

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
















InspectionsMainCollectorMaintenanceManagerAdministrationHelp

Type Asset Name Here...

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	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	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	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	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	Jones, Dewight & Greiner, Jared & Nelson, Joe	  

Click “Main” Button





AssetWise

Inspections

Main

Collector


Maintenance

Manager

Administration

Help

Type Asset Name Here...



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 the AssetWise Inspections web application interface. The browser tabs at the top are '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 Inspections' logo and navigation tabs for 'Main', 'Collector', and 'Maintenance'. A 'Saved Filters' dropdown is visible on the left. The main content area displays a table with columns 'FHWA Number' and 'Bridge'. The 'Main' dropdown menu is open, listing options: 'Main Page', 'Main Dashboard', 'My Account', 'My Preferences' (highlighted with a red arrow), 'My Working Set', 'API Key Management', 'Change Password', 'Logout', and 'My Email Alerts'. The table data includes FHWA numbers like 608280, 608285, 607955, 607945, and 607950, and bridge identifiers like 562, 561, and 5619.4L218.

FHWA Number	Bridge
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 shows the 'Defaults | AssetWise Inspections' configuration window. The 'Enter/Modify Value' section contains the following information:

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

The 'Value:' field is a dropdown menu with the following options:

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


Buttons for 'Save' and 'Close' are visible at the bottom of the dropdown menu.

Home Page Examples - Filters

AssetWise Inspections Main Collector Maintenance Manager Administration Help									
Type Asset Name Here...									
Report Filter: In Progress State									
Load Filter Manage									
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									
Type Asset Name Here...									
Maintenance Filter: District 6 Open Maint Rec									
Create New Maintenance Load Filter Manage									
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

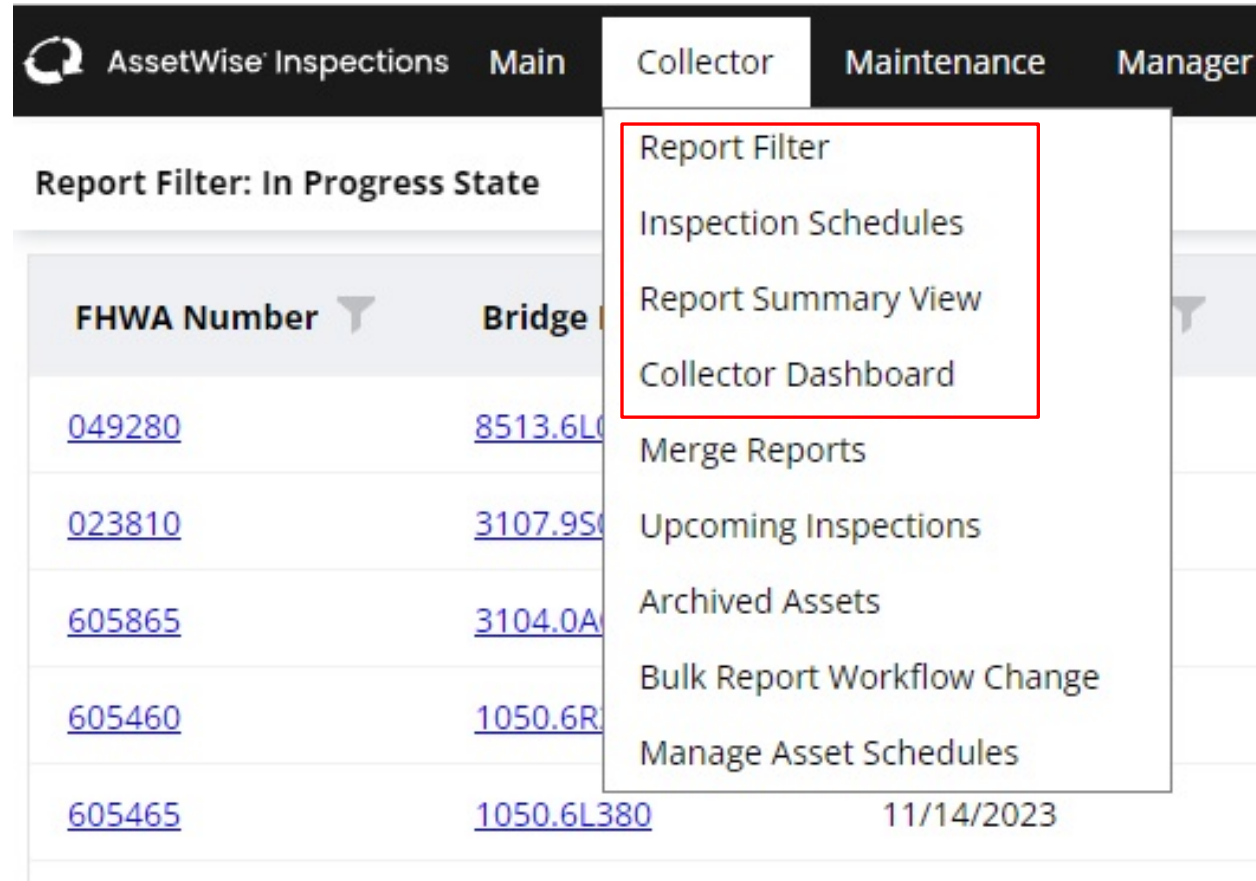
 AssetWise Inspections **Main** Collector Maintenance Manager Administration Help

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 application. The menu is open, displaying a list of options. A red rectangle 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	8513.6L
023810	3107.9S
605865	3104.0A
605460	1050.6R
605465	1050.6L380

11/14/2023

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

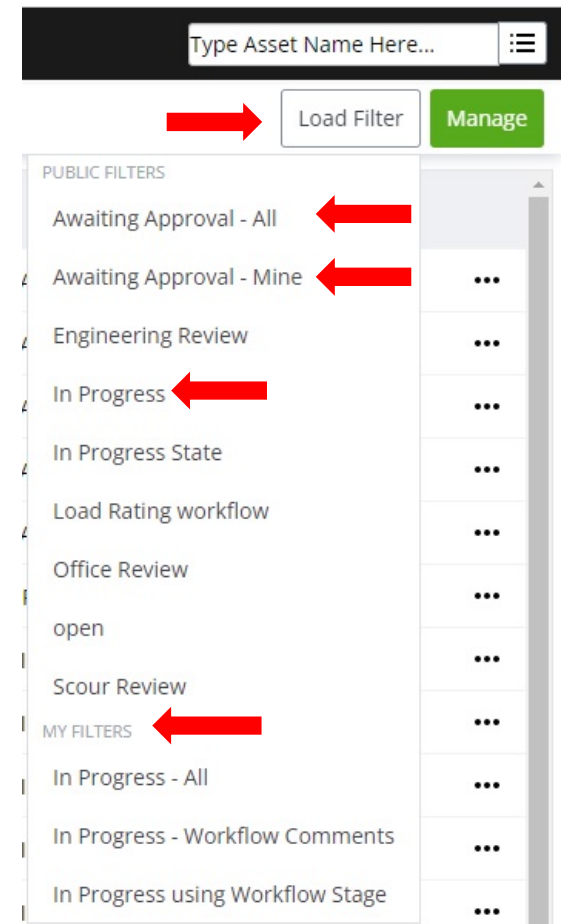
Workflow Filters

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

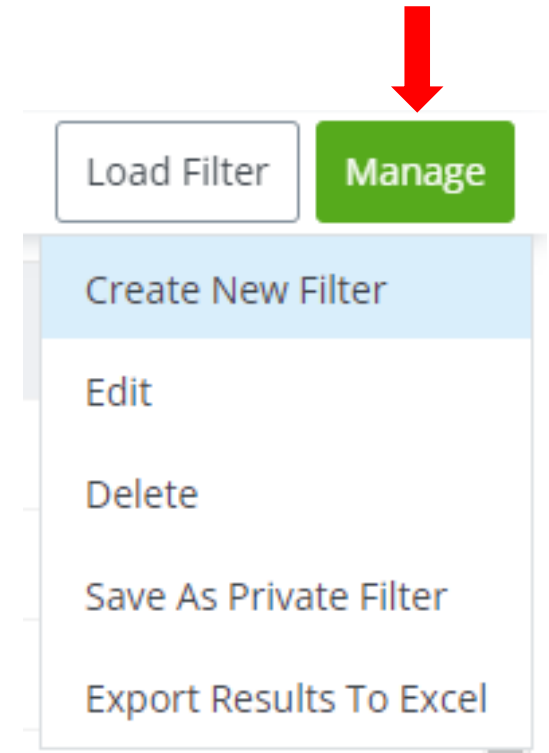
Create New Filter

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 | x |

+ Add Filter Criteria

Displayed on:

Sorted by:

Display Columns

All Display Columns

Selected Columns

Sort
Columns

Sort by

asc
desc

Approved by ☐

Approved Date ☐

Asset Parent ☐

Save

Clear

View Edit Assets/Reports

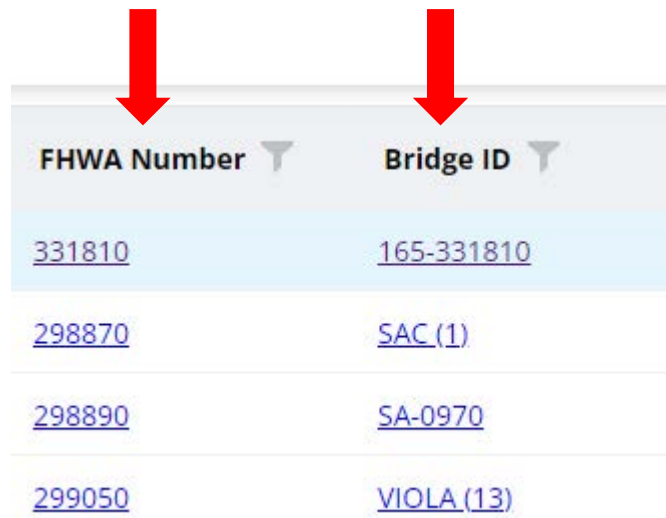
View Assets – Shows the most recent information from the most recent approved Report

Open Report – Shows the information recorded during inspection

How to View Assets

CLICK EITHER LINK FROM THE REPORT FILTER :

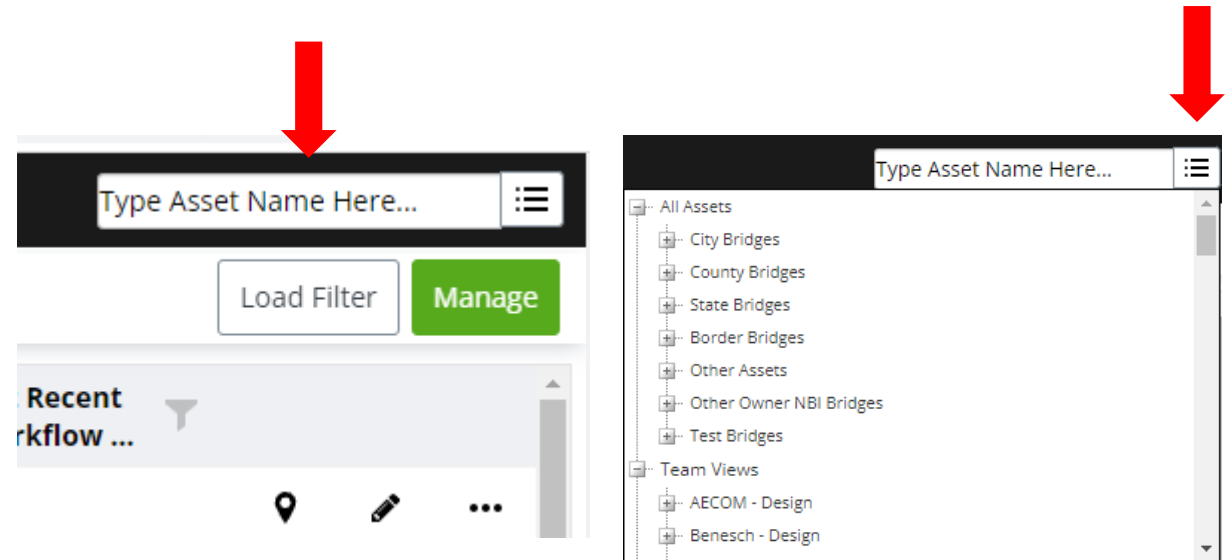
- BRIDGE ID
- FHWA NO.



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

SEARCH FOR ASSET USING THE SEARCH TREE

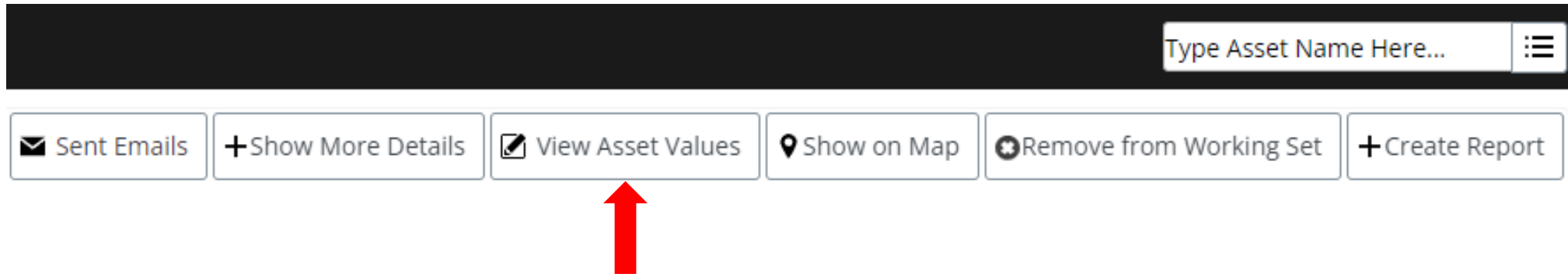
- TYPE THE FHWA OR BRIDGE ID NO.
- USE THE LAYERED ICON TO SEARCH ASSET LOCATION AND NUMBER



The search interface consists of a search bar at the top with the placeholder text "Type Asset Name Here...". Below the search bar are two buttons: "Load Filter" and "Manage". To the right of the search bar is a layered icon (three horizontal lines). Below the search bar is a "Recent workflow ..." section with a filter icon and a list of recent workflows. To the right of the search bar is a search tree with a scrollable list of asset categories and sub-categories. The search tree is organized as follows:

- 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



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

City:

3 County Code:

8 Structure No.:

5 Inventory Route:

(A,B,C,D,E)

2 State District No.:

6 Features Intersected:

7 Facility Carried:

9 Location: Max. 25 Chars

Inspections

90 Inspection Date: Next Routine Inspection Type: (State Only)

91 Insp Frequency: months Next Inspection Date:

92 CRITICAL FEATURE INSPECTION

	Y/N	FREQ	93 CFI Date	Comments
A Fracture Critical Detail	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B Underwater Inspection	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C Other Special Inspection	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Inspection Agency:

Inspection Group/Consultant:

Forms

Field Data

- Inspection Info
- Bridge Descriptions
- Deck
- Superstructure
- Substructure
- Piers
- Channel
- Channel Bed Measurements
- SIA**
- Underrecords
- SIA - Updated
- Under Water Inspection

Report Info

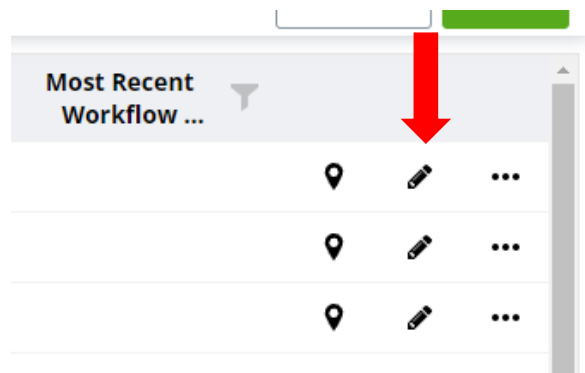
- NBI Error Check
- NBI Calcs

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:

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="11/09/2023"/>	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="24"/> months	Next Inspection Date <input type="text"/>	
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"/>			
2 State District No.	<input type="text" value="6"/>	<input type="text" value="G"/>	<input type="text" value="7"/>					
6 Features Intersected	<input type="text" value="1.80"/>							

	Y/N	FREQ	93 CFI Date
A Fracture Critical Detail	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>
B Underwater Inspection	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>
C Other Special Inspection	<input type="text" value="N"/>	<input type="text"/>	<input type="text"/>

5200.0R380

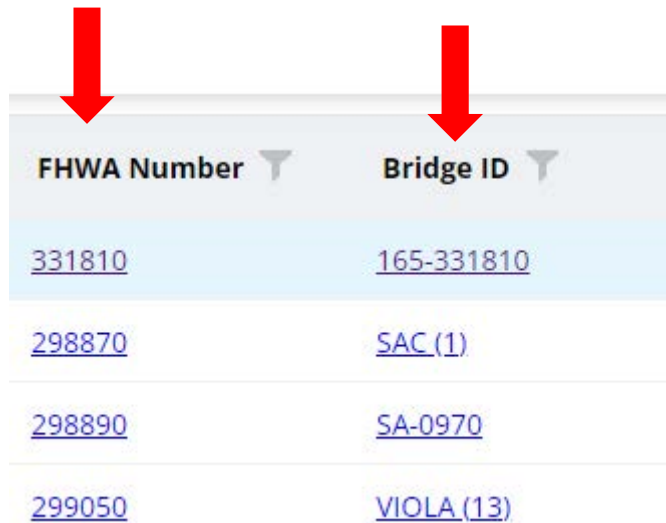
Forms

- 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 :

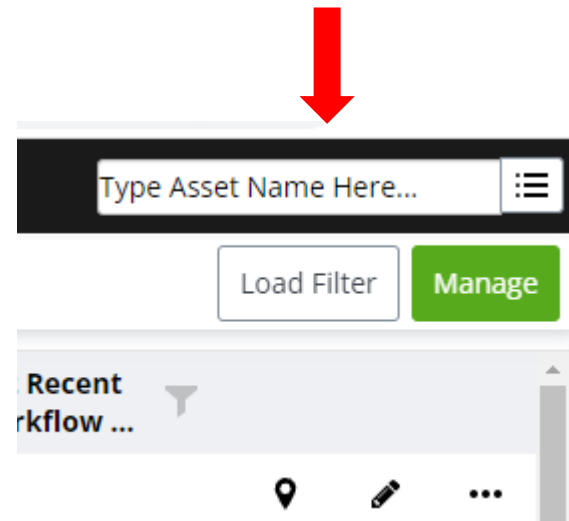
- BRIDGE ID
- FHWA NO.



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

SEARCH FOR ASSET USING THE SEARCH TREE

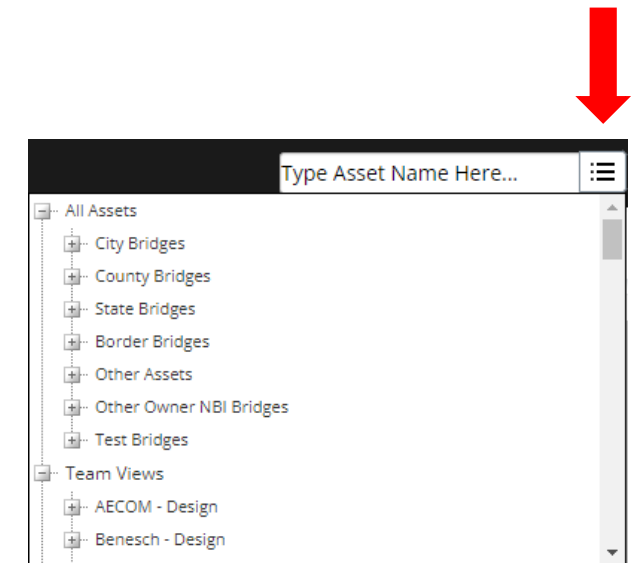
- TYPE THE FHWA OR BRIDGE ID NO.
- USE THE LAYERED ICON TO SEARCH ASSET LOCATION AND NUMBER



Type Asset Name Here...

Load Filter Manage

Recent
rkflow ...

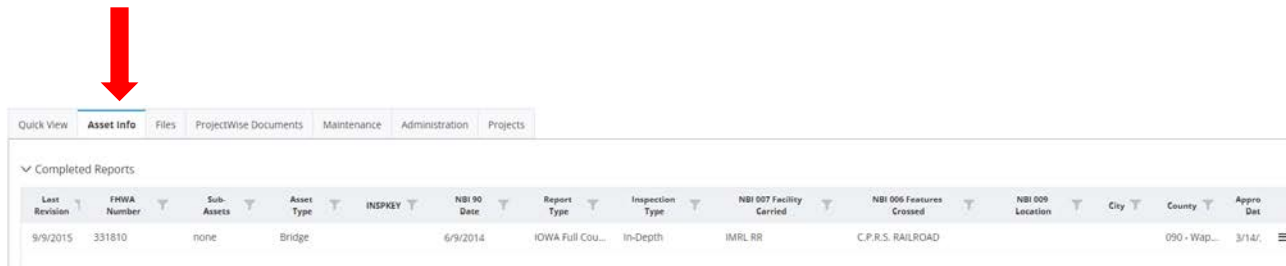


Type Asset Name Here...

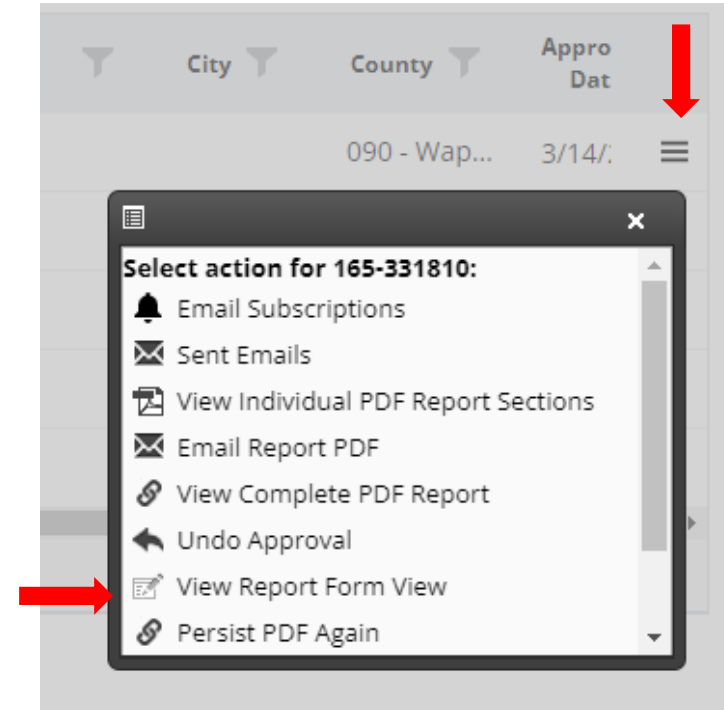
- All Assets
 - City Bridges
 - County Bridges
 - State Bridges
 - Border Bridges
 - Other Assets
 - Other Owner NBI Bridges
 - Test Bridges
- Team Views
 - AECOM - Design
 - Benesch - Design

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:

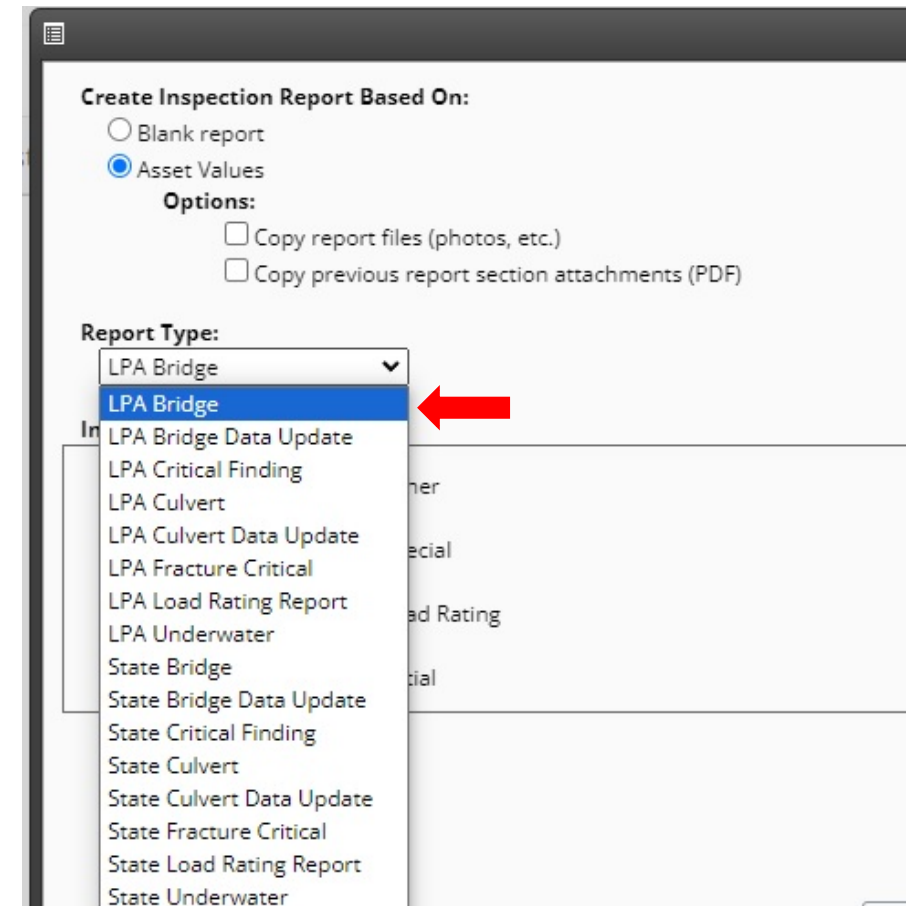
How to Create New Reports

- 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 'Create Inspection Report' dialog box. It has a title bar with a close button. The main content area is divided into sections. The first section, 'Create Inspection Report Based On:', has two radio buttons: 'Blank report' and 'Asset Values', with 'Asset Values' selected. A red arrow points to this section. Below it is an 'Options:' section with two checkboxes: 'Copy report files (photos, etc.)' and 'Copy previous report section attachments (PDF)', both of which are unchecked. A red arrow points to this section. The next section is 'Report Type:', which contains a dropdown menu currently showing 'LPA Bridge'. A red arrow points to this dropdown. Below that is an 'Inspection Type:' section with a grid of checkboxes: 'Routine' (checked), 'Other' (unchecked), 'In-Depth' (unchecked), 'Special' (unchecked), 'Fracture Critical' (unchecked), 'Load Rating' (unchecked), 'Underwater' (unchecked), and 'Initial' (unchecked). At the bottom right of the dialog are 'Create' and 'Cancel' buttons.

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 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

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

Inspection Type:

<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Other
<input type="checkbox"/> In-Depth	<input type="checkbox"/> Special
<input type="checkbox"/> Fracture Critical	<input type="checkbox"/> Load Rating
<input type="checkbox"/> Underwater	<input type="checkbox"/> Initial

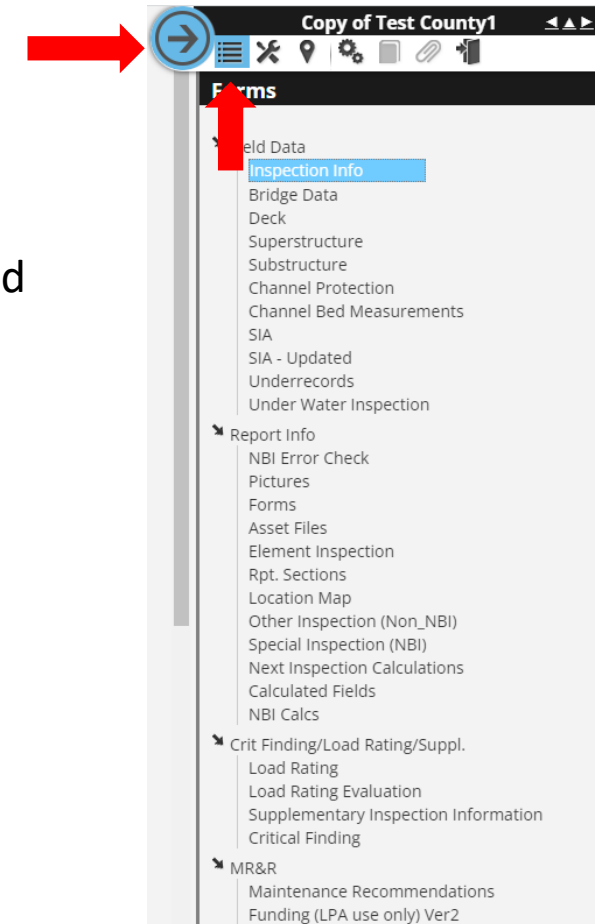
Create Cancel

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

The screenshot shows a software interface with a title bar 'Copy of Test County1'. Below the title bar is a toolbar with icons for navigation and editing. A 'Forms' menu is open, displaying a list of forms. The 'Field Data' section is expanded, and 'Inspection Info' is highlighted with a red box. Other forms listed include Bridge Data, Deck, Superstructure, Substructure, Channel Protection, Channel Bed Measurements, SIA, SIA - Updated, Underrecords, and Under Water Inspection. Below 'Field Data' are sections for 'Report Info' (including NBI Error Check, Pictures, Forms, Asset Files, Element Inspection, Rpt. Sections, Location Map, Other Inspection (Non_NBI), Special Inspection (NBI), Next Inspection Calculations, Calculated Fields, and NBI Calcs), 'Crit Finding/Load Rating/Suppl.' (including Load Rating, Load Rating Evaluation, Supplementary Inspection Information, and Critical Finding), and 'MR&R' (including Maintenance Recommendations and Funding (LPA use only) Ver2).

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

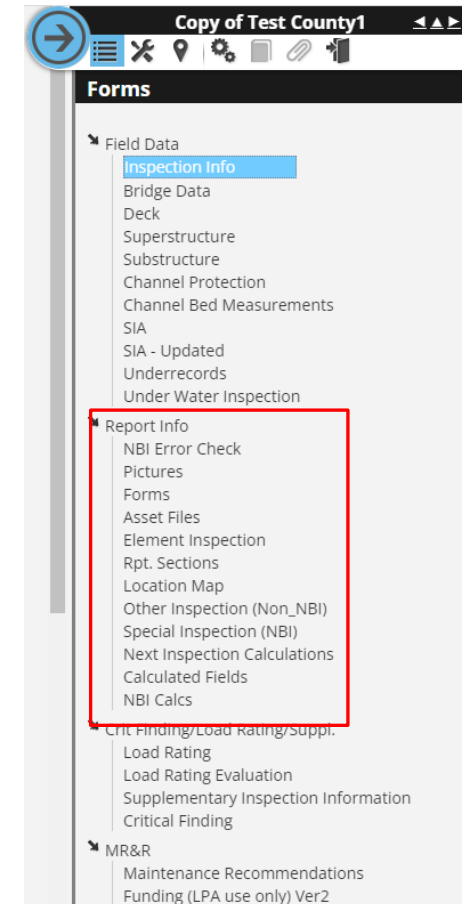
Other Inspection (Non-NBI) – Non-scheduled inspection

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

Copy of Test County1

Forms

- Field Data
 - Inspection Info
 - Bridge Data
 - Deck
 - Superstructure
 - Substructure
 - Channel Protection
 - Channel Bed Measurements
 - SIA
 - SIA - Updated
 - Underrecords
 - Under Water Inspection
- Report Info
 - NBI Error Check
 - Pictures
 - Forms
 - Asset Files
 - Element Inspection
 - Rpt. Sections
 - Location Map
 - Other Inspection (Non_NBI)
 - Special Inspection (NBI)
 - Next Inspection Calculations
 - Calculated Fields
 - NBI Calcs
- Crit Finding/Load Rating/Suppl.
 - Load Rating
 - Load Rating Evaluation
 - Supplementary Inspection Information
 - Critical Finding
- MR&R
 - Maintenance Recommendations
 - Funding (LPA use only) Ver2

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)

The screenshot shows a software interface titled "Copy of Test County1". On the left, there is a sidebar menu under the heading "Forms". The menu is organized into several expandable sections:

- Field Data**
 - Inspection Info (highlighted with a blue bar)
 - Bridge Data
 - Deck
 - Superstructure
 - Substructure
 - Channel Protection
 - Channel Bed Measurements
 - SIA
 - SIA - Updated
 - Underrecords
 - Under Water Inspection
- Report Info**
 - NBI Error Check
 - Pictures
 - Forms
 - Asset Files
 - Element Inspection
 - Rpt. Sections
 - Location Map
 - Other Inspection (Non_NBI)
 - Special Inspection (NBI)
 - Next Inspection Calculations
 - Calculated Fields
 - NBI Calcs
- Crit Finding/Load Rating/Suppl.**
 - Load Rating
 - Load Rating Evaluation
 - Supplementary Inspection Information
 - Critical Finding
- MR&R** (highlighted with a red box)
 - Maintenance Recommendations
 - Funding (LPA use only) Ver2

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 shows the 'Active Report – Report Sections' 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'. Below these buttons 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 'Remove Section' icon (trash can), an 'Order' number, a 'Section Name' field, a 'View' link, and checkboxes for 'Print', 'Include in Table of Contents', 'Insert Cover Page Before Section', and 'Show Page Number'. Red arrows point to the 'Print' checkboxes for each section, and two red arrows point to the 'Remove Section' icons for the 'Table of Contents' and 'Deck' sections.

Remove Section	Order	Section Name	View	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 shows the 'Active Report – Report Sections' interface. At the top, there is a 'Group:' dropdown menu 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 the 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 of the table.

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

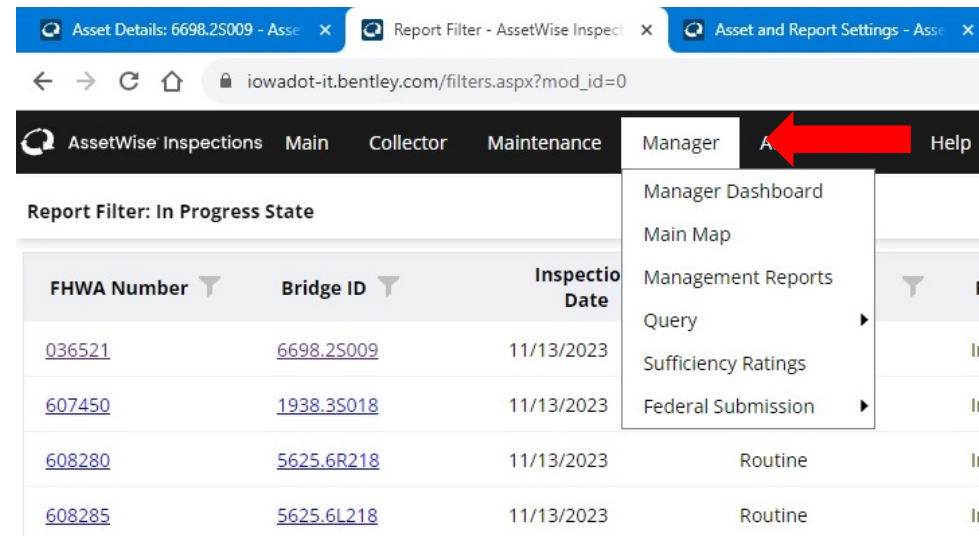
- Ways to find a Map
- Map Features

Ways to find a Map

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

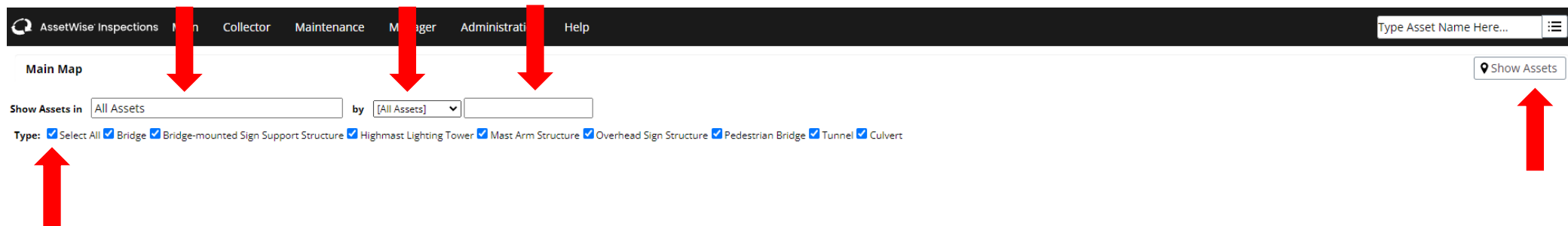
Manager Dropdown

- 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 'Manager' dropdown menu in the AssetWise Inspections application. The menu is open, showing options: Manager Dashboard, Main Map, Management Reports, Query, Sufficiency Ratings, and Federal Submission. A red arrow points to the 'Manager' button in the top navigation bar.

FHWA Number	Bridge ID	Inspection Date
036521	6698.2S009	11/13/2023
607450	1938.3S018	11/13/2023
608280	5625.6R218	11/13/2023
608285	5625.6L218	11/13/2023



The screenshot shows the 'Main Map' interface in the AssetWise Inspections application. The 'Manager' button in the top navigation bar is highlighted with a red arrow. Below the navigation bar, the 'Show Assets in' dropdown is set to 'All Assets', and the 'by' dropdown is set to '[All Assets]'. The 'Type' section shows checkboxes for various asset types, all of which are checked. A red arrow points to the 'Show Assets' button in the top right corner.

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Type Asset Name Here...

Main Map

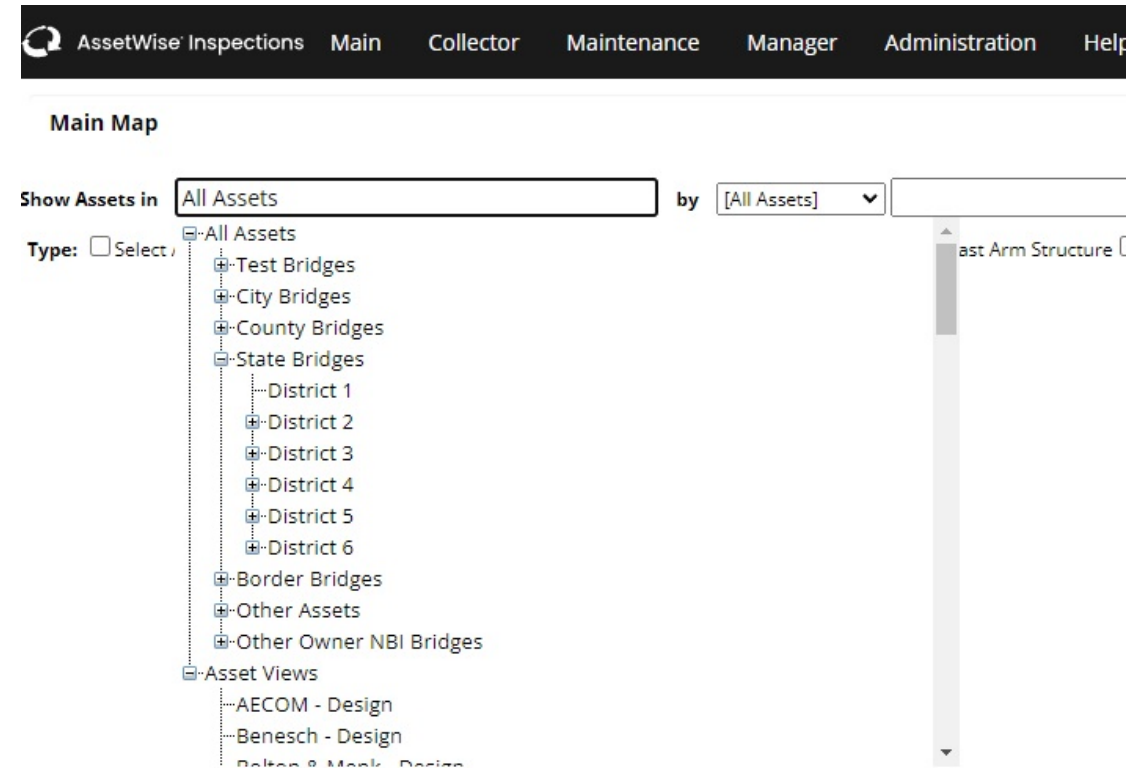
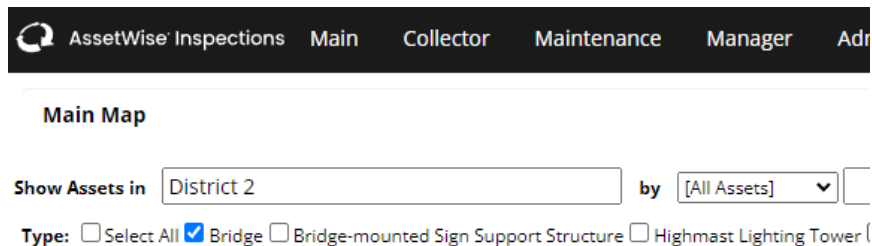
Show Assets in All Assets by [All Assets]

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

Show Assets

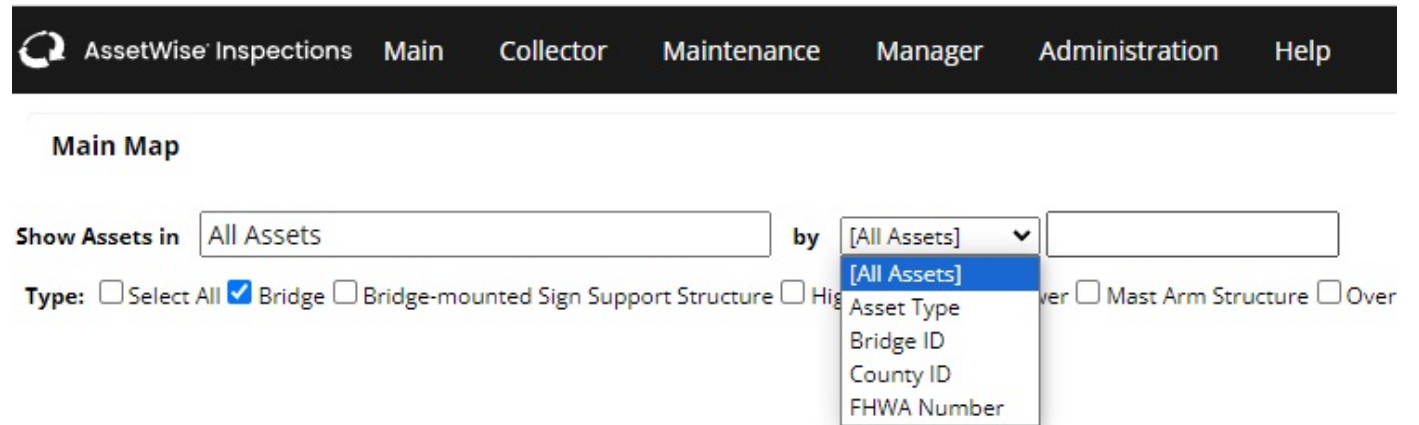
Search by Location

- 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

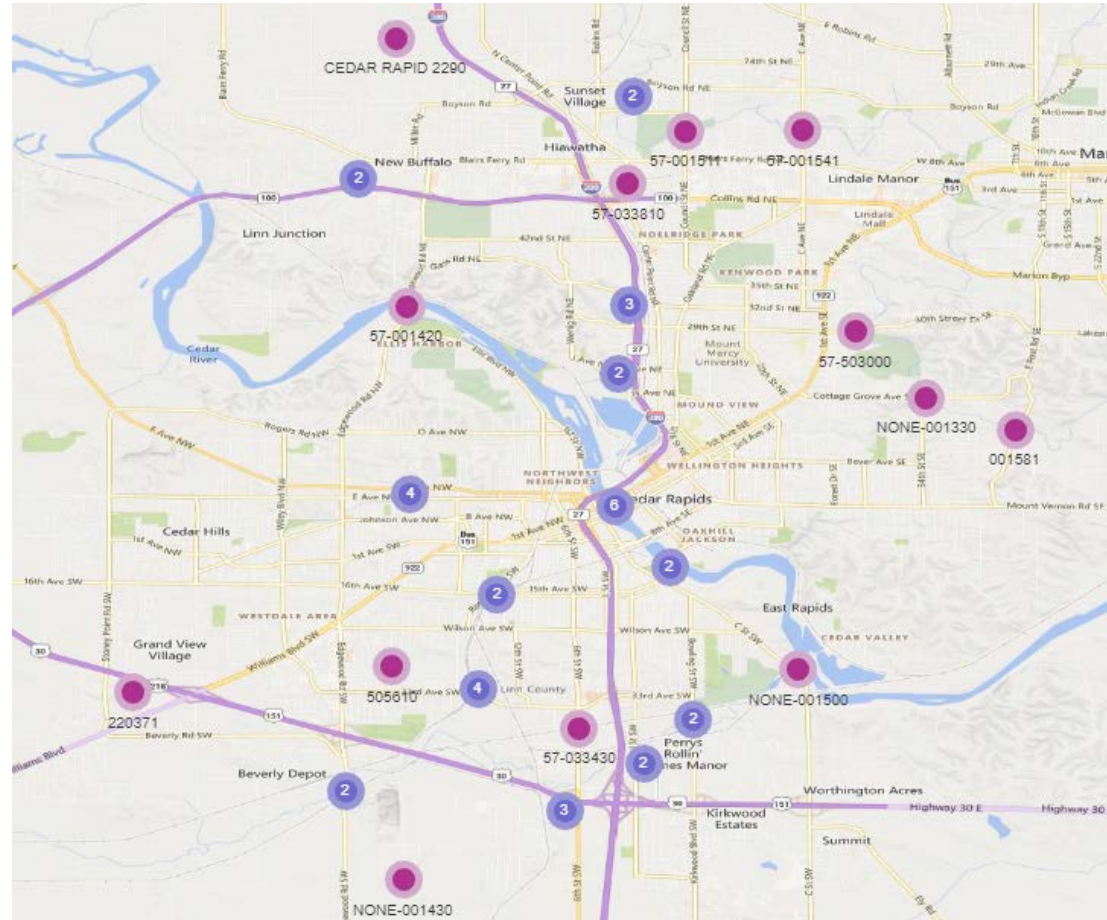
- Select Asset Group Dropdown
- Type Asset Number/Name
 - Asset Type – Not used
 - Bridge ID – County specific ID
 - County ID – 3-digit county identifier (all have a leading “0’s”
 - FHWA – Federal Number
- Click Show Asset(s)



The screenshot displays the 'AssetWise Inspections' web application. At the top is a navigation bar with links: AssetWise Inspections, Main, Collector, Maintenance, Manager, Administration, and Help. Below this is a section titled 'Main Map'. Under 'Main Map', there are search filters. The 'Show Assets in' dropdown is set to 'All Assets'. To its right is a 'by' dropdown menu, which is currently open, showing options: '[All Assets]', 'Asset Type', 'Bridge ID', 'County ID', and 'FHWA Number'. Below these are checkboxes for asset types: 'Type: ☐ Select All ☒ Bridge ☐ Bridge-mounted Sign Support Structure ☐ High Mast Arm Structure ☐ Mast Arm Structure ☐ Overpass'. The 'Bridge' checkbox is selected.

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

Type Asset Name Here...

Report Filter: In Progress State

Load Filter

Manage

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...	<div><div></div><div></div><div></div></div>
607450	1938.35018	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 2	In progress	Hawker, David & OCo...	<div><div></div><div></div><div></div></div>
608280	5625.6R218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Grei...	<div><div></div><div></div><div></div></div>
608285	5625.6L218	11/13/2023	Routine	In Progress	11/13/2023	State Bridges - District 5	In progress	Jones, Dewight & Grei...	<div><div></div><div></div><div></div></div>

AssetWise Inspections

Main

Collector

Maintenance

Manager

Administration

Help

Type Asset Name Here...

Main Map

Geometry: Point

+

+

+

Road

Aerial

6698.25009

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: 2018

NBI 037 Historical Significance: 5 - Not eligible

NBI 043 Main Structure Type: 119

NBI 041 Open, Posted Or Closed: A - Open

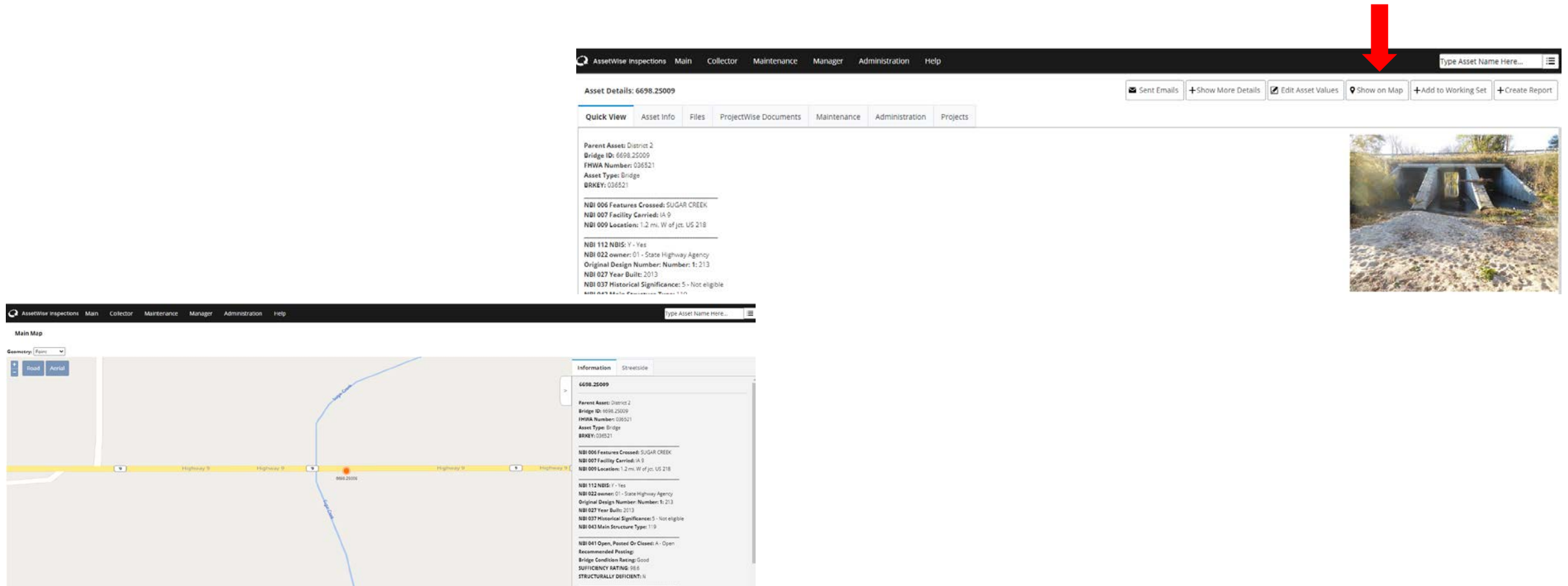
Recommended Posting

Bridge Condition Rating: Good

SUFFICIENCY RATINGS: 98.6

STRUCTURALLY DEFICIENT: N

Asset View – Show on Map



The screenshot displays the AssetView interface for asset 6698.25009. A red arrow points to the 'Show on Map' button in the top right corner of the asset details panel. The interface is divided into two main sections: the top section for asset details and the bottom section for the map.

Asset Details Panel (Top):

- Navigation Bar:** AssetWise Inspections | Main | Collector | Maintenance | Manager | Administration | Help
- Search Bar:** Type Asset Name Here...
- Buttons:** Sent Emails, +Show More Details, Edit Asset Values, Show on Map, +Add to Working Set, +Create Report
- Asset Details:**
 - Asset Details: 6698.25009
 - Quick View | Asset Info | Files | ProjectWise Documents | Maintenance | Administration | Projects
 - Parent Asset: District 2
 - Bridge ID: 6698.25009
 - FWWA 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
- Image:** A photograph of the bridge structure, showing a concrete bridge with a single lane crossing a creek.

Main Map (Bottom):

- Map View:** The map shows the location of the bridge on a road network. The bridge is marked with a red dot and labeled 6698.25009.
- Map Controls:** Geometry (Pan), Road, Aerial, and a zoom slider.
- Information Panel:** Information | Streetside
 - 6698.25009
 - Parent Asset: District 2
 - Bridge ID: 6698.25009
 - FWWA 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: 10.0
 - STRUCTURALLY DEFICIENT: 0

Report View – Location Map

The screenshot displays the 'Report View – Location Map' interface. The main map area shows a street grid with a red pin on W Main St. The sidebar on the right lists various forms, with 'Location Map' highlighted in blue and a red arrow pointing to it. Below the main map is a smaller map and a date field.

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)

11/13/2023
[Edit](#) [Delete](#) [Description](#)

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

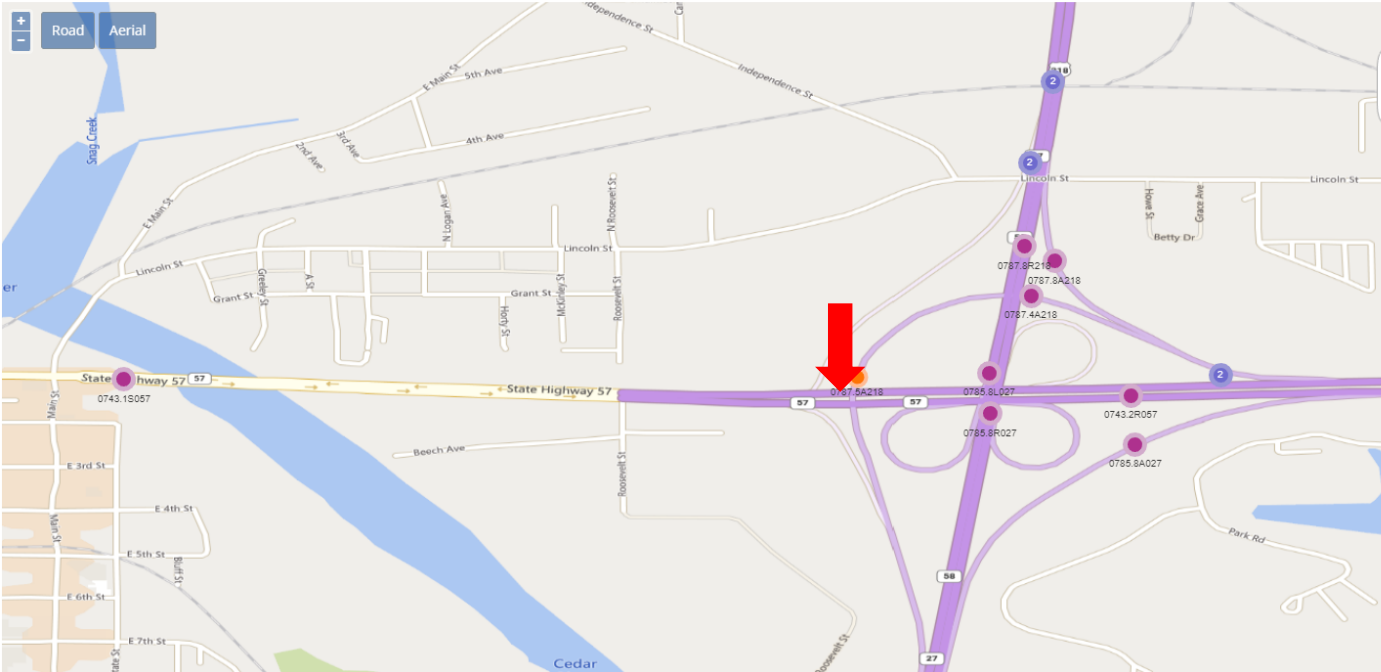
Show Assets in District 2 by [All Assets]

Count:658

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

Road

Aerial



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	
<hr/>	
Parent Asset: Cedar Rapids	
Bridge ID: 57-503000	
FHWA Number: 503000	
Asset Type: Bridge	
BRKEY:	
<hr/>	
NBI 006 Features Crossed: INDIAN CREEK	
NBI 007 Facility Carried: 29TH ST DR SE	
NBI 009 Location: 000000000	
<hr/>	
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	
<hr/>	
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

AssetWise Inspections Main Collector Maintenance Manager Administration Help

Type Asset Name Here...

Main Map

Show Assets in District 2 by [All Assets] Count: 658

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

Map controls: Road Aerial

Map features: State Highway 57, Cedar River, various streets (Lincoln St, Grant St, etc.), and asset markers (e.g., 0743.15057, 0767.8P218).

Streetside View (019571):

IA-57 W, Cedar Falls, IA 50703, United States

Map scale: 1" = 8131', 0 500 ft 1000 ft

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Questions?

SIIMS Reports/Inspection Questions
Kevin Vrchoticky P.E.
Bridge Data Management Engineer
IDOT Bridges and Structures Bureau
Ph No: 515-239-1648 Office
Email: kevin.vrchoticky@iowadot.us

General SIIMS Questions
Email: siims.support@iowadot.us

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

