

Basics of SIIMS

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Agenda

- Work type Filter/Dashboard
- Workflow Filters
- View Edit Assets/Reports
- Maps

Work type Filter/Dashboard

Workflow filters and Dashboards can be found in two ways

Setup a Main Page

Menu buttons at the top of the page.

Setting Main Page

Default Main Page

Click “Main” Button

Select “My Preferences”

Click “Edit” on Default Home Page

Select Default Homepage Preference

- Main Dashboard
- Collector Dashboard
- Report Filter
- Inspection Schedules
- Maintenance Dashboard
- Maintenance Filter
- Manager Dashboard
- Report Summary View

Click Save

Close Window

Click “Main” Button

Default Main Page

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Saved Filters **Report Filter: In Progress State** Manage

FHWA Number	Bridge ID	Inspection Date	Inspection Type	Report Status	Create Date	Asset Parent	Detailed Status	Assigned To	Assigned Users
608280	5625.6R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	
608285	5625.6L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	
607955	5620.4O218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	
607945	5619.4R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	
607950	5619.4L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	

Click “Main” Button

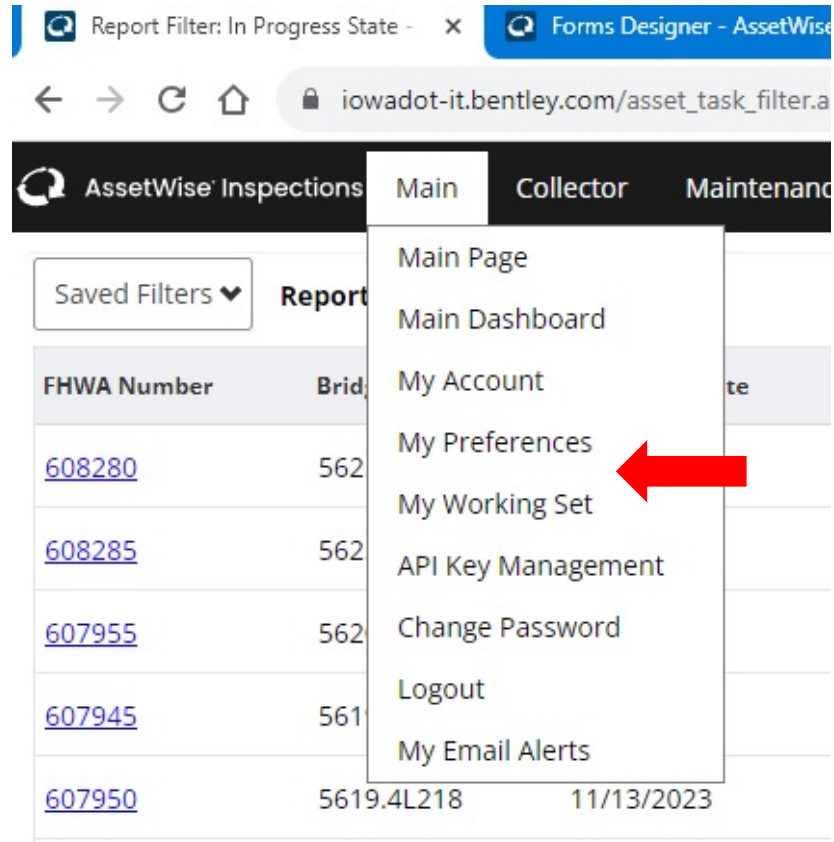


AssetWise Inspections **Main** Collector Maintenance Manager Administration Help

Saved Filters **Report Filter: In Progress State** Manage

FHWA Number	Bridge ID	Inspection Date	Inspection Type	Report Status	Create Date	Asset Parent	Detailed Status	Assigned To	Assigned Users
608280	5625.6R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	📍 📄 ⋮
608285	5625.6L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	📍 📄 ⋮
607955	5620.4O218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	📍 📄 ⋮
607945	5619.4R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	📍 📄 ⋮
607950	5619.4L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Greiner, Jared & Nelson, Joe	📍 📄 ⋮

Select “My Preferences”



The screenshot shows a web browser window with two tabs: "Report Filter: In Progress State" and "Forms Designer - AssetWise". The address bar shows the URL "iowadot-it.bentley.com/asset_task_filter.a". The application header includes the AssetWise logo and navigation tabs for "Main", "Collector", and "Maintenance". A dropdown menu is open under the "Main" tab, listing several options: "Main Page", "Main Dashboard", "My Account", "My Preferences", "My Working Set", "API Key Management", "Change Password", "Logout", and "My Email Alerts". A red arrow points to the "My Preferences" option. In the background, a table with columns "FHWA Number" and "Brid" is visible, containing several rows of data.

FHWA Number	Brid
608280	562
608285	562
607955	562
607945	561
607950	5619.4L218

Click “Edit” on Default Home Page

My Preferences

Preference:

Preference	Value	Description
Edit Asset Detail - Default Tab	Default	The default tab you will see after loading Asset Details Page.
Edit Asset Detail - Open Edit Asset Values in new tab	False	Setting this to True will open Edit Asset Values in a new tab
Edit Asset Detail - Show Administration Tab	True	Setting this to false will hide the administration tab from the asset details page.
Edit Asset Detail - Show Asset Info Tab	True	Setting this to false will hide the asset info tab from the asset details page.
Edit Asset Detail - Show Files Tab	True	Setting this to false will hide the files tab from the asset details page.
Edit Asset Detail - Show Maintenance Tab	True	Setting this to false will hide the maintenance tab from the asset details page.
Edit Asset Detail - Show ProjectWise Tab	True	Setting this to false will hide the ProjectWise tab from the asset details page.
Edit Asset Detail - Show Report Sections	True	Setting this to false will hide the Asset Values Report Sections panel on the Quick View tab on the asset details page.
Edit Asset Detail - Show Scheduling Tab	False	Setting this to false will hide the Scheduling tab on the asset details page
Edit Default Home Page	Default	The default home page you will see after logging into the application
Edit Default Multi Upload File Type	Photo	The default File Type selected when uploading multiple files
Edit Default Report Toolbar Upload File Type	Photo	The default File Type selected when uploading from the report toolbar
Edit Default Upload File Type	Photo	The default File Type selected when uploading a single file
Edit Form Script Debug Mode	False	Allows debug mode for Form Script functions
Edit Is Default Report Maintain Dropdown Set to All	False	Setting this to true will set dropdown for report viewer to all
Edit Use Mobile Theme	False	The default viewing theme for mobile devices. Setting this value to True will use the Mobile theme which is more geared toward tablet/mobile use.

Select Default Homepage Preference

The screenshot displays the 'Defaults | AssetWise Inspections' configuration window. The window title bar includes navigation links: AssetWise Inspections, Main, Collector, Maintenance, Manager, and Administrator. The main content area is titled 'Enter/Modify Value' and contains the following information:

- Description:** The default home page you will see after logging into the application
- Default Value:** Default
- Sample:** ---

Below this information is a 'Value:' field with a dropdown menu. The dropdown is currently open, showing the following options:

- Collector Dashboard (selected)
- Default
- Main Dashboard
- Collector Dashboard
- Report Filter
- Inspection Schedules
- Maintenance Dashboard
- Maintenance Filter
- Manager Dashboard
- Report Summary View

At the bottom left of the configuration area, there are 'Save' and 'Close' buttons. The background shows a sidebar with 'My Preferences' and a list of preferences, each with an 'Edit' link.

Home Page Examples - Filters

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Report Filter: In Progress State

FHWA Number	Bridge ID	Inspection Date	Inspection Type	Report Status	Create Date	Asset Parent	Detailed Status	Assigned To	Assigned Users
036521	6698.2S009	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 2	In progress	Hawker, David & OCo...	
607450	1938.3S018	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 2	In progress	Hawker, David & OCo...	
608280	5625.6R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Grei...	
608285	5625.6L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Grei...	

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Maintenance Filter: District 6 Open Maint Rec

Asset Parent	Bridge ID	FHWA Number	Create Date	Assigned Cost Center(Report)	RecommendationCode(Report)	RecommendationText(Report)	Corrective(Report)	Preventive(Report)
State Bridges - Dist...	0645.6S218	014320	01/10/2018	Urbana	431	The erosion or degradation of the st...	False	True
State Bridges - Dist...	2840.5S013	023260	06/12/2018	Manchester	417	The erosion of the far berm should ...	True	False
State Bridges - Dist...	2285.2S052	020561	01/03/2019	Dyersville	417	The erosion of the far berm should ...	True	False
State Bridges - Dist...	5727.8S013	033711	04/24/2019	Manchester	431	The erosion or degradation of the st...	False	True
State Bridges - Dist...	5354.4L151	607850	09/03/2019	Anamosa	521	The shoulder panel at the far left en...	False	False
State Bridges - Dist...	2882.8S020	023090	10/30/2019	Manchester	499	The following waterway repairs are ...	False	True

Click Save

Defaults | AssetWise Inspections

Enter/Modify Value

Description: The default home page you will see after logging into the application

Default Value: Default

Sample: ---

Value: ▼



Close Window



Click “Main” Button



Select Main Page

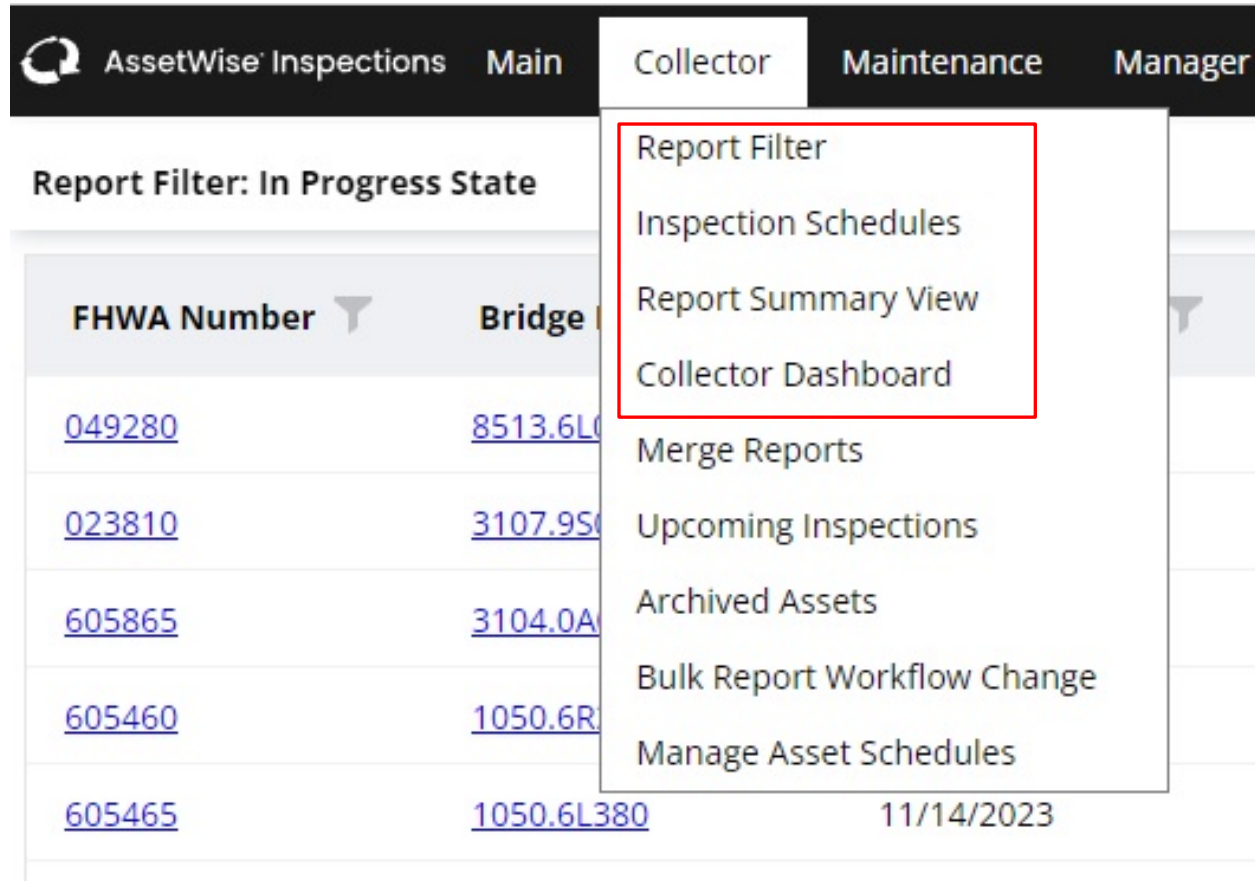
AssetWise Inspections **Main** Collector Maintenance Manager Administration Help

My Preferences

Preference:

Preference	Value	Description
Edit Asset Detail - Default Tab	Default	The default tab you will see after loading Asset Details Page.
Edit Asset Detail - Open Edit Asset Values in new tab	False	Setting this to True will open Edit Asset Values in a new tab
Edit Asset Detail - Show Administration Tab	True	Setting this to false will hide the administration tab from the asset details page.
Edit Asset Detail - Show Asset Info Tab	True	Setting this to false will hide the asset info tab from the asset details page.
Edit Asset Detail - Show Files Tab	True	Setting this to false will hide the files tab from the asset details page.
Edit Asset Detail - Show Maintenance Tab	True	Setting this to false will hide the maintenance tab from the asset details page.
Edit Asset Detail - Show ProjectWise Tab	True	Setting this to false will hide the ProjectWise tab from the asset details page.
Edit Asset Detail - Show Report Sections	True	Setting this to false will hide the Asset Values Report Sections panel on the Quick View tab on the asset details page.
Edit Asset Detail - Show Scheduling Tab	False	Setting this to false will hide the Scheduling tab on the asset details page
Edit Default Home Page	Default	The default home page you will see after logging into the application
Edit Default Multi Upload File Type	Photo	The default File Type selected when uploading multiple files
Edit Default Report Toolbar Upload File Type	Photo	The default File Type selected when uploading from the report toolbar
Edit Default Upload File Type	Photo	The default File Type selected when uploading a single file
Edit Form Script Debug Mode	False	Allows debug mode for Form Script functions
Edit Is Default Report Maintain Dropdown Set to All	False	Setting this to true will set dropdown for report viewer to all
Edit Use Mobile Theme	False	The default viewing theme for mobile devices. Setting this value to True will use the Mobile theme which is more geared toward tablet/mobile use.

Menu Buttons - Collector



The screenshot shows the 'Collector' menu in the AssetWise Inspections interface. The menu is open, displaying a list of options. A red box highlights the first four items: 'Report Filter', 'Inspection Schedules', 'Report Summary View', and 'Collector Dashboard'. The background shows a table of inspection data with columns for 'FHWA Number' and 'Bridge'.

AssetWise Inspections Main Collector Maintenance Manager

Report Filter: In Progress State

FHWA Number	Bridge
049280	8513.6L0
023810	3107.9S0
605865	3104.0A0
605460	1050.6R0
605465	1050.6L380

- Report Filter
- Inspection Schedules
- Report Summary View
- Collector Dashboard
- Merge Reports
- Upcoming Inspections
- Archived Assets
- Bulk Report Workflow Change
- Manage Asset Schedules

11/14/2023

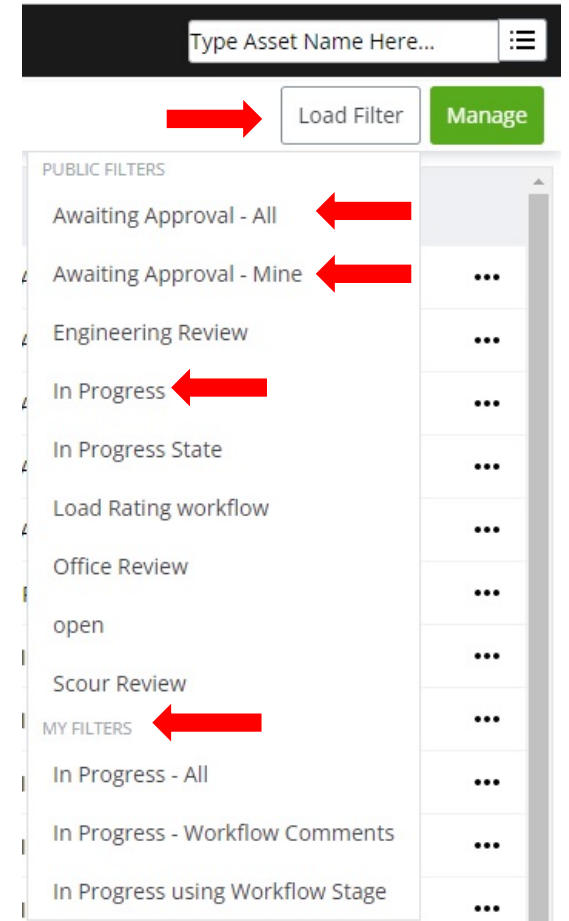
Workflow Filters

In Progress – Shows all inspections that are active (Public Filter)

- All – All Inspections open in your County or City
- Mine – All in progress reports assigned to an individual

Awaiting Approval – Shows all reports to be reviewed for approval (Public Filter)

My Filters – Users can create custom filters for personal use



Manage My Filter

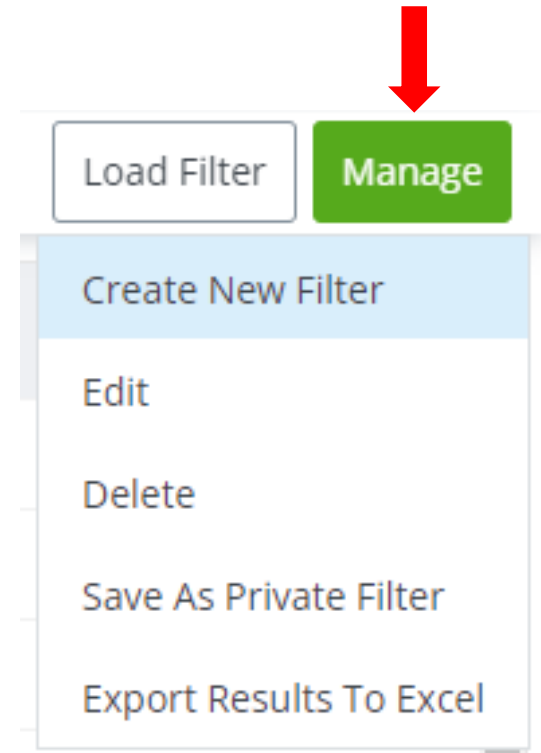
Create New Filter

Edit

Delete

Save as Private Filter – Can save a Public Filter to start Private filters

Export Results to Excel



Create New Private Filter

- Filter Criteria – Determines search criteria open Report
- Display Columns – Information that will appear on the My Filter Report Filter
- Save

Create New Filter

Filter Name:

Select all reports where:
Approved by Equals Logged in User

Filter Criteria

Approved by | Equals | Logged in User x | |

←

Displayed on:
Sorted by:

Display Columns ←

All Display Columns	Selected Columns	Sort by
Approved by <input type="checkbox"/>		
Approved Date <input type="checkbox"/>		
Asset Parent <input type="checkbox"/>		

Save Clear

↑

View Edit Assets/Reports

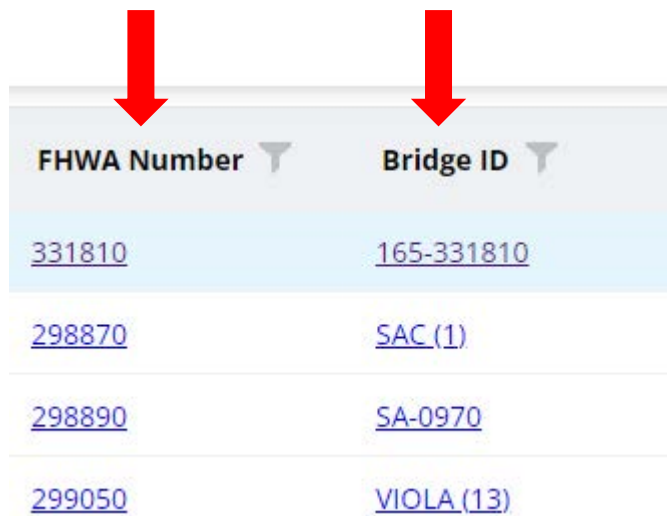
View Assets – Shows the most recent information from the most recent approved Report

Open Report – Shows the information recorded during inspection

How to View Assets

CLICK EITHER LINK FROM THE REPORT FILTER :

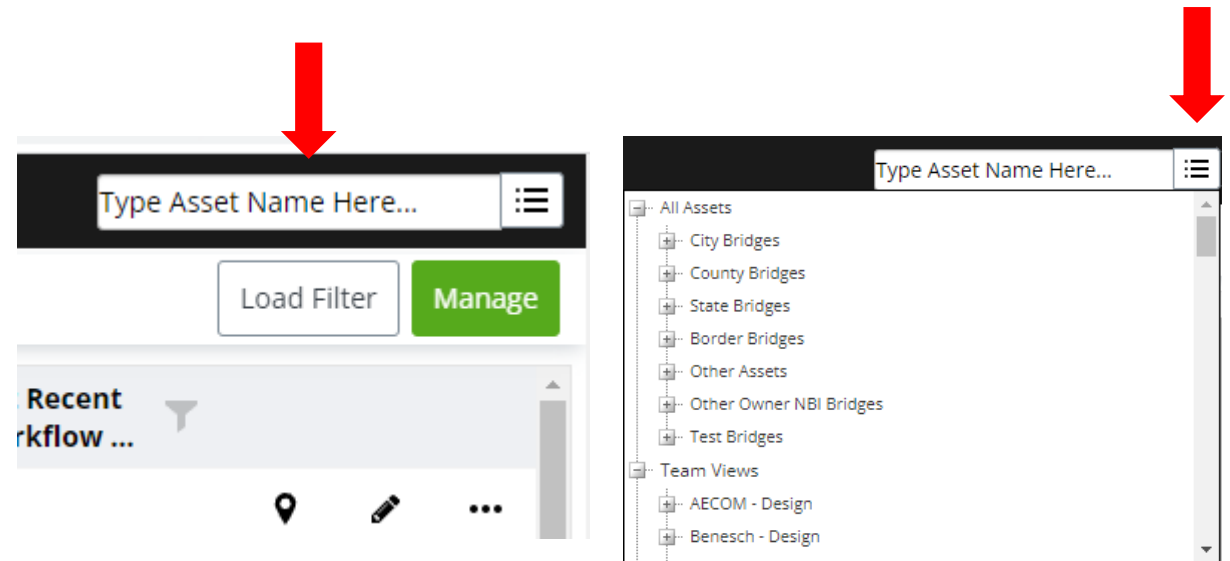
- BRIDGE ID
- FHWA NO.



FHWA Number	Bridge ID
331810	165-331810
298870	SAC (1)
298890	SA-0970
299050	VIOLA (13)

SEARCH FOR ASSET USING THE SEARCH TREE

- TYPE THE FHWA OR BRIDGE ID NO.
- USE THE LAYERED ICON TO SEARCH ASSET LOCATION AND NUMBER



The screenshot shows a search interface with a search bar at the top containing the text "Type Asset Name Here...". Below the search bar are two buttons: "Load Filter" and "Manage". Below the buttons is a "Recent workflow ..." section. To the right is a search tree with a layered icon at the top right. The search tree contains the following items:

- All Assets
 - City Bridges
 - County Bridges
 - State Bridges
 - Border Bridges
 - Other Assets
 - Other Owner NBI Bridges
 - Test Bridges
- Team Views
 - AECOM - Design
 - Benesch - Design

Open View Asset Values

The image shows a software interface with a dark header bar. On the right side of the header bar, there is a search input field containing the text "Type Asset Name Here..." and a hamburger menu icon. Below the header bar is a horizontal toolbar with six buttons: "Sent Emails" (with an envelope icon), "+ Show More Details", "View Asset Values" (with a pencil icon), "Show on Map" (with a location pin icon), "Remove from Working Set" (with a plus and minus icon), and "+ Create Report". A red arrow points upwards to the "View Asset Values" button.

View Asset View

- View Access to recent Inspection Information
- Access to most recent Report Sections
- Users are not allowed to manipulate Information (Use Data Update Report Types for data changes/corrections outside a typical inspection – See Below)

Note: Asset View will have a blue colored background

SI&A Tab

IOWA STRUCTURE INVENTORY AND APPRAISAL SHEET-

Bridge Name: Bridge ID:

Condition Rating: Bridge Condition Index (BCI):

New Bridge ID: Comments: Network Route Type Stratification:

Identification		Inspections	
City	<input type="text" value="CORALVILLE"/>	90 Inspection Date	<input type="text" value="01/30/2023"/> Next Routine Inspection Type: <input type="text" value="Routine"/>
3 County Code	<input type="text" value="052 - Johnson"/>	91 Insp Frequency	<input type="text" value="20"/> months Next Inspection Date: <input type="text" value="09/30/2024"/>
8 Structure No.	<input type="text" value="600351"/>	92 CRITICAL FEATURE INSPECTION	
5 Inventory Route	<input type="text" value="121002181"/>		
(A,B,C,D,E)	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="1"/> <input type="text" value="00218"/> <input type="text" value="1"/>	Y/N	FREQ
2 State District No.	<input type="text" value="6"/> <input type="text" value="G"/> <input type="text" value="7"/>	A Fracture Critical Detail	<input type="text" value="N"/>
6 Features Intersected	<input type="text" value="180"/>	B Underwater Inspection	<input type="text" value="N"/>
7 Facility Carried	<input type="text" value="1380 NB"/>	C Other Special Inspection	<input type="text" value="N"/>
9 Location	<input type="text" value="I-80 / I-380 INTERCHANGE"/> Max. 25 Chars	Inspection Agency	<input type="text" value="IADOT"/>
		Inspection Group/Consultant	<input type="text" value="Team 4"/>

5200.0R380

Forms

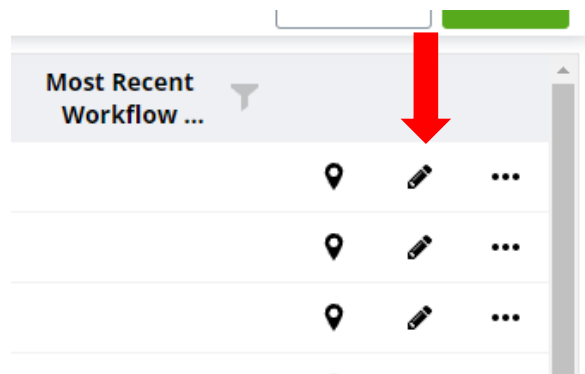
- Field Data
 - Inspection Info
 - Bridge Descriptions
 - Deck
 - Superstructure
 - Substructure
 - Piers
 - Channel
 - Channel Bed Measurements
 - SIA
 - Underrecords
 - SIA - Updated
 - Under Water Inspection
- Report Info
 - NBI Error Check
 - NBI Calcs

How to access Open Reports

REPORT FILTER ACCESS – CLICK THE PENCIL ICON

ASSET QUICK VIEW – CLICK THE PENCIL ICON

Note: Access to Reports may be determined by your Account Permissions



Open Reports

Last Revision	FHWA Number	Sub-Assets	Asset Type	INSPKEY	NBI 90 Date	Report Type	Inspection Type	NBI 007 Facility Carried	NBI 006 Features Crossed	NBI 009 Location	City	County	Submitted To	Workflow Stage	Status
11/26/2023	331810	none	Bridge		8/10/2016	IOWA Full ...	In-Depth	IMRL RR	C.P.R.S. RAILROAD		R...	090 - ...		In Progress	Rep...

< 1 >

Page 1 of 1

Open Reports View

- View Access to recent Inspection Information
- Access to most recent Report Sections
- Users are not allowed to manipulate Information (Use Data Update Report Types for data changes/corrections outside a typical inspection)

Note:

- Open Report View will have a gray colored background
- Yellow Cells are fields that have not changed since the previous inspection

IOWA STRUCTURE INVENTORY AND APPRAISAL SHEET

Bridge Name: Bridge ID: 5200.0R380

Condition Rating: **Good** Bridge Condition Index (BCI): **85.2**

New Bridge ID: Comments: Network Route Type Stratification: **NHS - CIN**

Identification		Inspections	
City	CORALVILLE	90 Inspection Date	11/09/2023
3 County Code	052 - Johnson	Next Routine Inspection Type	Routine
8 Structure No.	600351	91 Insp Frequency	24 months
5 Inventory Route	121002181	Next Inspection Date	<input type="text"/>
(A,B,C,D,E)	1 2 1 00218 1	92 CRITICAL FEATURE INSPECTION	
2 State District No.	6 G 7	A Fracture Critical Detail	N
6 Features Intersected	1.80	B Underwater Inspection	N
		C Other Special Inspection	N

5200.0R380

Forms

- Field Data
 - Inspection Info
 - Bridge Descriptions
 - Deck
 - Superstructure
 - Substructure
 - Piers
 - Underrecords
 - SIA - Updated**
- Report Info
 - NBI Error Check
 - NBI Calcs

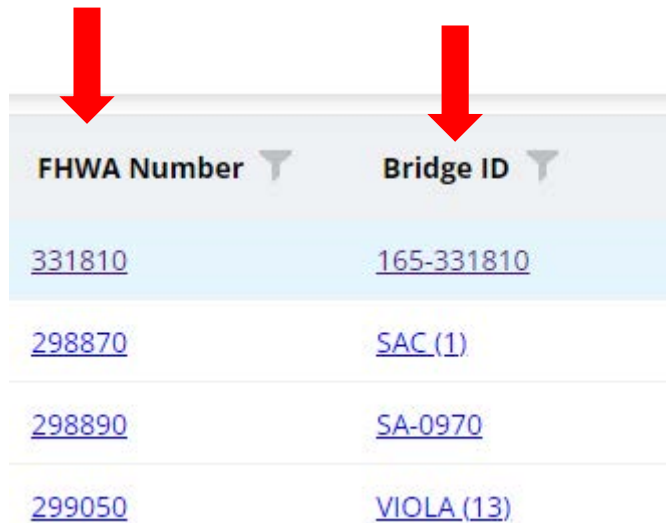
How to View Old Reports

CLICK EITHER LINK FROM THE REPORT FILTER :

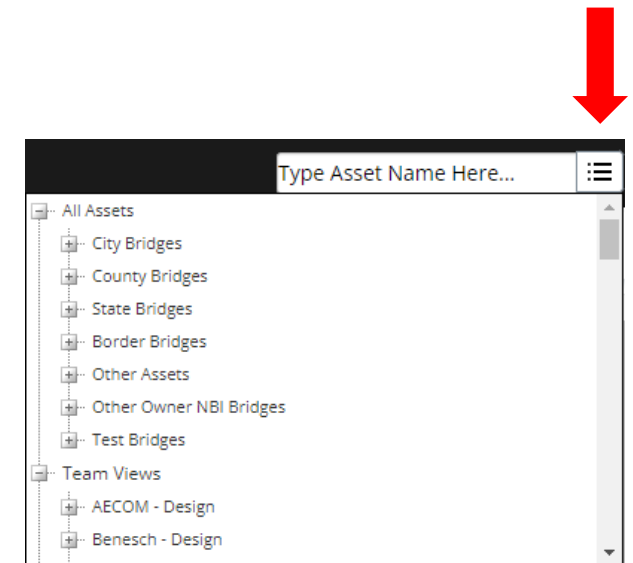
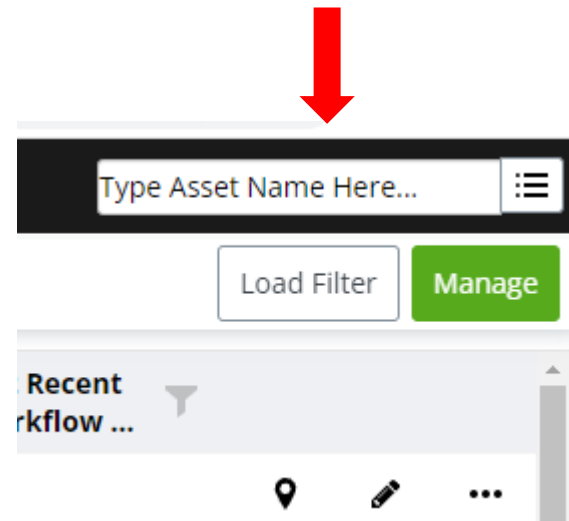
- BRIDGE ID
- FHWA NO.

SEARCH FOR ASSET USING THE SEARCH TREE

- TYPE THE FHWA OR BRIDGE ID NO.
- USE THE LAYERED ICON TO SEARCH ASSET LOCATION AND NUMBER

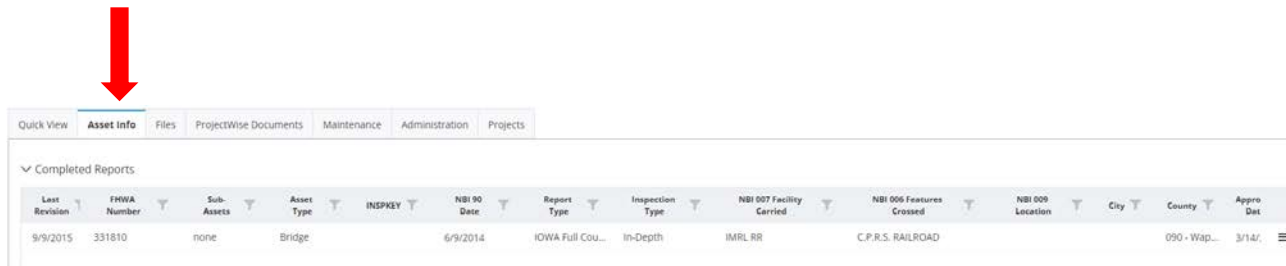


FHWA Number	Bridge ID
331810	165-331810
298870	SAC (1)
298890	SA-0970
299050	VIOLA (13)

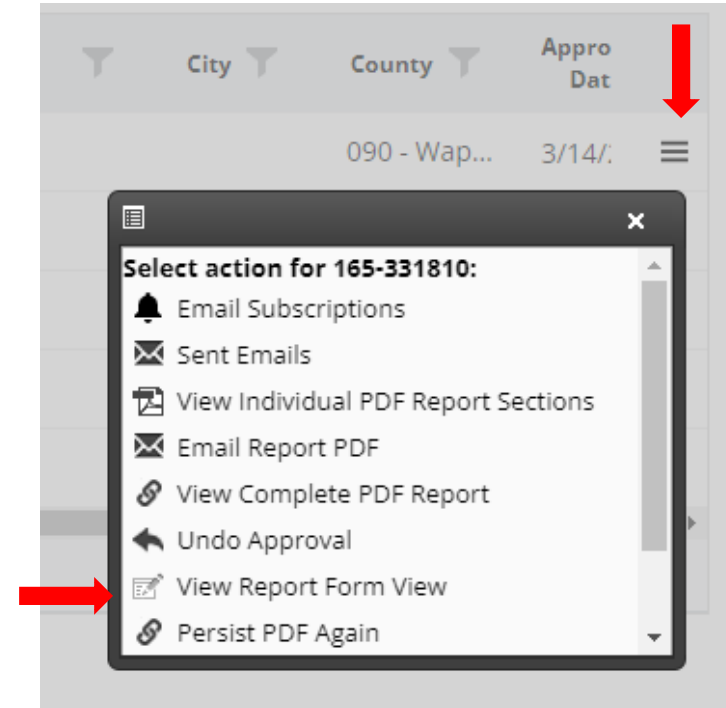


How to View Old Reports

SELECT ASSET INFO TAB



CLICK ON THE LAYER ICON AND SELECT "VIEW REPORT FROM VIEW"



Old Reports View

- Old Reports cannot be updated
- Old Reports show any Input forms and Report Sections in use at the time the report was approved.
- Deleted input forms cannot be added back (Forms input is not available)

Note:

- Asset View will have a gray colored background
- Yellow Cells are fields that have not changed since the previous inspection

IOWA STRUCTURE INVENTORY AND APPRAISAL SHEET

Bridge Name: Bridge ID: 5200.0R380

Condition Rating: **Good** Bridge Condition Index (BCI): **85.2**

New Bridge ID: Comments: Network Route Type Stratification: **NHS - CIN**

Identification		Inspections	
City	CORALVILLE	90 Inspection Date	11/09/2023
3 County Code	052 - Johnson	Next Routine Inspection Type	Routine
8 Structure No.	600351	91 Insp Frequency	24 months
5 Inventory Route	121002181	Next Inspection Date	<input type="text"/>
(A,B,C,D,E)	1 2 1 00218 1	92 CRITICAL FEATURE INSPECTION	
2 State District No.	6 G 7	A Fracture Critical Detail	N
6 Features Intersected	1.80	B Underwater Inspection	N
		C Other Special Inspection	N

93 CFI Date

Forms

- Field Data
 - Inspection Info
 - Bridge Descriptions
 - Deck
 - Superstructure
 - Substructure
 - Piers
 - Underrecords
 - SIA - Updated**
- Report Info
 - NBI Error Check
 - NBI Calcs

How to Create New Reports

Navigate to the Asset

Click (+Create Report)



Asset Details: Copy of Test County1

Sent Emails Show More Details Edit Asset Values Show on Map Add to Working Set Create Report

Quick View | Asset Info | Files | ProjectWise Documents | Maintenance | Administration | Projects

Parent Asset: Test Bridges
Bridge ID: Copy of Test County1
FHWA Number: 11111122222
Asset Type: Bridge
BRKEY:

How to Create New Reports

- Create Inspection Based on:
 - Blank Report – Brings over no history
 - Asset Values – Brings over existing bridge inspection data
- Options
 - Copy Report – Brings over previous files
 - Copy Previous Report Sections – Brings over user created PDF's
- Report Type

The screenshot shows a dialog box titled "Create Inspection Report Based On" with the following elements:

- Create Inspection Report Based On:** A section with two radio buttons: "Blank report" (unselected) and "Asset Values" (selected). A red arrow points to this section.
- Options:** A section with two checkboxes: "Copy report files (photos, etc.)" (unselected) and "Copy previous report section attachments (PDF)" (unselected). A red arrow points to this section.
- Report Type:** A dropdown menu currently showing "LPA Bridge". A red arrow points to this dropdown.
- Inspection Type:** A section with eight checkboxes: "Routine" (checked), "Other" (unselected), "In-Depth" (unselected), "Special" (unselected), "Fracture Critical" (unselected), "Load Rating" (unselected), "Underwater" (unselected), and "Initial" (unselected).
- Buttons:** "Create" and "Cancel" buttons at the bottom right.

How to Create New Reports

- Report Type
 - LPA Bridge – All bridge forms for any type of Inspection Type
 - LPA Bridge Data Update – used when a small change is needed, created to replace the use of Edit Asset Values.
 - LPA Critical Finding – Forms needed for a Critical Finding Inspection only
 - LPA Culvert – All culvert forms for any type of Inspection Type
 - LPA Culvert Data Update – used when a small change is needed, created to replace the use of Edit Asset Values.
 - LPA Fracture Critical – Forms needed for a Fracture Critical Inspection only
 - LPA Load Rating – Forms needed for a Load Rating Inspection only
 - LPA Underwater – Forms needed for an Underwater Inspection only

Create Inspection Report Based On:

Blank report

Asset Values

Options:

Copy report files (photos, etc.)

Copy previous report section attachments (PDF)

Report Type:

LPA Bridge

LPA Bridge

LPA Bridge Data Update

LPA Critical Finding

LPA Culvert

LPA Culvert Data Update

LPA Fracture Critical

LPA Load Rating Report

LPA Underwater

State Bridge

State Bridge Data Update

State Critical Finding

State Culvert

State Culvert Data Update

State Fracture Critical

State Load Rating Report

State Underwater

How to Create New Reports

- Inspection type (Full List available) – This allows you to use queries to search by inspection type. It does not determine forms on the report.
 - Routine
 - In-Depth
 - Fracture Critical
 - Underwater
 - Other
 - Special
 - Load Rating
 - Initial
- Create

The screenshot shows a dialog box titled "Create Inspection Report Based On". It contains the following elements:

- Create Inspection Report Based On:**
 - Blank report
 - Asset Values
- Options:**
 - Copy report files (photos, etc.)
 - Copy previous report section attachments (PDF)
- Report Type:** LPA Bridge (dropdown menu)
- Inspection Type:**
 - Routine
 - In-Depth
 - Fracture Critical
 - Underwater
 - Other
 - Special
 - Load Rating
 - Initial
- Buttons:** Create, Cancel

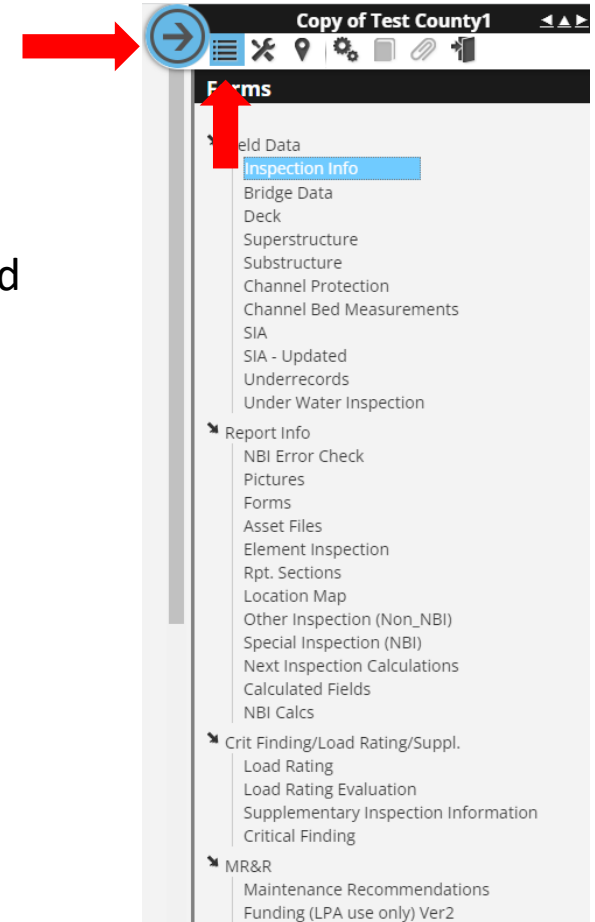
Red arrows in the image point to the "Inspection Type" section and the "Create" button.

Active Report

- Forms
- Form Actions
- Map
- Field Information
- Manuals
- Attachment
- Exit

Active Report

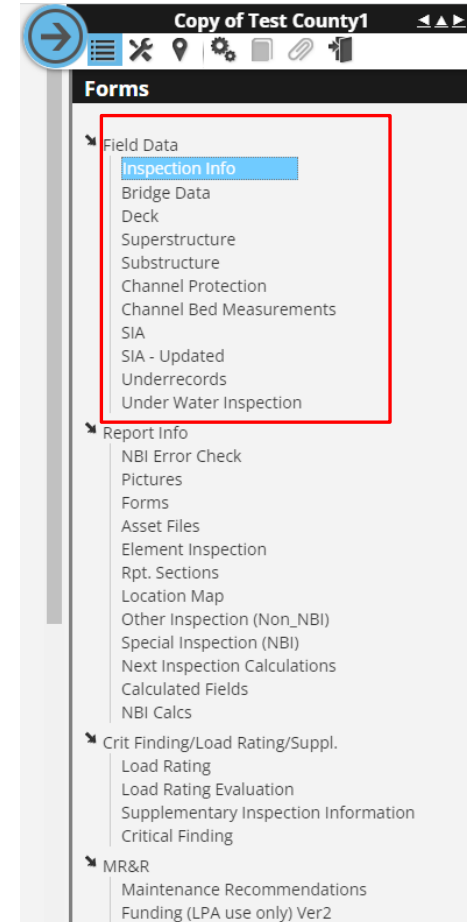
- Collapse Arrow – This will hide/unhide the menu
- Forms – Referred to as Input forms for active inspections
 - Field Data – Forms used to collect active inspection data
 - Report Info – Forms used to add extra information or calculate data
 - Critical Finding/Load Rating/Supplemental Inspections – Forms for Load rating, critical findings and supplemental information that can provide more unique detail and history
 - Maintenance – Forms used to create maintenance work orders and funding (Mostly used by IDOT)



Active Report

Field Data

- Inspection Info – Report creation and workflow information
- Bridge Data – Cut sheet on important information for reference
- Bridge (Culvert) Data Update – Used for data changes/corrections outside a typical inspection
- Deck – Condition Rating Form
- Superstructure – Condition Rating Form
- Substructure – Condition Rating Form
- Culvert – Condition Rating Form
- Channel Projection – Condition Rating Form
- Channel Bed Measurements – Document channel elevation and stream cross-section
- SIA (SIA – Updated) – All the NBI data needed to complete the Federal Submittal (Condition Ratings can be adjusted if a Condition Rating Form is not included in the Report Type selected)
- Underrecords – NBI Data on routes crossing the asset
- Under Water Inspection – Type of underwater inspection completed, materials used and inspection data



Active Report

Report Info

NBI Error Checker – Checker used to confirm NBI Items meet federal requirements

Pictures – Used to add files such as pictures or PDF's

Forms – Can be used to turn forms on and off.

Assets Files – Location of all files stored on all current and existing inspection forms

Element Inspection – Required to be filled out on all NHS assets (Mostly for State use)

Report (Rpt) Sections – Link to the Report Sections and Report PDF's

Location Map – Used to create Location Map

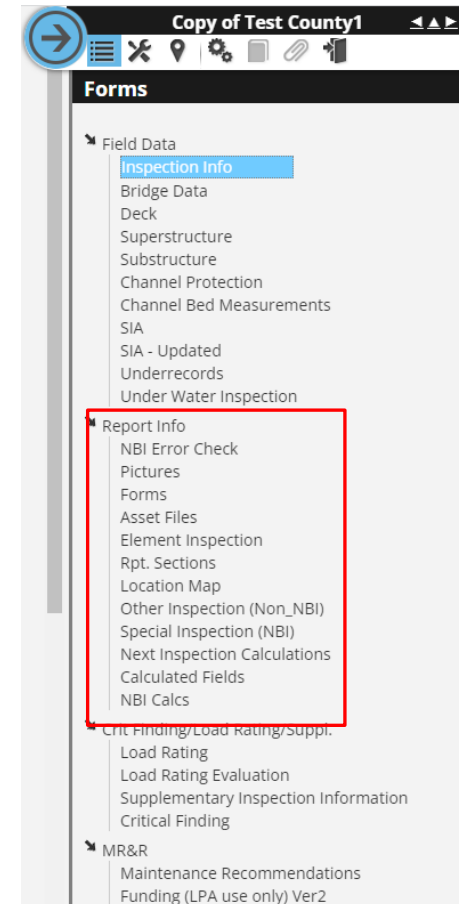
Other Inspection (Non-NBI) – Non-scheduled inspection

Special Inspection (NBI) – NBIS scheduled inspection as required

Next Inspection Calculations – Admin Form

Calculated Fields – Admin Form

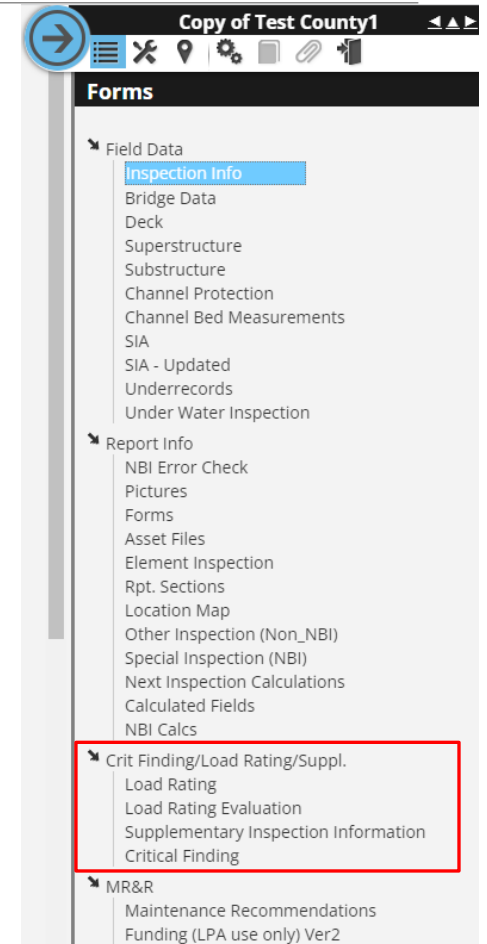
NBI Calcs – Used to Calculate NBI Items 67, 68 and 69



Active Report

Critical Finding/Load Rating/Supplemental Inspections

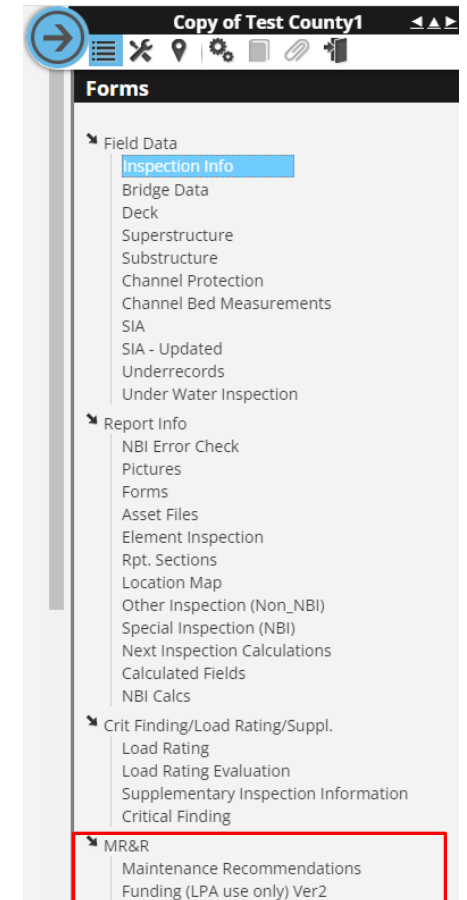
- Load Rating – The most recent Load Rating
- Load Rating Evaluation – Verification that the existing Load Rating is still valid
- Supplementary Inspection Information – Form for additional information collected during inspection
- Critical Finding – Form needed to document a Critical Finding during an active inspection



Active Report

MR&R

- Maintenance Recommendation – Work order form (Mostly State use)
- Funding (LPA Use Only) Ver 2 – Information used to assist in determining to Local Systems Funding (Used to find Priority points and Bridge Condition Index values)



Active Report – Report Sections

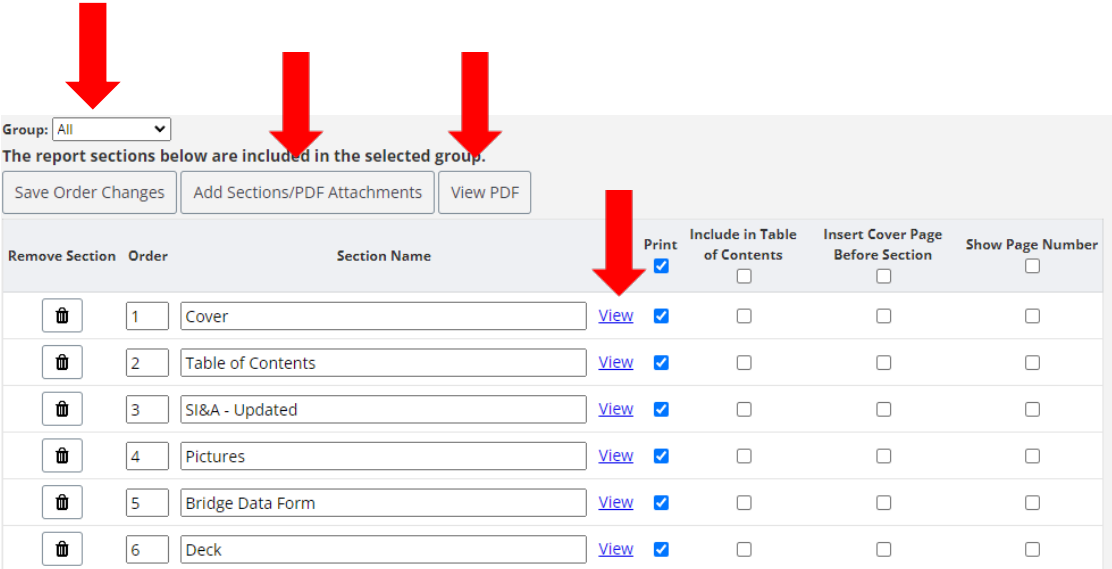
- Groups – Can have multiple Report Section layouts
- Delete – Permanently deletes a Report Section, a deleted section can not be viewed in the future
- Order – The order is preset but can be changed
- Section Name - Some of these can be changed (some pdfs come in with uniquely named sections)
- **Print – this will allow you to control which forms will be included in the overall report pdf**
- Table of Contents
- Insert Cover Page before section
- Show Page Number – Suggestion is to not use this option. Using this option can make it difficult to provide a pdf to outside request.

The screenshot displays the 'Active Report' configuration interface. At the top, there is a 'Group:' dropdown menu set to 'All', with a red arrow pointing to it. Below this, a message states 'The report sections below are included in the selected group.' There are three buttons: 'Save Order Changes', 'Add Sections/PDF Attachments', and 'View PDF'. The main area is a table with columns: 'Remove Section', 'Order', 'Section Name', 'Print', 'Include in Table of Contents', 'Insert Cover Page Before Section', and 'Show Page Number'. The table lists six sections: 'Cover', 'Table of Contents', 'SI&A - Updated', 'Pictures', 'Bridge Data Form', and 'Deck'. Each section has a trash icon, an order number, a text input for the section name, a 'View' link, and checkboxes for the other four options. Red arrows point to the 'Print' checkboxes (all checked), the 'Include in Table of Contents' checkboxes (all unchecked), the 'Insert Cover Page Before Section' checkboxes (all unchecked), and the 'Show Page Number' checkboxes (all unchecked). At the bottom, two red arrows point to the 'Remove Section' trash icons for the 'Table of Contents' and 'Deck' sections.

Remove Section	Order	Section Name	Print	Include in Table of Contents	Insert Cover Page Before Section	Show Page Number
	1	Cover	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	Table of Contents	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	SI&A - Updated	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	Pictures	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	Bridge Data Form	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	6	Deck	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Active Report – Report Sections

- Save Order Change – Use to save any renumbering
- Add Section/PDF Attachment – add any new or old sections or user created pdf's
- View PDF – Creates a full PDF of sections with a check under Print
- View – the Icon will show you the individual Report Section



The screenshot displays the 'Active Report' interface. At the top, a dropdown menu is set to 'All'. Below it, a message states 'The report sections below are included in the selected group.' Three buttons are visible: 'Save Order Changes', 'Add Sections/PDF Attachments', and 'View PDF'. A table lists six report sections with columns for 'Remove Section', 'Order', 'Section Name', 'Print', 'Include in Table of Contents', 'Insert Cover Page Before Section', and 'Show Page Number'. Red arrows point to the 'Group' dropdown, the 'Add Sections/PDF Attachments' button, the 'View PDF' button, and the 'Print' checkbox in the first row.

Remove Section	Order	Section Name	Print	Include in Table of Contents	Insert Cover Page Before Section	Show Page Number
	1	Cover	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	Table of Contents	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	SI&A - Updated	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	Pictures	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	5	Bridge Data Form	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	6	Deck	View <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Maps

- Ways to find a Map
- Map Features

Ways to find a Map

- Manager Dropdown
- Report Filter Map
- Asset View – Show on Map
- Report View – Location Map

Manager Dropdown

- Click Manager Button
- Choose Main Map
- Select Asset Type (Bridge/Culvert/Etc.)
- Search by Location, Asset Type, Bridge ID, County ID or FHWA Number)
- Click “Show Assets”

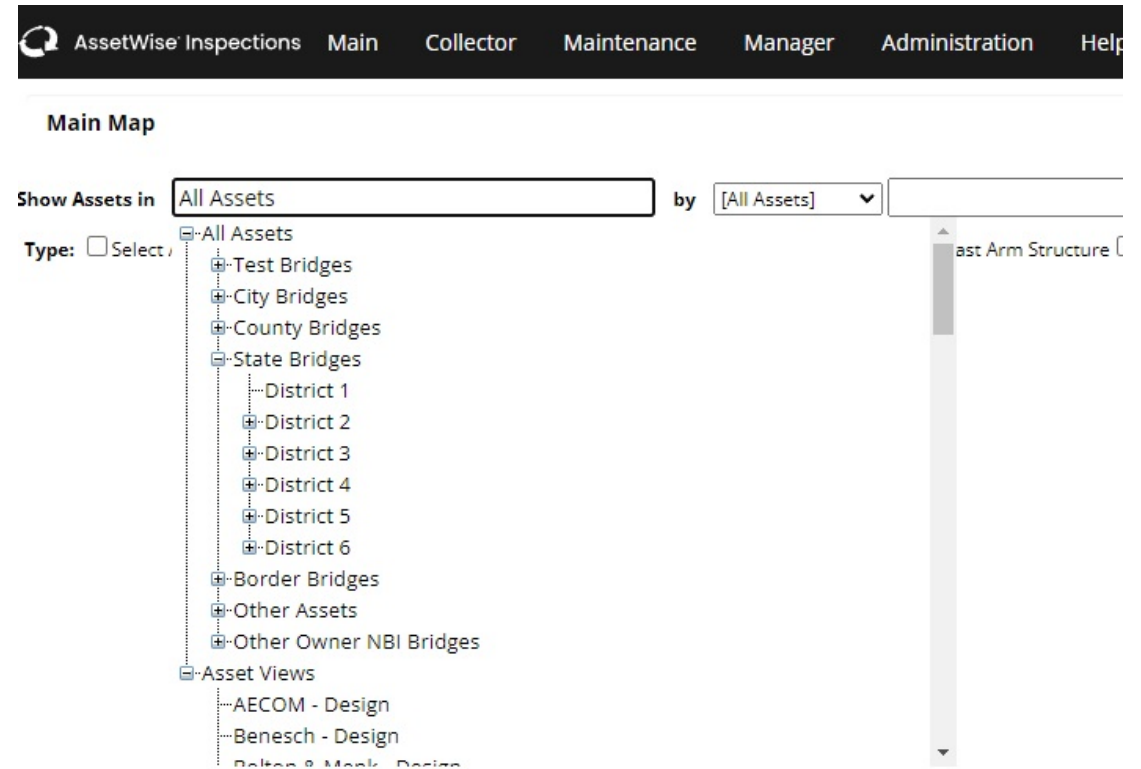
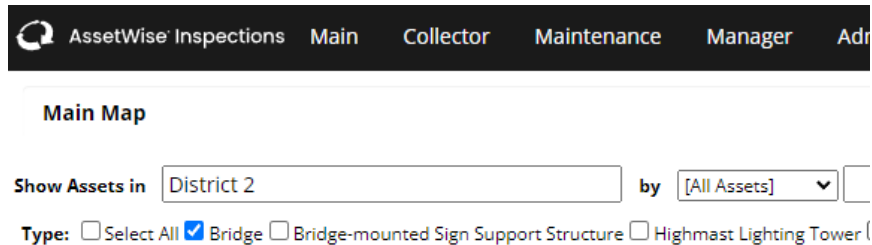
The screenshot shows the top navigation bar of the AssetWise Inspections application. The 'Manager' menu item is highlighted with a red arrow. A dropdown menu is open, listing options: Manager Dashboard, Main Map, Management Reports, Query, Sufficiency Ratings, and Federal Submission. Below the navigation bar, a table titled 'Report Filter: In Progress State' is visible, with columns for FHWA Number, Bridge ID, and Inspection Date. The table contains four rows of data with hyperlinks for the FHWA and Bridge IDs.

FHWA Number	Bridge ID	Inspection Date
036521	6698.25009	11/13/2023
607450	1938.35018	11/13/2023
608280	5625.6R218	11/13/2023
608285	5625.6L218	11/13/2023

The screenshot shows the 'Main Map' interface. The navigation bar includes 'AssetWise Inspections', 'Main', 'Collector', 'Maintenance', 'Manager', 'Administrative', and 'Help'. A search bar on the right says 'Type Asset Name Here...'. Below the navigation bar, there are search filters: 'Show Assets in' (set to 'All Assets'), 'by' (set to '[All Assets]'), and a 'Show Assets' button. At the bottom, there is a 'Type:' section with several checked checkboxes: Select All, Bridge, Bridge-mounted Sign Support Structure, Highmast Lighting Tower, Mast Arm Structure, Overhead Sign Structure, Pedestrian Bridge, Tunnel, and Culvert. Red arrows point to the 'Main Map' label, the 'Manager' button, the search filters, and the 'Show Assets' button.

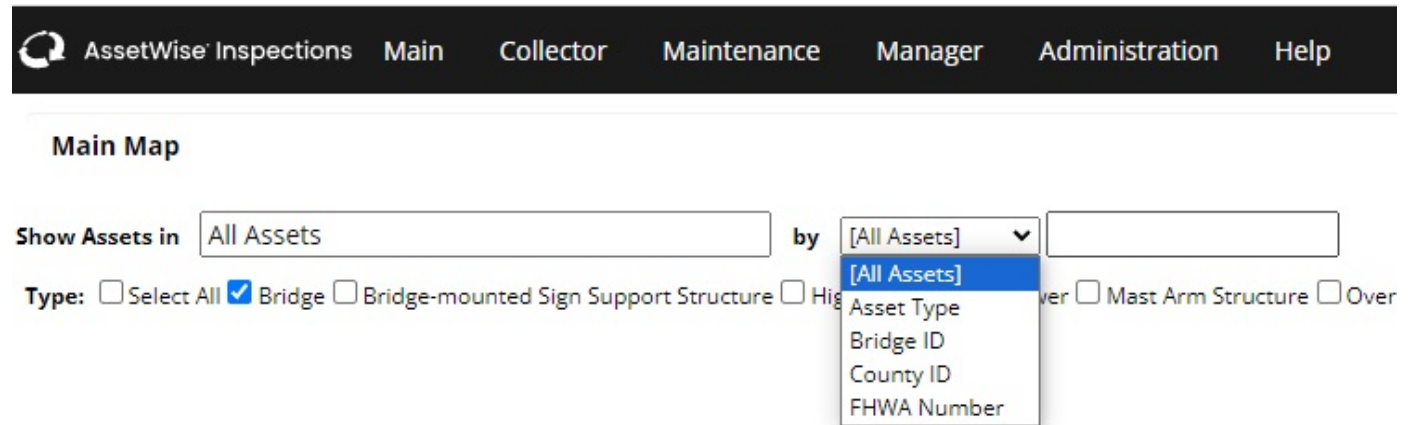
Search by Location

- Location search opens a location tree
- To see more information click on the small Plus until you find your District, County or City.
- Double Click the District, County or City



Search by Asset

- Select Asset Group Dropdown
- Type Asset Number/Name
 - Asset Type – Not used
 - Bridge ID – County specific ID
 - County ID – 3-digit county identifier (all have a leading “0’s”
 - FHWA – Federal Number
- Click Show Asset(s)

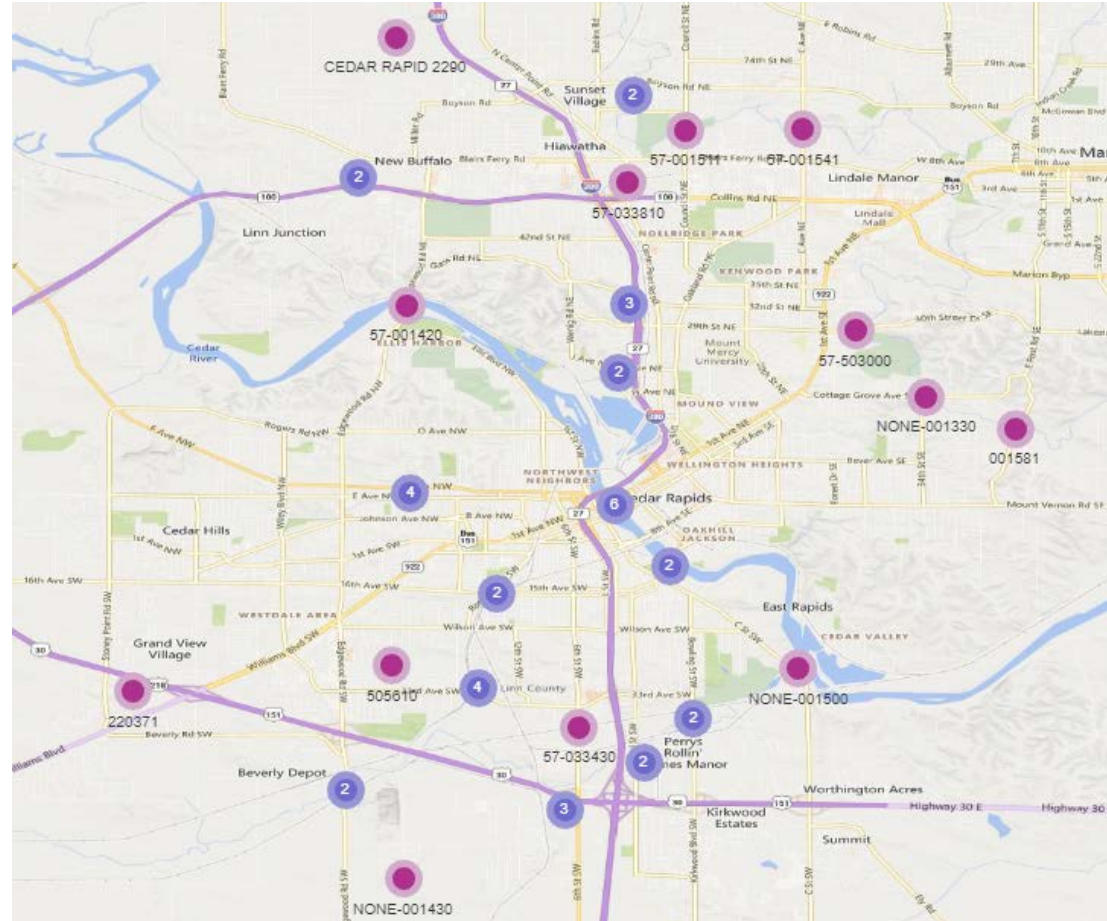


The screenshot shows the top navigation bar of the AssetWise Inspections application with the following menu items: AssetWise Inspections, Main, Collector, Maintenance, Manager, Administration, and Help. Below the navigation bar is the 'Main Map' section. It features a search filter area with the following elements:

- Show Assets in:** A text input field containing 'All Assets'.
- by:** A dropdown menu currently showing '[All Assets]' with a downward arrow. The dropdown is open, displaying the following options: '[All Assets]', 'Asset Type', 'Bridge ID', 'County ID', and 'FHWA Number'.
- Type:** A series of radio buttons for selecting asset types: Select All, Bridge, Bridge-mounted Sign Support Structure, Hig..., Mast Arm Structure, and Over.

Manager Dropdown

- Red (Over 100 Bridges)
- Yellow (50-99 Bridges)
- Blue (2-49 Bridges)
- Purple (Individual Bridge)



Report Filter Map

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Report Filter: In Progress State

FHWA Number	Bridge ID	Inspection Date	Inspection Type	Report Status	Create Date	Asset Parent	Detailed Status	Assigned To	Assigned Users	
036521	6698.25009	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 2	In progress	Hawker, David & OCo...	Hawker, David & OCo...	
607450	1938.35018	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 2	In progress	Hawker, David & OCo...	Hawker, David & OCo...	
608280	5625.6R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Grei...	Jones, Dewight & Grei...	
608285	5625.6L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Grei...	Jones, Dewight & Grei...	

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Main Map

Geometry: Point

Information Streetside

6698.25009

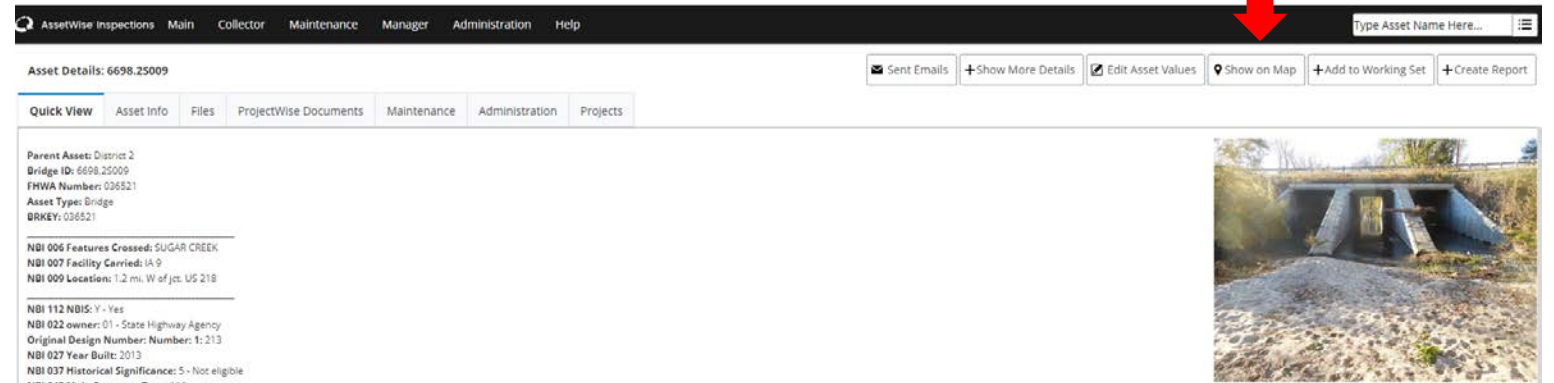
Parent Asset: District 2
Bridge ID: 6698.25009
FHWA Number: 036521
Asset Type: Bridge
BRKEY: 036521

NBI 006 Features Crossed: SUGAR CREEK
NBI 007 Facility Carried: IA 9
NBI 009 Location: 1.2 mi. W of jct. US 218

NBI 112 NBIS: Y - Yes
NBI 022 owner: 01 - State Highway Agency
Original Design Number: Number: 1: 218
NBI 027 Year Built: 2013
NBI 037 Historical Significance: 5 - Not eligible
NBI 043 Main Structure Type: 119

NBI 041 Open, Posted Or Closed: A - Open
Recommended Posting:
Bridge Condition Rating: Good
SUFFICIENCY RATING: 98.6
STRUCTURALLY DEFICIENT: N

Asset View – Show on Map



AssetWise Inspections Main Collector Maintenance Manager Administration Help

Type Asset Name Here...

Asset Details: 6698.25009

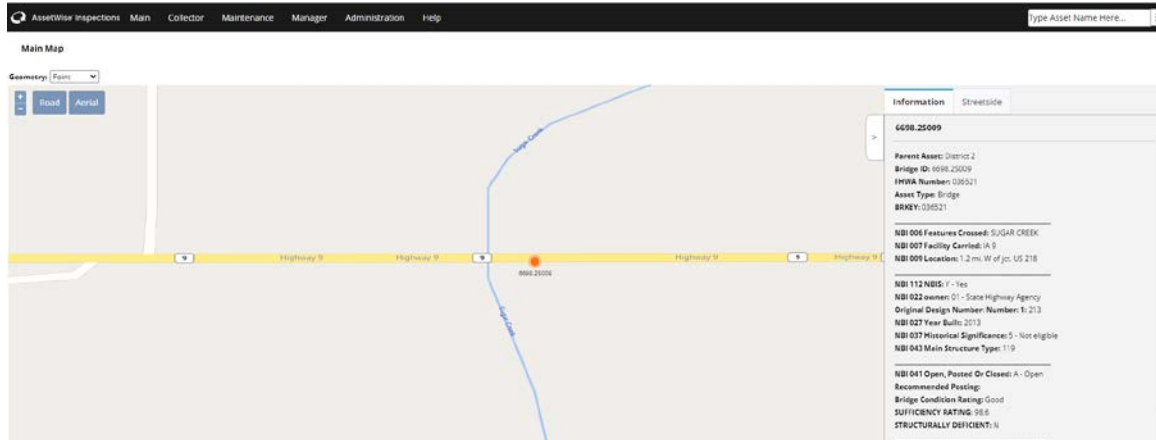

Sent Emails Show More Details Edit Asset Values Show on Map Add to Working Set Create Report

Quick View Asset Info Files ProjectWise Documents Maintenance Administration Projects

Parent Asset: District 2
Bridge ID: 6698.25009
FHWA Number: 036521
Asset Type: Bridge
BRKEY: 036521

NBI 006 Features Crossed: SUGAR CREEK
NBI 007 Facility Carried: IA 9
NBI 009 Location: 1.2 mi. W of jct. US 218

NBI 112 NBIS: Y - Yes
NBI 022 owner: 01 - State Highway Agency
Original Design Number: Number: 1:213
NBI 027 Year Built: 2013
NBI 037 Historical Significance: 5 - Not eligible



AssetWise Inspections Main Collector Maintenance Manager Administration Help

Type Asset Name Here...

Main Map

Geometry: [Open]

Road Aerial

Information Streetside

6698.25009

Parent Asset: District 2
Bridge ID: 6698.25009
FHWA Number: 036521
Asset Type: Bridge
BRKEY: 036521

NBI 006 Features Crossed: SUGAR CREEK
NBI 007 Facility Carried: IA 9
NBI 009 Location: 1.2 mi. W of jct. US 218

NBI 112 NBIS: Y - Yes
NBI 022 owner: 01 - State Highway Agency
Original Design Number: Number: 1:213
NBI 027 Year Built: 2013
NBI 037 Historical Significance: 5 - Not eligible
NBI 043 Main Structure Type: 1:9

NBI 041 Open, Posted Or Closed: A - Open
Recommended Posting:
Bridge Condition Rating: Good
SUFFICIENCY RATING: 100
STRUCTURALLY DEFICIENT: N

Report View – Location Map

The screenshot displays a web-based report interface. On the left, a map shows a street grid with a red location pin on W Main St. Labels include 'W Main St', 'Main St', 'Osage', 'Highway 218', and 'S 7th St'. Below the map is a smaller thumbnail of the same map and a satellite view. A date '11/13/2023' and a link 'Edit Delete Description' are visible. On the right, a sidebar menu titled 'Forms' lists various report sections. A red arrow points to the 'Location Map' item, which is highlighted in blue.

Forms

- Field Data
 - Inspection Info
 - Bridge Descriptions
 - Culvert
 - Channel
 - SIA
 - SIA - Updated
- Report Info
 - NBI Calcs
 - NBI Error Check
 - Pictures
 - Asset Files
 - Element Inspection
 - Rpt. Sections
 - Location Map**
 - Other Inspection (Non_NBI)
 - Special Inspection (NBI)
 - Next Inspection Calculations
 - Calculated Fields
- Crit Finding/Load Rating/Suppl.
 - Load Rating
 - Load Rating Evaluation
 - Critical Finding
- Field Data
 - Maintenance Recommendations
 - Prgm. Recommendations (State use only)

Map Features

Quick View – Information shown on the asset for quick reference

Street View – Street view may be available, allowing you a 360 view of the location.

Quick View

AssetWise Inspections Main Collector Maintenance Manager Administration Help Type Asset Name Here...

Main Map Show Assets

Show Assets in by

Type: Select All Bridge Bridge-mounted Sign Support Structure Highmast Lighting Tower Mast Arm Structure Overhead Sign Structure Pedestrian Bridge Tunnel Culvert

Count: 658

Information Streetside

0787.5A218

Parent Asset: District 2
Bridge ID: 0787.5A218
FHWA Number: 601555
Asset Type: Bridge
BRKEY: 601555

NBI 006 Features Crossed: IA 57
NBI 007 Facility Carried: RAMP J (SB)
NBI 009 Location: AT JCT. OF IA 57

NBI 112 NBIS: Y - Yes
NBI 022 owner: 01 - State Highway Agency
Original Design Number: Number: 1: 3790
NBI 027 Year Built: 1995
NBI 037 Historical Significance: 5 - Not eligible
NBI 043 Main Structure Type: 502

NBI 041 Open, Posted Or Closed: A - Open
Recommended Posting:
Bridge Condition Rating: Good
SUFFICIENCY RATING: 97.7
STRUCTURALLY DEFICIENT: N

Consulting Firm Name: IADOT
Next Inspection Type: Routine
Next Inspection Date: 05/24/2024
NBI 104 Highway System: 1 - Structure/Route is on NHS

Quick View

You can access the Assets Details Page using the link at the bottom of the Information tab. The information tab contains the same information as the Quick View Tab for each asset

Information Streetside

57-503000

Parent Asset: Cedar Rapids
Bridge ID: 57-503000
FHWA Number: 503000
Asset Type: Bridge
BRKEY:

NBI 006 Features Crossed: INDIAN CREEK
NBI 007 Facility Carried: 29TH ST DR SE
NBI 009 Location: 000000000


NBI 112 NBIS: Y - Yes
NBI 022 owner: 04 - City or Municipal Highway Agency
Original Design Number: Number: 1:
NBI 027 Year Built: 1972
NBI 037 Historical Significance: 3 - May be eligible for National Register
NBI 043 Main Structure Type: 502

NBI 041 Open, Posted Or Closed: A - Open

NBI 041 Open, Posted Or Closed: A - Open
Recommended Posting:
Bridge Condition Rating: Fair
SUFFICIENCY RATING: 74.8
STRUCTURALLY DEFICIENT: N

Consulting Firm Name: Consultant
Next Inspection Type: In-Depth
Next Inspection Date: 04/27/2025
NBI 104 Highway System: 0 - Structure/Route is NOT on NHS

NBI 049 Structure Length: 212
NBI 051 Br Rdwy Width C-C: 37.1
Deck Area:: 8692
NBI 029 Est Ave Daily Traffic: 5800 - 2021
Bridge Condition Index: 63.3
Priority Ranking: 18



Go to [Asset Details Page](#)

Zoom Map to Asset

Street View

The screenshot displays the AssetWise Inspections software interface. At the top, a navigation menu includes 'AssetWise Inspections', 'Main', 'Collector', 'Maintenance', 'Manager', 'Administration', and 'Help'. A search bar on the right contains the text 'Type Asset Name Here...'. Below the menu, the 'Main Map' section features a dropdown menu set to 'District 2' and a 'Show Assets' button. A 'Type' filter is set to 'Select All', with 'Bridge' selected. The map shows a network of roads, with State Highway 57 highlighted in yellow. A red arrow points to a specific asset on Highway 57. A 'Streetside' window is open on the right, showing a 360-degree street view of the location. The window title is '019571' and the address is 'IA-57 W, Cedar Falls, IA 50703, United States'. The street view includes navigation controls like a compass, zoom in (+) and zoom out (-) buttons, and left/right arrow keys. A copyright notice '©2023 Microsoft Corporation | 4/21/2020' is visible at the bottom of the street view window.

Questions?

SIIMS Reports/Inspection Questions
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Email: kevin.vrchoticky@iowadot.us

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Email: siims.support@iowadot.us

SIIMS Access/Permission Questions
Annette Jeffers P.E.
Automation Engineer
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Ph No: 515-239-1079 Office
Email: Annette.Jeffers@iowadot.us

