



State of Vermont
Office of the Secretary
219 North Main Street
Barre, VT 05641
vtrans.vermont.gov

[phone] 802-476-2690
[fax] 802-479-2210
[ttd] 800-253-0191

Agency of Transportation

TO:

FROM: Jayna Morse, Director of Administration, Agency of Transportation

DATE: April 24, 2026

SUBJECT: AOT – Enterprise Resource Planning (ERP) Project Testimony Response

The Agency of Transportation (AOT) is providing information to the committee in response to testimony taken this week on the Enterprise Resource Planning (ERP) project as it relates to our State Transportation Accounting and Reporting System (STARS) and our Maintenance Activity Tracking System (MATS). AOT utilizes MATS agency-wide for timesheet reporting.

The gap analysis for both a STARS and MATS migration to Workday has been completed. Meetings took place over a period of several months with both AOT and ADS staff representation with the purpose of gathering requirements needed to replace both systems. Requirements were primarily gleaned from the exercise that was done in 2015 with Ciber, Inc,¹ when AOT was looking to replace STARS with the PeopleSoft VISION financial system. Requirements were shared with Guidehouse and there was follow-up dialogue with both AOT and ADS.

A component of the gap analysis was the fact that the Federal Highway Administration (FHWA) has specific requirements for states on how the billing of federal reimbursements must be completed. These requirements are specified by the FHWA Resource Center and range from the security of the system to exact fields which must exist in the system to properly interface with FHWA's Fiscal Management Information System (FMIS). These requirements were discussed in the gap analysis and the FHWA Resource Center has been notified of the Workday project to ensure it will meet all the FHWA specifications.

FHWA is the cognizant agent for AOT, meaning other federal partners rely on their system verification for authenticity to approve and process federal reimbursements. Although federal requirements have changed over the past 30 years, STARS has kept pace and reflects current requirements. FHWA will require a system audit of the workday solution prior to issuing federal reimbursements.

Another component of the gap analysis focused on requirements billing federal reimbursements for Federal Emergency Management Agency (FEMA) expenses. MATS was a highly effective tool in the July 2023 and July 2024 floods for FEMA reimbursement due to the level of granularity captured in the timesheet reporting. This recent experience was captured in the gap analysis and communicated to Guidehouse.

A two-year timeline for a full-scale system replacement of STARS and MATS is aggressive, but not unrealistic. Regardless of the timeline, the need to replace STARS is a necessity. STARS was implemented on 7/1/1993. It is an Adabas/Natural mainframe system that was originally programmed in 1974. Although AOT has full ownership of STARS, the costs to maintain the system and its integration with statewide systems are unsustainable. Mainframe systems

¹ Ciber, Inc had a contract with the State [12/15/2014-4/30/2015] to upgrade PeopleSoft from 8.8 to 9.2 and replace STARS & FARS. Purchase of the Project Costing, Project Management, and E-Procurement modules would have been required. The consultant investigated Bid Management, Contract Management, Grant Management, Project Management, Project Costing, Federal Reimbursements and Reporting. Emphasis was on Activity-Based Program management, Multi-year budgeting & forecasting, Integrating Reimbursements & 3rd Party Billing, Miscellaneous Sales & Billing, and Asset Tracking.

are inherently slow, require batch processing, and have limitations when integrating to newer technology. Programmers with Adabas/Natural knowledge are also becoming increasingly rare.

STARS and MATS are mutually exclusive systems and the replacement schedules for the systems do not necessarily have to be the same. MATS could be replaced independent of STARS. MATS does not integrate with STARS; some STARS data is sent to MATS. However, now that the decision has been made to align the replacement schedules, AOT has additional time to determine how non-timesheet-related functionality in MATS will be maintained in a Workday environment.