – Fixed the date format to display correctly on the Contract Details M&T Workflow Status - **SQA 23094**
- Added the Steel Price Adjustments indicator which shows whether the contract is designated (checked) or not designated (unchecked) for steel price adjustments - **SQA 23085**

CONTRACT MAINTENANCE - Review Subcontracts

- **2nd Tier Subcontract** – Added the Committed and Committed Amount Indicators to the Subcontract window. This indicator will be editable for all Certification Types except NONE. When Committed Indicator is checked then Committed Amount column value is required (cannot be null or 0). – **SQA 23029**

CONTRACT MAINTENANCE - View Line Item Details

- Added the Steel Price Adjustments indicator which shows whether the contract is designated (checked) or not designated (unchecked) for steel price adjustments - **SQA 23085**

CONTRACT TRACKING – Review Pay Records

- Pay Record window has been modified so that the void icon (pencil) menu item is not available for pay records which are entered through Sharepoint. - [SQA 23059](#)

CONTRACT ESTIMATES - Review Estimates

- **Price adjustments** refers to AC adjustments, Pay Factor adjustments and Fuel adjustments and do not display on the View Line Item Details window/module. Exception is the Emulsion for AST **price adjustment** which is an actual line item so this type of price adjustment does display on the View Line Item Details module. The Price adjustments are always calculated and included in the Overrun/Underrun Amount. - [SQA 21985](#)
- Added logic to give an informational message, if there are any Steel Price Adjustment line items in Non Processed Pay records status on a Contract that is Subject to Steel Price Adjustment. After generating the estimate application will give the informational message before completing the Estimate Generation. Example of the displayed message in pop-up (“**A line item quantity subject to Steel Price Adjustment has been entered. Check for proper documentation and enter necessary Steel Price Adjustments.**”) - [SQA 23089](#)

CONTRACT ESTIMATES - Print CCU Estimates

- Print CCU Estimates window has been modified to allow the estimate number to be entered for a Processed or Paid estimate of a contract (previously the estimate number was not changeable). The Contractor report is generated as a pdf file when hit Print icon menu item and save to the HiCAMShicamstemp directory folder by default. The directory folder of where to save the report can be changed. – [SQA 23048](#)

FIELD INSPECTION REPORTS (FIR) - Review Field Inspection Reports

- **Plastic Pipe** Alt ID window has been modified to display the (vertical) scroll bar on the right side of the grid that lists the Alternate IDs for a material and add a row count on the Scan pop-up window. – [SQA 23071](#)

QUERY TOOL

- Contracts - Added the Steel Price Adjustments to column list which shows on report whether the contract is designated (checked) or not designated (unchecked) for steel price adjustments -[SQA 23085](#)
- Contract Line Item – Added the Steel Price Adjustments to column list which shows on report whether the contract is designated (checked) or not designated (unchecked) for steel price adjustments -[SQA 23085](#)

REFERENCES - Asphalt Mix Designs

- **Bug Fix** – A more efficient Save As feature has been added to the AMD window to help the Asphalt Materials Design Manager create new records. - [SQA 23023](#)
- Added code to the AMD/JMF window when using Coarse Aggregate & Fine Aggregate Materials - check if material is valid for Producer on Vendor Facility Plant Materials tab - [SQA 23052](#)

REFERENCES - Concrete Mix Designs

- Added code for Concrete Mix Designs using Coarse Aggregate & Fine Aggregate Materials – system will now check if material is valid for Producer on Vendor Facility Plant Materials tab - [SQA 23054](#)

REFERENCES - Job Mix Formulas

- Changed code to the Comments field on the AMD & JMF General tab to allow up to 350 characters from the current 255 characters. - [SQA 23087](#)

REFERENCES - Test Formats

- Created a rewrite of the Asphalt Hot Rubber Test Format. This format is the first of many that will be written outside of using Formula One which is currently used to calculate the test results. – [SQA 22819](#)

ADMIN - Notification Setup

- Added new notification *Plant ID X: New Material(s) have been added Alert*. This notification is set up in HiCAMS but is viewed in Vendor notifications window. The notification is sent to selected staff and job titles when new aggregate material(s) have been added to the Materials tab found in the Vendor Producer/Supplier window for a Course Aggregate or Fine Aggregate plant. - [SQA 23055](#)
- Added new notification *Plant ID X: Material(s) have been expired Alert*. This notification is set up in HiCAMS but is viewed in Vendor notifications window. The notification is sent to selected staff and job titles when one or more Aggregate material(s) are expired on the Materials tab found in the Vendor Producer/Supplier window for a Course Aggregate or Fine Aggregate plant. A nightly job is run after 12 am, to check for any materials that expired the previous day and sends an expired notification.– [SQA 23066](#)
- Added new notification *Job Mix Formula: X Provisionally Approved/Approved Alert*. This notification will be sent to selected staff and job titles when status on JMF is either Provisionally Approved or Approved. - [SQA 23069](#)
- Added new notification *Job Mix Formula: X Provisionally Approved/Approved Alert*. This notification will be sent to selected staff and job titles when status of JMF is Provisionally Approved or Approved. - [SQA 23082](#)
- Changed notification from *Asphalt Mix Design: X Rejection Deleted* to new description *Asphalt Mix Design: X AMD Status: X was Deleted Alert*. The application will notify the appropriate personnel each time an Asphalt Mix Design decision status Approve–No JMF, Not In Use or Rejection is deleted. - [SQA 23098](#)
- Changed notification description from *Job Mix Formula: X Void was Deleted Alert*, to *Job Mix Formula: X JMF Status: X was Deleted Alert*. The application will notify the appropriate personnel each time a Job Mix Formula decision status Provisionally Approved, Approved or Void is deleted. - [SQA 23099](#)

QUERY TOOLS

- Subcontracts – added 2nd Tier Committed Amount and 2nd Tier Committed Indicator to query tool. – [SQA 23029](#)

- Notifications – added new query tool that will display what notifications are assigned to a technician either by their name or job title. - [SQA 23045](#)
- Pre- Certifications – shortened length of column to 30 characters for label Soil – NonComp Test Quantity Ind & Waste Quantity Unclassified Excavation on the query tool. - [SQA 23063](#)
- Samples - fixed Submitted Date on tool so it is pointing to correct table when data is displayed. - [SQA 23065](#)
- Test Results (Samples) – added new dropdown to query tool to track the statuses of Asphalt and Aggregate sample results. – [SQA 23102](#)

STANDARD REPORTS

- **Recycled and Solid Waste Report** – modified existing standard report to include the Class F Fly Ash (Pozzolan Type) recycled material - [SQA 23010](#)

ARTEMIS General

- The Map number field that is currently entered on the Review Tickets window, has been modified to check against the contract map reference data from Sharepoint. The map number will provide consistent and accurate location data. The contract map reference data can be accessed on the View Contract Maps window under Functions - Contract Maintenance – View Contract Maps. - [SQA 22824](#)
- The Map number field that is currently entered on the Review Pay Records window, has been modified to check against the contract map reference data from Sharepoint. The map number will provide consistent and accurate location data. The contract map reference data can be accessed on the View Contract Maps window under Functions - Contract Maintenance – View Contract Maps. - [SQA 23040](#)
- New View Contract Maps window has been added to HiCAMS to show the Contract Map data. This data is maintained in the NCPAVE application and shared with Sharepoint. HiCAMS will receive this data from Sharepoint for a given contract. The window can be accessed under the menu for Functions – Contract Maintenance – View Contract Maps. The Contract Map is display only (not changeable) and used as reference data for the Pay Records and Tickets. The information includes the Map Number, Route Type, Route Number, GIS Route Number, Location, County, Treatment Type Number, Active, Date Created and Work Order. - [SQA 23043](#)

DOH Vendor

PRODUCER/SUPPLIER – Review Producer/Supplier

- **Bug Fix** - Currently when adding a new row to Materials tab for a Facility Plant, if you clicked around randomly, the Material Description was displayed incorrectly. Fixed window to display the correct Material Description. - [SQA 23067](#)

PRODUCTS - Review Product Maintenance

- Added the Model Number to Filter and Result Grid on Product Selection window. – [SQA 23049](#)

Tools - Notifications

- *Plant ID X: New Material(s) have been added Alert* notification is sent to selected staff and job titles when new aggregate material(s) have been added to the Materials tab found in the Vendor Producer/Supplier window for a Course Aggregate or Fine Aggregate plant. - [SQA 23055](#)
- *Plant ID X: Material(s) have been expired Alert* is sent to selected staff and job titles when one or more Aggregate material(s) are expired on the Materials tab found in the Vendor Producer/Supplier window for a Course Aggregate or Fine Aggregate plant. – [SQA 23066](#)