NON-VDOT ADVERTISED PROJECTS (NVAP) GUIDE MARCH 2022



NON-VDOT ADVERTISED PROJECTS (NVAP) PORTAL

Localities deliver a significant number of the projects in Virginia. As part of the VDOT Dashboard, all projects require status updates, ensuring transparency of the on-budget and on-time project performance in the development and delivery of each project.

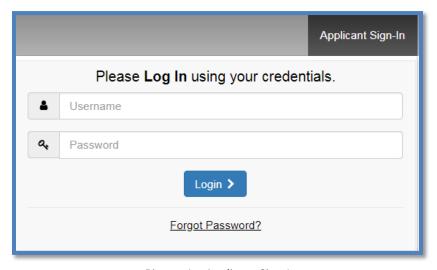
For projects that Localities manage, Local governments are required to provide general construction contract and progress information via the SMART Portal Non-VDOT Advertised Projects (NVAP) application module. Updates are required during construction for all SMART SCALE projects and for all other projects awarded on or after July 1, 2018. This user guide provides instructions to the Local Users to navigate through the process.

VDOT project managers are required to use the NVAP application module to provide progress information on SMART SCALE projects that are completed through on-call contracts and Task Orders (and are not awarded as separate contracts in AASHTOWare Project (AWP) or SiteManager).

Staff assigned to update projects will need to coordinate with their respective SMART Portal Point of Contact (POC) to establish and verify their account, to add the NVAP module permission, and to address other questions that may arise. If the Locality staff do not have access to the SMART Portal or the NVAP module is not displaying information after logging in, an account and/or NVAP permissions will need to be established. Additionally, VDOT districts also have SMART Portal POC's that may assist when the locality POC is unavailable.

Once the user's SMART Portal account is established and the NVAP permissions are granted, the following steps provide the necessary information for logging-in and successfully entering construction information.

Access the SMART Portal Log-in screen at: https://smartportal.virginiahb2.org/#/ (Refer to Picture 1)



Picture 1 – Applicant Sign-In

Welcome to SMART Portal



All submitted project applications will be subject to requirements of the Freedom of Information Act (FOIA).

If you need assistance with this site, send your requests to SmartPortal@CTB.Virginia.gov.

Picture 2 – SMART PORTAL Home Page

Existing project information is leveraged from VDOT's Project Pool application and 14 fields are pre-populated in NVAP. To establish a complete contract record, the Local User must enter information in the following fields in NVAP:

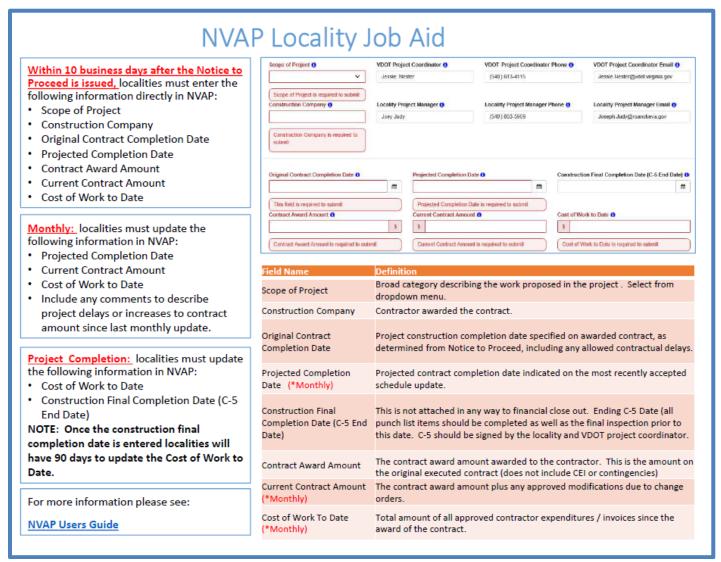
- 1. Construction Company;
- 2. Original Contract Completion Date;
- 3. Scope of Project;
- 4. Contract Award Amount

Contract Milestones are documented if identified in the contract, or at the discretion of the Responsible Charge Engineer. The following three fields in NVAP require updates every 30 days:

- 1. Projected Completion Date;
- 2. Current Contract Amount;
- 3. Cost of Work to Date

Monthly updates conclude with documentation of the Construction Final Completion Date (C-5 End Date), indicating that the punch list items have been completed, the contract is finished, and all work has been accepted.

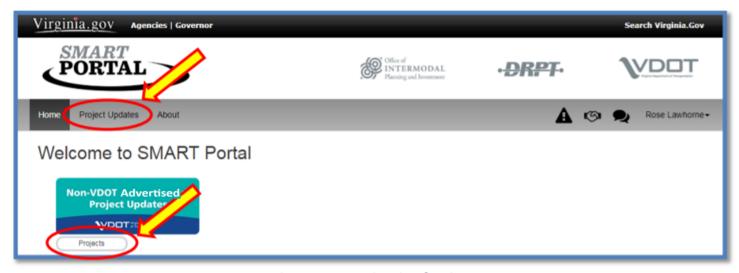
For a quick start, Locality users can refer to the one pager – NVAP Locality Job Aid—depicted below.



Picture 3 - NVAP Locality Job Aid

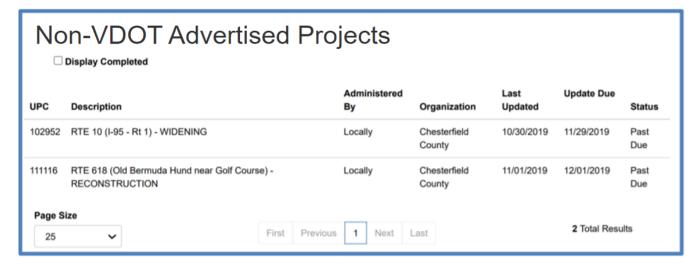
ACCESSING PROJECTS

Selecting the "Project Updates" link on the menu bar or the "Projects" button under the NVAP icon will transition the user to a list of the Non-VDOT Advertised Projects associated with their Locality or District depending on the user's selection. (Refer to Pictures 4, 5, 6 and 7)



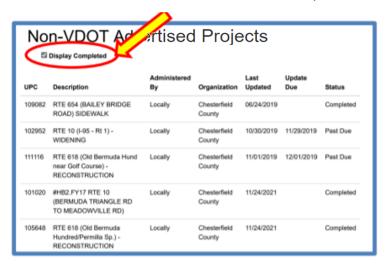
Picture 4 – Accessing List of Projects

The Local User View in the below picture depicts active construction contracts within the User's Locality.



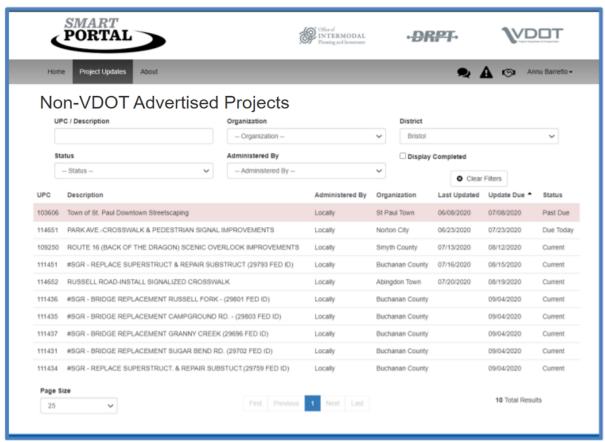
Picture 5 – List of Active Projects (Local User View)

The Local User can also choose to view completed contacts. The view in the below illustrates depictions of both active and completed construction contracts within the User's Locality.



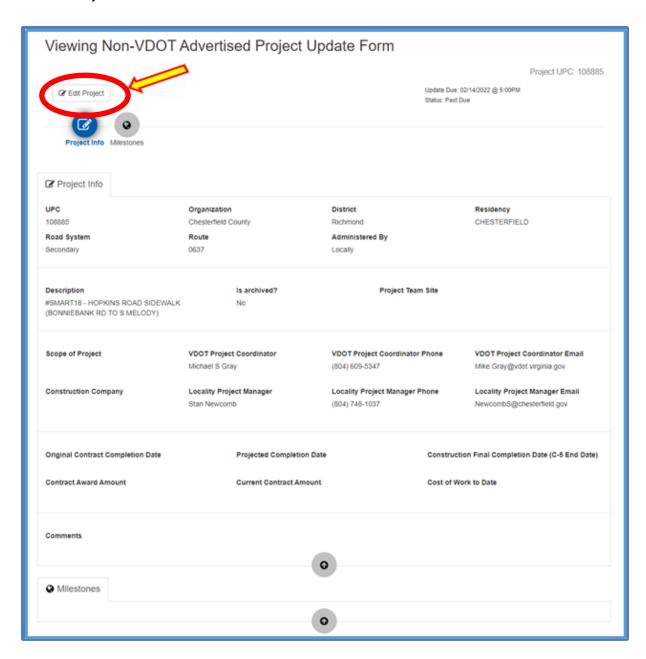
Picture 6 – List of Active and Completed Projects (Local User View)

The VDOT Project Coordinator list, as shown below, provides filter options to narrow the list to specific projects or areas of interest.



Picture 7 – List of Projects (VDOT Project Coordinator View)

Select a project in the list to review or update by clicking on any field. Once selected, NVAP will transition to the Non-VDOT Advertised Project Update Form. Picture 8 (below) is the view an application user will see while accessing a project for the first time. Some of the pre-populated information can be edited (contact, phone number and email address). It is important to keep this information updated since reminders that an update is needed or an update has been made are sent to the identified contacts. To edit the information on the form click the "Edit Project" button.



Picture 8 – Viewing Project Update Form

EDITING PROJECT DATA

If this is the first time updating NVAP, the original contract completion date and the projected completion dates are likely the same. The original contract award amount and current contract amount are likely the same as well. For the Cost of Work to Date, if no expenditures have occurred, input \$0. Once the contract is underway and change orders are issued/approved, the dates and amounts for the aforementioned fields may change. (Refer to Picture 9)

When editing a project in NVAP, the title of the form changes to "Editing Non-VDOT Advertised Project Update Form." The required fields have indicators below them and are highlighted in red. For the first update, there are seven required fields. (Refer to Picture 9)

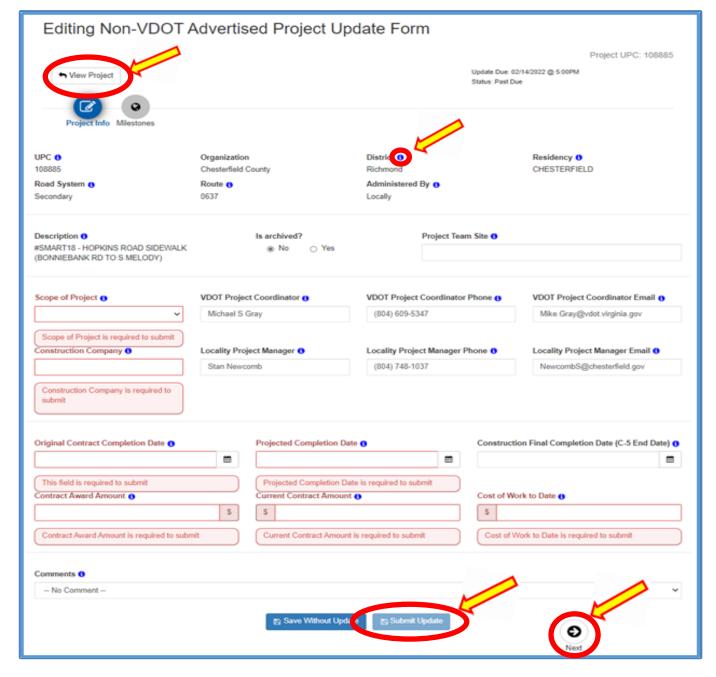
1. If you do not have all of the required information to complete the form, you can return to the view screen by clicking the "View Project" button at the top of the page.



3. If you have the required information, you can enter the data and click the "Submit Update" button.

Submitting an update will result in an onscreen acknowledgement that the update has been successfully submitted.

4. If you have contract milestones to add for this project click "Next" to transition to the page where milestones are entered.



Picture 9 – Editing the Project Update Form

Picture 10 (below) provides a list of fields that are required to have information entered in NVAP and their definitions.

Field Name	Definition
Scope of Project	Select from dropdown menu.
Construction Company	Contractor awarded the contract.
Original Contract Completion Date	Project construction completion date specified on awarded contract.
Projected Completion Date (*Monthly)	Original contract completion date plus any approved time modifications due to change orders
Construction Final Completion Date (C-5 End Date)	Ending C-5 Date (all punch list items should be completed as well as the final inspection prior to this date). C-5 should be signed by the locality and VDOT project coordinator.
Contract Award Amount	The amount of the contract value awarded to the contractor. This is the amount on the executed contract. (does not include CEI or contingencies)
Current Contract Amount (*Monthly)	The contract award amount plus any approved modifications due to change orders.
Cost of Work To Date (*Monthly)	Total amount of all approved contractor expenditures / invoices since the award of the contract.

Picture 10 – Field Names and Definitions

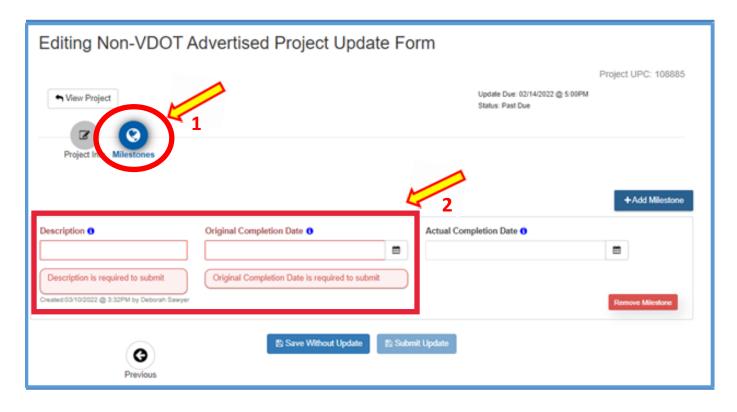
Enter the most recent approved contractor expenditures/invoices in the Cost of Work To Date field before inputting the Construction Final Completion Date (C-5 End Date). The Locality User will then be able to update the Cost of Work field for up to 90 days after the C-5 End Date.

ENTERING MILESTONES

After clicking "Next" on the Editing Non-VDOT Advertised Projects page, users transition to a screen that allows the entry of project milestones. Again, the required fields have indicators below them and the information icons provide definitions for each field.

Adding milestones, other than those specifically identified in the contract, is at the discretion of the Responsible Charge Engineer. Milestone Descriptions should communicate to the public major activities, such as paving, shift in traffic lanes, etc. Also please note:

- 1. Milestones help communicate information about key accomplishments throughout the project.
 - Adding milestones should be discussed with your VDOT Project Coordinator before entering milestone information.
- 2. The milestone description and original completion dates cannot be changed once entered. (Refer to Picture 11)

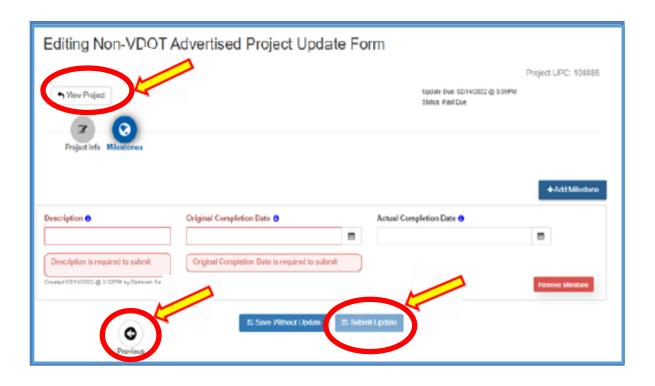


Picture 11 – Edit the Project Update Form and Entering Milestones

When entering milestone information:

- 1. If you do not have all of the required information to complete the form, you can return to the view screen by clicking the "View Project" button at the top of the page.
- 2. Another option to return to the previous screen without adding, removing or submitting milestone data is to click the "Previous" arrow located at the bottom of the screen.
- 3. If you have the required information, you can enter the data and click the "Submit Update" button.

Submitting an update will result in an onscreen acknowledgement that the update has been successfully submitted. Refer to Picture 12 below.



Picture 12 – Editing the Project Update Form; Exiting the Update Form and Submitting Updates

FINAL PROJECT INSPECTION AND FINAL ACCEPTANCE PROCESS

As the construction project nears completion, the LPA-RCE, with the assistance of onsite inspection staff, should develop and maintain a punch-list of items that must be completed by the contractor before the LPA can issue final acceptance and determine that the contractor has completed the project. This punch list should be made available to the contractor so that they are aware of outstanding items. Once the contractor believes that the project is complete, they must notify the LPA-PM in writing and request a final inspection. The LPA-PM will schedule the final inspection walkthrough on site and invite the contractor, LPA-RCE and VDOT CPM. The contractor, LPA-RCE and VDOT CPM will jointly walk the project at the final inspection. Any deficiencies noted will be provided by the LPA as a final punch-list to the contractor. The LPA-PM will notify the VDOT CPM once all deficiencies noted on the final punch-list have been addressed to the satisfaction of the LPA-RCE. For federal aid or VDOT maintained projects, the LPA must receive written concurrence from VDOT that the project is complete prior to issuing final acceptance to the contractor in writing. The date the LPA issues final acceptance in writing to the contractor is considered to be the completion date for contract work on the LAP C-5.

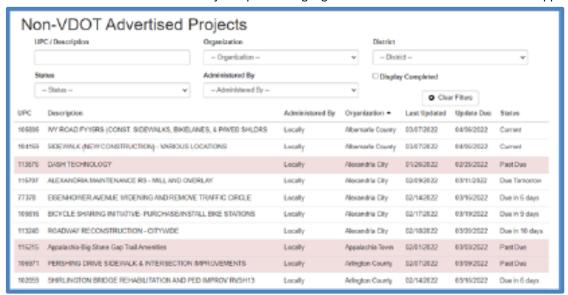
GUIDANCE ON INCENTIVES, DISINCENTIVES AND LIQUIDATED DAMAGES

The LPA must award the contractor all incentives and assess the contractor all disincentives and liquidated damages allowed by the contract for meeting and/or not meeting the milestone and/or final completion date(s) identified in the contract. Incentive, disincentive, and liquidated damages can only be modified with the written approval for the VDOT ACE.

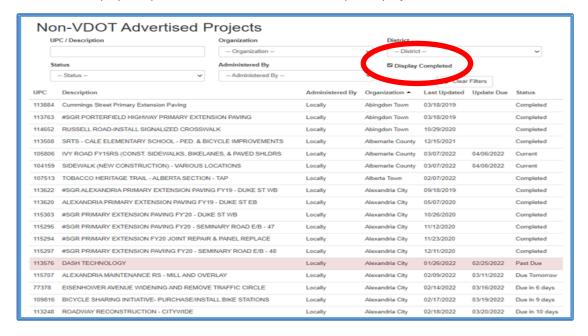
PROCESS TO UPDATE COST OF WORK TO DATE ON COMPLETED PROJECTS

The Locality can make modifications to the Cost of Work to Date on a completed project for up to 90 days after the Construction Final Completion Date (C-5 End Date). Follow the steps listed below to modify the Cost of Work to Date on completed projects:

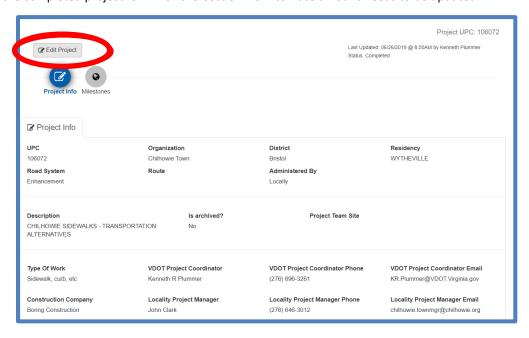
1. Click on the "Non-VDOT Advertised Project Updates" highlighted in Red to launch the NVAP Portal application.



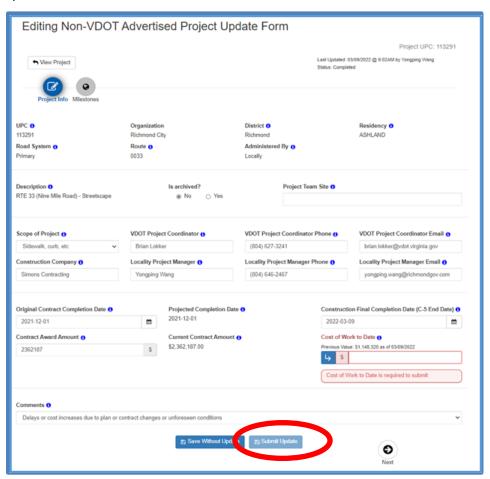
2. Check the "Display Completed" checkbox to access the completed projects.



3. Select the completed project for which the Cost of Work to Date amount needs to be updated.



4. Click on the "Edit Project" to modify the Cost of Work to Date amount and then submit the updates by clicking on "Submit Update" button.



NVAP DATA DICTIONARY

The data dictionary in this section provides a list of the fields available within NVAP, a brief description, an indicator as to whether or not the field is required, if monthly updates are required, and which fields are prepopulated; along with the user permissions for the VDOT Project Coordinator and the Local User roles.

- 1. All data fields should be reviewed by the Local User.
- 2. Highlighted fields in the table represent fields that require monthly updates.

Field Name	Definition	Is Required?	Pre populated?	VDOT Project Coordinator	Local User
Organization	Jurisdictions that may manage a project.	Yes	Yes	View	View
UPC	Unique number used to identify projects.	Yes	Yes	View	View
District	The primary VDOT construction district responsible for a project.	Yes	Yes	View	View
Residency	A sub-district entity responsible for maintenance and construction operations for a defined group of jurisdictions.	No	Yes	View	View
Road System	Roadway classification system: Primary, Urban, Secondary, etc.	No	Yes	View	View
Route	The number identifying the road where the project will take place.	No	Yes	View	View
Administered By	Management of the project: VDOT, Locally, DRPT, or other entity.	Yes	Yes	View	View
Description	A narrative briefly describing the project.	Yes	Yes	View	View
Scope of Project	Broad category describing the work proposed in the project.	Yes	No	Add	Add
VDOT Project Coordinator	VDOT local project liaison that will display on the Public Dashboard.	Yes	Yes	Edit	View
VDOT Project Coordinator Phone	VDOT local project liaison phone number that will display on the Public Dashboard	Yes	Yes	Edit	View

Field Name	Definition	Is Required?	Pre populated?	VDOT Project Coordinator	Local User
VDOT Project Coordinator Email	VDOT local project liaison email address that will display on the Public Dashboard	Yes	Yes	Edit	View
Locality Project Manager	Locality project manager that will display on the Public Dashboard	Yes	Yes	Edit	Edit
Locality Project Manager Phone	Locality project manager phone that will display on the Public Dashboard	Yes	Yes	Edit	Edit
Locality Project Manager Email	Locality project manager email that will display the Public Dashboard	Yes	Yes	Edit	Edit
Construction Company	Contractor awarded on the contract	Yes	No	Add	Add
Original Contract Completion Date	Project construction completion date specified on awarded contract	Yes	No	Add	Add
Projected Completion Date (*Monthly)	Original contract completion date plus any approved time modifications due to change orders.	Yes (same as prior or initial update)	No	Edit	Edit
Construction Final Completion Date (C-5 End Date)	Ending C-5 Date (all punch list items should be completed as well as the final inspection prior to this date) C-5 should be signed by locality and VDOT project coordinator.	No	No	Add	Add
Contract Award Amount	The amount of the contract value awarded to the contractor. This is the amount on the executed contact. (does not include CEI or contingencies)	Yes	No	Add	Add
Current Contract Amount (*Monthly)	The contact award amount plus any approved modifications due to change orders.	Yes	No	Edit	Edit

Cost of Work To Date (*Monthly)	Total amount of all approved contractor expenditures / invoices since the award of the contract.	Yes	No	Edit	Edit
Comments	Project related comments displayed on the Public Dashboard that provide additional information about the project status. Include any comments to describe project delays or increases to contract amount since last monthly update.	No	No	Edit	Edit
Update due date		Yes	No	View	View
Is Archived?	When the project is completed and will be archived in the Smart Portal database	No	No	View	View
Project Team Site	URL of project website if one exists	No	No	Edit	Edit
Milestone Description	Only for contracts that have key events that determine status - a narrative that briefly describes the event	No	No	Add	Add
Milestone Original Completion Date	Only for contracts that have key events that determine status - the original/planned date of completion for milestone	No	No	Add	Add
Milestone Actual Completion Date	Only for contracts that have key events that determine status - the actual date of completion for milestone	No	No	Add	Add

Please note the following:

- 1. Fields that allow the user to "Add" data cannot be edited later.
- 2. Email Notifications NVAP includes a feature that provides email notifications to the local project manager and VDOT project coordinator 35 days prior to a required update. An email notification is also sent if a due date is missed. Both the local project manager and VDOT project coordinator will receive weekly emails until NVAP is updated. With each monthly update, the due date is reset. Optional updates also trigger an email notification.