

Application Modifications and Enhancements

HiCAMS and DOH Vendor Versions 7.1 were released Friday, July 25, 2008.

OVERVIEW OF THE RELEASE

- The 7.1 release includes a major change to **Sample** data entry. If a **Project Acceptance** sample is entered and the technician specified doesn't have the **required certifications** in the system for the sample date, **HiCAMS will change the test category on the Sample to Informational**. These Samples will no longer generate an Accepted Quantity for Project Acceptance. The Resident Engineer and Project Engineer will be notified of the change to the sample test category.
- The release also incorporates significant changes to **Contract Statuses**. A new status called **Accepted** will be established and will designate contracts that have an acceptance date saved. The system logic and windows will generally treat these contracts in the same manner as Activated contracts. The status previously labeled Activated will be renamed to **Active**. Authorized contracts will now be called **Executed** Contracts. The Pre-HiCAMS Active and Pre-HiCAMS Complete statuses have been replaced by a single status called **Archived**.
- The combined **Section Code 7&9** has been split into 2 separate sections, one for Section 7 and one for Section 9. The old combined code is still stored on the existing FIR records, but will not be valid for new records after the 7.1 implementation. Facility section data has been converted based on the division where the facility is located.

GENERAL

- Added the new **Accepted** status to all windows that included Activated in the contract status filter.
- Adjusted the contract selection windows to replace the Pre-HiCAMS choices with the new Archived status.
- Modified e-mail address data and system-generated e-mails to DOT personnel to use the new `userid@ncdot.gov` format.
- Section Code 7&9 has been split into Section 7, belonging to Division 7 and Section 9, belonging to Division 9. Existing FIR records that were originally coded using Section 7&9 will remain with that value, but the combined Section 7&9 value can't be chosen on new records going forward. Facilities previously in Section 7&9 have been converted to the appropriate new section based on the Division stored on the record.
- Enhanced the system to allow more window navigation and data to be displayed from contracts in any status. Previously, the Pre-HiCAMS (now called Archived) contracts were restricted from nearly all window displays, even if data existed on those contracts.

CONTRACT SETUP – Authorize Contracts

- This menu option has been moved under Contract Maintenance – Authorize Contracts. There will no longer be a Contract Setup menu option.
- Corrected a problem with the notifications that go out when a contract is authorized.

CONTRACT SETUP – Review Pre-HiCAMS Contracts

- This menu option has been removed. Contracts previously designated as “Pre-HiCAMS” are now in a status called “Archived”. Contracts in all statuses can be reviewed via the Contract Maintenance – Review Contract Details menu option.

CONTRACT MAINTENANCE – Activate Contracts

- Changed the wording on the filter label from “Authorized Contracts Pending Activation for:” to “Executed Contracts Pending Activation for:”.

CONTRACT MAINTENANCE – Review Contract Details

- Entering and saving an Acceptance Date on the Completion tab will now set the Contract’s status to **Accepted**.
- Existing contracts that previously were in an **Activated** status but that have their Acceptance Date set will have their statuses adjusted to Accepted at the time of HiCAMS 7.1 implementation.
- Added the **Regional Category** code to the general tab on Contract Details. The system will initially set the value on each contract based on the route type information for each contract. The codes table that defines the valid route types has been enhanced to include a hierarchy ranking. At the time of implementation, the hierarchy order is Statewide, then Regional, then Subregional, then None. Authorized users may override the system-assigned regional category code value.
- Enhanced the window to allow entry/display of the **Final Voucher Paid Amount** and **Final Voucher Paid Date**.
- Modified the **Project Guarantee** functionality to protect the **Provisions Fulfilled Date** and **By** fields until the **Acceptance Date** is set on the Completion tab. A warning message was also added if a Provisions Fulfilled Date is entered that is less than the Acceptance Date
- Created a new **Mainframe Indicator** to help easily distinguish the set of contracts for which HiCAMS is the system of record from those where only summary or partial contract information exists in HiCAMS.
- Modified the Staff tab to allow the removal of the Project Engineer assignment.
- Expanded the width of the Workflow Status dropdown and field on the Completion tab to allow the full values to be displayed.

CONTRACT MAINTENANCE – Review Contract Times

- Modified the window to allow authorized users to update the **Estimated Completion Date**. The date can be updated here as often as necessary without needing to create an estimate. The Estimated Completion Date value is passed to the internet for public viewing of construction progress.

CONTRACT MAINTENANCE – WBS Maintenance – Add WBS

- Enhanced the window to automatically display/store any character values as upper-case.

CONTRACT ADJUSTMENTS – Review Claims

- Added an **Issues Pending** column to the grid that displays Claims records. This provides “at-a-glance” information at the Claim level to let users know if a Claim is ready to be processed or if decisions must first be made on the associated Issues.
- Enhanced the system to pop-up the comment window automatically for situations where a comment is

required in order to save the record.

- On the General tab of the Review Issues window, a field displaying the **Last Decision** made was added to help users better determine what actions/decisions should be made next.
- Modified the system to blank out the compensation amount granted on compensation issues that are denied, even if the user attempts to enter a value.
- Improved the system message to remind users that if an issue has been saved in a Denied status, it can't then be approved without first saving some kind of change to the record to have HiCAMS mark it as Pending. Once in Pending status the issue can be Approved or Approved as Noted, if desired.
- Modified the system to ensure that the Actual Controlling Operation field cannot be left empty or only contain spaces on time issues.
- Corrected a problem that occasionally caused the Claim history to display an incorrect status when system notifications were sent.

FIELD INSPECTION REPORTS – General

- **Section Code 7&9** has been split into Section 7, belonging to Division 7 and Section 9, belonging to Division 9. Existing FIR records that were originally coded using Section 7&9 will remain with that value, but the combined Section 7&9 value can't be chosen on new records going forward. Facilities previously in Section 7&9 have been converted to the appropriate new section based on the Division stored on the record.

FIELD INSPECTION REPORTS – Prestressed Concrete

- Added **Save As** functionality to the main selection window and from within the detail for a selected Prestressed FIR record.

SAMPLING – Enter Sample Details

- Any time an acceptance category sample is saved with a technician who is not certified (according to HiCAMS and DOH Vendor system records) at the time the sample was taken, the system will **automatically adjust the testing category to Informational**. The user will be presented with a pop-up alert and the resident engineer on the contract will receive a notification of the event. Informational samples do not count in the calculations performed for Project Certification.

QUERY TOOL – Claims

- Updated the Claims query tool to include Resident Engineer and Division.
- Corrected a problem the system had retrieving data for Claims in a status of New.

QUERY TOOL – Contracts

- Updated the Contracts query tool with the new fields created in this release and with any other Contract data fields that had not previously been on the query tool.

STANDARD REPORTS – Contract Overrun/Underrun Computation Report

- Added **TIP Number** and **Federal Aid Number** to the report.

REFERENCES – Asphalt Mix Designs

- Adjusted the system logic to require either an Approved Producer/Supplier or an Other Producer/Supplier for Fine Aggregate materials entered on a mix design.
- Added the field **Binder Specific Gravity** to the Results tab of the mix design window.

REFERENCES – Concrete Mix Designs – Mass Changes

- Enhanced the functionality to display the comment from the source mix design being copied. The system allows the user to carry that comment forward, modify the comment to be associated to the new mix designs, or omit the comment on the new mix designs being created through the mass change.

REFERENCES – Job Mix Formula

- Added the field **Binder Specific Gravity** to the Results tab of the Job Mix Formula window.

ADMIN – Codes Table

- The Division Codes Table has been modified to split Section 7&9 into separate sections 7 and 9.

ADMIN – Staff Reassignment

- Modified the functionality to exclude Accepted contracts from being reassigned.

VENDOR - PRODUCTS – Review Product Maintenance

- Corrected a problem that prevented some product records from having their status changed.

Page last updated 18 October 2013