

CONSTRUCTION MANAGEMENT SYSTEM NEWSLETTER

Summer 2024 Edition



HIGHLIGHTS

- Materials and Construction Subsystems operational
- Testing of Finals process functionality begins August 2024
- Initial design of Civil Rights Subsystem nearly complete
- Nine iPD training sessions accomplished
- Training for iCX users scheduled for November 2024

PROJECT STATUS: MATERIALS AND CONSTRUCTION SUBSYSTEMS NOW OPERATIONAL

The Construction Management System (CMS) Replacement Project is a multi-year software project intended to replace legacy software programs used at VTrans across all facets of construction. For context, see a diagram of programs to be replaced and interfaced with on the [CMS Replacement website](#).

On July 22, 2024, the Materials and Construction Subsystems in iPD became operational when the first executed 2024 Spec Book contract – Williston NH CULV(110) – was sent to the Materials and Construction Subsystems. This process will occur for all 2024 Spec Book contracts going forward. Three more contracts will execute and be sent to these new subsystems in August.

This event culminated several years of design, testing, and configuration on the part of many subject matter experts (SMEs), project managers, and system administrators. In addition to the efforts of those staff, leadership, from section chiefs through the Chief Engineer's office, are owed special thanks. It was truly a large-scale, agency-wide, effort.

REMINDER

The CMS Global Administrators are available to help with any issues regarding the CMS, including loss of functionality, bugs, technical questions, or requests for enhancements, as well as all new user requests. The Global Admins can be reached at AOT.CMSAdmins@vermont.gov.



PROJECT STATUS: FINALS, CIVIL RIGHTS, MOBILE

There is still much work to be done to complete the CMS Replacement Project. Below are some brief updates on components currently in the design, development, or testing phase.

Functionality in the Construction Subsystem around the Finals process was designed earlier this year. Testing will begin in August and deployment is expected in Winter 2024.

The project team and Civil Rights SMEs have been hard at work designing the Civil Rights Subsystem in iPD. Initial design will be finished by August 2024. Testing and deployment are anticipated in the first half of 2025.

Design of the mobile component of iPD, known as eFieldBook, was completed in Spring 2024. This application should be available to Materials and Construction staff in 2025.

TRAINING UPDATE

Over the first half of 2024, nine iPD training sessions were held and recorded, including six for the Materials Subsystem and two for the Construction Subsystem. These are available on the VTrans Training Center's (VTTC) [Learning Management System](#) (LMS). For iPD users that cannot access the LMS (e.g. consultants), some of these recordings are currently available in the iPD Help menu, including MMS-Global and Contract Materials Requirements and MMS-Test Engine. Both Construction Subsystem training videos and two more Materials Subsystem videos will be loaded to the iPD Help menu by August 2024.

Training for all users of the integrated Contractor Exchange (iCX) system's Materials and Construction Subsystems is tentatively scheduled for November 2024. Initial communication to contractors and other iCX users will go out around September once training plans are solidified. For contractors having to use iCX for materials and construction administration prior to November, training will be conducted with each contractor as contracts are awarded and executed.

Finally, users and system administrators identified a need for iPD training around the contract addendum process. A short training video, titled "Initiating and Processing Addenda," is now available in both the LMS and in the iPD Help Menu.

For any CMS training needs please send an email to chris.cunningham@vermont.gov.

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