AASHTOWare™ BRIDGE MANAGEMENT

BrM Inspection 101

The Un-Abridged Version

BrMUG 2025 | Providence, RI | September 17-18

AASHTOWare™ BRIDGE MANAGEMENT

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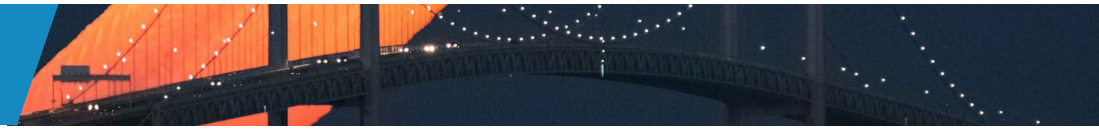
Photo by Evan Leith on Unsplash

AASHTOWare™ BRIDGE MANAGEMENT

Course Overview

Photo by Evan Leith on Unsplash

Course Overview



TODAY

Before Break (Insp 101)

- Login
- Roles & Groups
- Bridge List
- Inspection List
- Scheduling
- Inspection Plans
- Inventory
- Design
- Features

After Break (Insp 102)

- Condition & Elements
- Load Posting
- Multimedia
- Sketches
- Cross Sections

TOMORROW

Before Break (Insp 201)

- Work Candidates
- Certifications
- Inspection Assignment
- Validation
- Inspection Review
- Future Planning

After Break (Insp 202)

- Submittal
- Critical Findings
- Reports
- Dashboards
- API Calls

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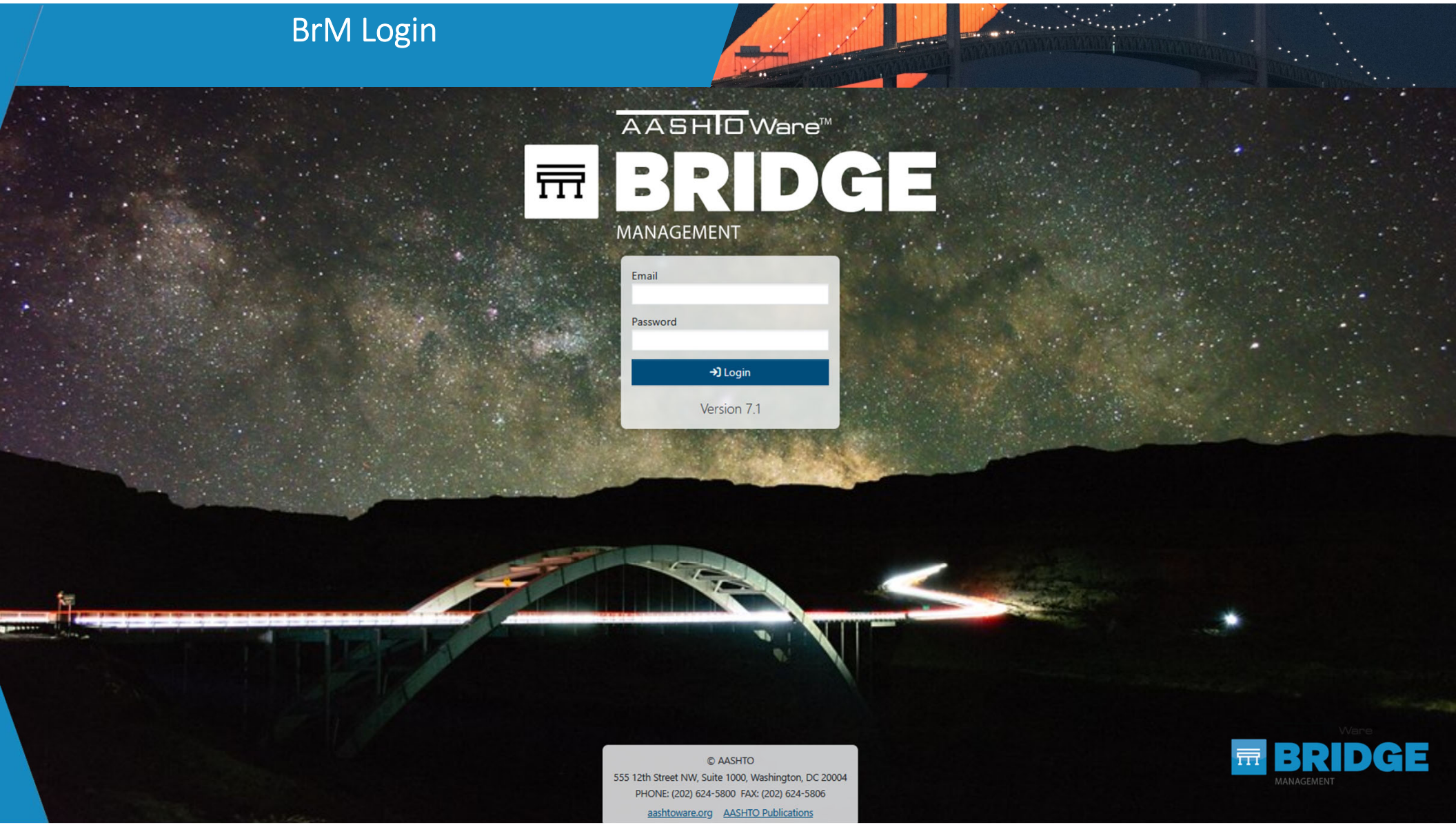
BrM Login

BrM Login


AASHTOWare™
BRIDGE
MANAGEMENT
Email
Password
Login
Version 7.1
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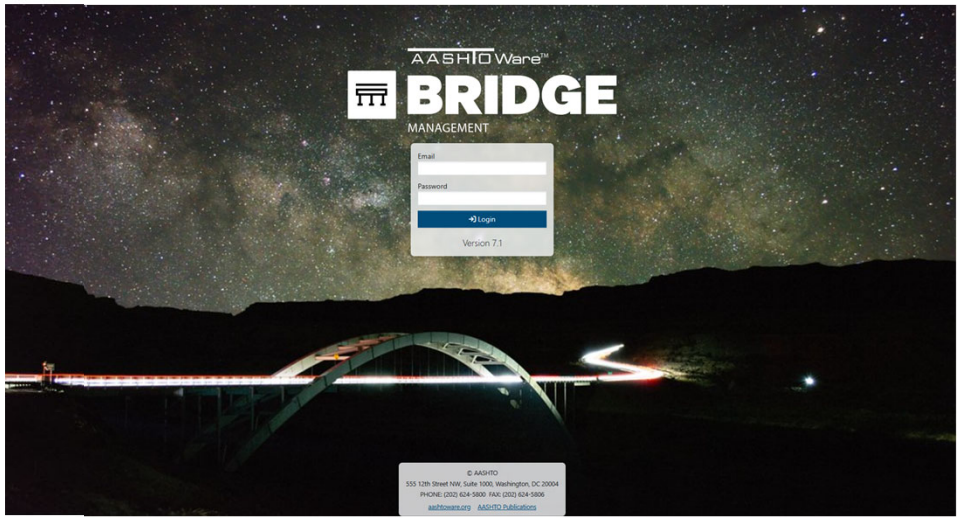
MANAGEMENT

BrM Login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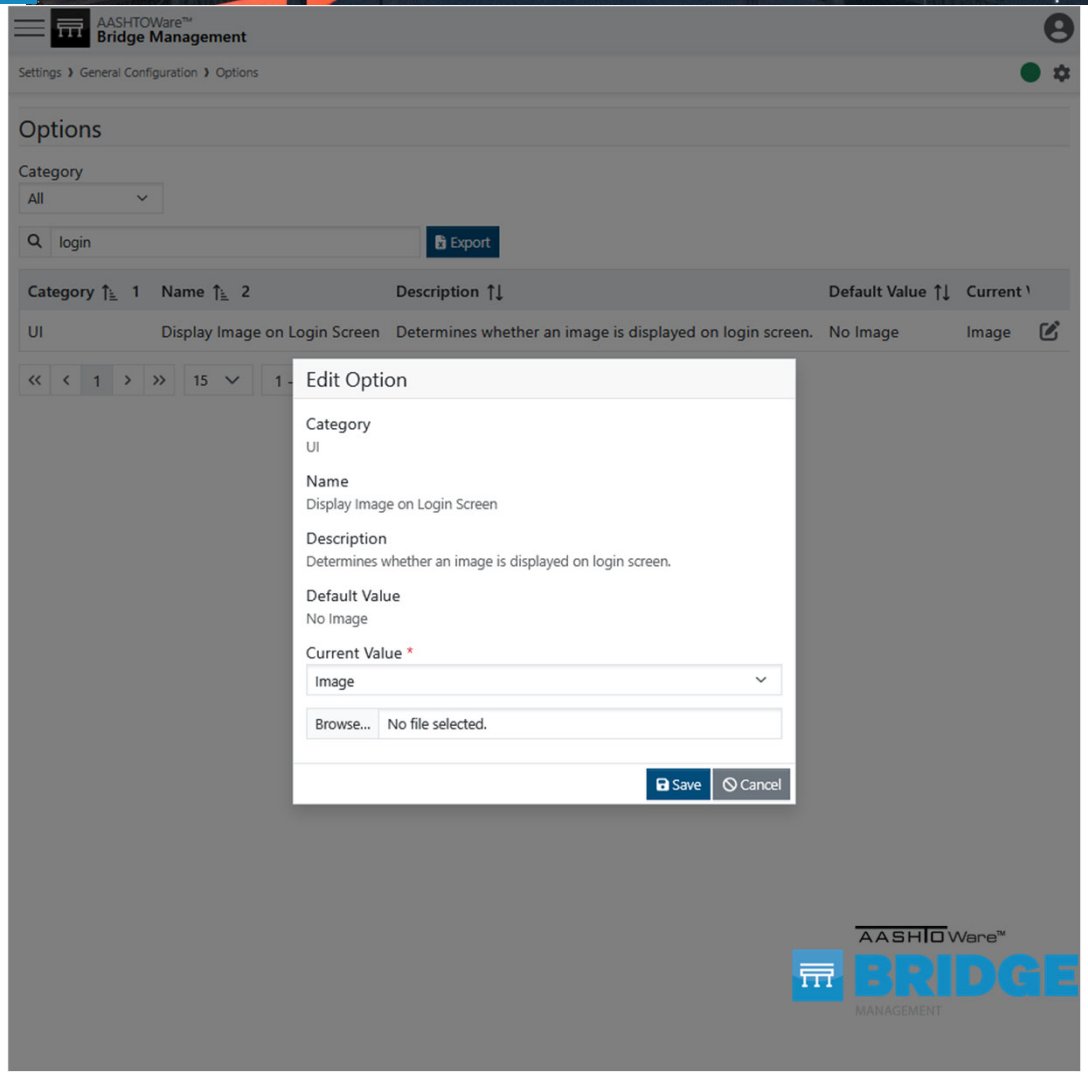
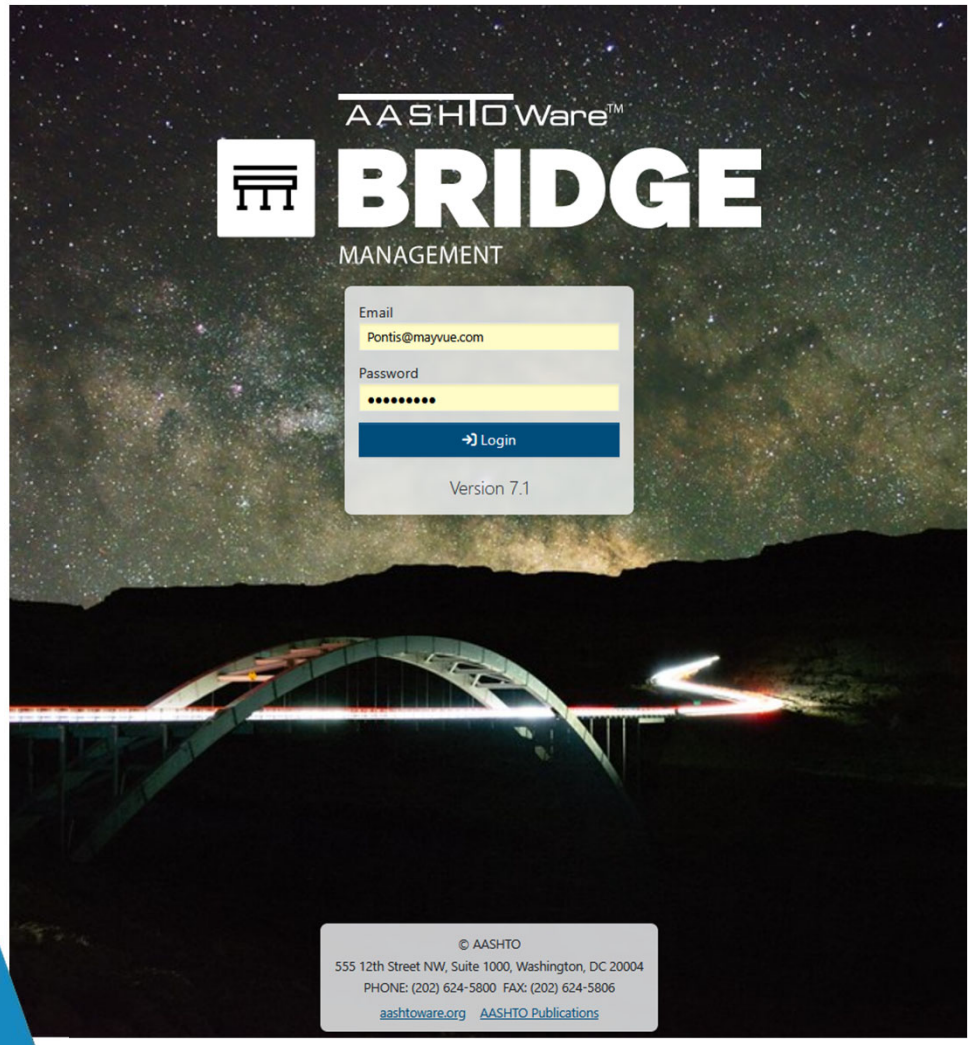
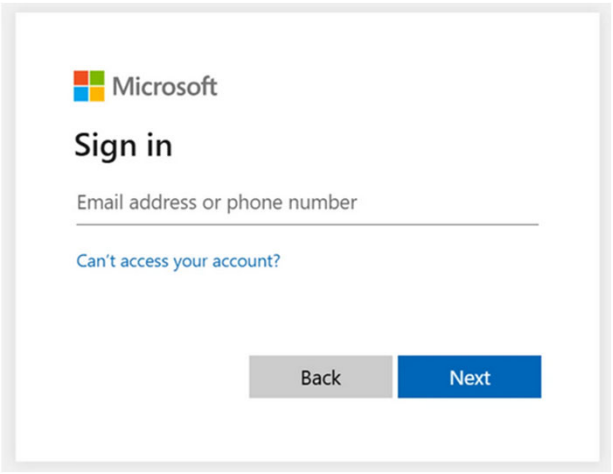

AASHTOWare
Bridge Management
Settings › General Configuration › Options
Options
Category
All
login
Export
Category 1
Name 2
Description
Default Value
Current
UI
Display Image on Login Screen
Determines whether an image is displayed on login screen.
No Image
Image
Edit Option
Category
UI
Name
Display Image on Login Screen
Description
Determines whether an image is displayed on login screen.
Default Value
No Image
Current Value *
Image
Browse...
No file selected.
Save
Cancel
AASHTOWare
BRIDGE
MANAGEMENT

BrM Login



- Now uses email for login
- Single Sign On available



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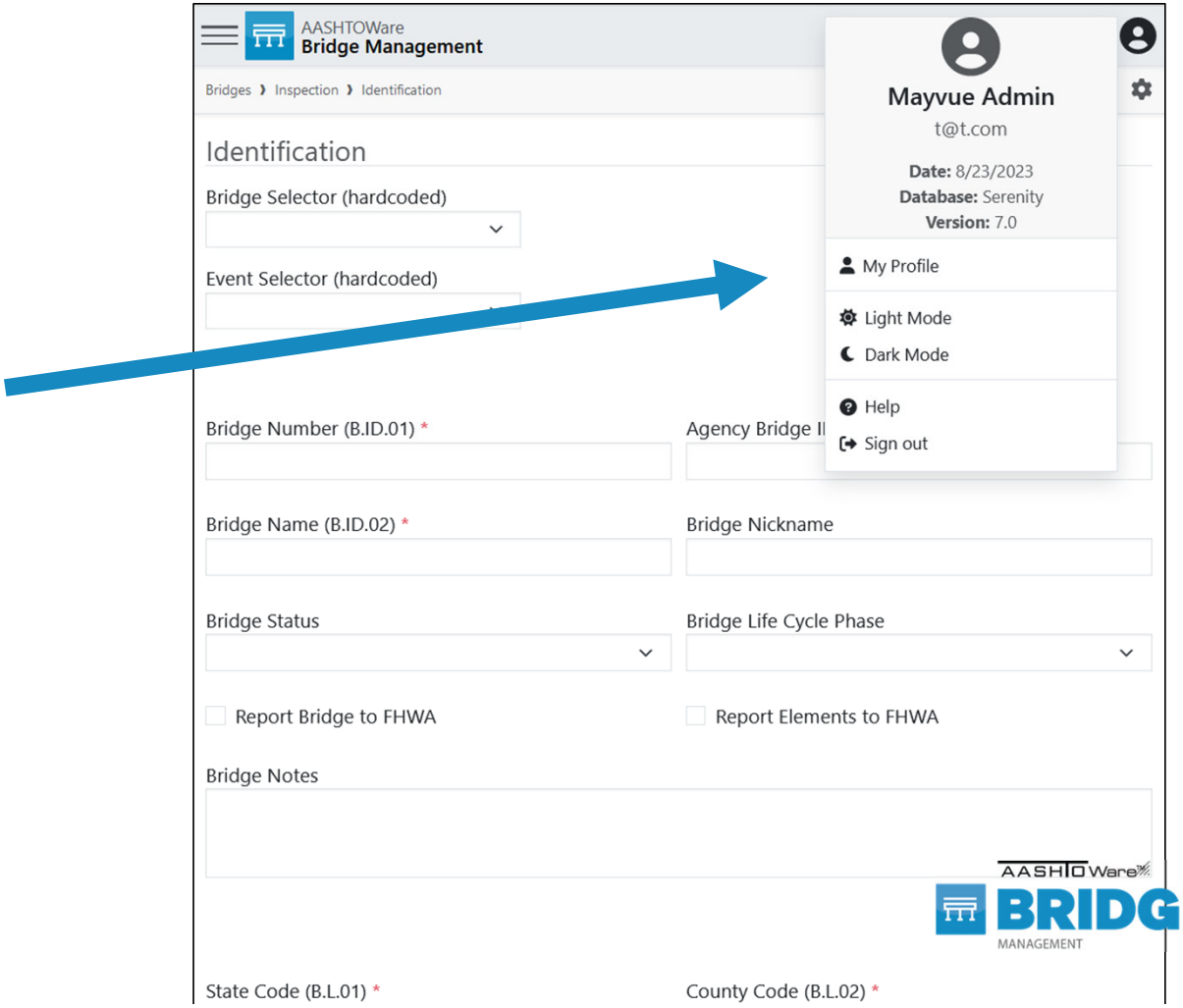
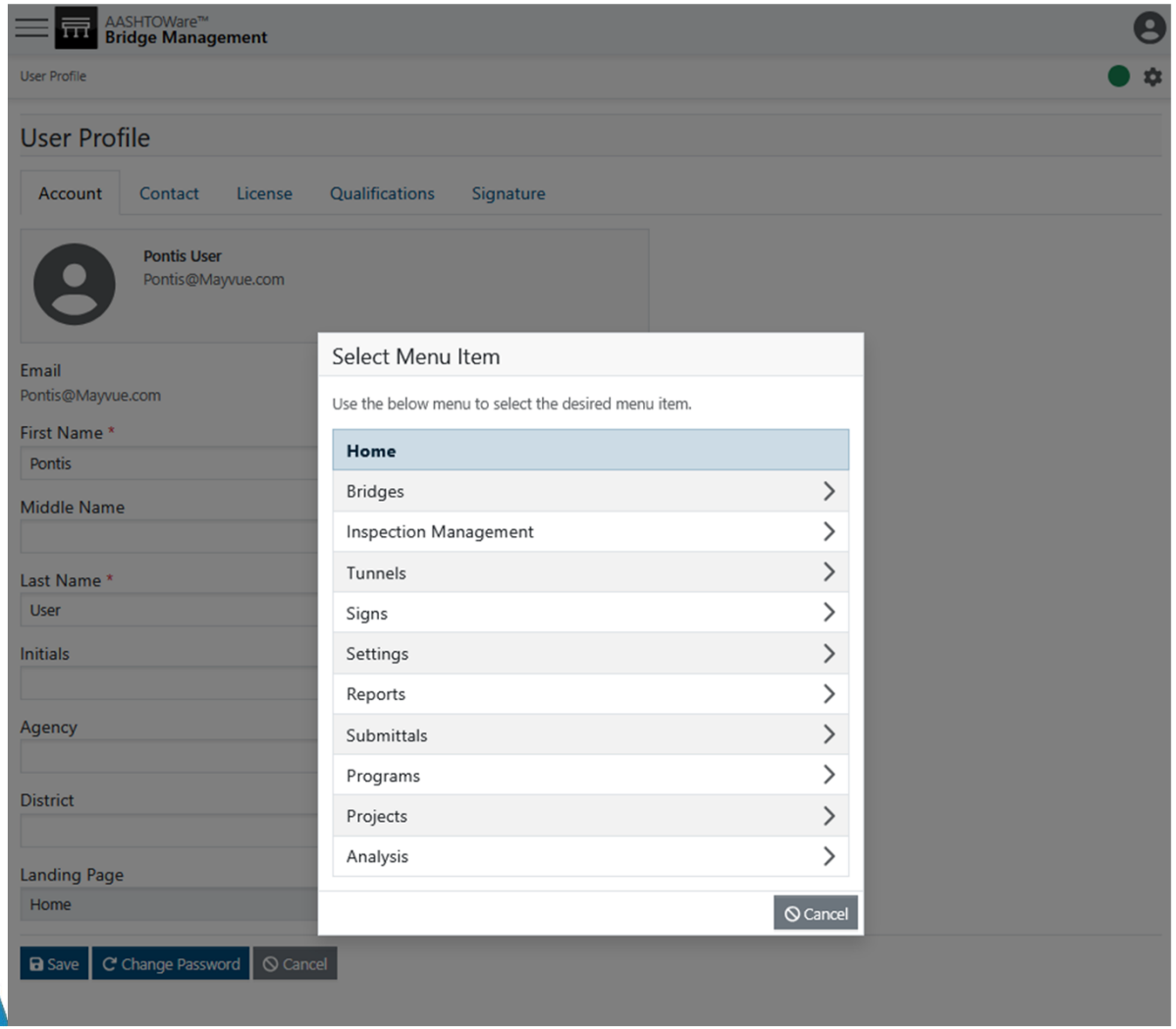
BrM Login

- Change Passwords
- Contact info
- Update Certs & Experience
- Light / Dark Mode
- EXIT



BrM Login



Example:

- Senior leaders land on condition dashboard
- Inspection Managers land on Insp Assignment
- Inspectors land on My Assignments
- Project selectors land on Program List

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Roles & Groups

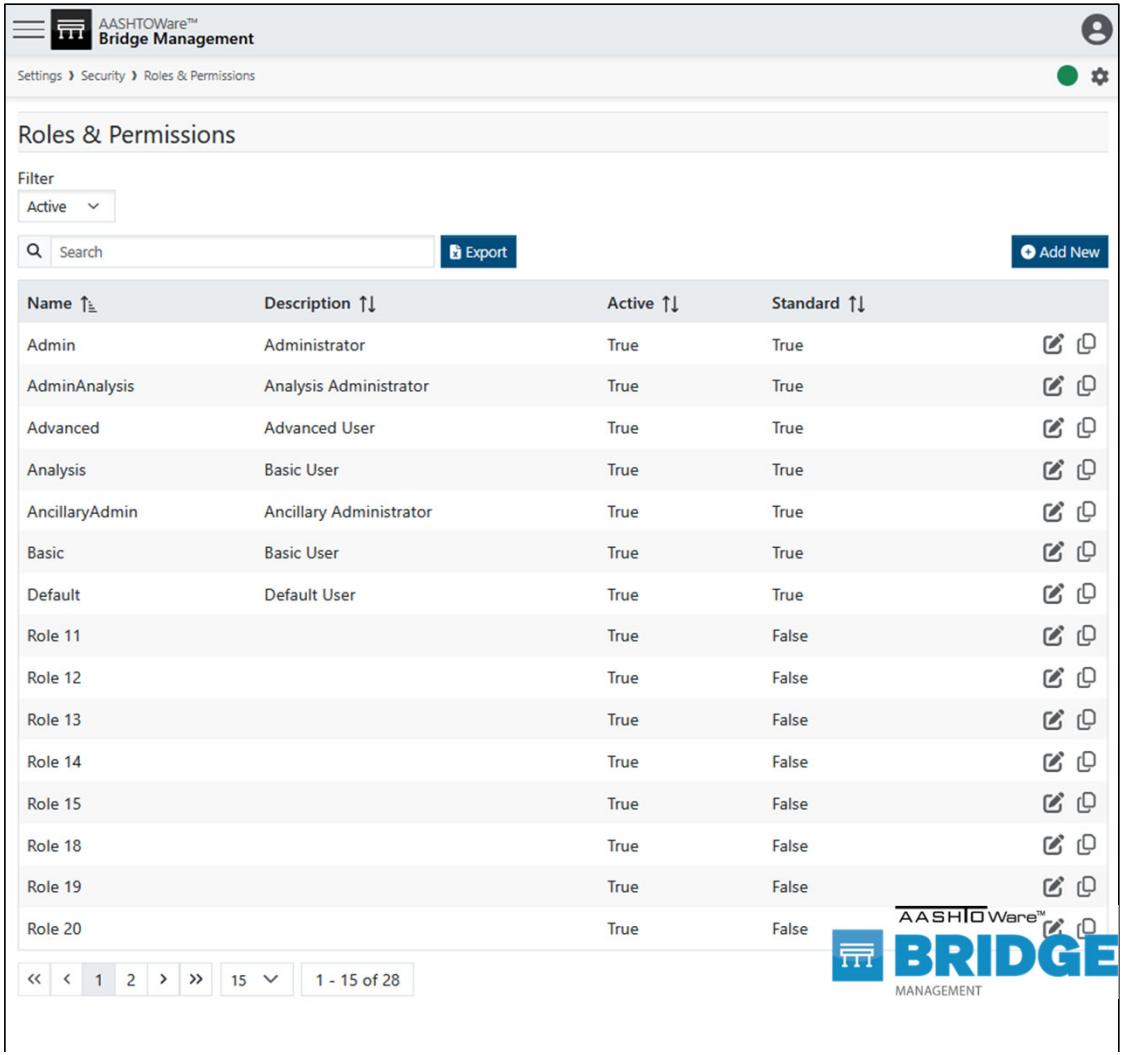
Roles & Groups

Roles

Control who can see what pages and which fields on the page.
Controls if you can save or edit.

Can you?

- Save
- Edit
- Start Inspections
- See pages
- See reports
- See hidden controls
- Delete elements / inspections / bridges



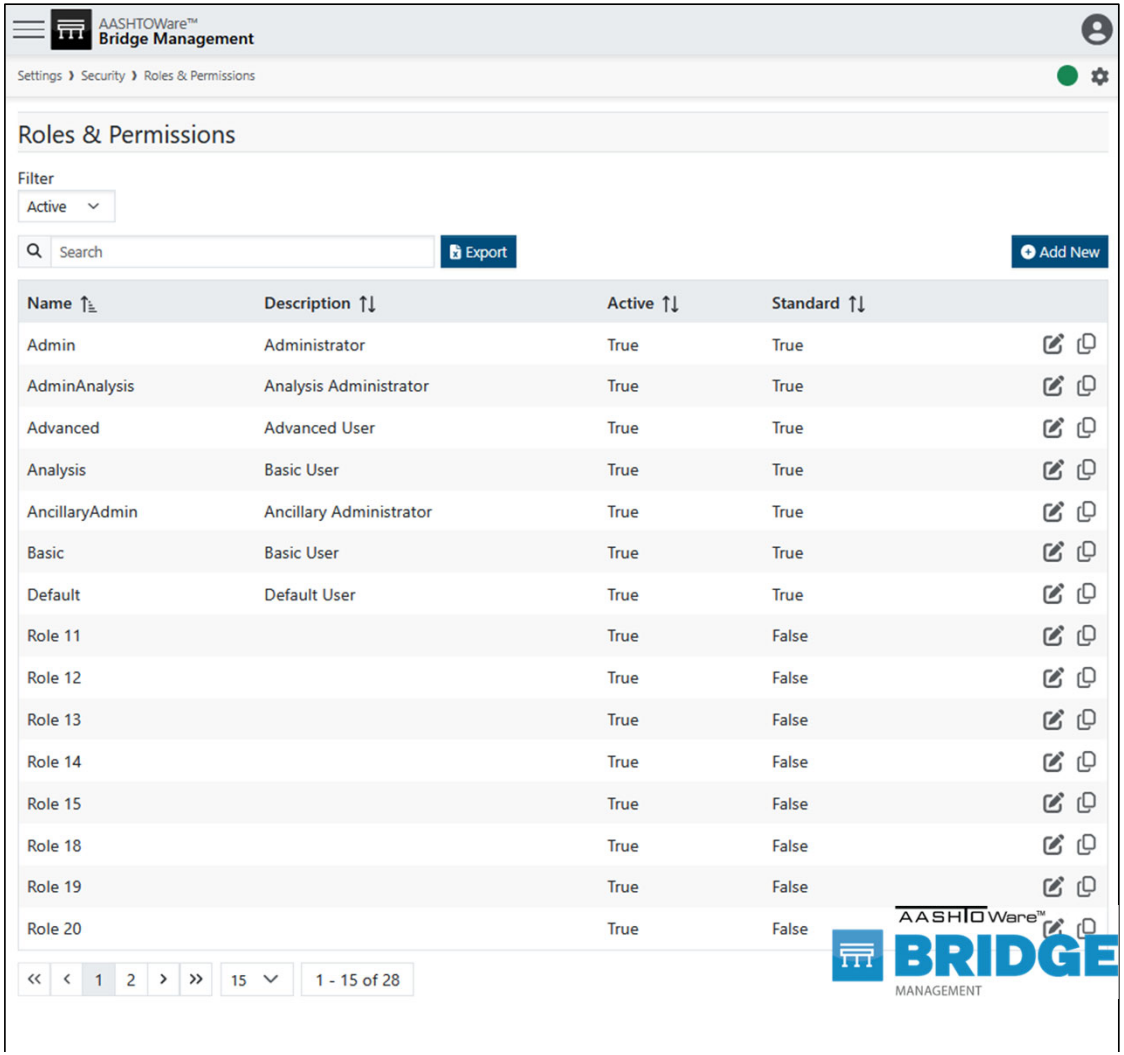
Roles & Groups

Roles

Control who can see what pages and which fields on the page. Controls if you can save or edit.

Default

- Admin – can see all pages
- Admin Analysis – can change settings and project selection
- Analysis – read inspections, use project selection.
- Default – inspector user.
- Basic – Read only user.



Roles & Groups

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Default

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- Analysis – read inspections, use project selection.
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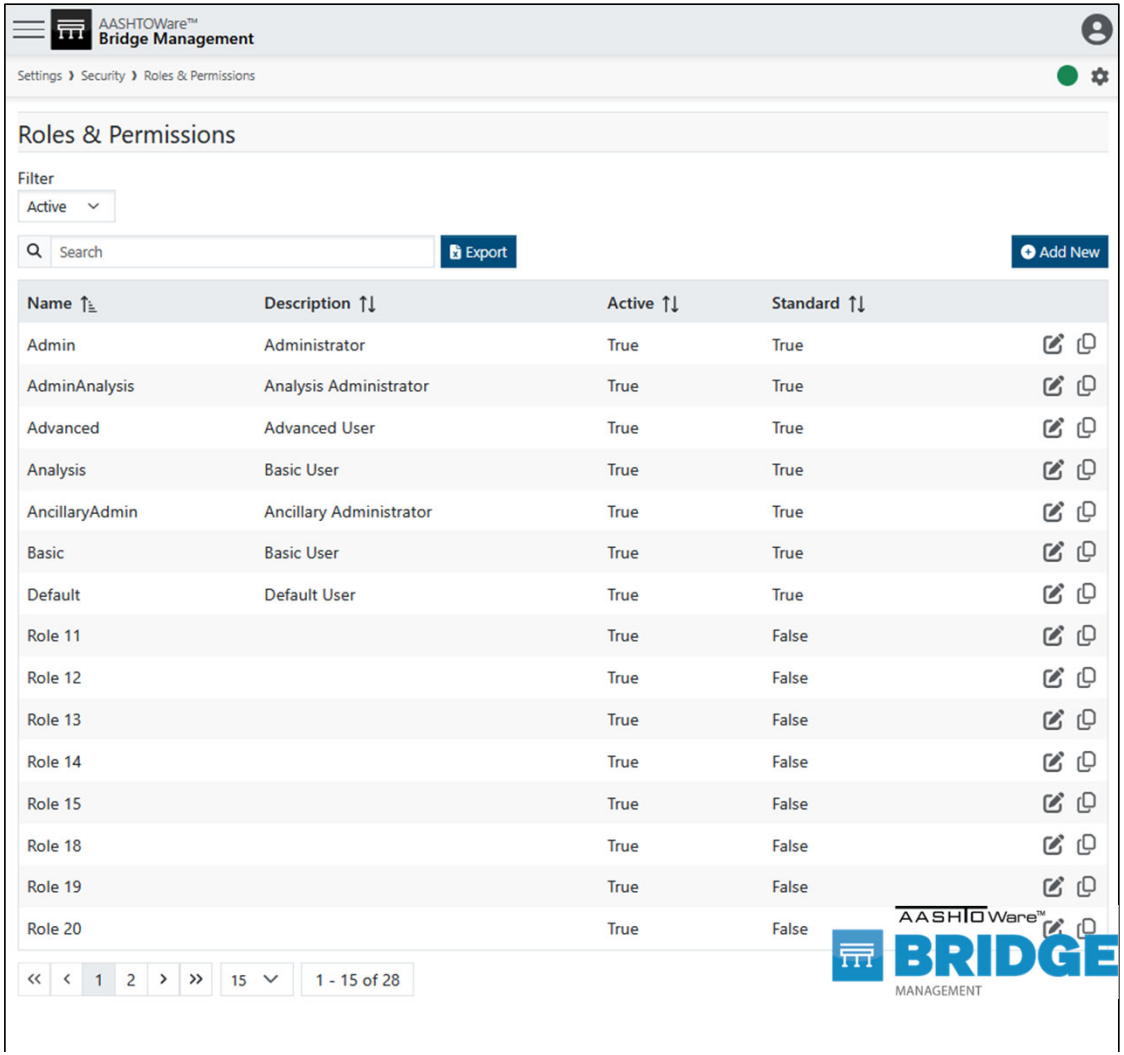
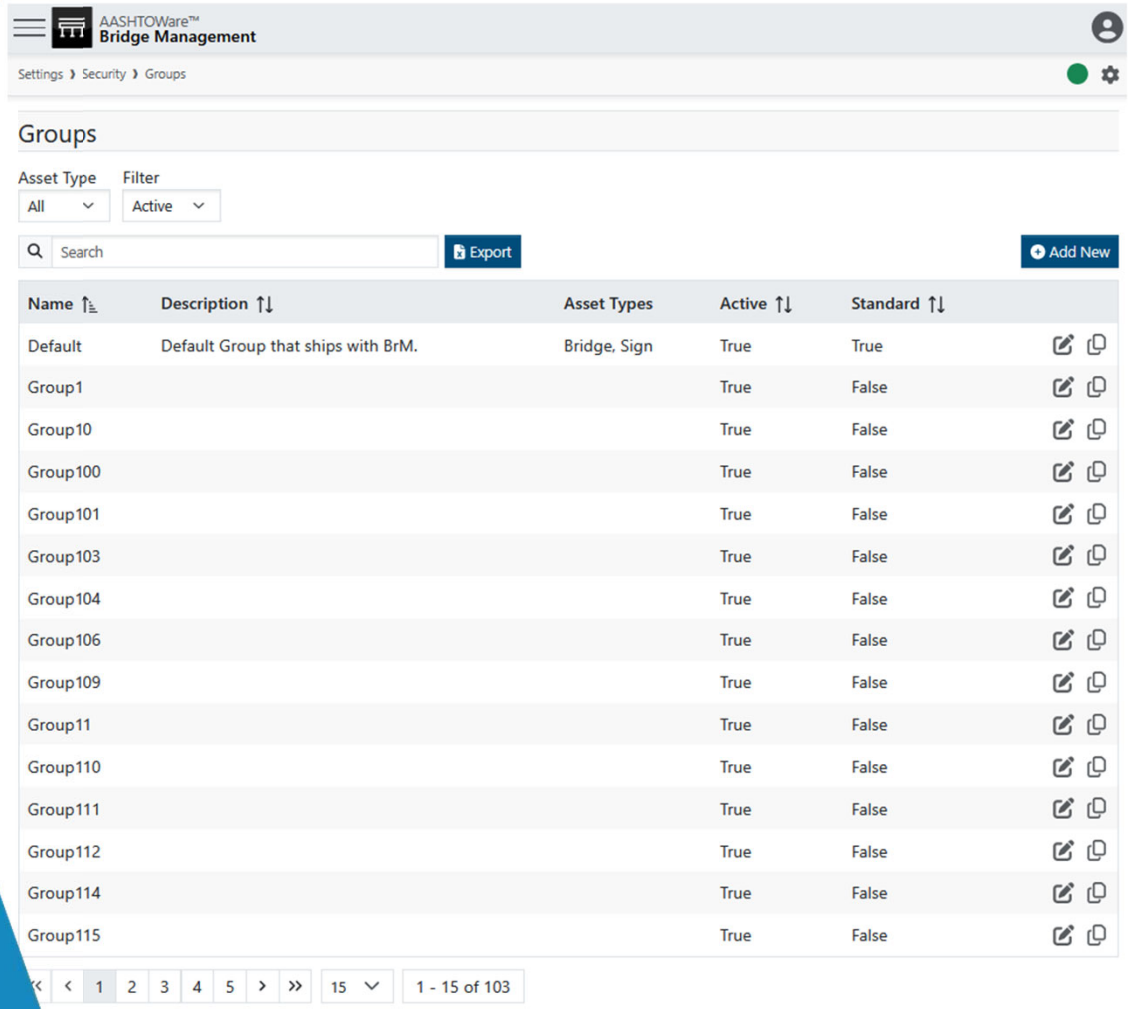
Examples:

- Inspection Managers
- Inspectors
- Load Raters
- Hydro team
- FHWA & Senior Leader Read Only
- Read Only



Roles & Groups



Groups

Control who can see which assets. Also who is assigned to inspect those assets, who is contacted for reviews or critical findings.

Can you?

- See Bridge 001
- See inactive bridges
- See Tunnel 001
- See Sign 001

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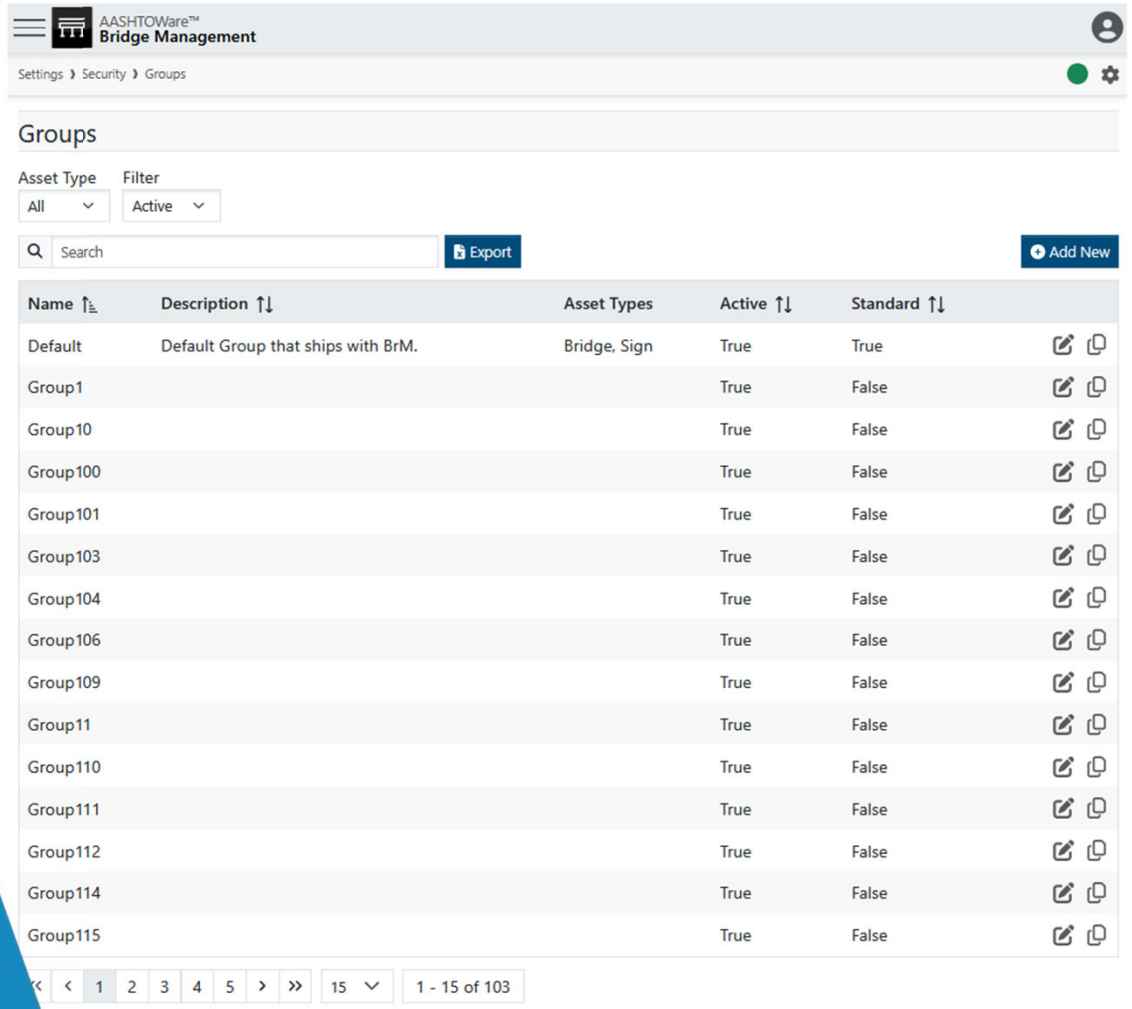
Roles & Groups



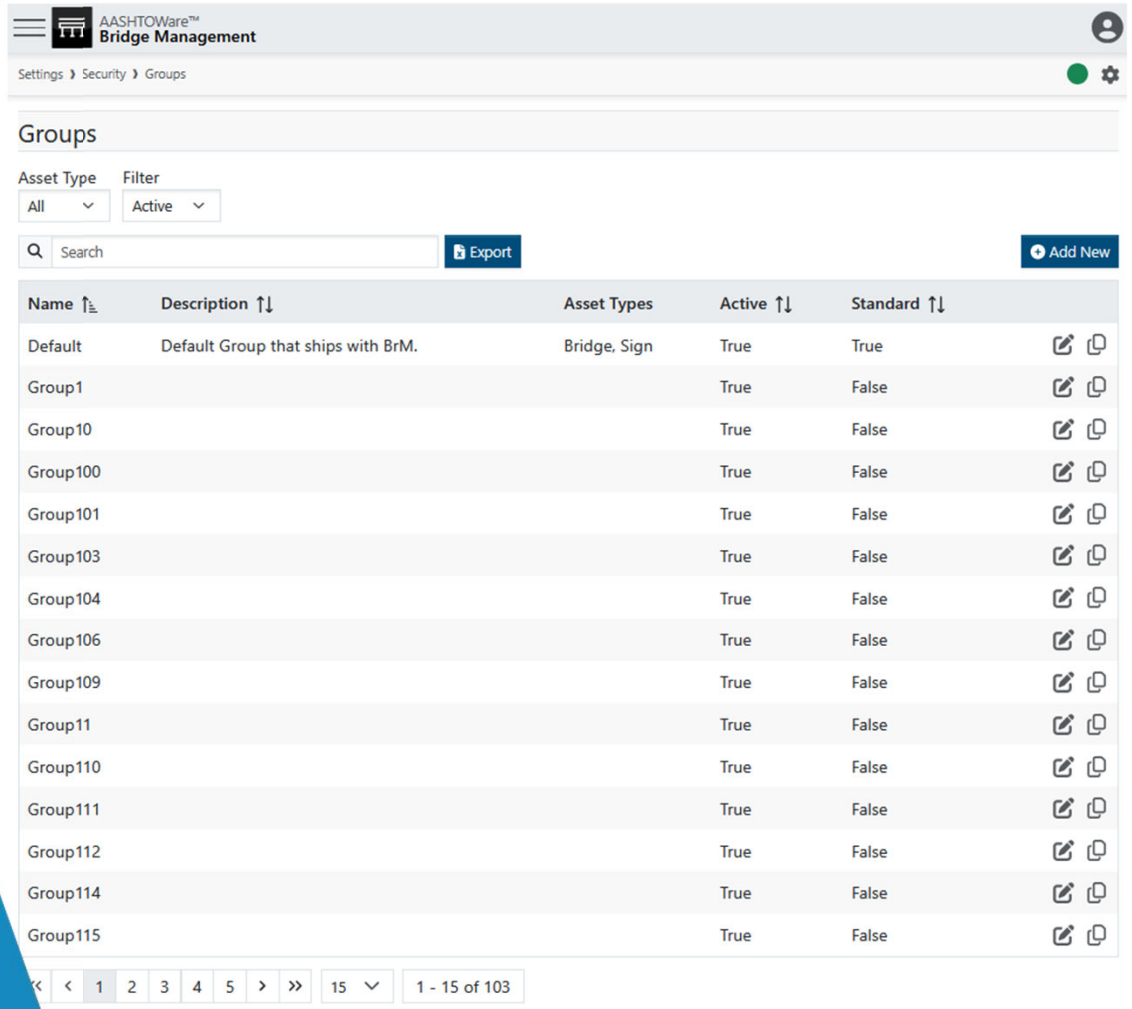
Groups

Control who can see which assets. Also who is assigned to inspect those assets, who is contacted for reviews or critical findings.

Examples:

- District 1
- District 1 Insp Review
- District 1 Critical Findings Review
- District 2
- District 2 Insp Review
- District 2 Critical Findings Review
- Central Office QA
- Central Office Critical Findings Review

Roles & Groups



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- District 2 Insp Review
- District 2 Critical Findings Review
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- Central Office Critical Findings Review

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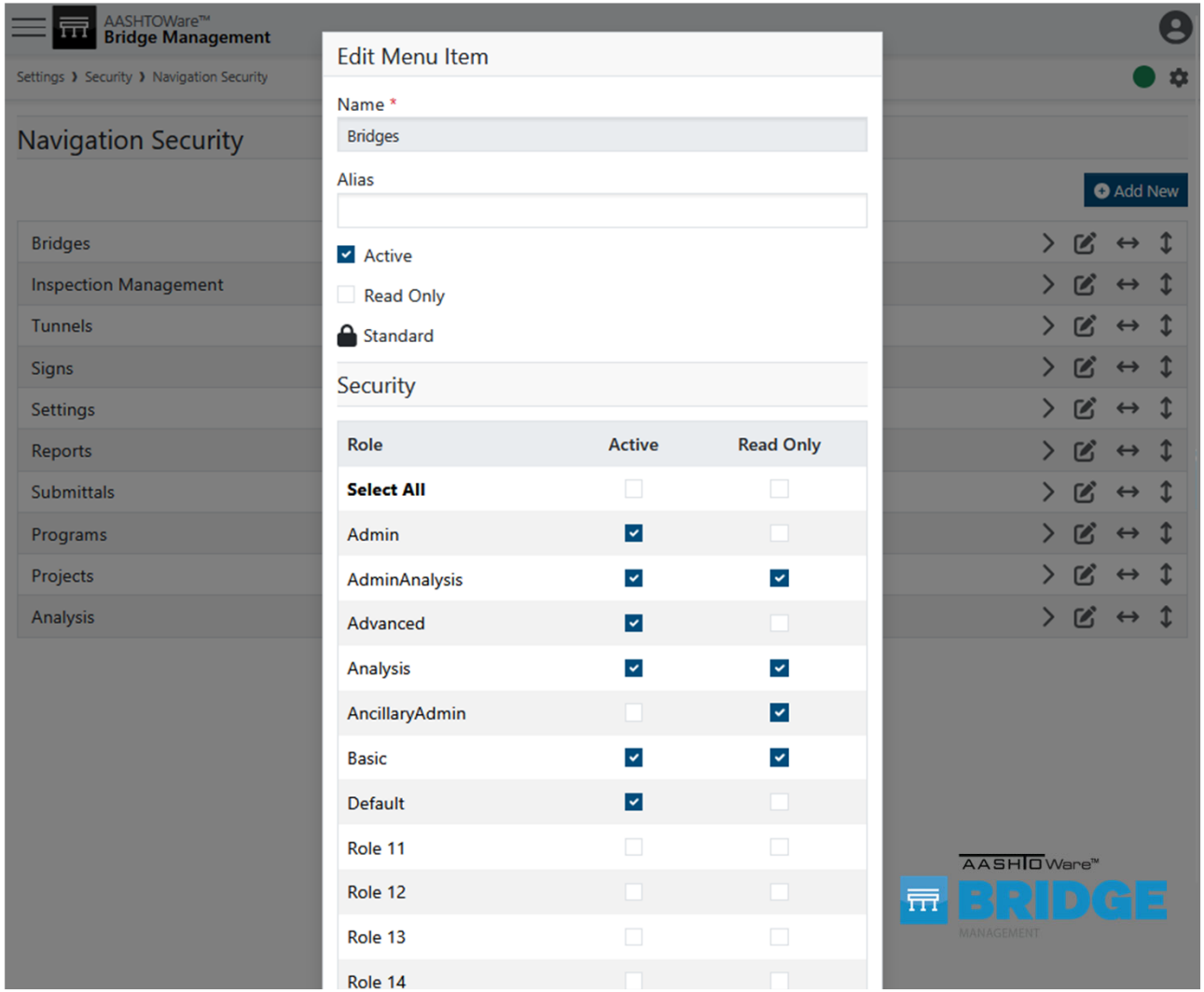
Security

Security

Page Level Security

Which Roles can see / edit which pages.



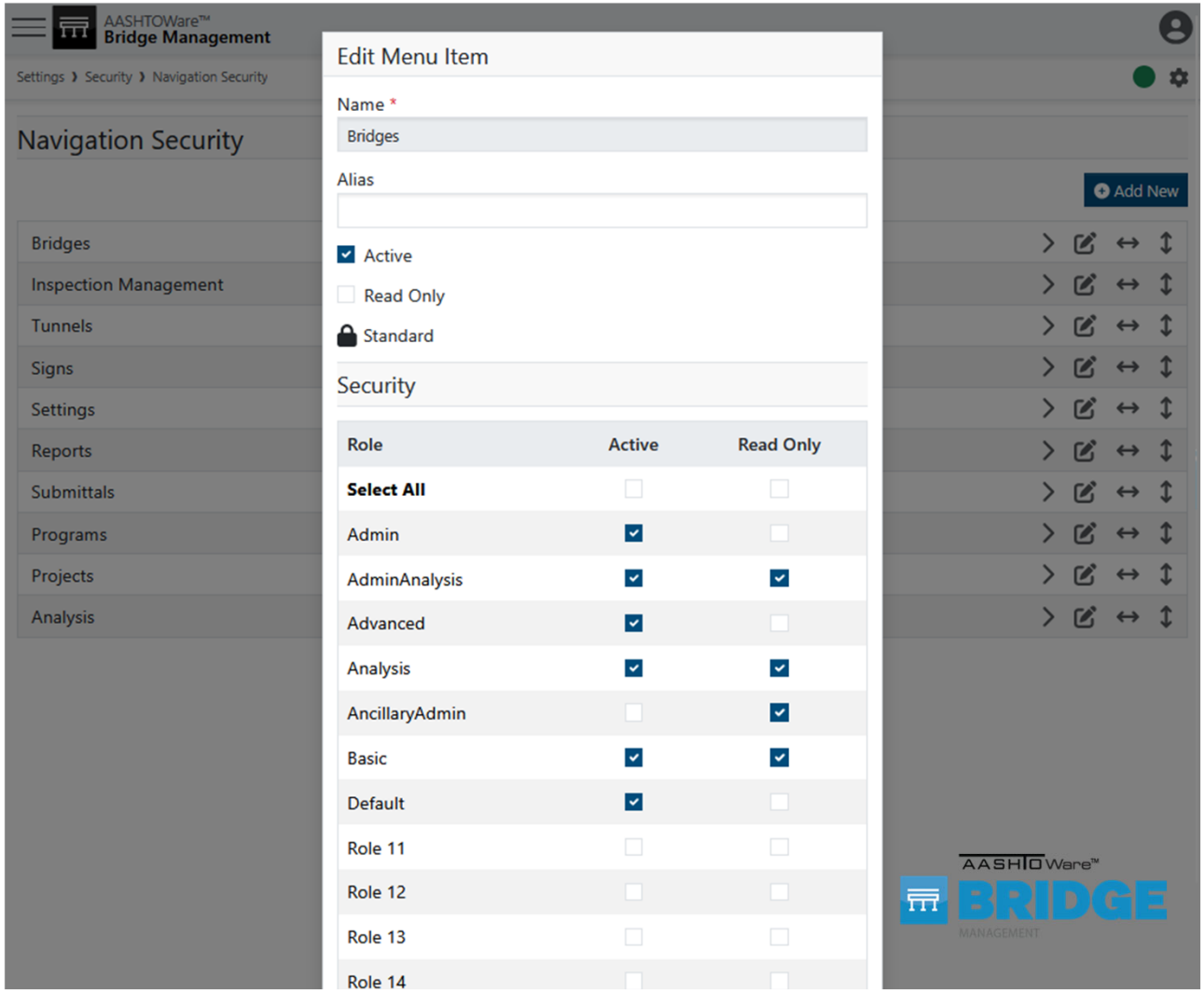
Security

Page Level Security

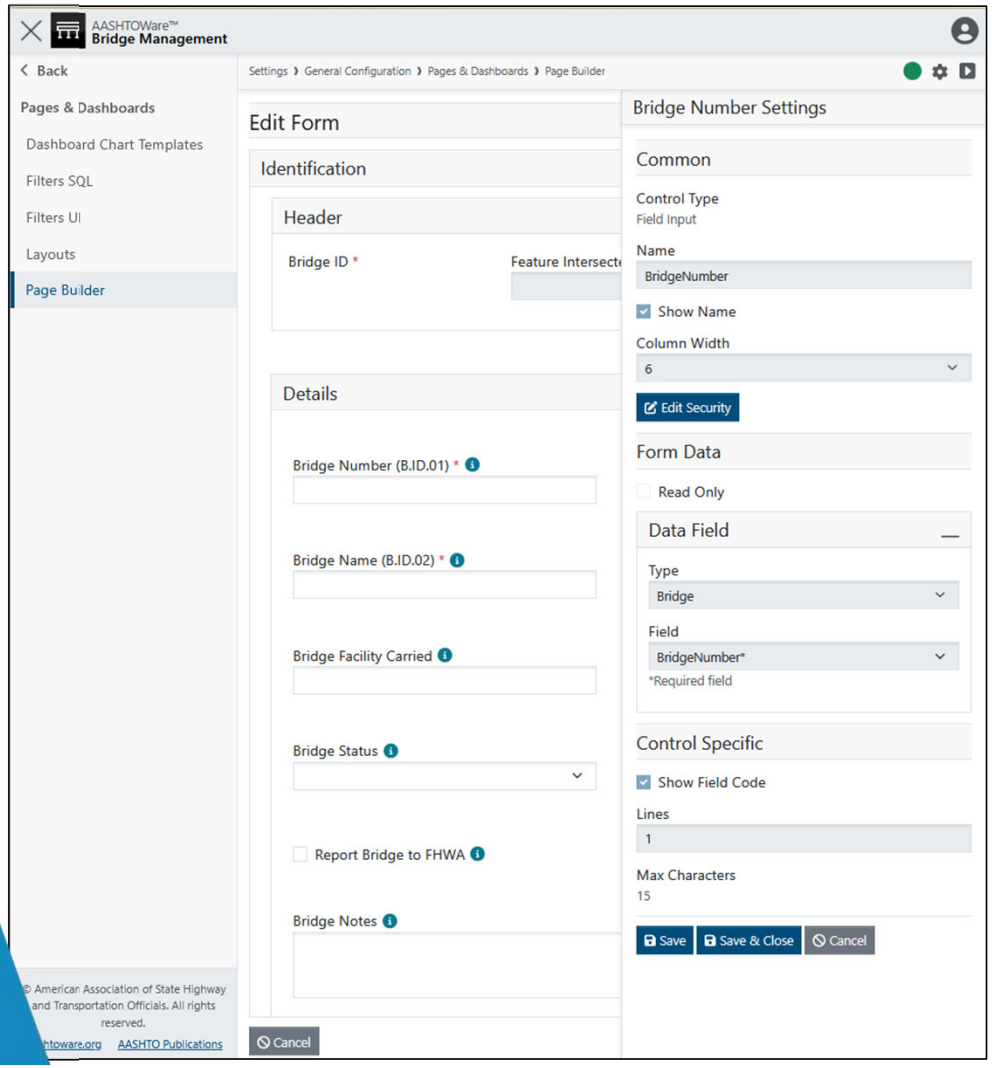
Which Roles can see / edit which pages.

Examples:

- Can Load Raters
  - Create an inspection?
  - Edit inspections?
  - See optimization results?
  - Add users?
- Can Inspectors
  - See optimizations?
  - Add users?
- FHWA & Senior Leader read-only access
- Custom pages?
- Separate bridge and tunnel inspection teams.
- Public access extreme example.



Security



Field-Level Security

Which Roles can see / edit which fields on a particular page.

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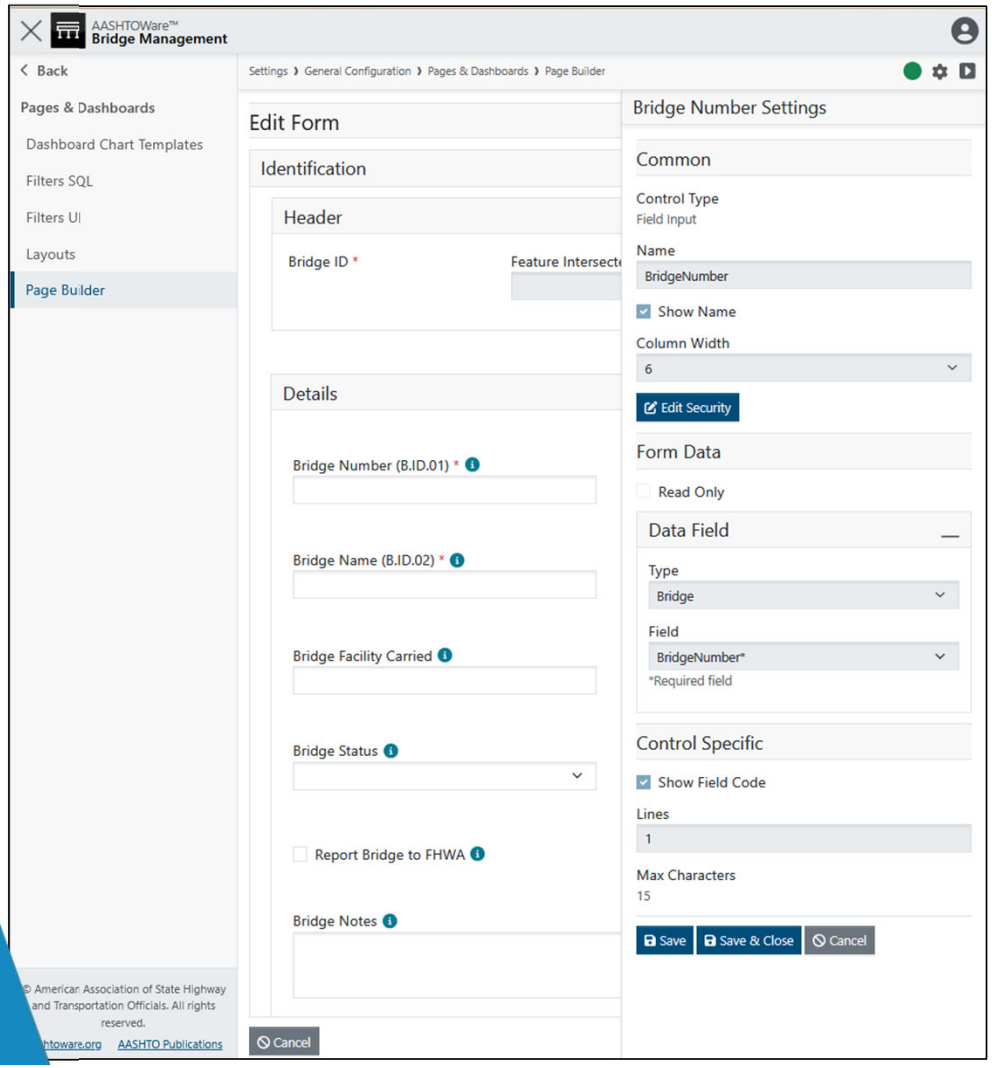
Security



Field-Level Security

Which Roles can see / edit which fields on a particular page.

Use Case Examples:

- Fields fed by API connections
  - AADT, ADTT
  - Seismic risk
- Fields only admins can change
  - Structure Name
  - Bridge ID number
  - Bridge Status
  - Report to FHWA
- Extreme example: Homeland Security sensitive fields.

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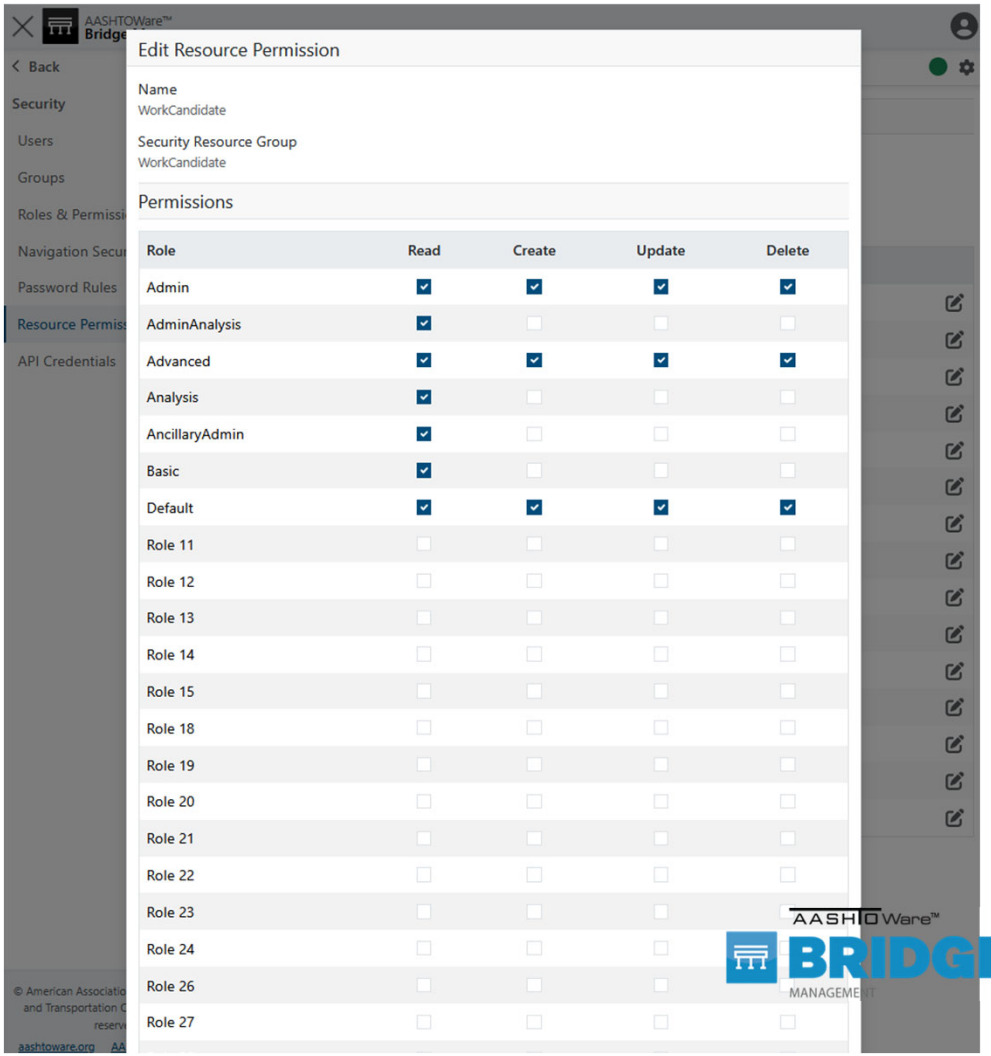
Security

Resource Permissions

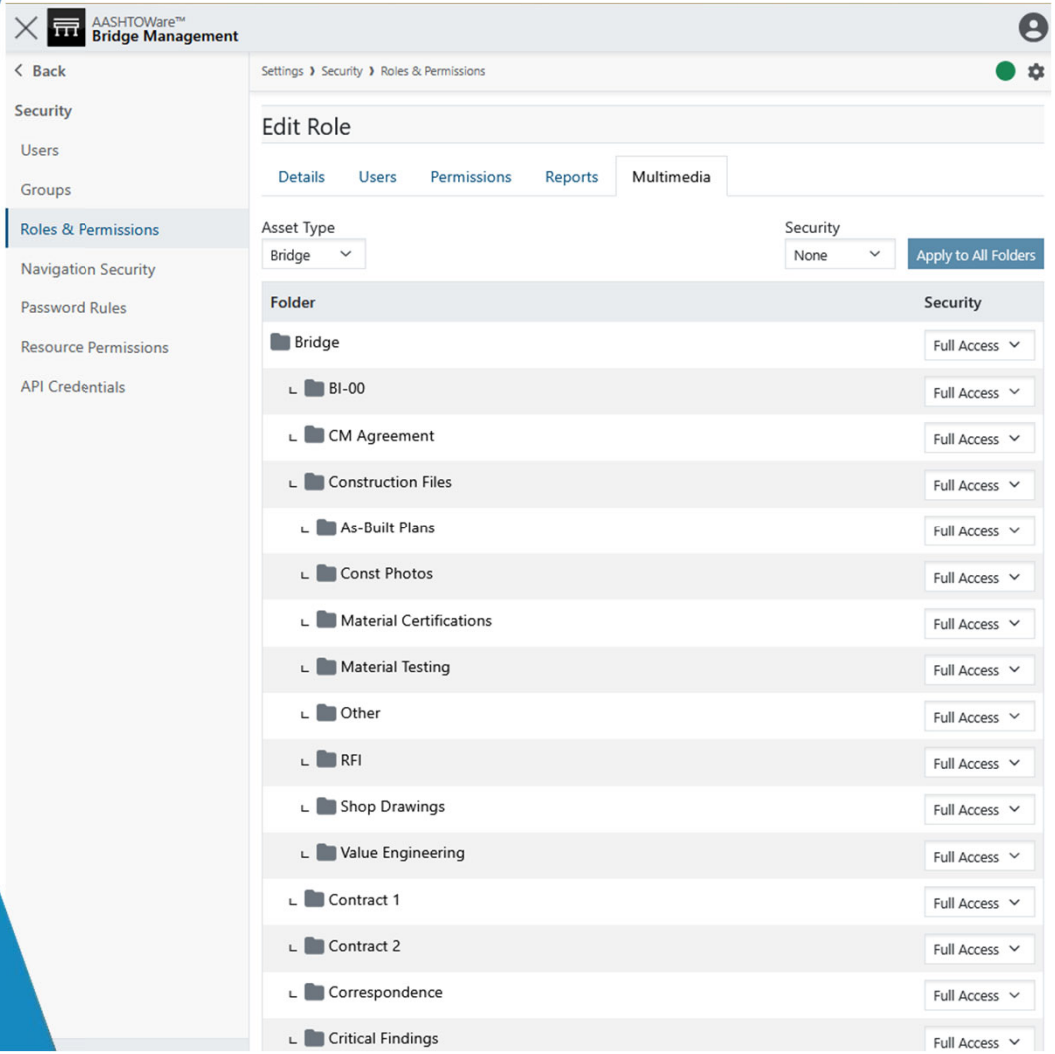
For all the security settings you're missing elsewhere.

Notable Examples:

- Superstructure Sets
- Substructure Sets
- Structure Units
- Work Candidates.



Security



Multimedia Permissions

For all the security settings you're missing elsewhere.

Use Case Examples:

- Inspectors cannot delete plans.
- Load raters cannot delete inspection photos.
- Senior leaders cannot delete inspection photos.
- FHWA cannot delete inspection photos.
- Hydro team cannot see load rating folder
- Consultants do not see inspection cost receipts folder.

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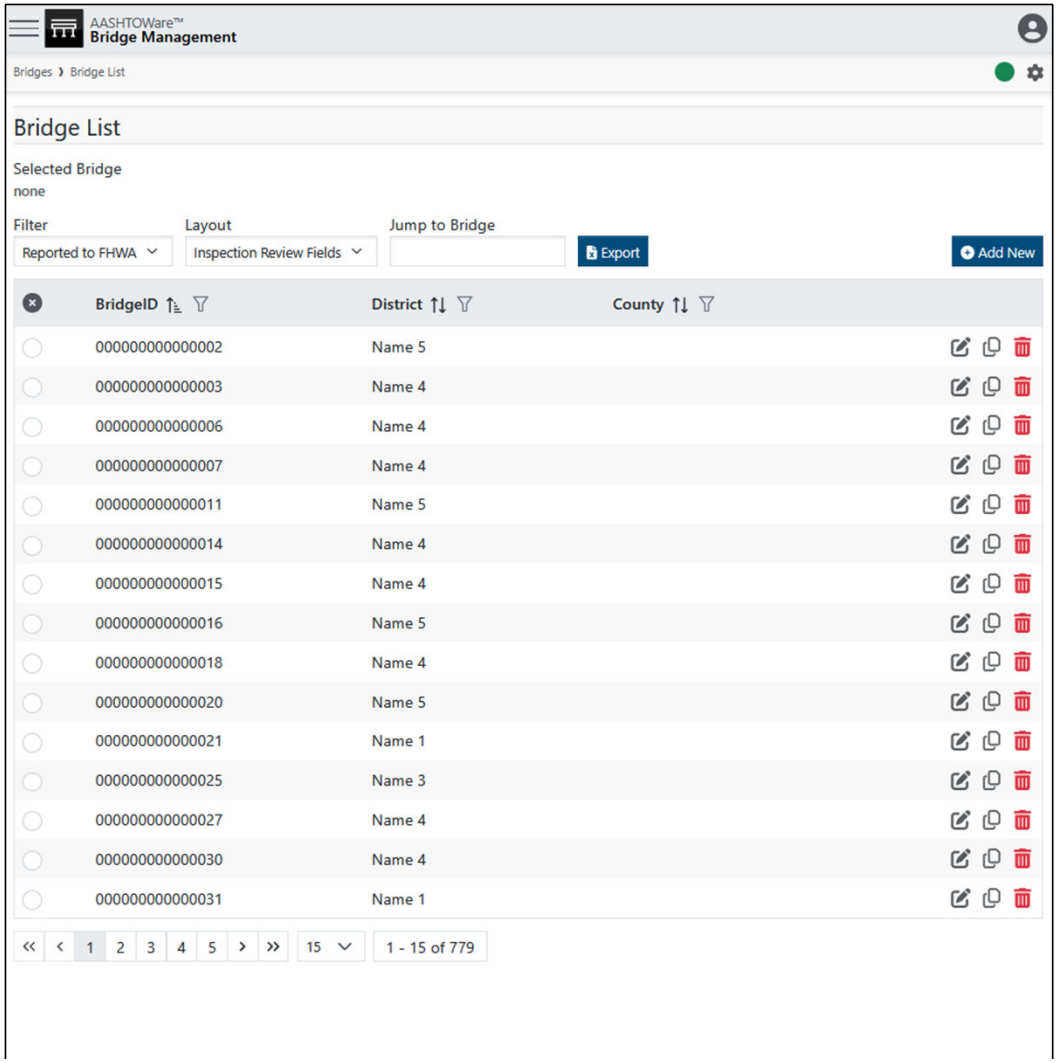
Bridge List

Bridge List



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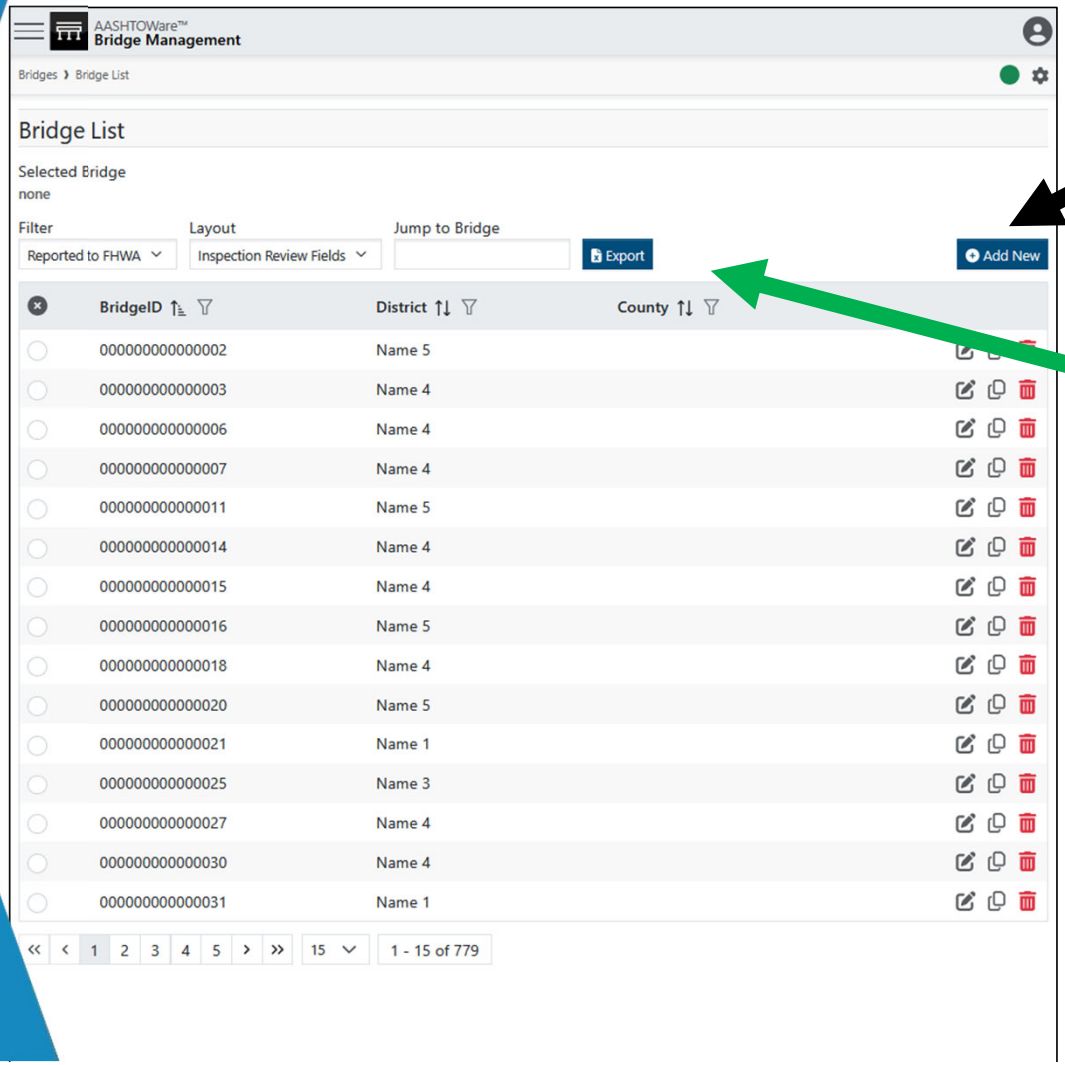
Bridge List



Create Structure
(If you have the permissions for it)

Export data to excel
The easiest way to get data out to Excel for other uses.

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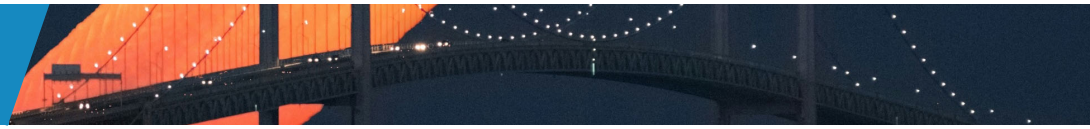
Bridge List



AASHTOWare™ Bridge Management

Bridges › Bridge List

Bridge List

Selected Bridge
none

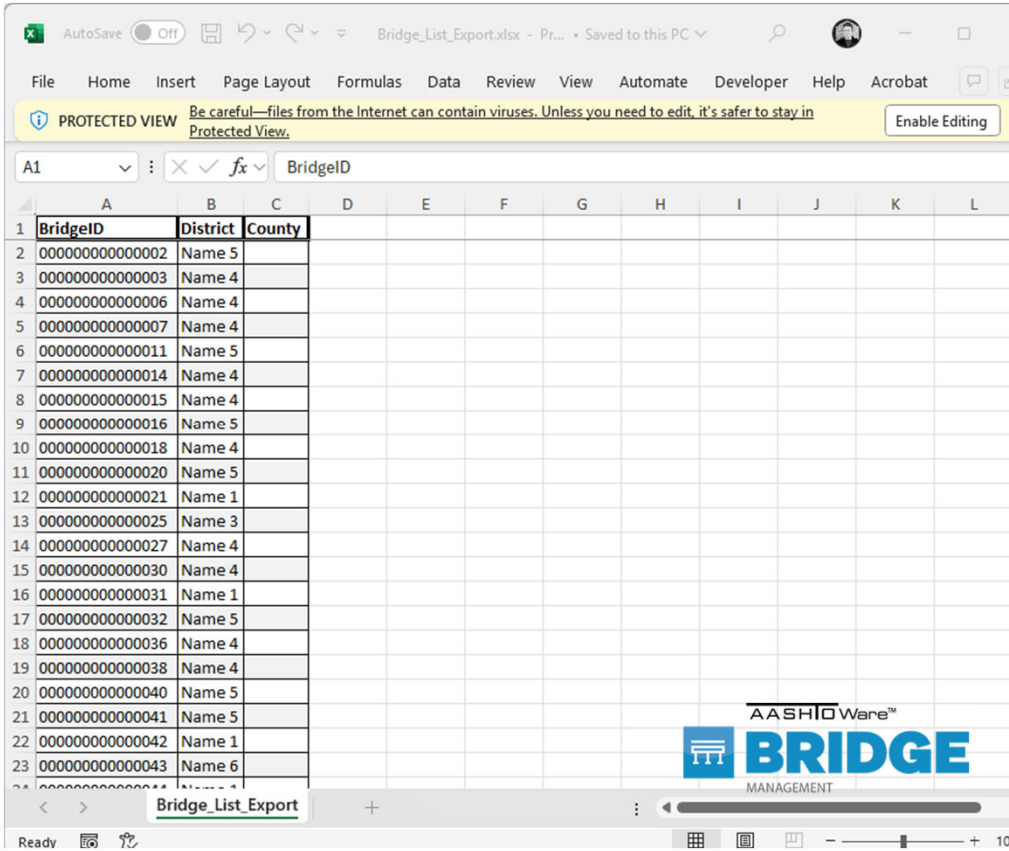
Filter: Reported to FHWA | Layout: Inspection Review Fields | Jump to Bridge | Export | Add New

BridgeID	District	County
000000000000002	Name 5	
000000000000003	Name 4	
000000000000006	Name 4	
000000000000007	Name 4	
000000000000011	Name 5	
000000000000014	Name 4	
000000000000015	Name 4	
000000000000016	Name 5	
000000000000018	Name 4	
000000000000020	Name 5	
000000000000021	Name 1	
000000000000025	Name 3	
000000000000027	Name 4	
000000000000030	Name 4	
000000000000031	Name 1	

« ‹ 1 2 3 4 5 › » 15 1 - 15 of 779

Export data to excel

The easiest way to get data out to Excel for other uses.



AutoSave Off — Bridge_List_Export.xlsx - Pr... • Saved to this PC

File Home Insert Page Layout Formulas Data Review View Automate Developer Help Acrobat

PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing

A1 | BridgeID

	A	B	C
1	BridgeID	District	County
2	000000000000002	Name 5	
3	000000000000003	Name 4	
4	000000000000006	Name 4	
5	000000000000007	Name 4	
6	000000000000011	Name 5	
7	000000000000014	Name 4	
8	000000000000015	Name 4	
9	000000000000016	Name 5	
10	000000000000018	Name 4	
11	000000000000020	Name 5	
12	000000000000021	Name 1	
13	000000000000025	Name 3	
14	000000000000027	Name 4	
15	000000000000030	Name 4	
16	000000000000031	Name 1	
17	000000000000032	Name 5	
18	000000000000036	Name 4	
19	000000000000038	Name 4	
20	000000000000040	Name 5	
21	000000000000041	Name 5	
22	000000000000042	Name 1	
23	000000000000043	Name 6	

Bridge_List_Export

Ready

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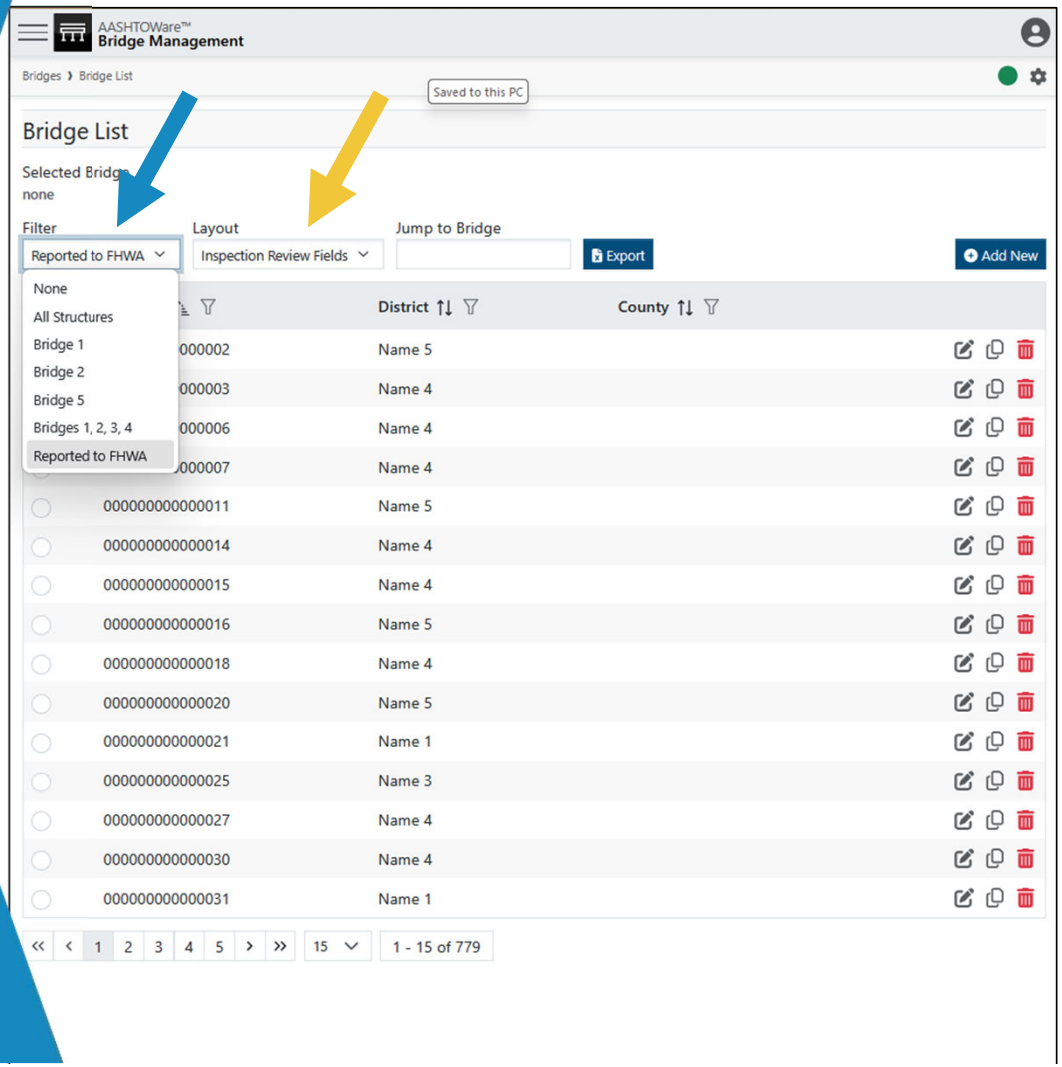
Bridge List



Filters

Which structures show up in the grid.

Layouts

Which columns of data appear in the grid.

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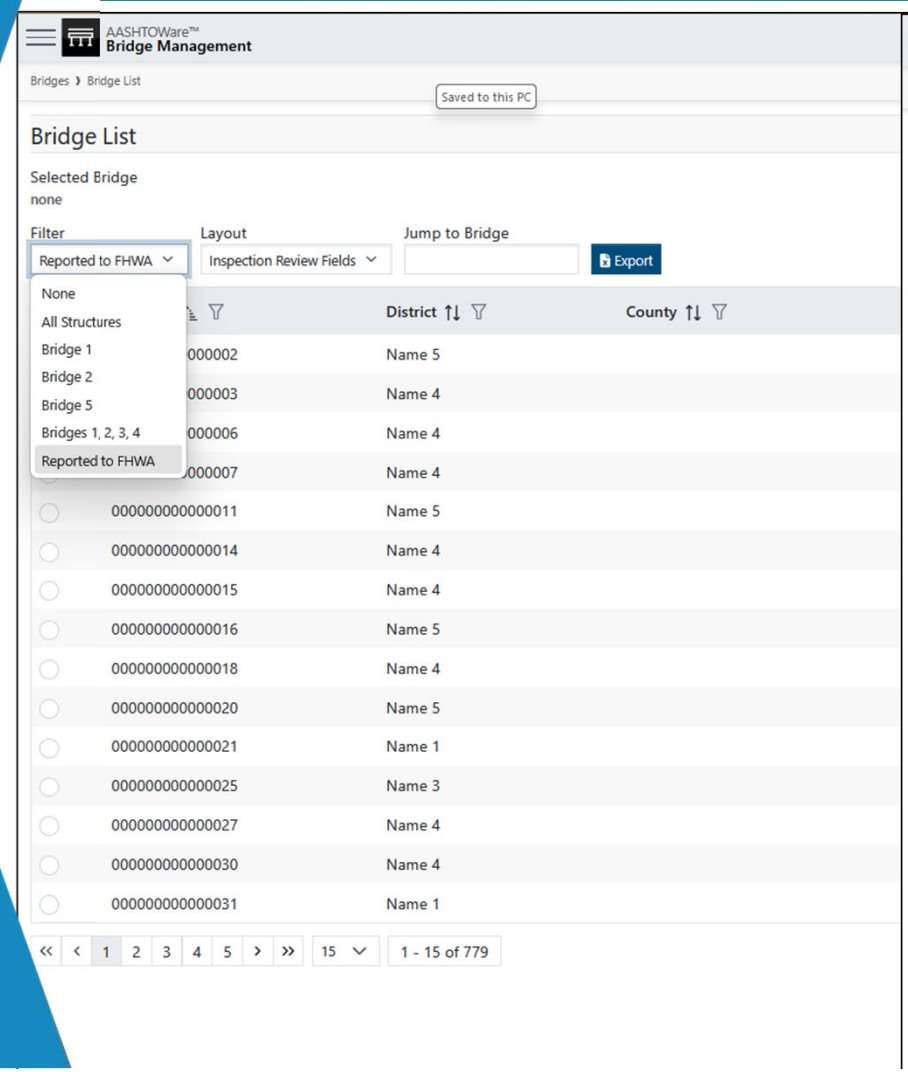
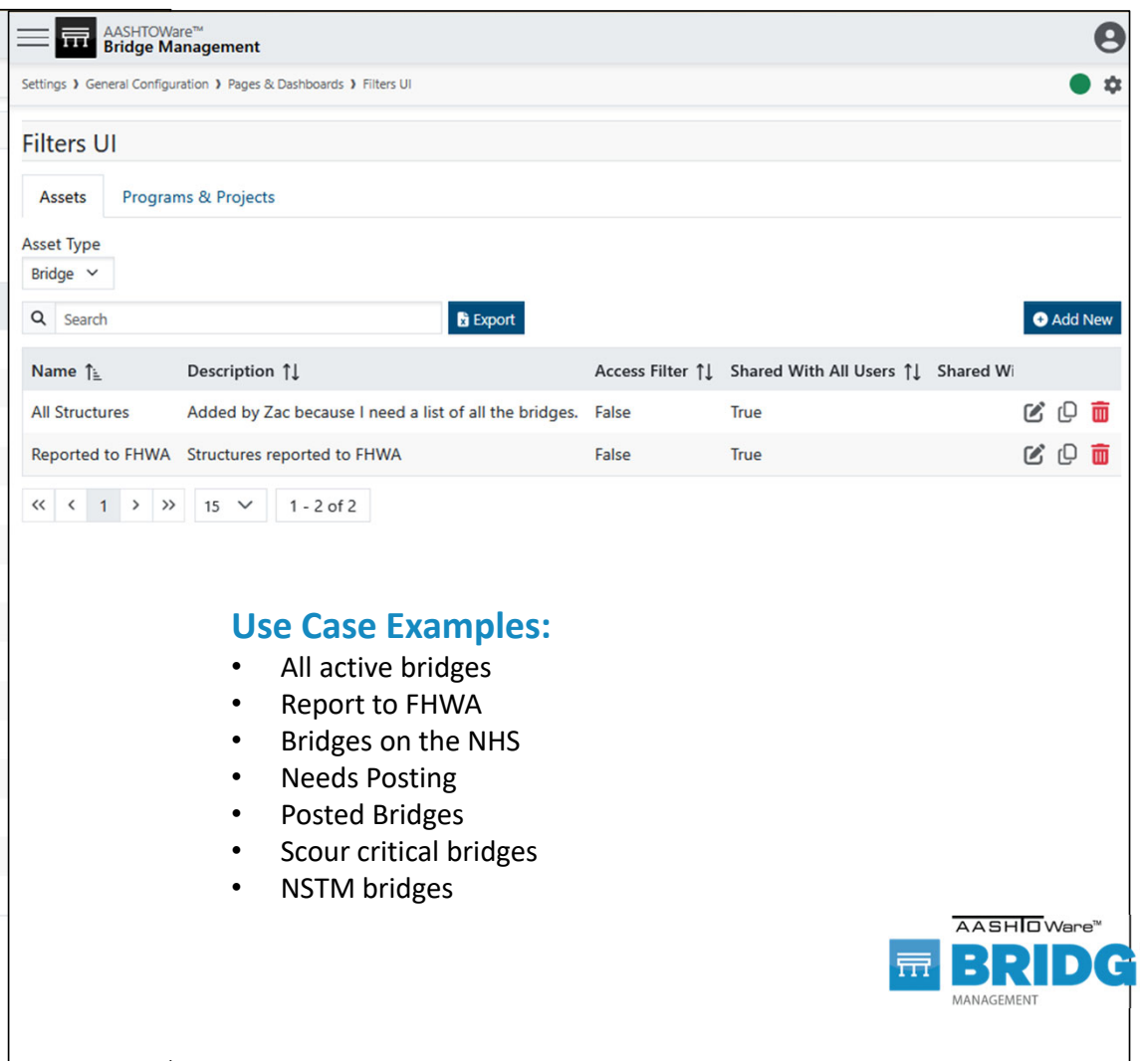
Bridge List



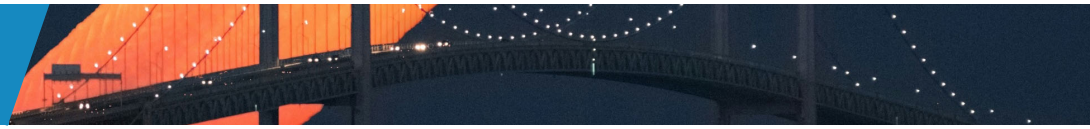


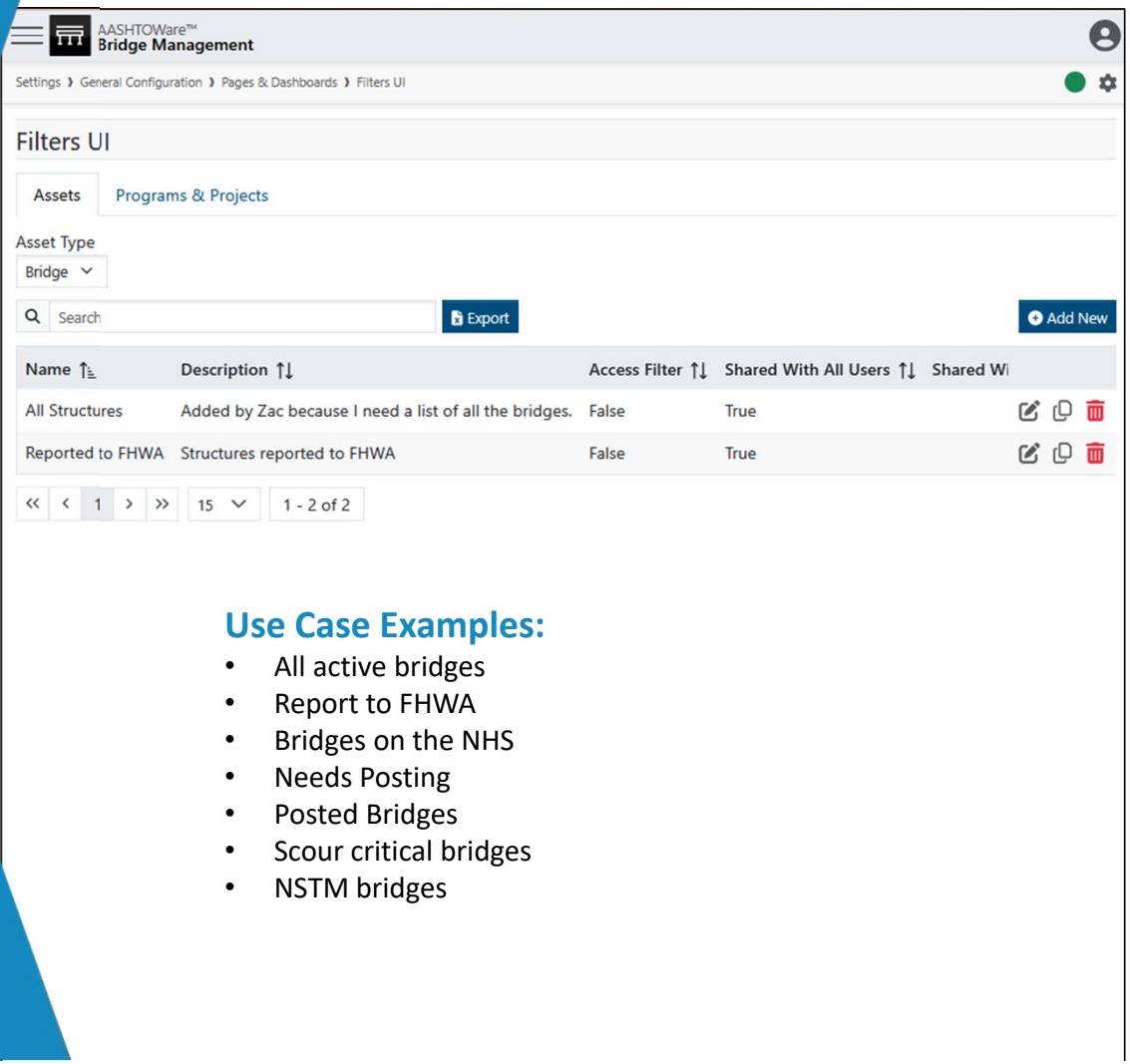
Use Case Examples:

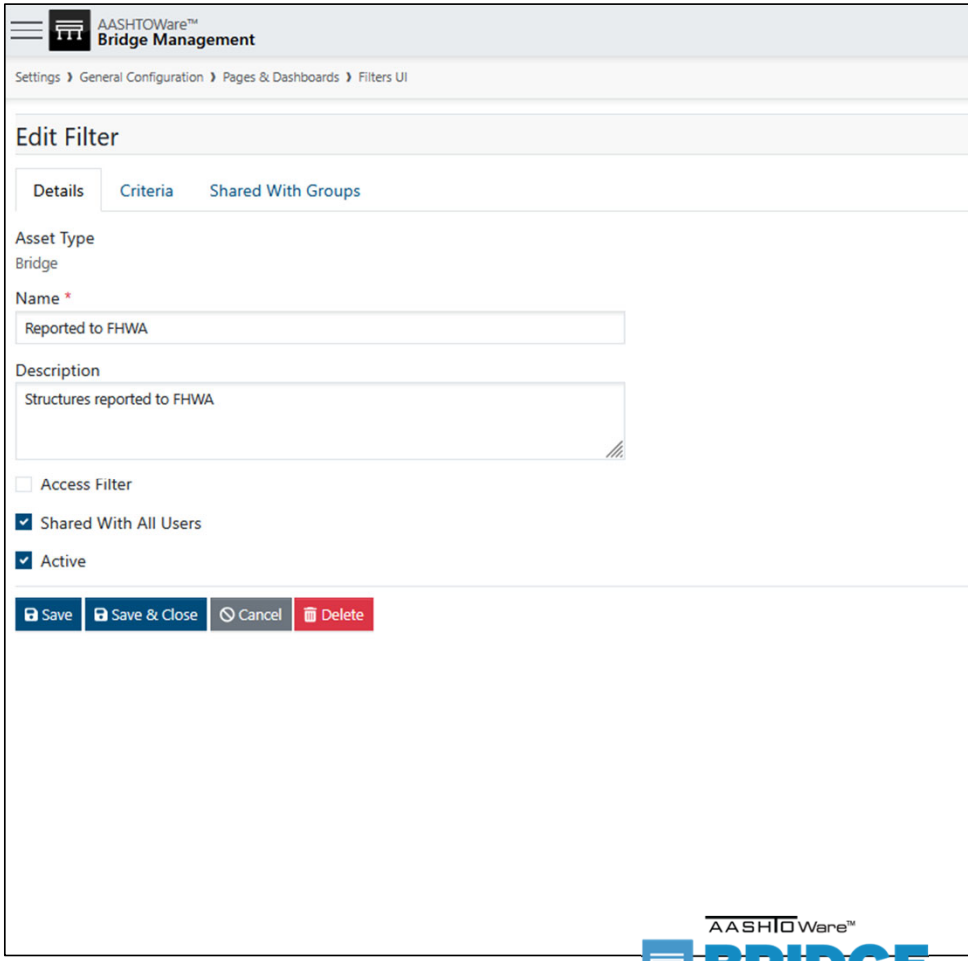
- All active bridges
- Report to FHWA
- Bridges on the NHS
- Needs Posting
- Posted Bridges
- Scour critical bridges
- NSTM bridges

AASHTOWare™ BRIDGE MANAGEMENT

Bridge List







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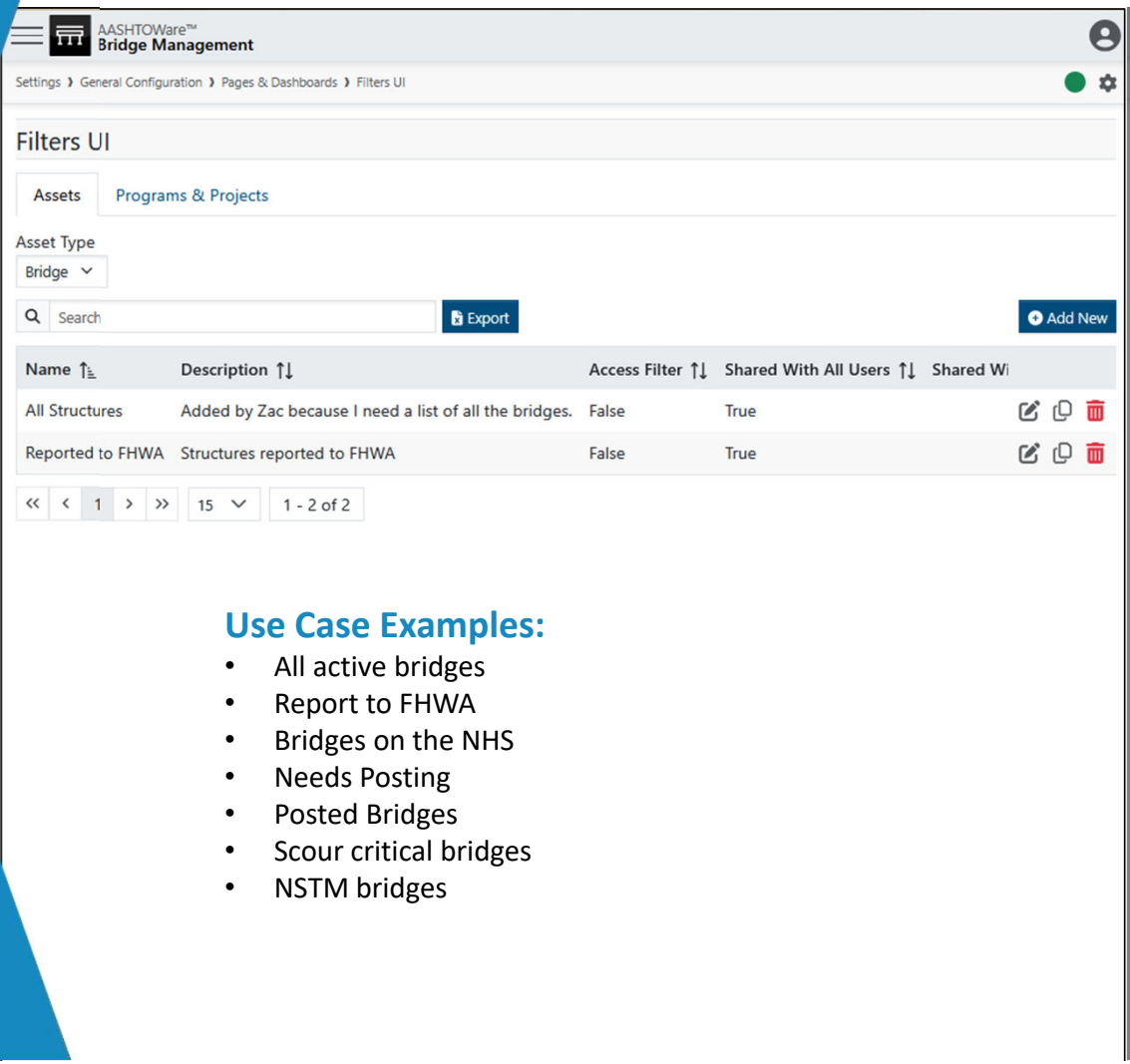

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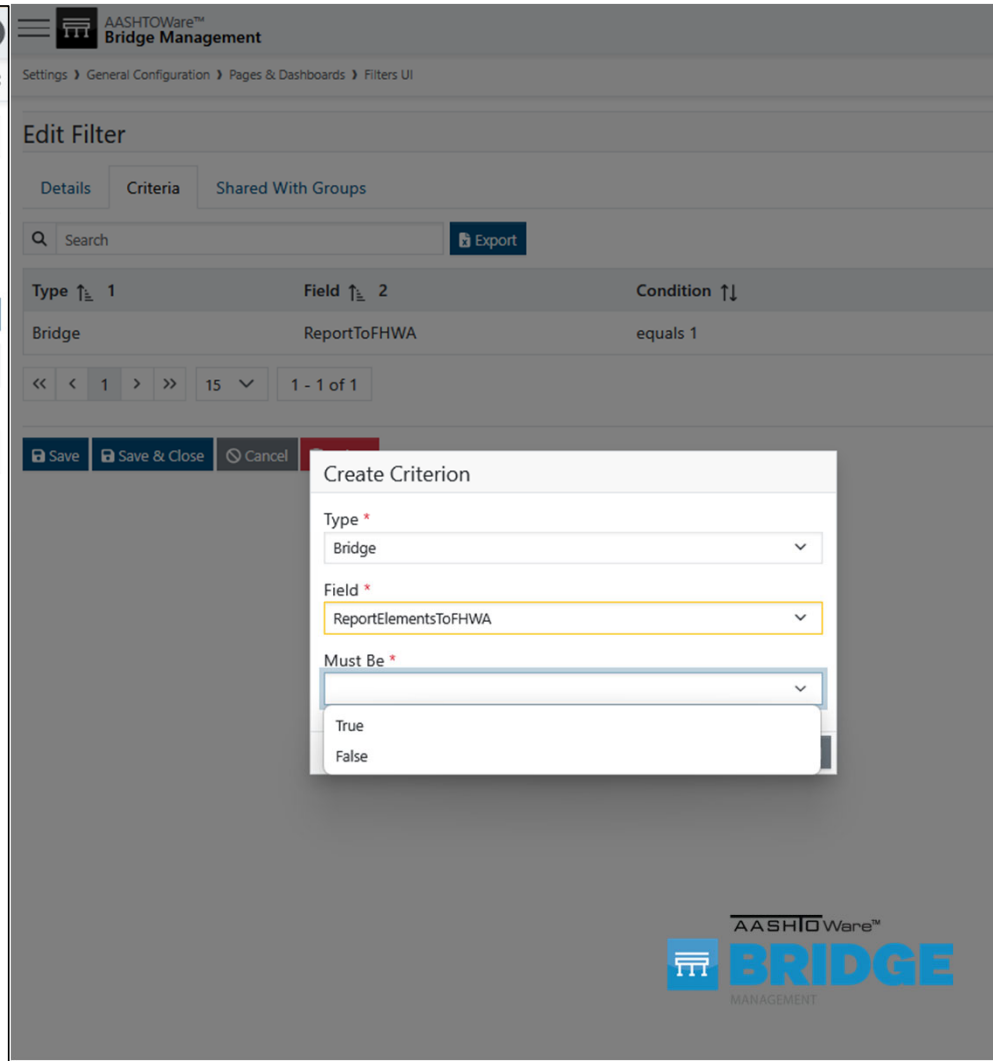
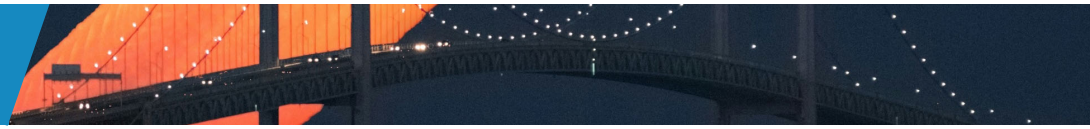


Bridge List



AASHTOWare™ Bridge Management

Bridges › Bridge List

Saved to this PC

Bridge List

Selected Bridge
none

Filter: Reported to FHWA | Layout: Inspection Review Fields | Jump to Bridge | Export | Add New

- None
- All Structures
- Bridge 1
- Bridge 2
- Bridge 5
- Bridges 1, 2, 3, 4
- Reported to FHWA

	District	County
000002	Name 5	
000003	Name 4	
000006	Name 4	
000007	Name 4	
000000000000011	Name 5	
000000000000014	Name 4	
000000000000015	Name 4	
000000000000016	Name 5	
000000000000018	Name 4	
000000000000020	Name 5	
000000000000021	Name 1	
000000000000025	Name 3	
000000000000027	Name 4	
000000000000030	Name 4	
000000000000031	Name 1	

« ‹ 1 2 3 4 5 › » | 15 | 1 - 15 of 779

AASHTOWare™ Bridge Management

Settings › General Configuration › Pages & Dashboards › Layouts

Layouts

Assets | Programs & Projects

Asset Type: Bridge

Search | Export | Add New

Event Type	Name	Description	Shared	Active	Standard
Bridge Inspection	Assigned Inspection List		True	True	True
	Bridge List		True	True	True
	BridgeID-Only	Just the BridgeID	True	True	False
Bridge Inspection	Inspection List		True	True	True
	Inspection Review Fields		True	True	True

« ‹ 1 › » | 15 | 1 - 5 of 5

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Bridge List

AASHTOWare™ Bridge Management

Bridges › Bridge List

Saved to this PC

Bridge List

Selected Bridge
none

Filter: Reported to FHWA | Layout: Inspection Review Fields | Jump to Bridge | Export | Add New

- None
- All Structures
- Bridge 1
- Bridge 2
- Bridge 5
- Bridges 1, 2, 3, 4
- Reported to FHWA

	District	County	
000002	Name 5		
000003	Name 4		
000006	Name 4		
000007	Name 4		
000000000000011	Name 5		
000000000000014	Name 4		
000000000000015	Name 4		
000000000000016	Name 5		
000000000000018	Name 4		
000000000000020	Name 5		
000000000000021	Name 1		
000000000000025	Name 3		
000000000000027	Name 4		
000000000000030	Name 4		
000000000000031	Name 1		

« ‹ 1 2 3 4 5 › » | 15 | 1 - 15 of 779

AASHTOWare™ Bridge Management

Settings › General Configuration › Pages & Dashboards › Layouts

Edit Layout

Asset Type
Bridge

Name *
Bridge List

Description

- [x] Shared
- [x] Active
- Standard

Layout Fields

Order	Type	Field	Alias	Use Parameters
1	Bridge	BridgeID		False
2	Bridge	HighwayAgencyDistrict	Highway Agency District (B.L.04)	True
3	Bridge	CountyCode	County Code (B.L.02)	True
4	Bridge	Owner	Owner (B.CL.01)	True
5	Bridge	MaintenanceResponsibility	Maintenance Responsibility (B.CL.02)	True
6	Bridge	YearBuilt	Year Built (B.W.01)	False

Save | Save & Close | Cancel

AASHTOWare™ BRIDGE MANAGEMENT

Bridge List

AASHTOWare™ Bridge Management

Bridges › Bridge List

Saved to this PC

Bridge List

Selected Bridge
none

Filter: Reported to FHWA | Layout: Inspection Review Fields | Jump to Bridge | Export | Add New

- None
- All Structures
- Bridge 1
- Bridge 2
- Bridge 5
- Bridges 1, 2, 3, 4
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	District	County
000002	Name 5	
000003	Name 4	
000006	Name 4	
000007	Name 4	
000000000000011	Name 5	
000000000000014	Name 4	
000000000000015	Name 4	
000000000000016	Name 5	
000000000000018	Name 4	
000000000000020	Name 5	
000000000000021	Name 1	
000000000000025	Name 3	
000000000000027	Name 4	
000000000000030	Name 4	
000000000000031	Name 1	

« ‹ 1 2 3 4 5 › » | 15 | 1 - 15 of 779

AASHTOWare™ Bridge Management

Settings › General Configuration › Pages & Dashboards › Layouts

Layouts

Assets | Programs & Projects

Asset Type: Bridge

Search | Export | Add New

Event Type	Name	Description	Shared	Active	Standard
Bridge Inspection	Assigned Inspection List		True	True	True
	Bridge List		True	True	True
	BridgeID-Only	Just the BridgeID	True	True	False
Bridge Inspection	Inspection List		True	True	True
	Inspection Review Fields		True	True	True

« ‹ 1 › » | 15 | 1 - 5 of 5

Use Case Examples:

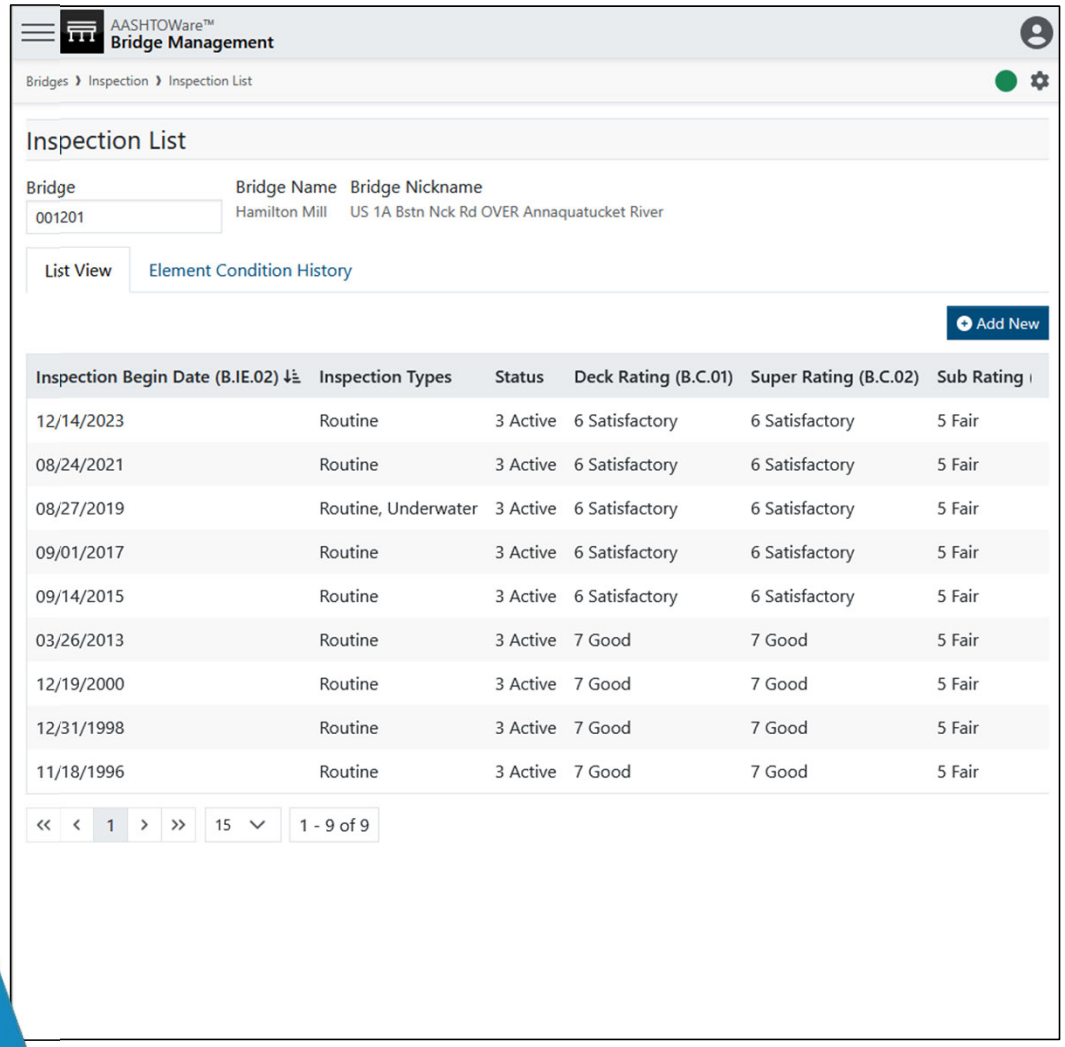
- Condition data
- Posting Status
- ID / Name / Owner
- ID-only

AASHTOWare™ BRIDGE MANAGEMENT

AASHTOWare™ BRIDGE MANAGEMENT

Inspection List

Inspection List

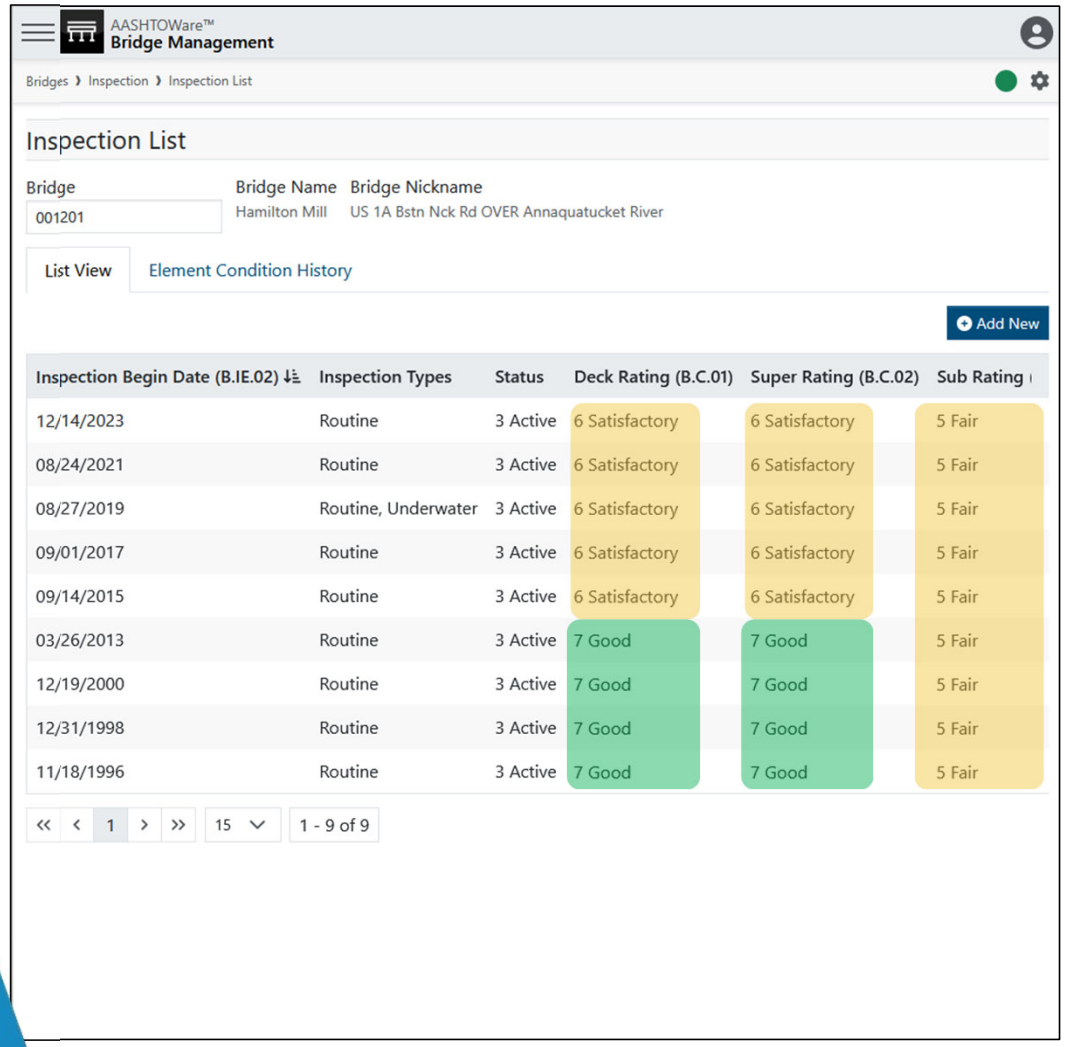


Inspection Dates

Inspection Types

AASHTOWare™ BRIDGE MANAGEMENT

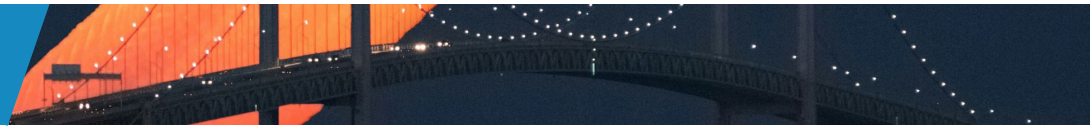
Inspection List



Inspection Condition

AASHTOWare™ BRIDGE MANAGEMENT

Inspection List



AASHTOWare™
Bridge Management

Bridges › Inspection › Inspection List

Inspection List

Bridge: 001201
Bridge Name: Hamilton Mill
Bridge Nickname: US 1A Bstn Nck Rd OVER Annaquatucket River

List View | Element Condition History

ID	Name	Structure Unit	Type	Environment	Inspection Date	Total Quantity	Units	CS 1 Qty	CS 2 Qty	CS 3 Qty	CS 4 Qty
38	Re Concrete Slab	0	Element	Moderate	12/14/2023	1,105	sq.ft	295	400	410	0
38	Re Concrete Slab	0	Element	Moderate	8/24/2021	1,105	sq.ft	295	400	410	0
38	Re Concrete Slab	0	Element	Moderate	8/27/2019	1,105	sq.ft	295	400	410	0
38	Re Concrete Slab	0	Element	Moderate	9/1/2017	1,105	sq.ft	305	400	400	0
38	Re Concrete Slab	0	Element	Moderate	9/14/2015	1,105	sq.ft	305	400	400	0
38	Re Concrete Slab	0	Element	Moderate	3/26/2013	990	sq.ft	930.6	59.4	0	0
215	Re Conc Abutment	0	Element	Moderate	12/14/2023	117	ft	0	115	2	0
215	Re Conc Abutment	0	Element	Moderate	8/24/2021	117	ft	0	115	2	0
215	Re Conc Abutment	0	Element	Moderate	8/27/2019	117	ft	0	115	2	0
215	Re Conc Abutment	0	Element	Moderate	9/1/2017	117	ft	0	117	0	0
215	Re Conc Abutment	0	Element	Moderate	9/14/2015	117	ft	0	117	0	0
215	Re Conc Abutment	0	Element	Moderate	3/26/2013	117.001	ft	0	117.001	0	0
241	Re Conc Culvert	0	Element	Moderate	12/19/2000	58	ft	0	58	0	0
241	Re Conc Culvert	0	Element	Moderate	12/31/1998	58	ft	0	58	0	0
301	Pourable Joint Seal	0	Element	Moderate	8/24/2021	48	ft	48	0	0	0

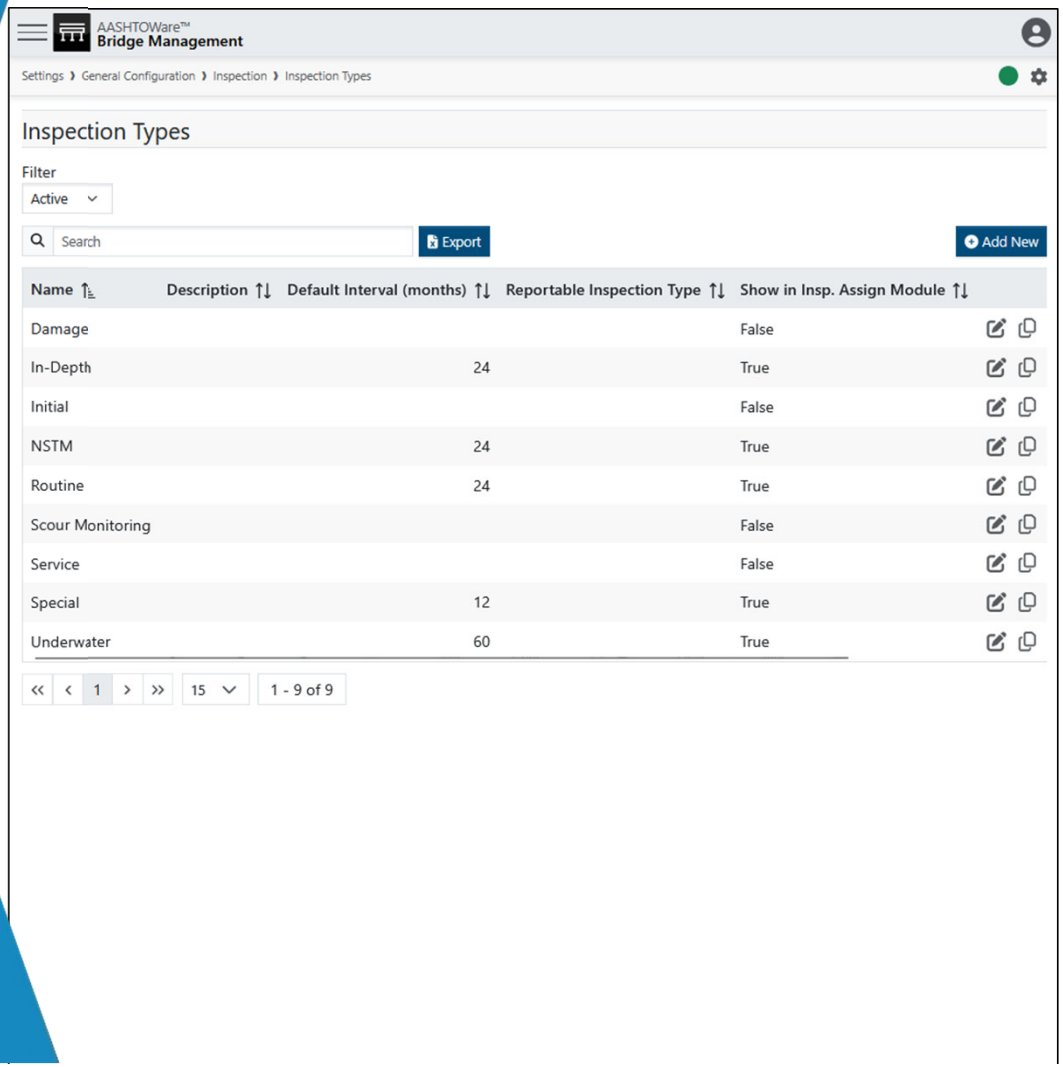
‹ 1 2 3 4 › » 1 - 15 of 46 15

AASHTOWare™ BRIDGE MANAGEMENT

AASHTOWare™ BRIDGE MANAGEMENT

Schedule

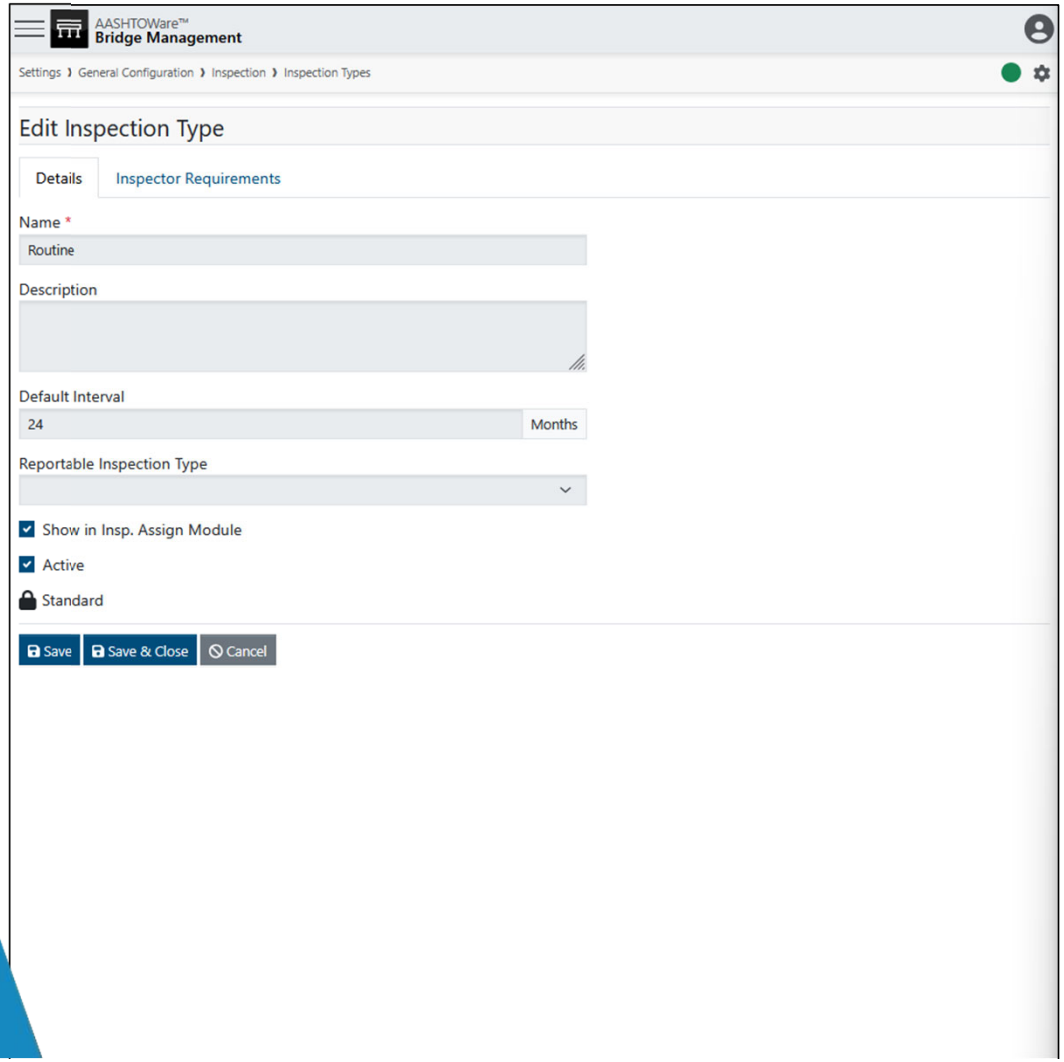
Schedule



Use Case Examples:

- Routine vs. Routine Crane vs. Routine Complex
- Follow Up inspections
- Load Ratings as an inspection type
- Cross Sections as an inspection type
- Think about:
  - Cert needs
  - Equipment needs
  - Procedure needs
  - Screen access
  - Assigned vs. Ad hoc
  - Report requirements (like signatures)

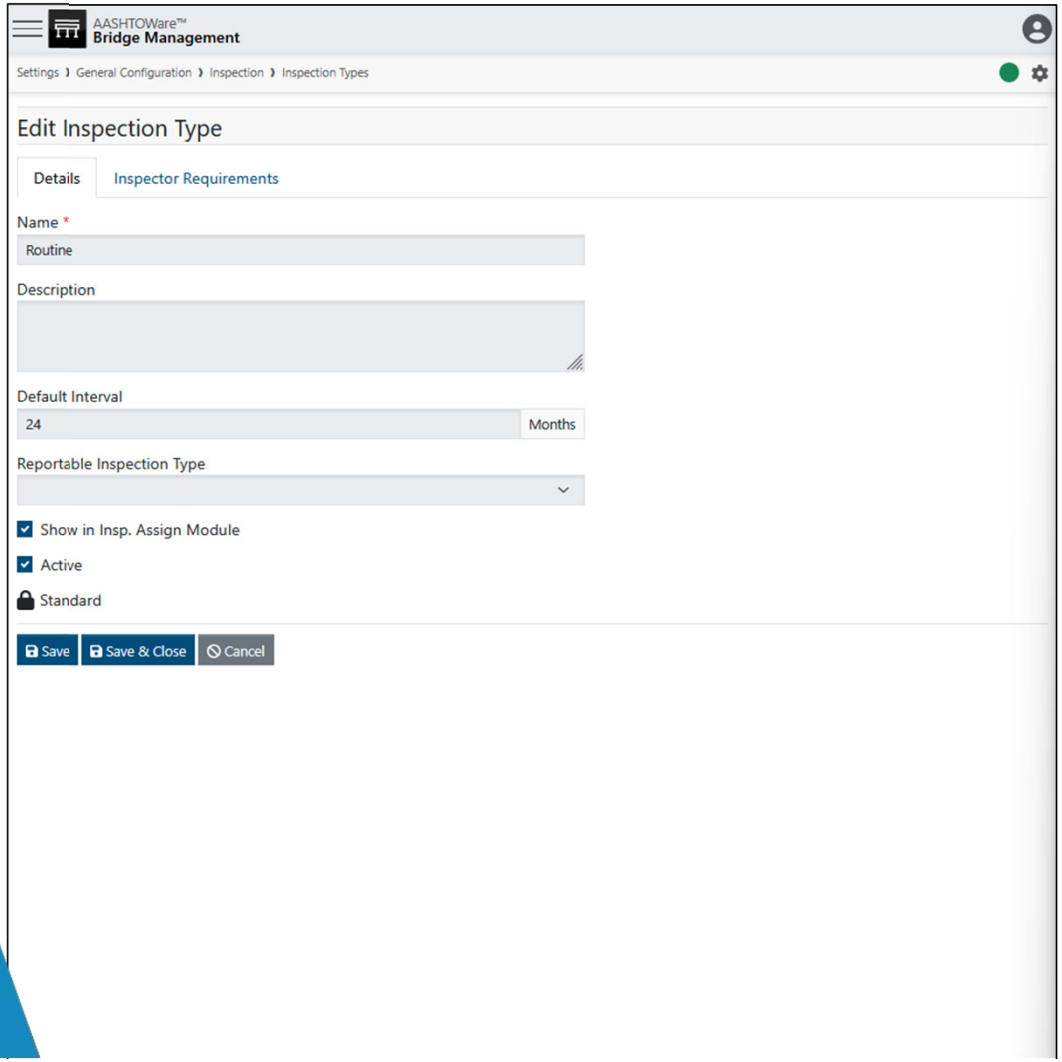
Schedule



Use Case Examples:

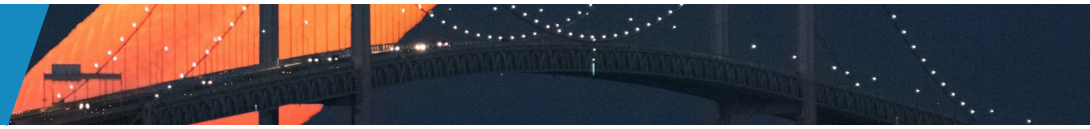
- Routine vs. Routine Crane vs. Routine Complex
- Follow Up inspections
- Load Ratings as an inspection type
- Cross Sections as an inspection type
- Think about:
  - Cert needs
  - Equipment needs
  - Procedure needs
  - Screen access
  - Assigned vs. Ad hoc
  - Report requirements (like signatures)

Schedule



Optional Roll-up to Reportable Insp Type

Schedule



AASHTOWare™ Bridge Management

Bridges › Inspection › Schedule

Bridge ID *
00000000000100

Inspection *
09/10/2020 (XYDR)

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

LastName588, Name588 | mm / dd / yyyy | mm / dd / yyyy

Inspection Data Update Date (B.IE.10)
mm / dd / yyyy

Bridge Group
[DEAD] FIX PARAM VALUES

Admin Area
[-1] FIX PARAM VALUES

Inspection Needs

NSTM Inspection Required (B.IR.01)
N NSTM inspection not required

Fatigue Details (B.IR.02)

Complex Features (B.IR.04)

Underwater Inspection Required (B.IR.03)

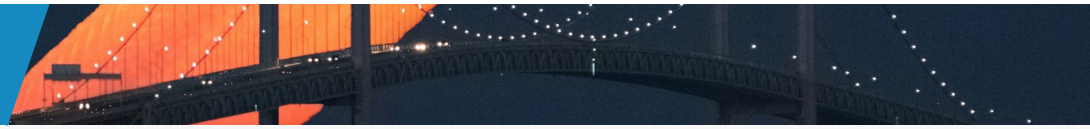
Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Completion Date (B.IE.03)	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignme
Damage	☐	☐							
In-Depth	☐	☐							
Initial	☐	☐							
NSTM	☐	☐		01/01/1901			01/01/1901		
Routine	☑	☐		05/22/2020	1 Method 1	24	05 / 22 / 2022		
Scour Monitoring	☐	☐							
Service	☐	☐							
ecial	☑	☑	LastName726, Na	09/10/2020	1 Method 1	12	05 / 22 / 2021		
erwater	☐	☐		01/01/1901			01/01/1901		

Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™ BRIDGE MANAGEMENT

Schedule



NSTM Inspection Required (B.IR.01)

N NSTM inspection not required

Fatigue Details (B.IR.02)

Underwater Inspection Required (B.IR.03)

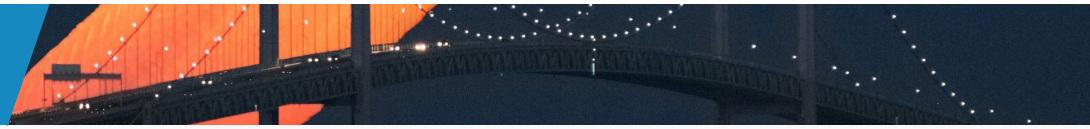
Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Completion Date (B.IE.03)	Interval Method (B.IE.07)	Inte
Damage	☐	☐				
In-Depth	☐	☐				
Initial	☐	☐				
NSTM	☐	☐		01/01/1901		
Routine	☑	☐		05/22/2020	1 Method 1	24
Scour Monitoring	☐	☐				
Service	☐	☐				
Special	☑	☑	LastName726, Na	09/10/2020	1 Method 1	12
Underwater	☐	☐		01/01/1901		

ave | Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™ BRIDGE MANAGEMENT

Schedule



NSTM Inspection Required (B.IR.01)

N NSTM inspection not required

Fatigue Details (B.IR.02)

Underwater Inspection Required (B.IR.03)

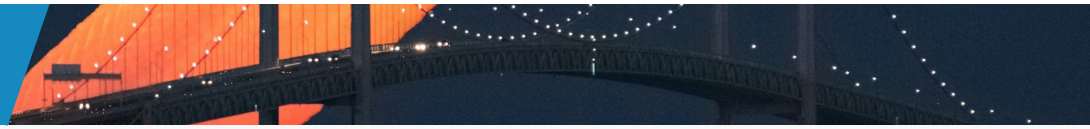
Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Completion Date (B.IE.03)	Interval Method (B.IE.07)	Inte
Damage	☐	☐				
In-Depth	☐	☐				
Initial	☐	☐				
NSTM	☐	☐		01/01/1901		
Routine	☑	☐		05/22/2020	1 Method 1	24
Scour Monitoring	☐	☐				
Service	☐	☐				
Special	☑	☑	LastName726, Na	09/10/2020	1 Method 1	12
Underwater	☐	☐		01/01/1901		

ave | Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™ BRIDGE MANAGEMENT

Schedule



NSTM Inspection Required (B.IR.01)

N NSTM inspection not required

Fatigue Details (B.IR.02)

Underwater Inspection Required (B.IR.03)

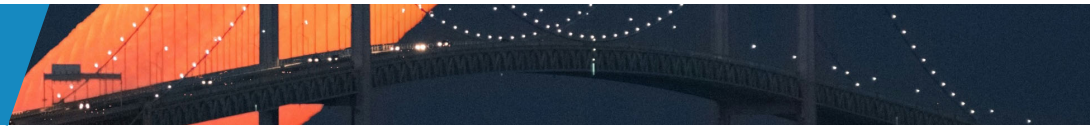
Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Completion Date (B.IE.03)	Interval Method (B.IE.07)	Inte
Damage	☐	☐				
In-Depth	☐	☐				
Initial	☐	☐				
NSTM	☐	☐		01/01/1901		
Routine	☑	☐		05/22/2020	1 Method 1	24
Scour Monitoring	☐	☐				
Service	☐	☐				
Special	☑	☑	LastName726, Na	09/10/2020	1 Method 1	12
Underwater	☐	☐		01/01/1901		

ave | Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™ BRIDGE MANAGEMENT

Schedule



Underwater Inspection Required (B.IR.03)

Schedule

Scour Monitoring	☐	☐				
Service	☐	☐				
Special	☑	☑		09/10/2020	1 Method 1	12
Underwater	☐	☐		01/01/1901		

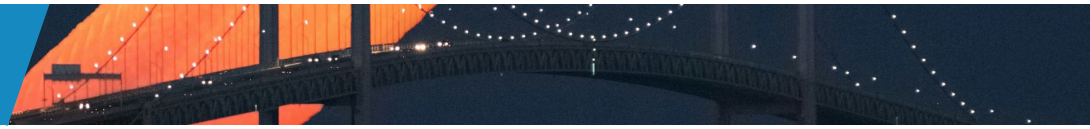
Boyle, Zachary
Murata, Kevin
LastName8, Nam...
LastName9, Nam...
LastName106, N...
LastName232, N...
LastName296, N...
LastName407, N...
LastName441, N...
LastName524, N...
LastName564, N...

Save | Save & Close | Cancel | Delete Bridge Inspection

ubmit for Review

AASHTOWare™ BRIDGE MANAGEMENT

Schedule



Underwater Inspection Required (B.IR.03)

Schedule

Scour Monitoring	☐	☐			
Service	☐	☐			
Special	☑	☑		09/10/2020	1 Method 1 / 12
Underwater	☐	☐		01/01/1901	

Boyle, Zachary
Murata, Kevin
LastName8, Nam...
LastName9, Nam...
LastName106, N...
LastName232, N...
LastName296, N...
LastName407, N...
LastName441, N...
LastName524, N...
LastName564, N...

To be on this list:

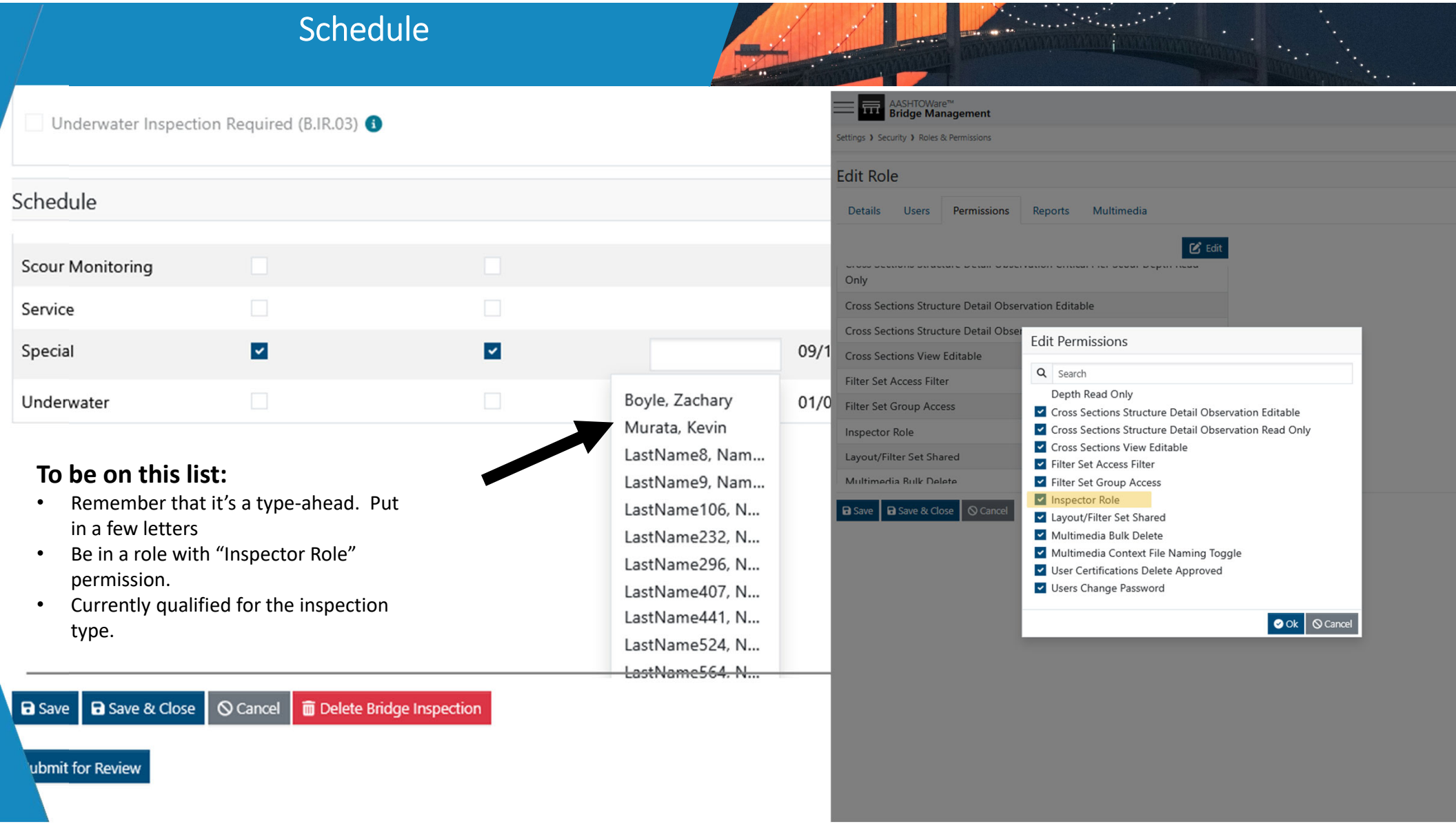
- Remember that it's a type-ahead. Put in a few letters
- Be in a role with "Inspector Role" permission.
- Currently qualified for the inspection type.

Save | Save & Close | Cancel | Delete Bridge Inspection

ubmit for Review

AASHTOWare BRIDGE MANAGEMENT

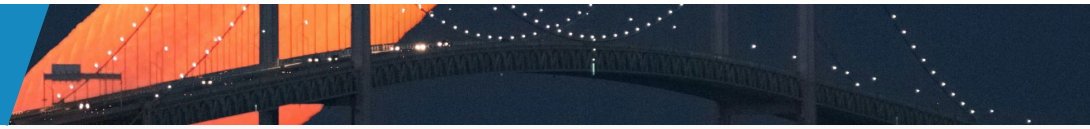
Schedule



To be on this list:

- Remember that it's a type-ahead. Put in a few letters
- Be in a role with "Inspector Role" permission.
- Currently qualified for the inspection type.

Schedule



NSTM Inspection Required (B.IR.01)

N NSTM inspection not required

Complex Features (B.IR.04)

Underwater Inspection Required (B.IR.03)

Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Ass
Damage	☐	☐				
In-Depth	☐	☐				
Initial	☐	☐				
NSTM	☐	☐			01/01/1901	
Routine	☑	☐	1 Method 1	24	05 / 22 / 2022	
Scour Monitoring	☐	☐				
Service	☐	☐				
Special	☑	☑	1 Method 1	12	05 / 22 / 2021	
Underwater	☐	☐			01/01/1901	

ave | Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™ BRIDGE MANAGEMENT

Schedule

NSTM Inspection Required (B.IR.01)

N NSTM inspection not required

Complex Featu

Underwater Inspection Required (B.IR.03)

Schedule

Inspection Type	Required for Bridge	Inspection Being Perf	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection
Damage	☐	☐			
In-Depth	☐	☐			
Initial	☐	☐			
NSTM	☐	☐			01/01/1901
Routine	☑	☐	1 Method 1	24	05 / 22 / 202
Scour Monitoring	☐	☐			
Service	☐	☐			
Special	☑	☑	1 Method 1	12	05 / 22 / 202
Underwater	☐	☐			01/01/1901

ave | Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™
Bridge Management

Settings › General Configuration › Inspection › Inspection Types

Edit Inspection Type

Details | Inspector Requirements

Name *
Routine

Description

Default Interval
24 Months

Reportable Inspection Type

☑ Show in Insp. Assign Module
☑ Active
Standard

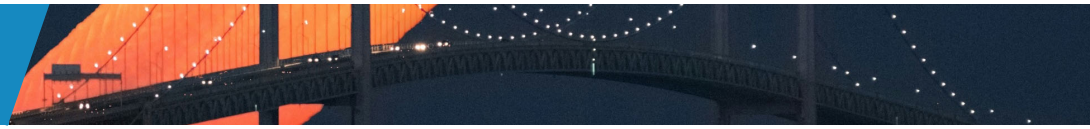
Save | Save & Close | Cancel

AASHTOWare™ BRIDGE MANAGEMENT

AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan

Inspection Plan



AASHTOWare™ Bridge Management

Bridges › Inspection › Inspection Plan

Bridge ID *
0000000000000100

Inspection *
09/10/2020 (XYDR)

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

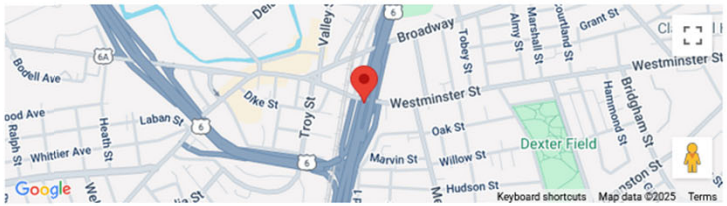
Inspection Plan

Parking Location

Latitude
41.815856

Longitude
-71.439158

Parking Notes



Inspection Procedures

Search

Complete	Type 1	Name 2	Inspection Type	Details
No records to display.				

Procedure Notes

Inspection Plan

FacCar 644

Inspection Plan

Parking Location

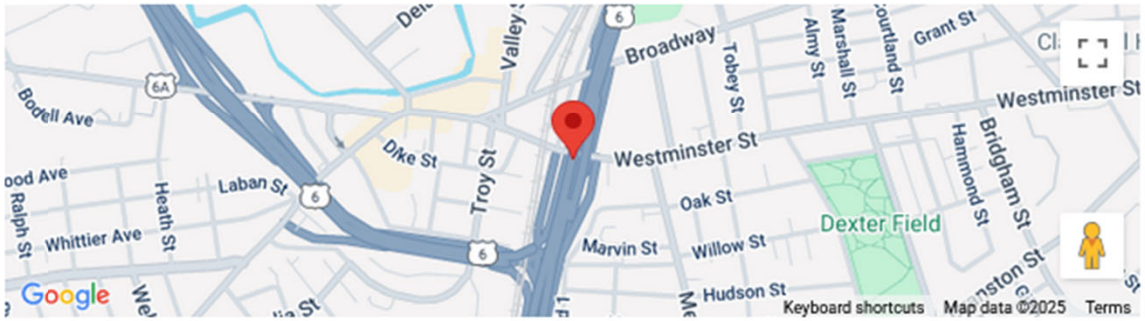
Latitude

41.815856

Longitude

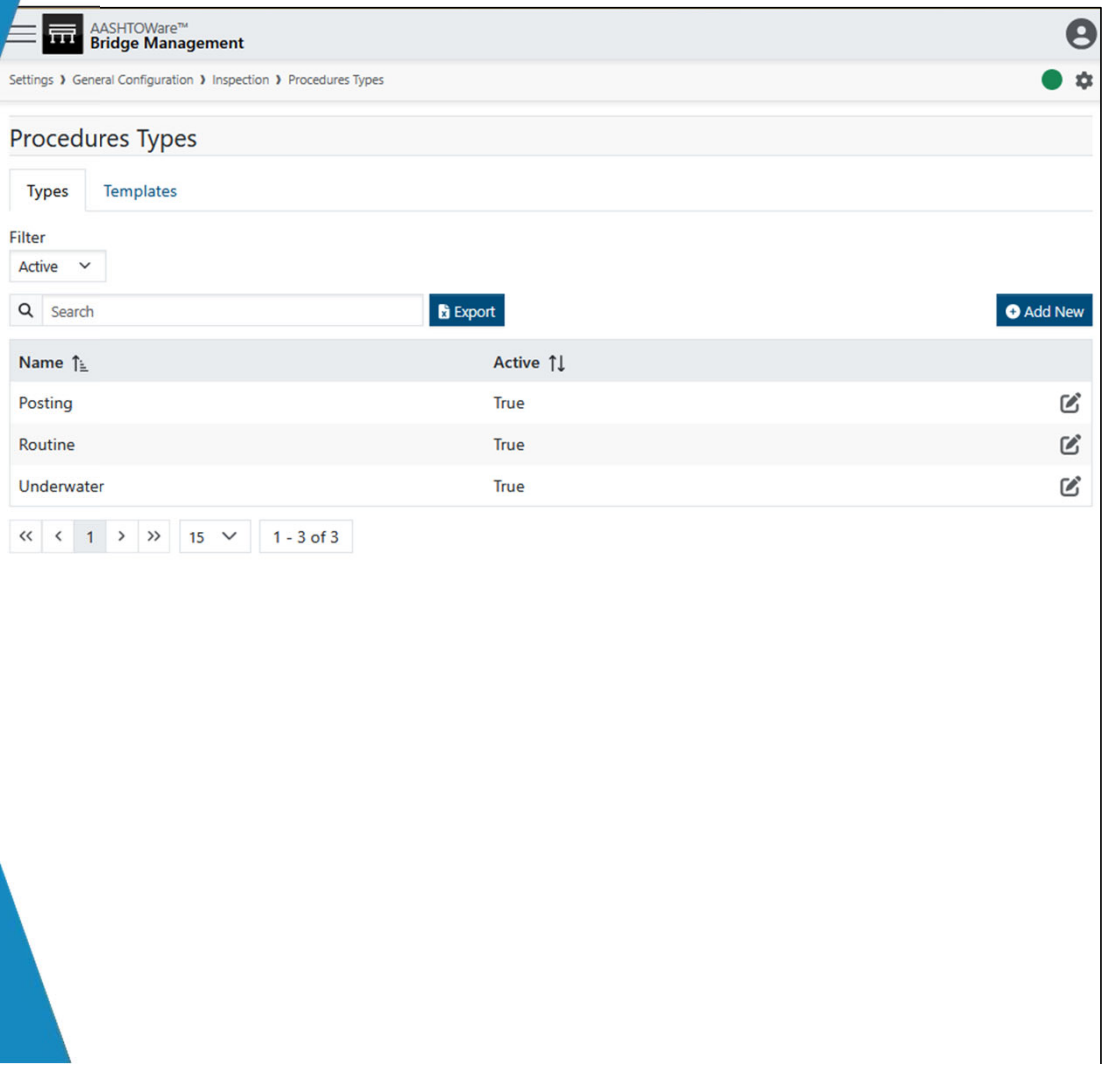
-71.439158

Parking Notes



Inspection Procedures

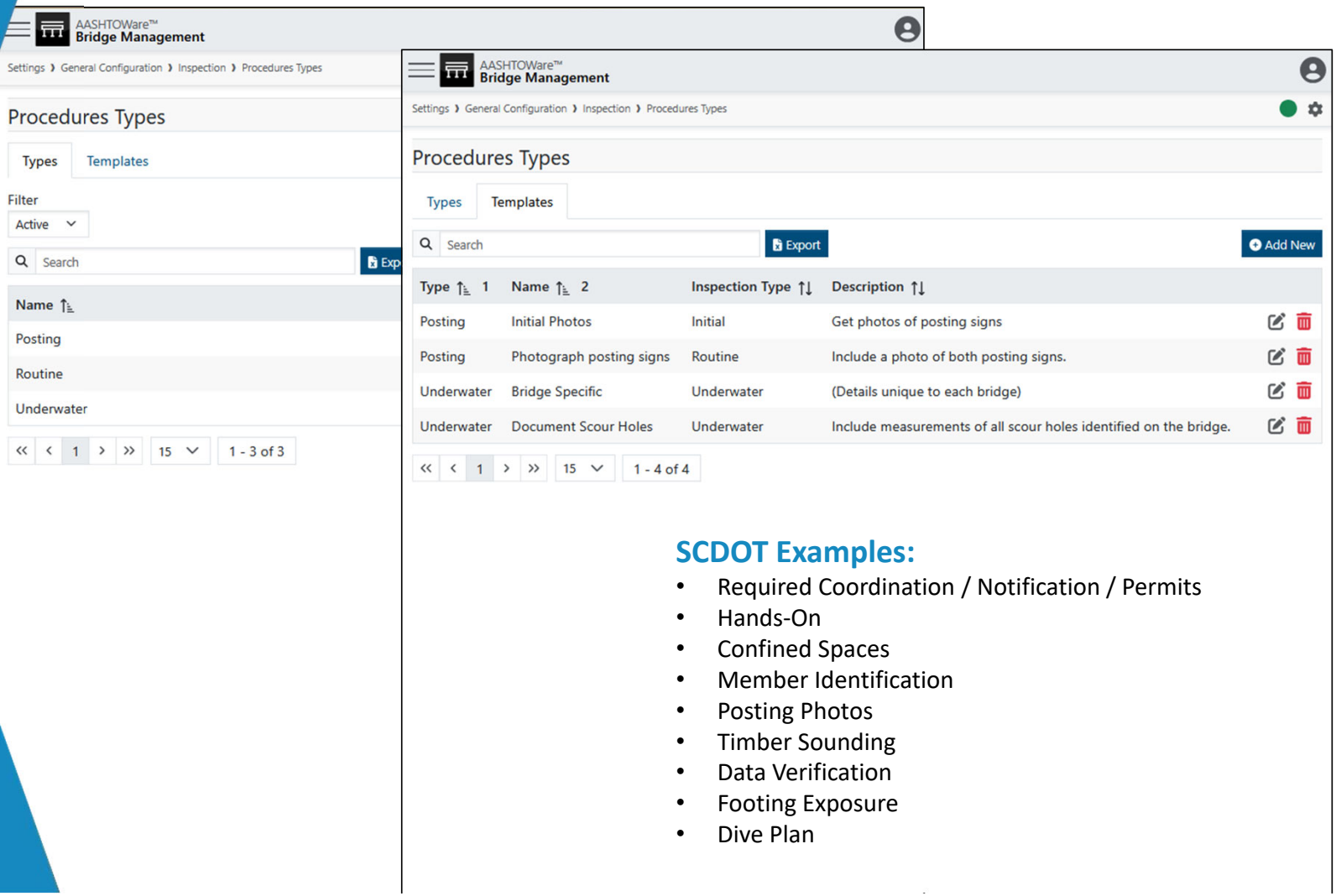
Inspection Plan



SCDOT Examples:

- FHWA (for particular asset ID's)
- In-Depth
- In-Depth Fatigue
- In-Depth Timber
- In-Depth Timber UW
- Initial UW
- Long-Span / Multi-Span
- NSTM
- Routine
- SCDOT Bridge Insp Guide Doc
- Special
- Underwater

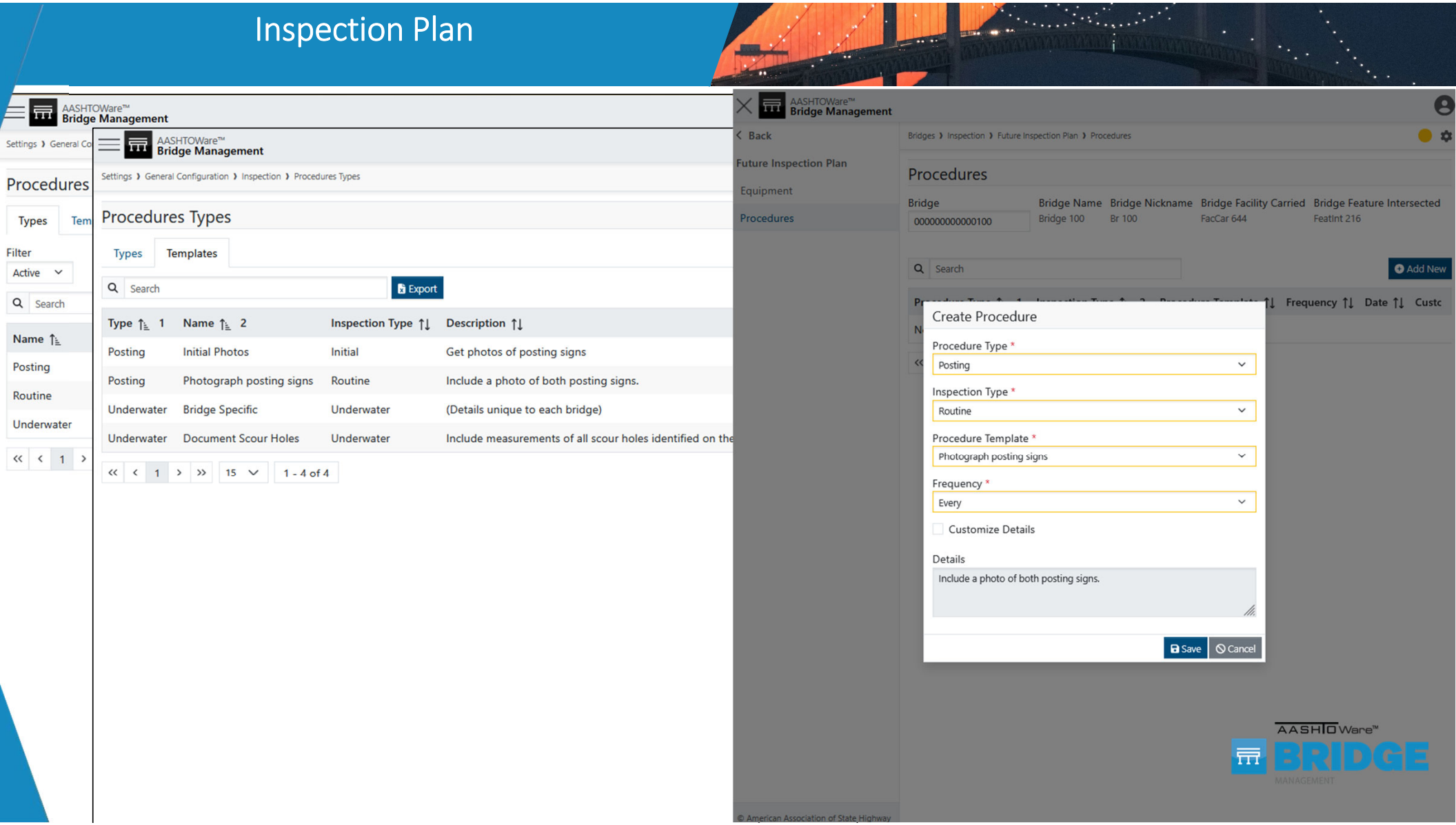
Inspection Plan



SCDOT Examples:

- Required Coordination / Notification / Permits
- Hands-On
- Confined Spaces
- Member Identification
- Posting Photos
- Timber Sounding
- Data Verification
- Footing Exposure
- Dive Plan

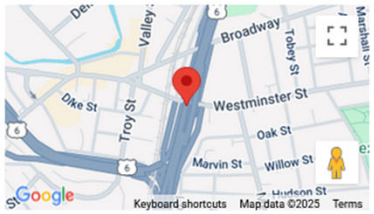
Inspection Plan



Inspection Plan

Facility Carried
FacCar 644

Parking Notes



Inspection Procedures

Search | Export

Complete	Type 1	Name 2	Inspection Type	Details
☐	Posting	Photograph posting signs	Routine	Include a photo of both posting signs.

Procedure Notes

Equipment Used in This Inspection

Initial Equipment

Add From Previous | Add New

Name	Hours	Bridge-Level Equipment Detail
No records to display.		

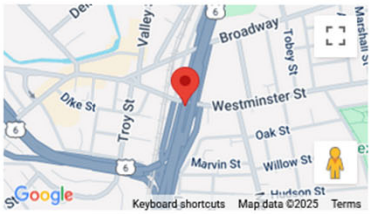
Routine Equipment

AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan

Facility Carried
FacCar 644

Parking Notes



Inspection Procedures

Search | Export

Complete	Type 1	Name 2	Inspection Type	Details
☐	Posting	Photograph posting signs	Routine	Include a photo of both posting sig

Procedure Notes

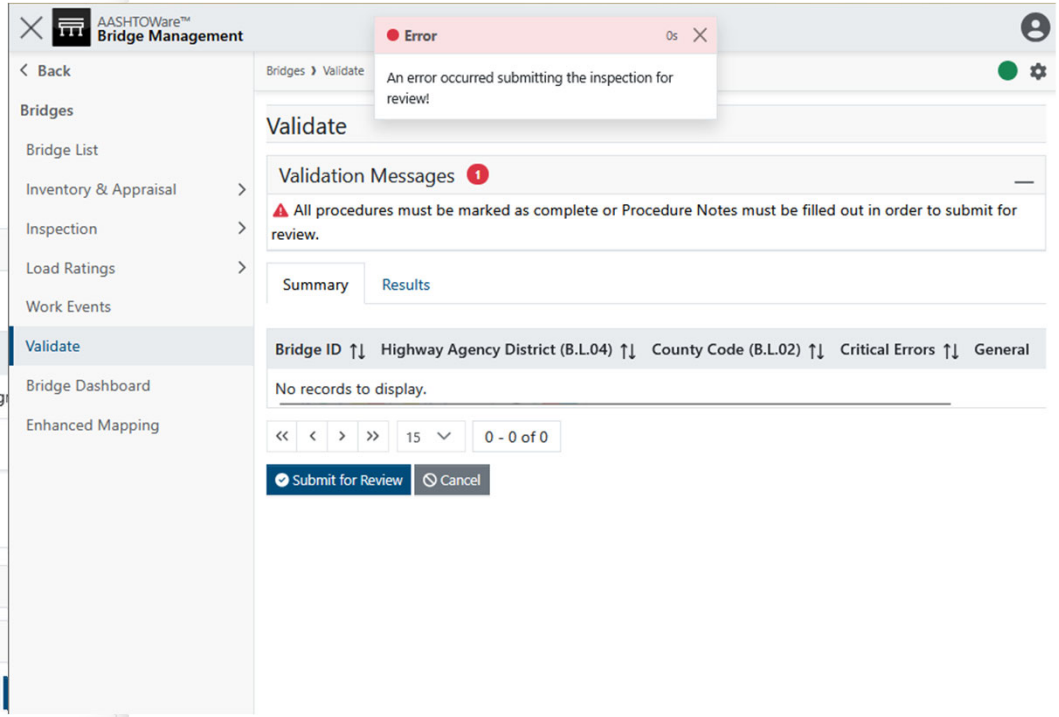
Equipment Used in This Inspection

Initial Equipment

Add From Previous

Name	Hours	Bridge-Level Equipment Detail
No records to display.		

tine Equipment



AASHTOWare™ BRIDGE MANAGEMENT

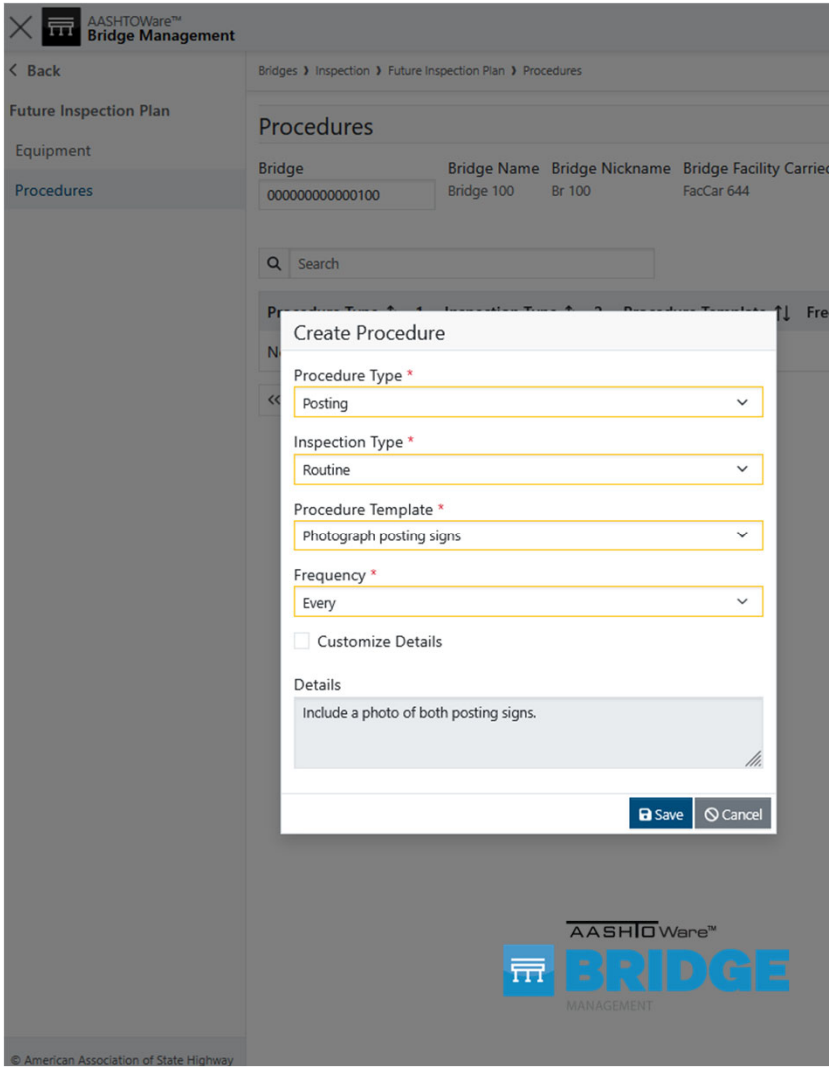
Inspection Plan

Use Example 1:

- See bridge specific inspection procedure included in the multimedia folder

Use Example 2:

- Inspect Pin & Hanger assembly with ultrasonic testing.
- Inspect truss bottom chord 1 at arms' length.
- Inspect truss bottom chord 2 at arm's length



Inspection Plan

000000000000100

08/18/2025 (ZWUX)

FeatInt 216

Facility Carried

FacCar 644

Search

Export

Complete	Type 1	Name 2	Inspection Type	Details
☐	Posting	Photograph posting signs	Routine	Include a photo of both posting signs.

Procedure Notes

Equipment Used in This Inspection

Initial Equipment

Add From Previous | Add New

Name	Hours	Bridge-Level Equipment Detail
No records to display.		

Routine Equipment

Add From Previous | Add New

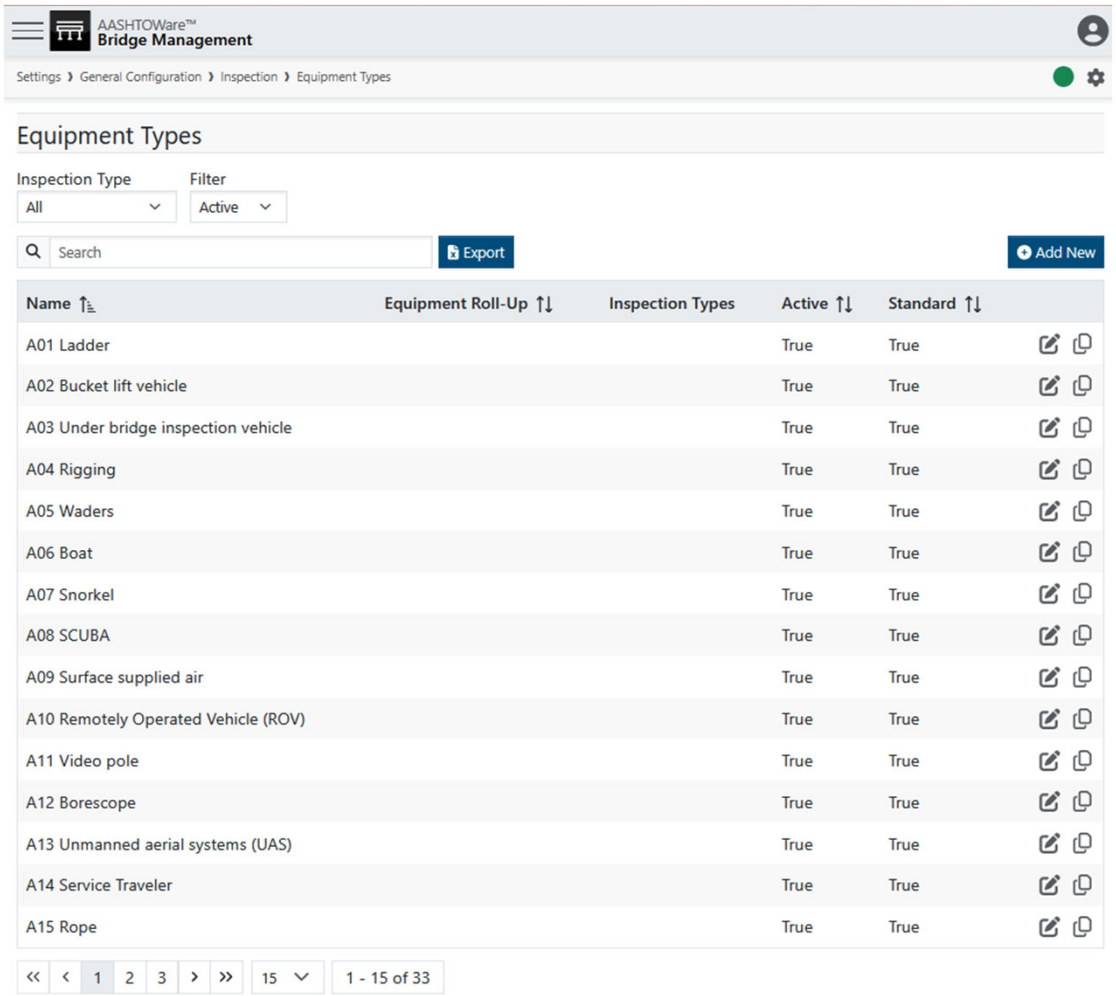
Name	Hours	Bridge-Level Equipment Detail
No records to display.		

Equipment Notes

Save | Save & Close | Cancel | Delete Bridge Inspection

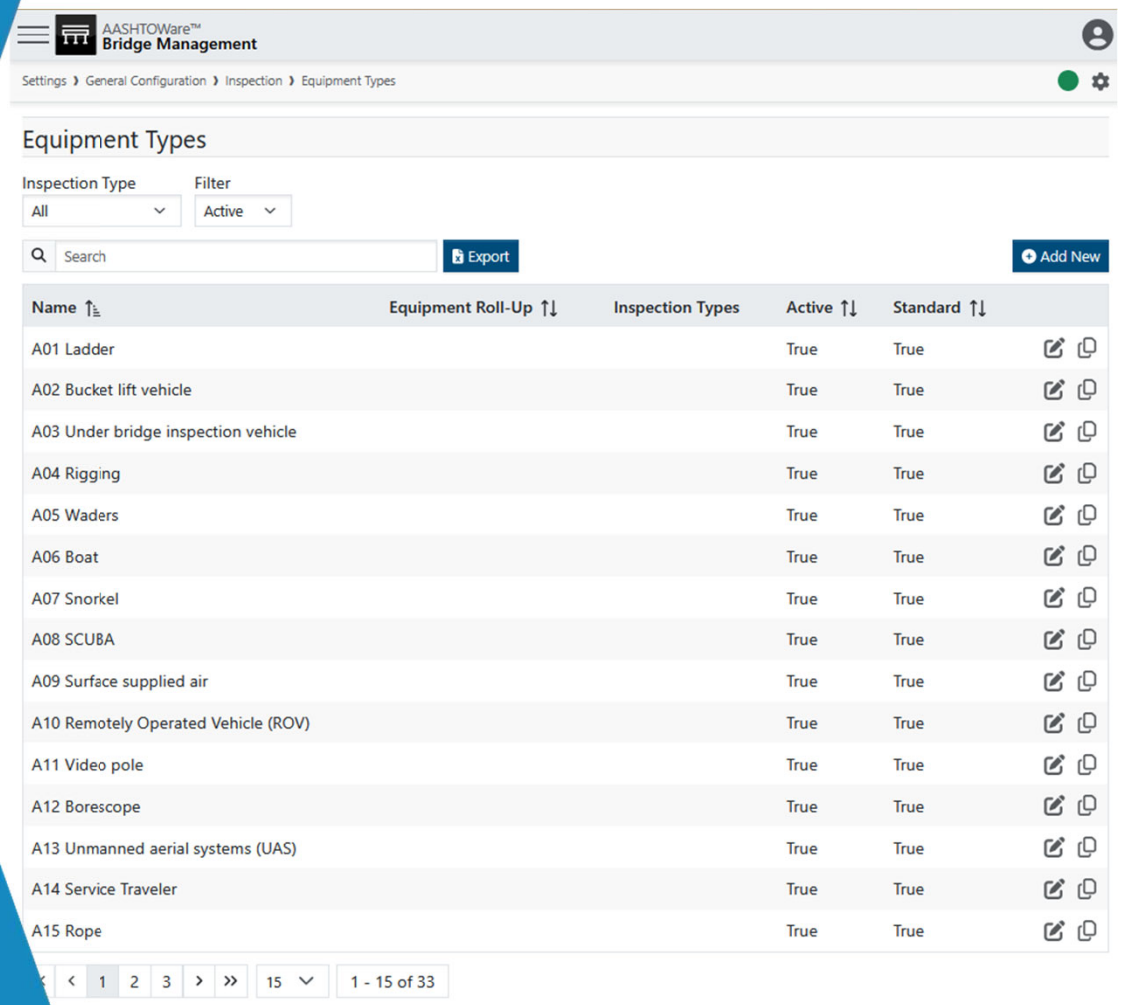
AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan



AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan



ALDOT Examples:

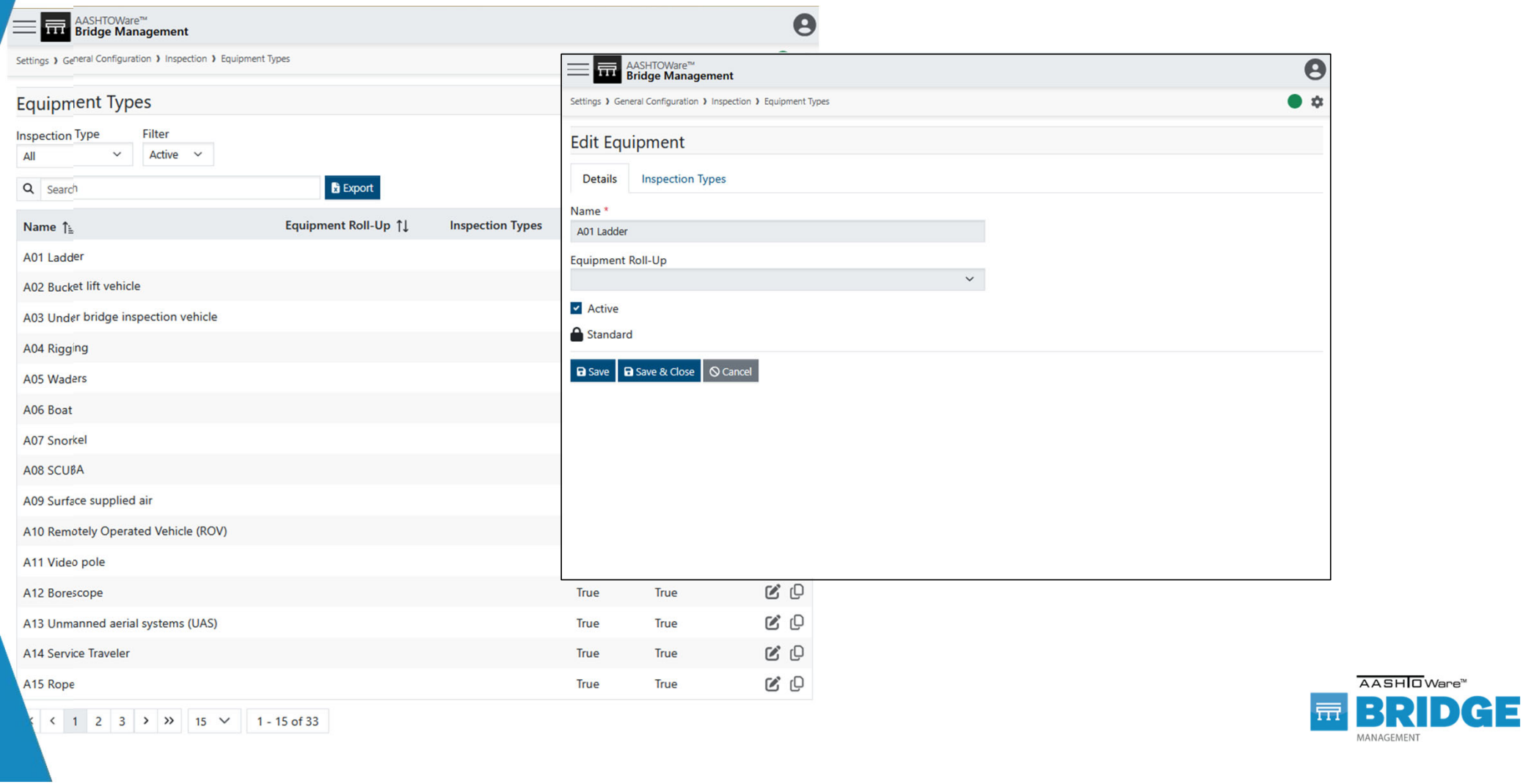
- AX Other
  - AX ATV

RIDOT Examples:

- A02 Bucket lift vehicle
  - A02 Aerial Lift
  - A02 Rail Mount Bucket Truck
  - A02 Rail Mount Elliot
- A04 Rigging
  - A04 Boatswain Chair
  - A04 Scaffolding
- A06 Boat
  - A06 Float
- AX Other
  - AX Air Monitor
  - AX Crash Truck
  - AX Light Tower

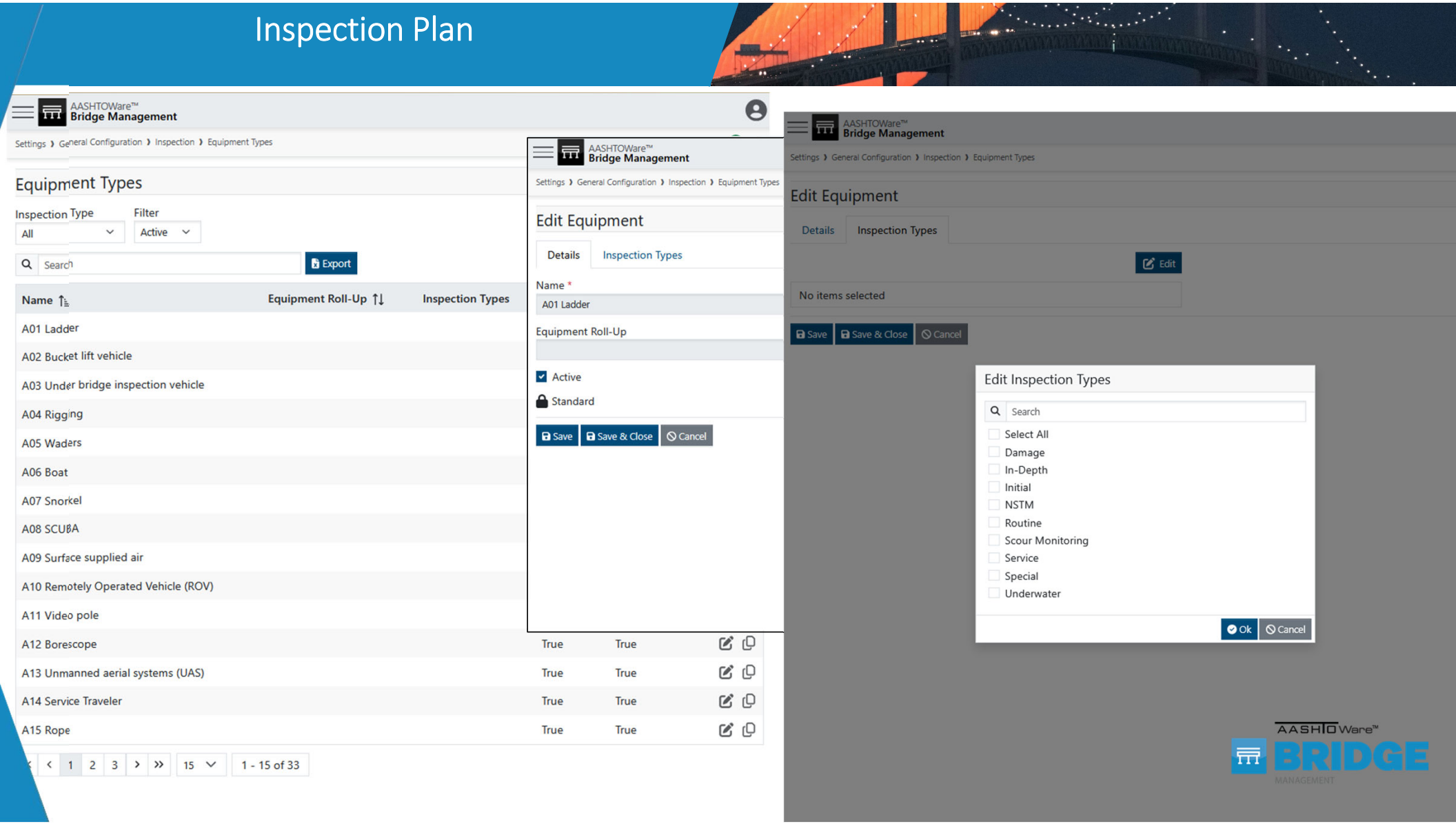
AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan



AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan



Inspection Plan

AASHTOWare™ Bridge Management

Settings › General Configuration › Inspection › Equipment Types

Equipment Types

Inspection Type: All | Filter: Active

Search | Export | Add New

Name	Equipment Roll-Up	Inspection Types
A01 Ladder		Damage, In-Depth, Initial, NSTM, Routine, Scour Monitoring, Service, Sp
A02 Bucket lift vehicle		Damage, In-Depth, Initial, NSTM, Routine, Scour Monitoring, Service, Sp
A03 Under bridge inspection vehicle		Damage, In-Depth, Initial, NSTM, Routine, Scour Monitoring, Service, Sp
A04 Rigging		Damage, In-Depth, Initial, NSTM, Routine, Scour Monitoring, Service, Sp
A05 Waders		Special, Underwater
A06 Boat		Special, Underwater
A07 Snorkel		Special, Underwater
A08 SCUBA		Special, Underwater
A09 Surface supplied air		Special, Underwater
A10 Remotely Operated Vehicle (ROV)		Damage, In-Depth, Initial, NSTM, Routine, Scour Monitoring, Service, Sp
A11 Video pole		Damage, In-Depth, Initial, NSTM, Routine, Scour Monitoring, Service, Sp
A12 Borescope		
A13 Unmanned aerial systems (UAS)		
A14 Service Traveler		
A15 Rope		

« ‹ 1 2 3 › » | 15 | 1 - 15 of 33

AASHTOWare™ Bridge Management

Bridges › Inspection › Inspection Plan

Bridge ID * 00000000000100 | Inspection * 08/18/2025 (ZWUX) | Feature Intersected FeatInt 216

Facility Carried FacCar 644

Search | Export

Complete	Type 1	Name 2	Inspection Type	Details
☐	Posting	Photograph posting signs	Routine	Include a photo of both posting signs.

Procedure Notes

Equipment Used in This Inspec

Initial Equipment — Add From Previous | Add New

Name
No records to display.

Routine Equipment — Add From Previous | Add New

Name	Hours	Bridge-Level Equipment Detail
No records to display.		

Equipment Notes

Create Equipment

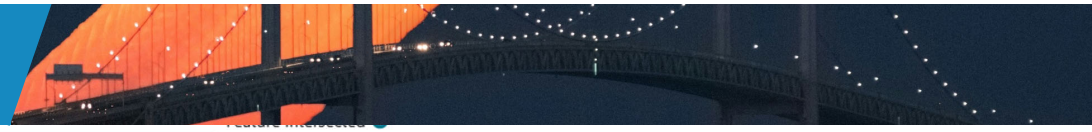
Search

- ☐ Select All
- ☐ A01 Ladder
- ☐ A02 Bucket lift vehicle
- ☐ A03 Under bridge inspection vehicle
- ☐ A04 Rigging
- ☐ A10 Remotely Operated Vehicle (ROV)
- ☐ A11 Video pole

Save | Cancel

AASHTOWare™ BRIDGE MANAGEMENT

Inspection Plan



00000000000100

08/18/2025 (ZWUX)

FeatInt 216

Facility Carried

FacCar 644

Complete	Type 1	Name 2	Inspection Type	Details
☐	Posting	Photograph posting signs	Routine	Include a photo of both posting signs.

Procedure Notes

Equipment Used in This Inspection

Initial Equipment

Export | Add From Previous | Add New

Name	Hours	Bridge-Level Equipment Detail
A01 Ladder		

Routine Equipment

Export | Add From Previous | Add New

Name	Hours	Bridge-Level Equipment Detail
A10 Remotely Operated Vehicle (ROV)		
A11 Video pole		

Equipment Notes

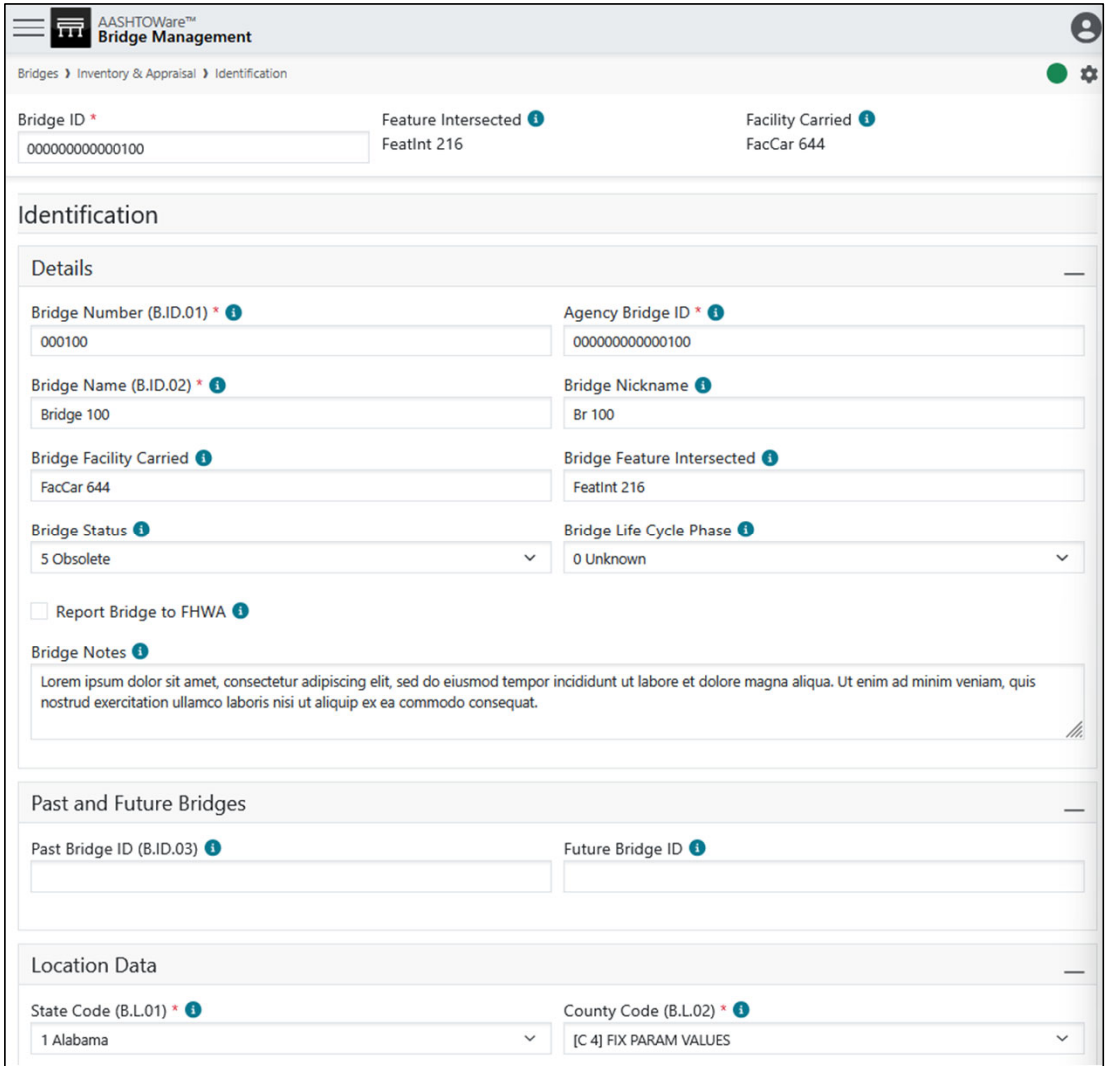
Save | Save & Close | Cancel | Delete Bridge Inspection

AASHTOWare™ BRIDGE MANAGEMENT

AASHTOWare™ BRIDGE MANAGEMENT

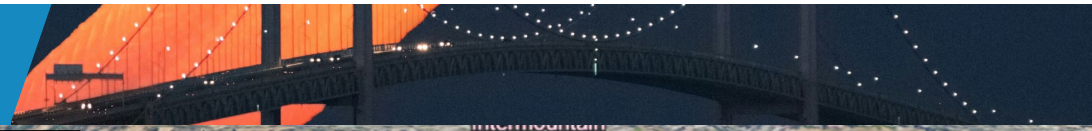
Inventory

Inventory



AASHTOWare™ BRIDGE MANAGEMENT

Inventory



AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Identification

Details

Bridge Number (B.ID.01) *
000100

Agency Bridge ID *
000000000000100

Bridge Name (B.ID.02) *
Bridge 100

Bridge Nickname
Br 100

Bridge Facility Carried
FacCar 644

Bridge Feature Intersected
FeatInt 216

Bridge Status
5 Obsolete

Bridge Life Cycle Phase
0 Unknown

Report Bridge to FHWA

Bridge Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

ocation Data

e Code (B.L.01) *
abama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

Inventory

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Identification

Details

Bridge Number (B.ID.01) *
000100

Agency Bridge ID *
000000000000100

Bridge Name (B.ID.02) *
Bridge 100

Bridge Nickname
Br 100

Bridge Facility Carried
FacCar 644

Bridge Feature Intersected
FeatInt 216

Bridge Status
5 Obsolete

Bridge Life Cycle Phase
0 Unknown

Report Bridge to FHWA

Bridge Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

ocation Data

e Code (B.L.01) *
abama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

Inventory

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *	Feature Intersected	Facility Carried
000000000000100	FeatInt 216	FacCar 644

Identification

Details

Bridge Number (B.ID.01) *	Agency Bridge ID *
000100	000000000000100
Bridge Name (B.ID.02) *	**Bridge Nickname**
Bridge 100	Br 100
Bridge Facility Carried	**Bridge Feature Intersected**
FacCar 644	FeatInt 216
Bridge Status	**Bridge Life Cycle Phase**
5 Obsolete	0 Unknown

☐ Report Bridge to FHWA

Bridge Notes

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Past and Future Bridges

Past Bridge ID (B.ID.03)	Future Bridge ID

Location Data

State Code (B.L.01) *	County Code (B.L.02) *
1 Alabama	[C 4] FIX PARAM VALUES

AASHTOWare™ BRIDGE MANAGEMENT

Inventory

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *	Feature Intersected	Facility Carried
000000000000100	FeatInt 216	FacCar 644

Identification

Details

Bridge Number (B.ID.01) *	Agency Bridge ID *
000100	000000000000100
Bridge Name (B.ID.02) *	**Bridge Nickname**
Bridge 100	Br 100
Bridge Facility Carried	Bridge Feature Intersected
FacCar 644	FeatInt 216
Bridge Status	Bridge Life Cycle Phase
5 Obsolete	0 Unknown

☐ Report Bridge to FHWA

Bridge Notes

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Past and Future Bridges

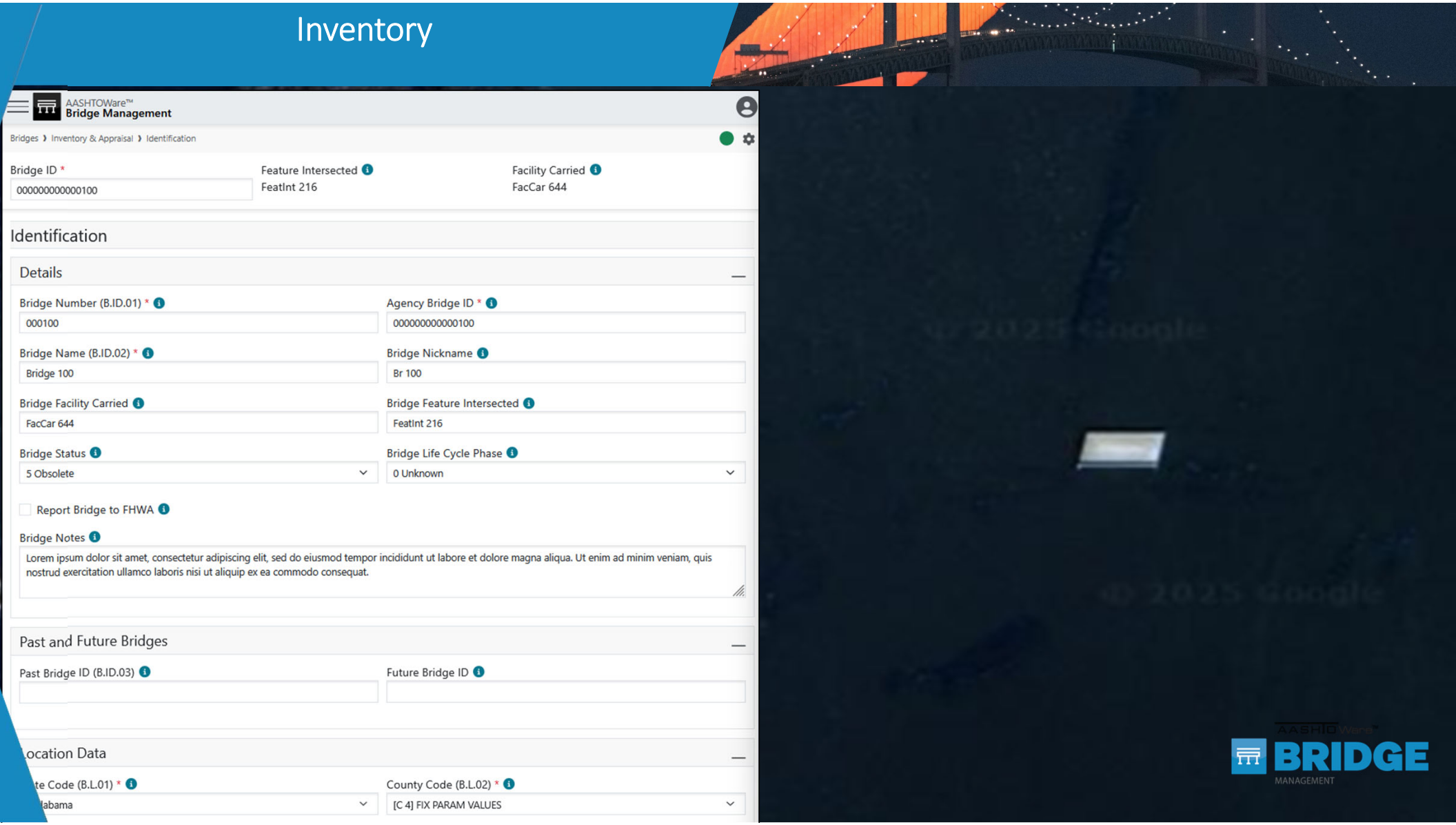
Past Bridge ID (B.ID.03)	Future Bridge ID

Location Data

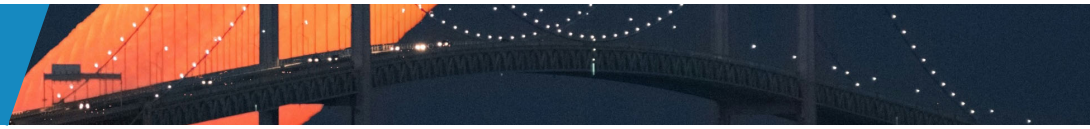
State Code (B.L.01) *	County Code (B.L.02) *
1 Alabama	[C 4] FIX PARAM VALUES

AASHTOWare™ BRIDGE MANAGEMENT

Inventory


AASHTOWare™
Bridge Management
Bridges › Inventory & Appraisal › Identification
Bridge ID *
000000000000100
Feature Intersected
FeatInt 216
Facility Carried
FacCar 644
Identification
Details
Bridge Number (B.ID.01) *
000100
Agency Bridge ID *
000000000000100
Bridge Name (B.ID.02) *
Bridge 100
Bridge Nickname
Br 100
Bridge Facility Carried
FacCar 644
Bridge Feature Intersected
FeatInt 216
Bridge Status
5 Obsolete
Bridge Life Cycle Phase
0 Unknown
Report Bridge to FHWA
Bridge Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
Past and Future Bridges
Past Bridge ID (B.ID.03)
Future Bridge ID
ocation Data
te Code (B.L.01) *
labama
County Code (B.L.02) *
[C 4] FIX PARAM VALUES
AASHTOWare
BRIDGE
MANAGEMENT

Inventory



AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Identification

Details

Bridge Number (B.ID.01) *
000100

Agency Bridge ID *
000000000000100

Bridge Name (B.ID.02) *
Bridge 100

Bridge Nickname
Br 100

Bridge Facility Carried
FacCar 644

Bridge Feature Intersected
FeatInt 216

Bridge Status
5 Obsolete

Bridge Life Cycle Phase
0 Unknown

Report Bridge to FHWA

Bridge Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

ocation Data

te Code (B.L.01) *
labama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

AASHTOWare™ BRIDGE MANAGEMENT

Inventory

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Identification

Details

Bridge Number (B.ID.01) *
000100

Agency Bridge ID *
000000000000100

Bridge Name (B.ID.02) *
Bridge 100

Bridge Nickname
Br 100

Bridge Facility Carried
FacCar 644

Bridge Feature Intersected
FeatInt 216

Bridge Status
5 Obsolete

Bridge Life Cycle Phase
0 Unknown

Report Bridge to FHWA

Bridge Notes
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Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

Location Data

State Code (B.L.01) *
1 Alabama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

AASHTOWare™ BRIDGE MANAGEMENT

Inventory

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *
00000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Identification

Details

Bridge Number (B.ID.01) *
000100

Agency Bridge ID *
00000000000100

Bridge Name (B.ID.02) *
Bridge 100

Bridge Nickname
Br 100

Bridge Facility Carried
FacCar 644

Bridge Feature Intersected
FeatInt 216

Bridge Status
5 Obsolete

Bridge Life Cycle Phase
0 Unknown

Report Bridge to FHWA

Bridge Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

Location Data

State Code (B.L.01) *
1 Alabama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

AASHTOWare™ BRIDGE MANAGEMENT

Inventory

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Identification

Bridge ID *
00000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Identification

Details

Bridge Number (B.ID.01) *
000100

Agency Bridge ID *
00000000000100

Bridge Name (B.ID.02) *
Bridge 100

Bridge Nickname
Br 100

Bridge Facility Carried
FacCar 644

Bridge Feature Intersected
FeatInt 216

Bridge Status
5 Obsolete

Bridge Life Cycle Phase
0 Unknown

Report Bridge to FHWA

Bridge Notes
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

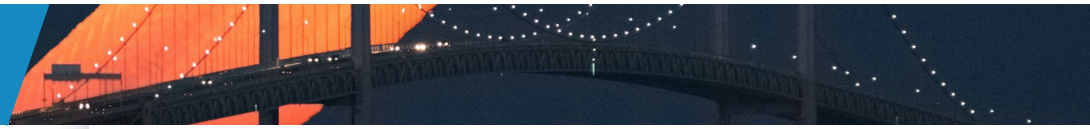
Location Data

State Code (B.L.01) *
1 Alabama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

AASHTOWare™ BRIDGE MANAGEMENT

Inventory



Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

Location Data

State Code (B.L.01) *
1 Alabama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

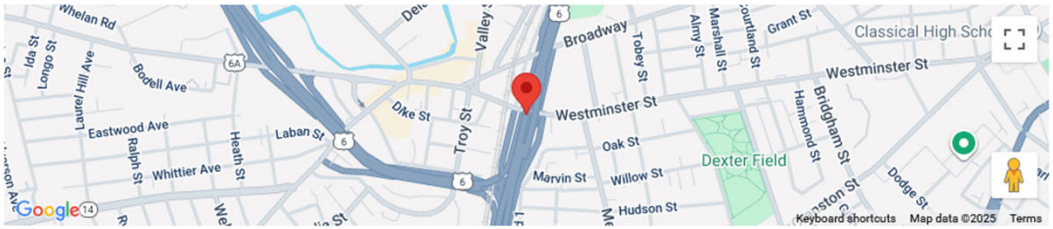
Place Code (B.L.03)
[22] FIX PARAM VALUES

Highway Agency District (B.L.04) *
Name 4

Metro Planning Org 1 (B.L.12)

Metro Planning Org 2 (B.L.12)

Location



Export

Add New

Type	Latitude	Longitude	Elevation (ft)	Report for Location B.L.05 and B.L.06	
Beginning of Bridge	41.816028	-71.439677			
End of Bridge	41.815841	-71.438357	125		
Middle of Bridge	41.815856	-71.439158		★	

1 | 15 | 1 - 3 of 3

AASHTOWare BRIDGE MANAGEMENT

Inventory

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

Location Data

State Code (B.L.01) * : 1 Alabama

County Code (B.L.02) * : [C 4] FIX PARAM VALUES

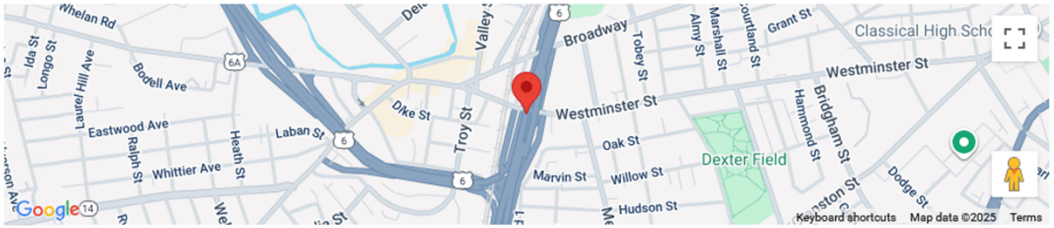
Place Code (B.L.03) : [22] FIX PARAM VALUES

Highway Agency District (B.L.04) * : Name 4

Metro Planning Org 1 (B.L.12)

Metro Planning Org 2 (B.L.12)

Location



Export | Add New

Type	Latitude	Longitude	Elevation (ft)	Report for Location B.L.05 and B.L.06
Beginning of Bridge	41.816028	-71.439677		
End of Bridge	41.815841	-71.438357	125	
Middle of Bridge	41.815856	-71.439158		★

1 | 15 | 1 - 3 of 3

Parameters

Asset/Event | Global Sets

Type: Bridge

Field: StateCode

Order	Value	Name	
1	1	1 Alab	
2	2	2 Alas	
3	4	4 Arizo	
4	5	5 Arka	
5	6	6 Calif	
6	8	8 Colo	
7	9	9 Conn	
8	10	10 Del	
9	11	11 Dis	
10	12	12 Flo	
11	13	13 Georgia	13 Georgia
12	15	15 Hawaii	15 Hawaii
13	16	16 Idaho	16 Idaho
14	17	17 Illinois	17 Illinois
15	18	18 Indiana	18 I
16	19	19 Iowa	19 Iowa
17	20	20 Kansas	20 Kansas

Edit Parameter

Type: Bridge

Field: StateCode

Name *: 1 Alabama

Description: 1 Alabama

Value: 1

Active

Save | Cancel | Delete

AASHTOWare BRIDGE MANAGEMENT

Inventory

Past and Future Bridges

Past Bridge ID (B.ID.03)

Future Bridge ID

Location Data

State Code (B.L.01) * 1 Alabama

County Code (B.L.02) * [C 4] FIX PARAM VALUES

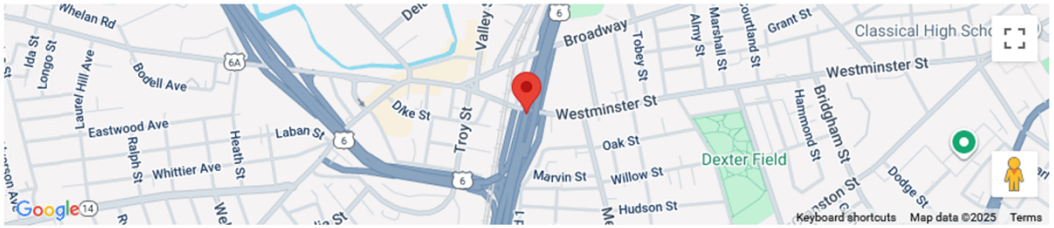
Place Code (B.L.03) [22] FIX PARAM VALUES

Highway Agency District (B.L.04) * Name 4

Metro Planning Org 1 (B.L.12)

Metro Planning Org 2 (B.L.12)

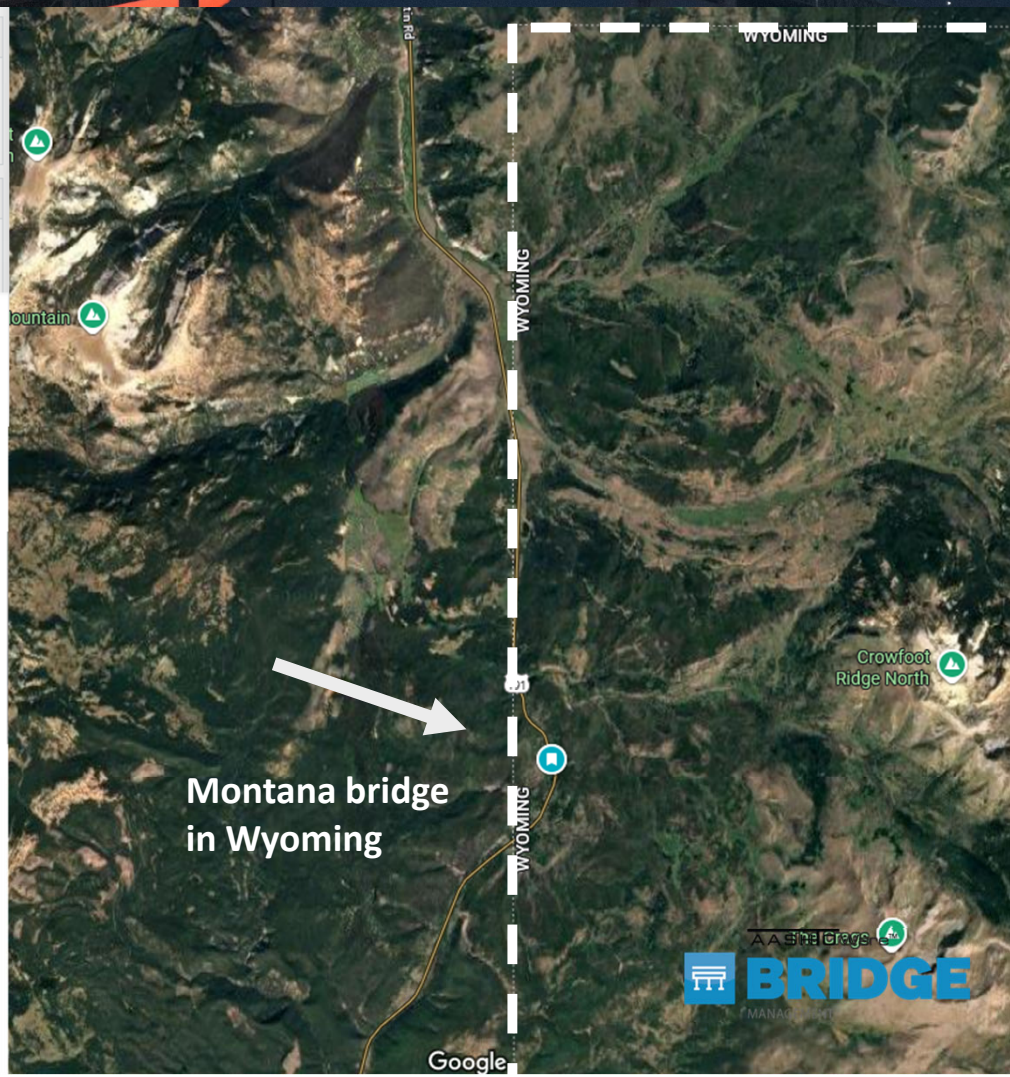
Location



Export | Add New

Type	Latitude	Longitude	Elevation (ft)	Report for Location B.L.05 and B.L.06
Beginning of Bridge	41.816028	-71.439677		
End of Bridge	41.815841	-71.438357	125	
Middle of Bridge	41.815856	-71.439158		★

1 - 3 of 3



Inventory

State Code (B.L.01) * : 1 Alabama

County Code (B.L.02) * : [C 4] FIX PARAM VALUES

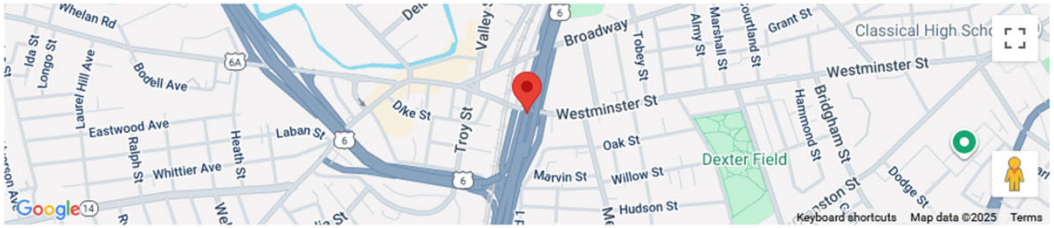
Place Code (B.L.03) : [22] FIX PARAM VALUES

Highway Agency District (B.L.04) * : Name 4

Metro Planning Org 1 (B.L.12) :

Metro Planning Org 2 (B.L.12) :

Location



Export | Add New

Type	Latitude	Longitude	Elevation (ft)	Report for Location B.L.05 and B.L.06
Beginning of Bridge	41.816028	-71.439677		
End of Bridge	41.815841	-71.438357	125	
Middle of Bridge	41.815856	-71.439158		★

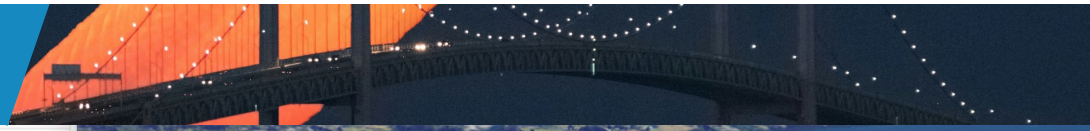
« ‹ 1 › » 15 1 - 3 of 3

Bridge Location (B.L.11) * : Where that one road crosses the other road.

Border Bridge

AASHTOWare™ BRIDGE MANAGEMENT

Inventory



State Code (B.L.01) *
1 Alabama

County Code (B.L.02) *
[C 4] FIX PARAM VALUES

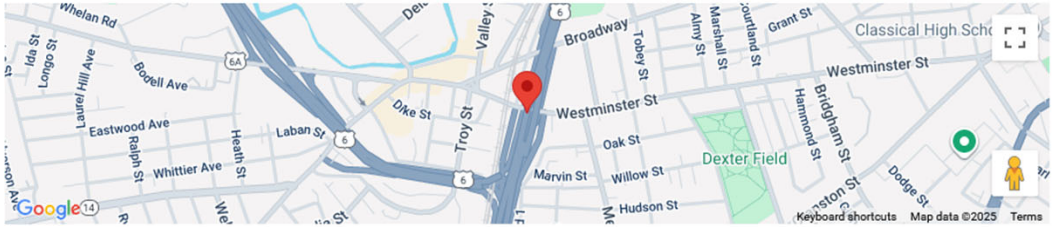
Place Code (B.L.03)
[22] FIX PARAM VALUES

Highway Agency District (B.L.04) *
Name 4

Metro Planning Org 1 (B.L.12)

Metro Planning Org 2 (B.L.12)

Location



Export

Add New

Type	Latitude	Longitude	Elevation (ft)	Report for Location B.L.05 and B.L.06
Beginning of Bridge	41.816028	-71.439677		
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Middle of Bridge	41.815856	-71.439158		★

« ‹ 1 › » 15 1 - 3 of 3

Bridge Location (B.L.11) *
Where that one road crosses the other road.

Border Bridge

AASHTOWare™ BRIDGE MANAGEMENT

Design

Design

LeMoyne-Owen College
Mason Temple: Church of God in Christ World...
Tom Lee Park
ARKANSAS
Mississippi River
Mississippi River
69
55
55
AASHTO Ware
BRIDGE

Design

LeMoyne-Owen College
Mason Temple: Church of God in Christ World...
Tom Lee Park
ARKANSAS
Mississippi River
Mississippi River
69
55
55

Design

LeMoyne-Owen College
Mason Temple: Church of God in Christ World...
Mississippi River
55
US-70
AASHTO Ware
BRIDGE

Design

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Design

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Design

Superstructure Sets

Export | Add New

Order	Span Configuration Designation (B.SP.01)	Name	Number of Spans (B.SP.02)	Span M
2	A01	Concrete NE Approach	12	C01 Re
3	A02	Steel NE Approach	11	S01 Ste
3	M01	Truss Superstructure	7	S01 Ste

Substructure Sets

Add New

Order	Substructure Configuration Designation (B.SB.01)	Name	Number of Substructure Units (B.SB.02)	Substructui

No records to display.

Structure Units

Export | Add New

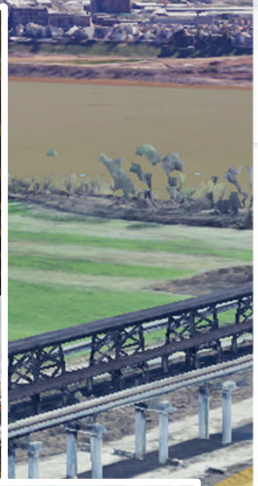
Order	Name	Unit Number	Default	Number of Elements	Superstructure Set N
0	0	0	★	34	
1	2	1	★	0	

AASHTOWare™ BRIDGE MANAGEMENT

Design

LeMoyne-Owen College
Mason Temple: Church of God in Christ World...
Mississippi River
55
55
AASHTO Ware
BRIDGE

Design



AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Design

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Design

Superstructure Sets

Export | Add New

Order	Span Configuration Designation (B.SP.01)	Name	Number of Spans (B.SP.02)	Span M
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3	A02	Steel NE Approach	11	S01 Ste
3	M01	Truss Superstructure	7	S01 Ste

Substructure Sets

Export | Add New

Order	Substructure Configuration Designation (B.SB.01)	Name	Number of Substructure Units
1	P01	Approach Columns	
2	P02	Pier Walls	

Structure Units

Export | Add New

Order	Name	Unit Number	Default	Number of Elements	Superstructure Set Name	Substructure Set Na
0	0	0	★	34		

Design

AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Design

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Design

Superstructure Sets

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Structure Units

Export | Add New

Order	Name	Unit Number	Default	Number of Elements	Superstructure Set Name	Substructure Set Na
0	0	0	★	34		
1	2	1	★	0		

Design

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Design

Superstructure Sets

Export | Add New

Order	Span Configuration Designation (B.SP.01)	Name	Number of Spans (B.SP.02)	Span M
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3	M01	Truss Superstructure	7	S01 Ste

Substructure Sets

Export | Add New

Order	Substructure Configuration Designation (B.SB.01)	Name	Number of Substructure Units
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2	P02	Pier Walls	

Structure Units

Export | Add New

Order	Name	Unit Number	Default	Number of Elements	Superstructure Set Name	Substructure Set Na
0	0	0	★	34		
1	2	1	★	0		

AASHTOWare BRIDGE MANAGEMENT

Design

Bridge ID *
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Design

Superstructure Sets

Export | Add New

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Substructure Sets

Export | Add New

Order	Substructure Configuration Designation (B.SB.01)	Name	Number of Substructure Units
1	P01	Approach Columns	
2	P02	Pier Walls	

Structure Units

Export | Add New

Order	Name	Unit Number	Default	Number of Elements	Superstructure Set Name	Substructure Set Na
0	0	0	★	34		
1	2	1	★	0		

Bridges › Inspection › Condition

Bridge ID *
000000000000100

Inspection *
08/18/2025 (ZWUX)

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Element Conditions

Quantity/Percentage: Quantity | Structure Unit: All | Environment: All

Search | Expand All | Add New

Inspected	ID	Name	Structure Unit	Type	Environment	Total Quantity
	12	Re Concrete Deck	0	Element	Moderate	1829
	107	Steel Opn Girder/Beam	0	Element	Moderate	259
	215	Re Conc Abutment	0	Element	Moderate	94
	301	Pourable Joint Seal	0	Element	Moderate	24
	305	Assem Jnt Wthut Seal	0	Element	Moderate	24
	311	Moveable Bearing	0	Element	Moderate	7
	313	Fixed Bearing	0	Element	Moderate	7
	321	Re Conc Approach Slab	0	Element	Moderate	681
	331	Re Conc Bridge Railing	0	Element	Moderate	96

Notes

Inspection Note (B.IE.11)

Agency Inspection Note

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut

AASHTOWare™ BRIDGE MANAGEMENT

AASHTOWare™ BRIDGE MANAGEMENT

Features

Features

93
93
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1
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
AASHTOWare
BRIDGE
2D

Features

H01 – Carried: US 1 Toll Road
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
93
1
AASHTOWare
BRIDGE
2D

Features

H01 – Carried: US 1 Toll Road
H02 – Below: Education St.
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
93
1
AASHTOWare
BRIDGE
2D

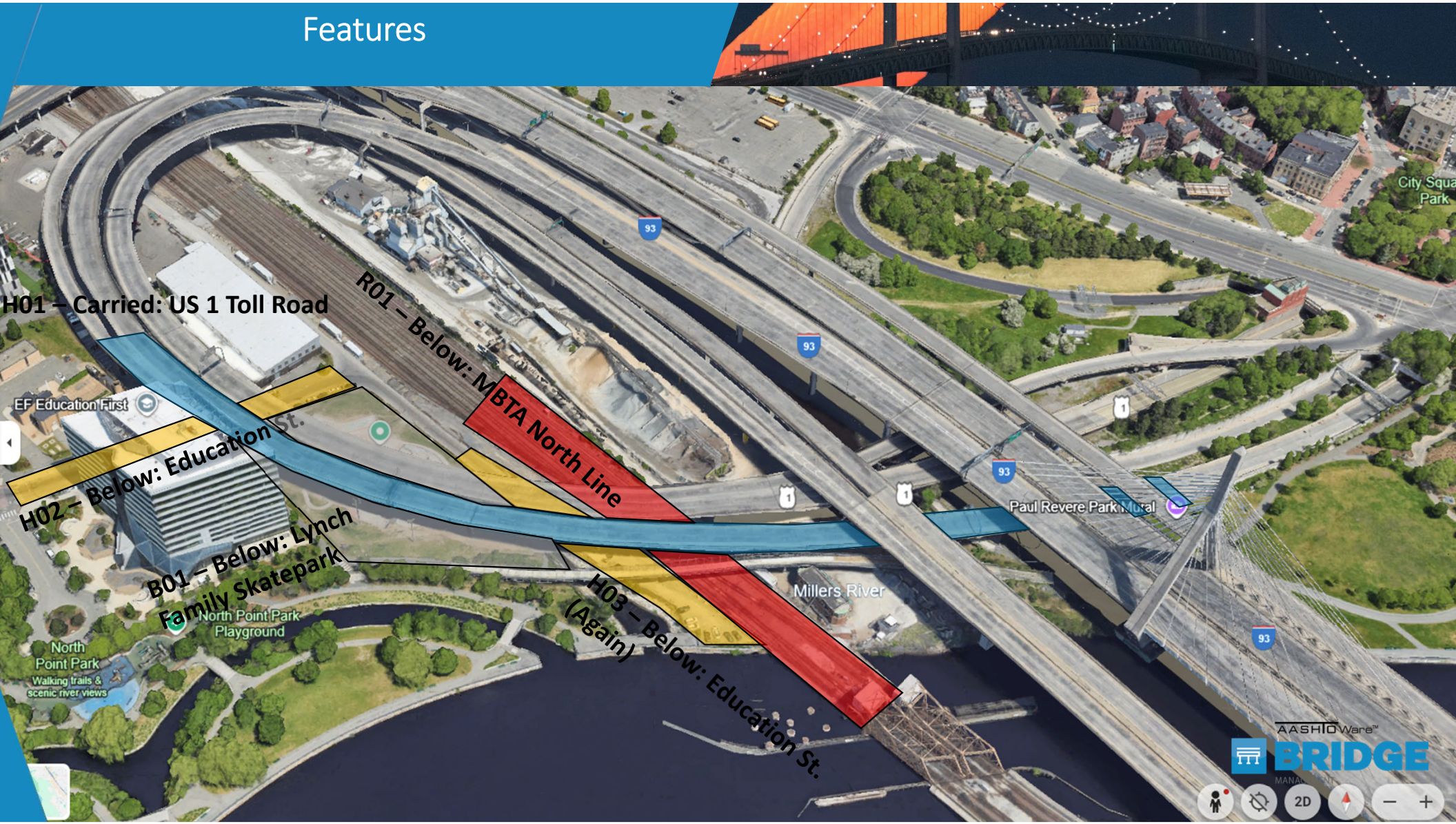
Features

H01 – Carried: US 1 Toll Road
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
93
1
AASHTOWare
BRIDGE
2D

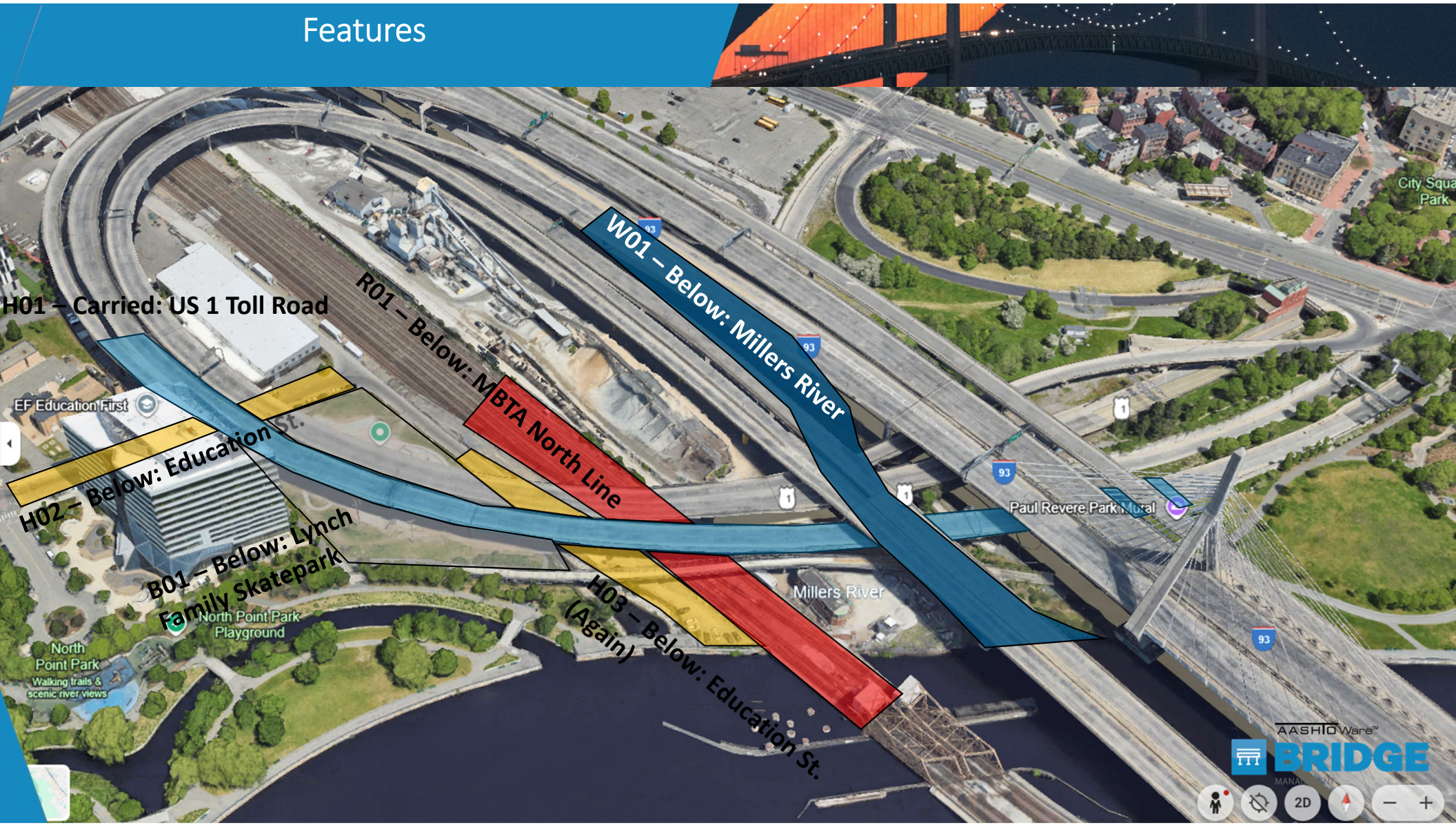
Features

H01 – Carried: US 1 Toll Road
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
93
1
AASHTOWare
BRIDGE
2D

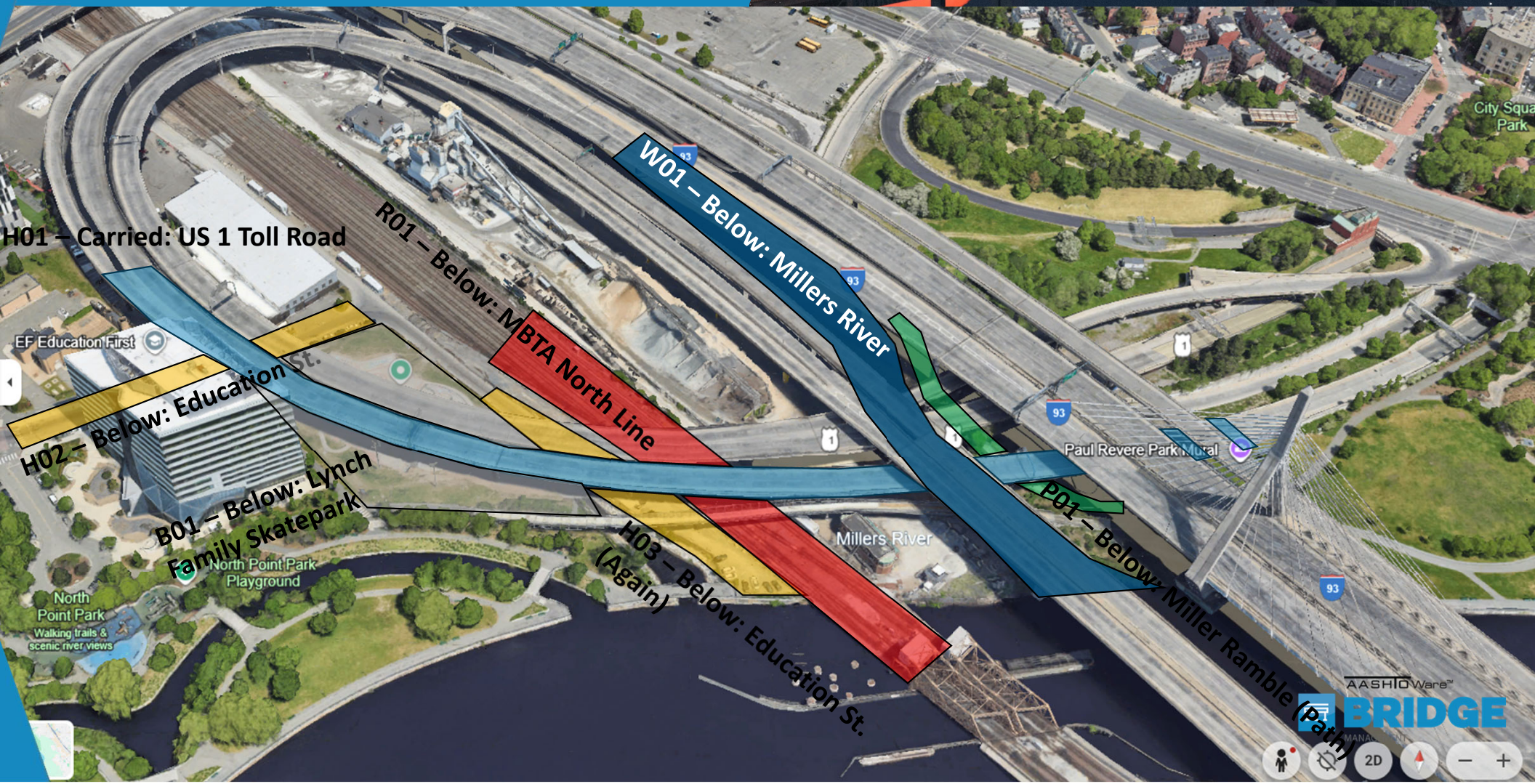
Features


H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa Park
93
1
AASHTOWare BRIDGE
2D

Features

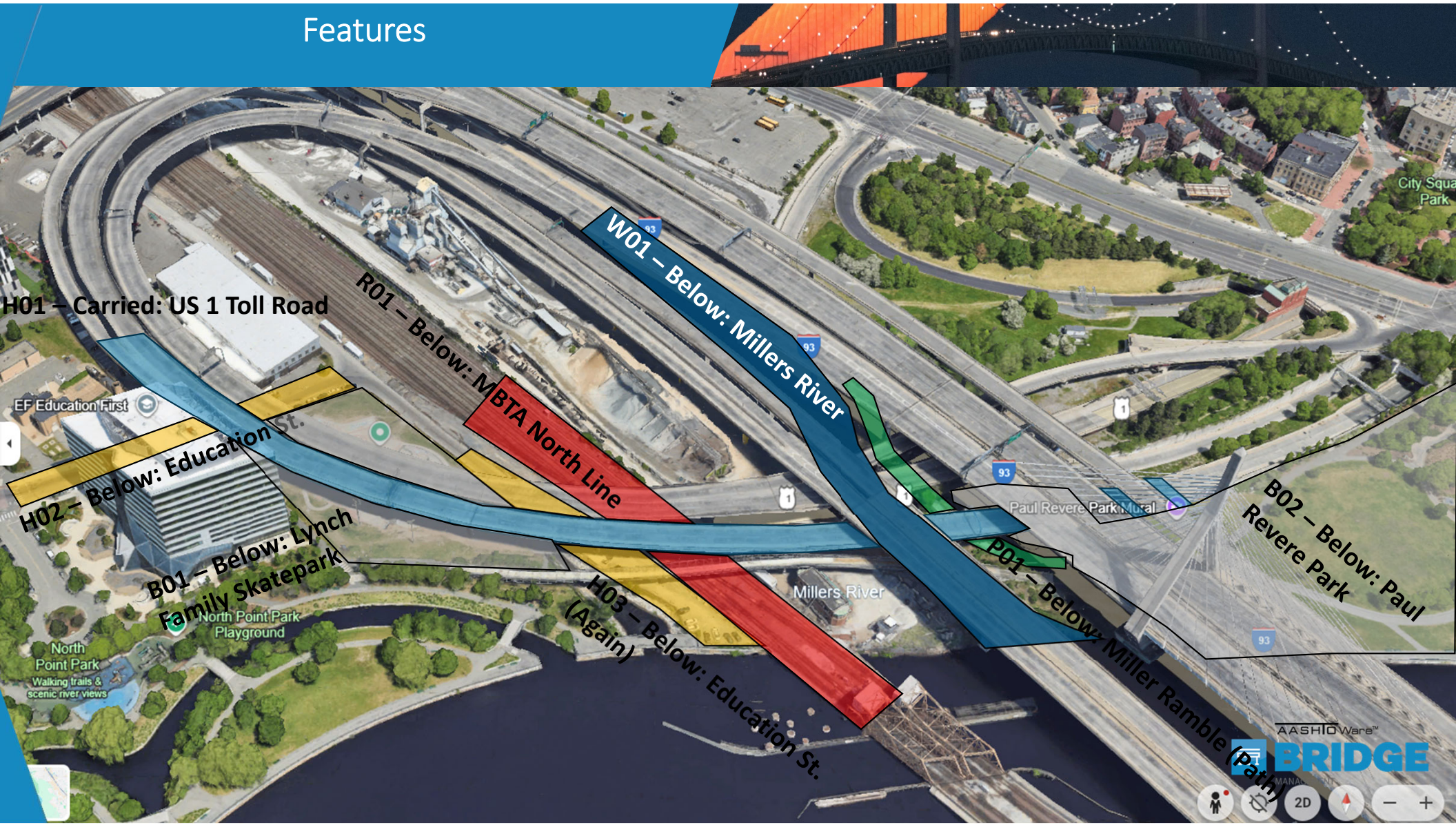

H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
W01 – Below: Millers River
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
93
1
AASHTOWare
BRIDGE
2D

Features

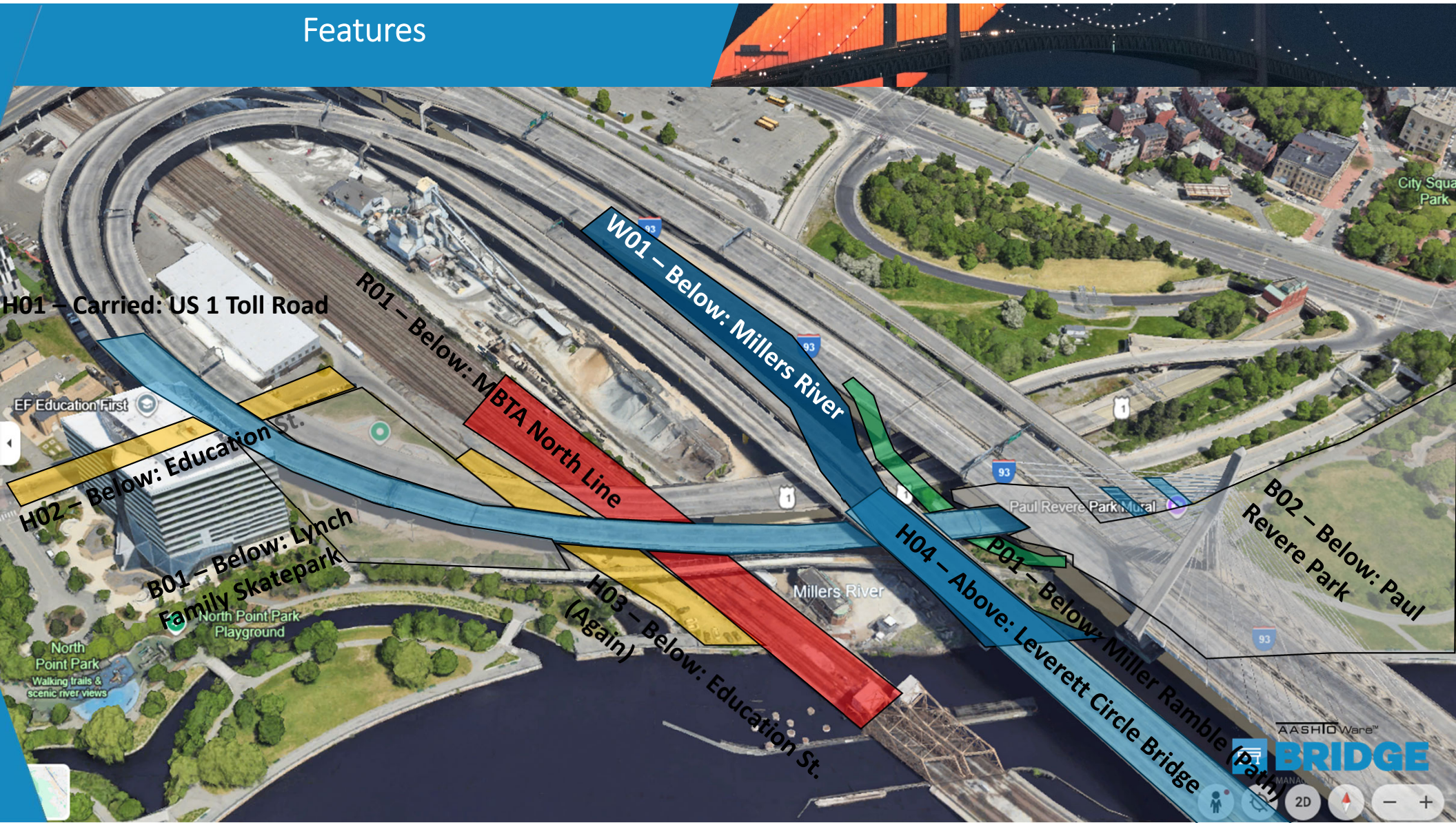


H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
W01 – Below: Millers River
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
P01 – Below: Miller Ramble (Path)
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa Park
93
1
AASHTOWare
BRIDGE
2D

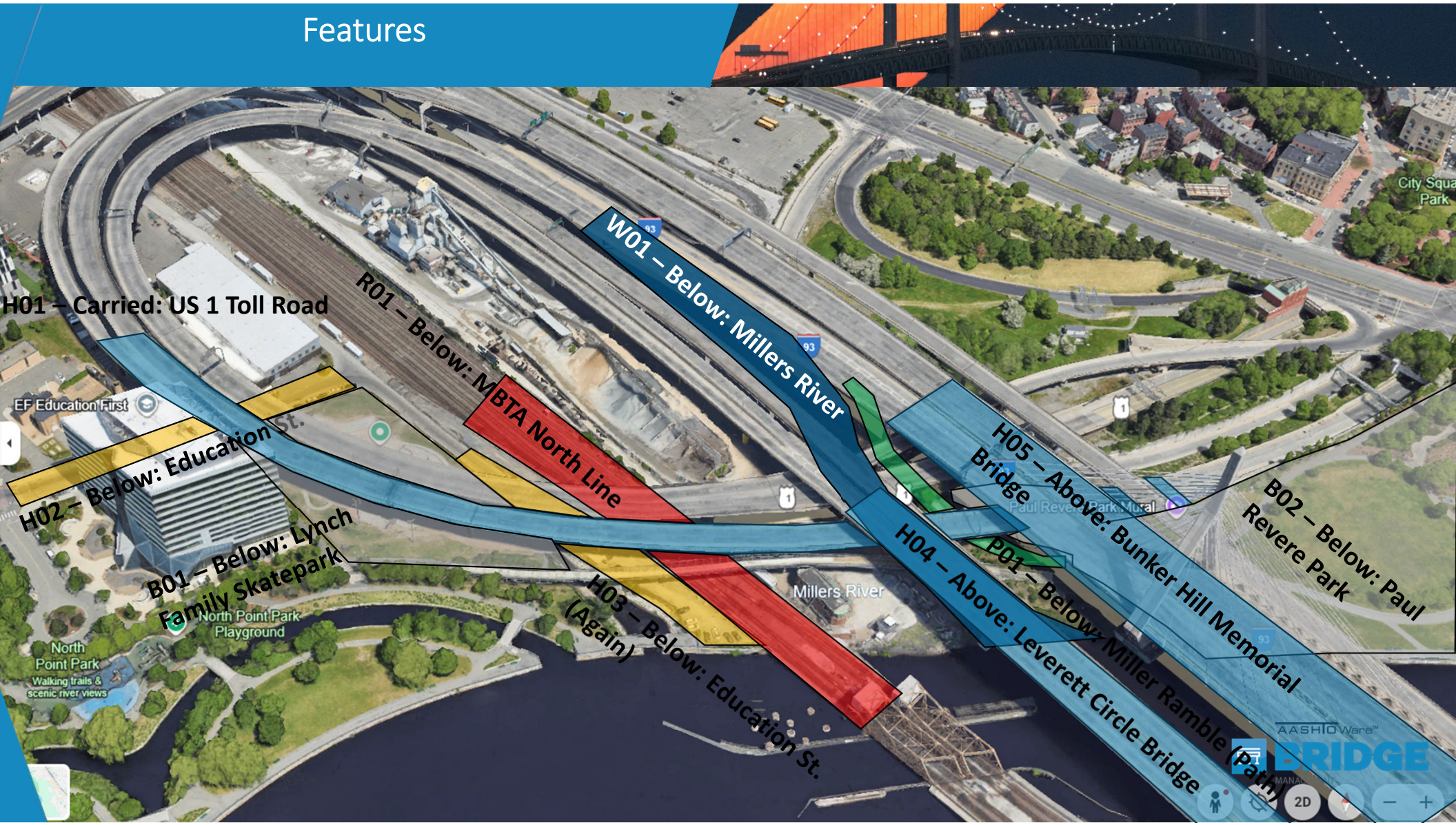
Features


H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
W01 – Below: Millers River
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
P01 – Below: Miller Ramble (path)
B02 – Below: Paul Revere Park
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
93
1
AASHTOWare BRIDGE
2D

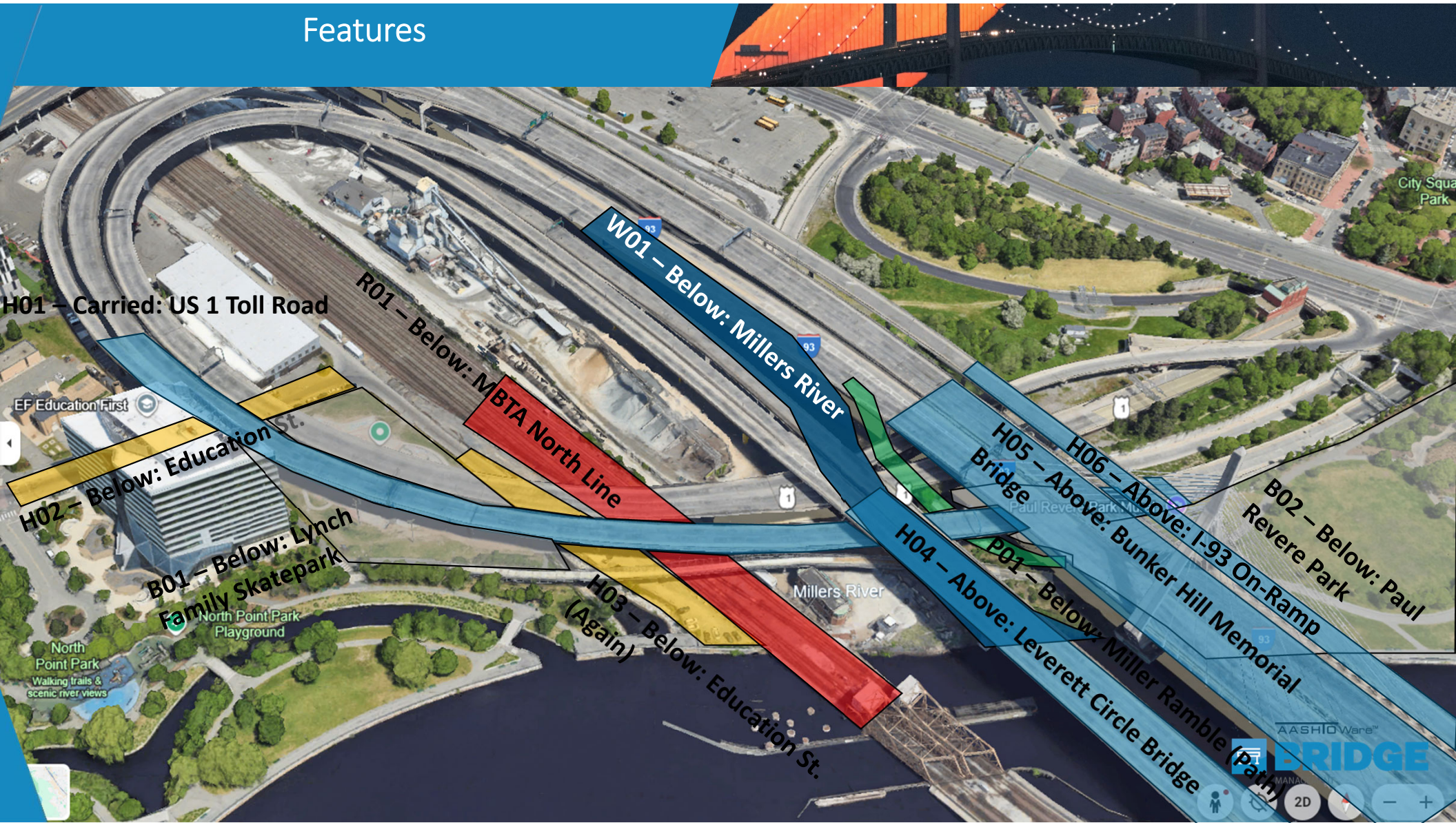
Features


H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
W01 – Below: Millers River
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
H04 – Above: Leverett Circle Bridge
P01 – Below: Miller Ramble (Path)
B02 – Below: Paul Revere Park
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
Paul Revere Park Mural
City Squa
Park
AASHTOWare
BRIDGE
2D

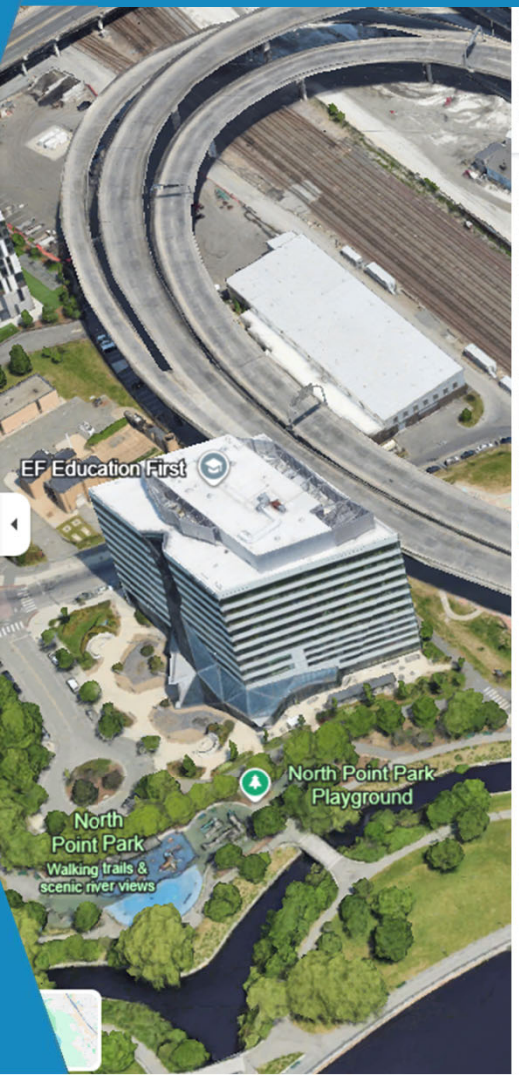
Features


H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
W01 – Below: Millers River
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
H04 – Above: Leverett Circle Bridge
P01 – Below: Miller Ramble (Path)
H05 – Above: Bunker Hill Memorial Bridge
B02 – Below: Paul Revere Park
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
City Squa
Park
AASHTOWare
BRIDGE
2D

Features


H01 – Carried: US 1 Toll Road
R01 – Below: MBTA North Line
W01 – Below: Millers River
H02 – Below: Education St.
B01 – Below: Lynch Family Skatepark
H03 – Below: Education St. (Again)
H04 – Above: Leverett Circle Bridge
P01 – Below: Miller Ramble (Path)
H05 – Above: Bunker Hill Memorial Bridge
H06 – Above: I-93 On-Ramp
B02 – Below: Paul Revere Park
EF Education First
North Point Park Playground
North Point Park
Walking trails & scenic river views
Millers River
City Squa
Park
AASHTOWare
BRIDGE
2D

Features



Bridge ID
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Feature Location (B.F.02)
C Carried on bridge

Feature Name (B.F.03)
US 1 Toll Road

Edit Feature

Feature Details

Feature Name (B.F.03) *
US 1 Toll Road

Feature Type (B.F.01) *
H Highway

Feature Location (B.F.02) *
C Carried on bridge

Report to FHWA

Route Information

Add New

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	S
R01	1	EB Eastbound	2 U.S. route	1

« ‹ 1 › » 15 1 - 1 of 1

Highway Information

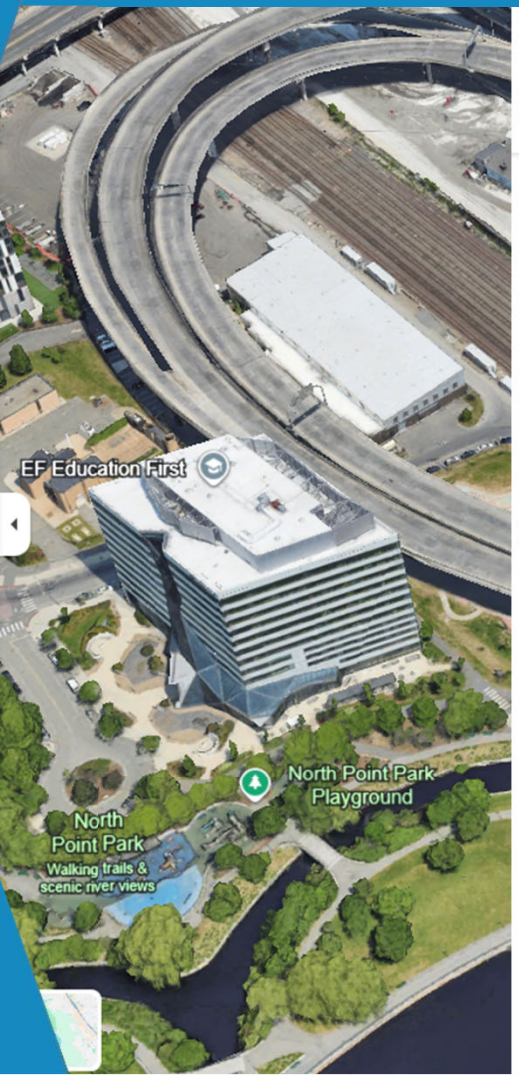
LRS Route ID (B.H.06)
8230000

LRS Data as of Date
mm / dd / yyyy

LRS Mile Point (B.H.07)
1.149

Lanes on Highway (B.H.08)
4

Features



Bridge ID
000000000000100

Feature Intersected
FeatInt 216

Facility Carried
FacCar 644

Feature Location (B.F.02)
C Carried on bridge

Feature Name (B.F.03)
US 1 Toll Road

Edit Feature

Feature Details

Feature Name (B.F.03) *
US 1 Toll Road

Feature Type (B.F.01) *
H Highway

Feature Location (B.F.02) *
C Carried on bridge

Report to FHWA

Route Information

Add New

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	S
R01	1	EB Eastbound	2 U.S. route	1

« ‹ 1 › » 15 1 - 1 of 1

Highway Information

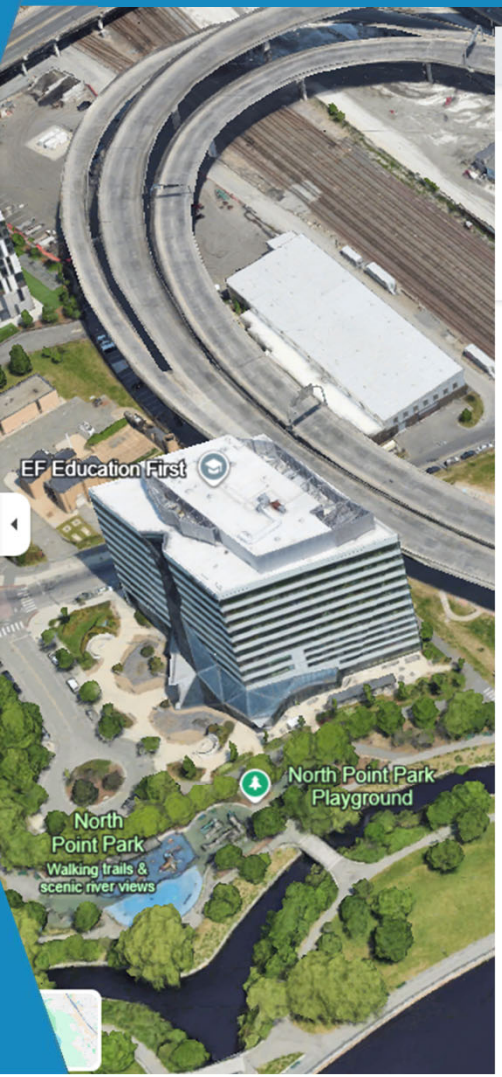
LRS Route ID (B.H.06)
8230000

LRS Data as of Date
mm / dd / yyyy

LRS Mile Point (B.H.07)
1.149

Lanes on Highway (B.H.08)
4

Features



AASHTOWare™
Bridge Management

Bridges › Inventory & Appraisal › Features

Bridge ID	Feature Intersected	Facility Carried
000000000000100	FeatInt 216	FacCar 644

Feature Location (B.F.02)	Feature Name (B.F.03)
B Below bridge	Lynch Family Skatepark

Edit Feature

Feature Details

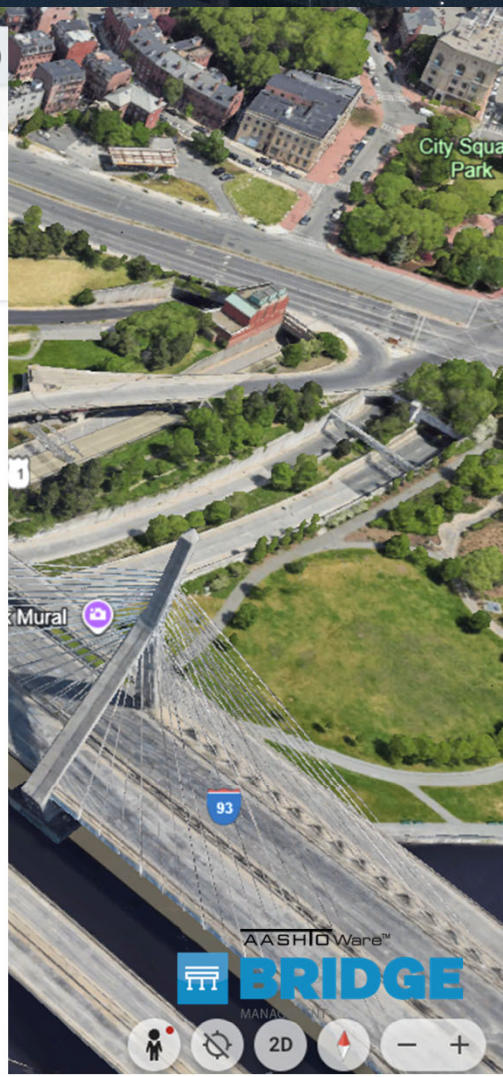
Feature Name (B.F.03) *
Lynch Family Skatepark

Feature Type (B.F.01) *
B Urban Feature

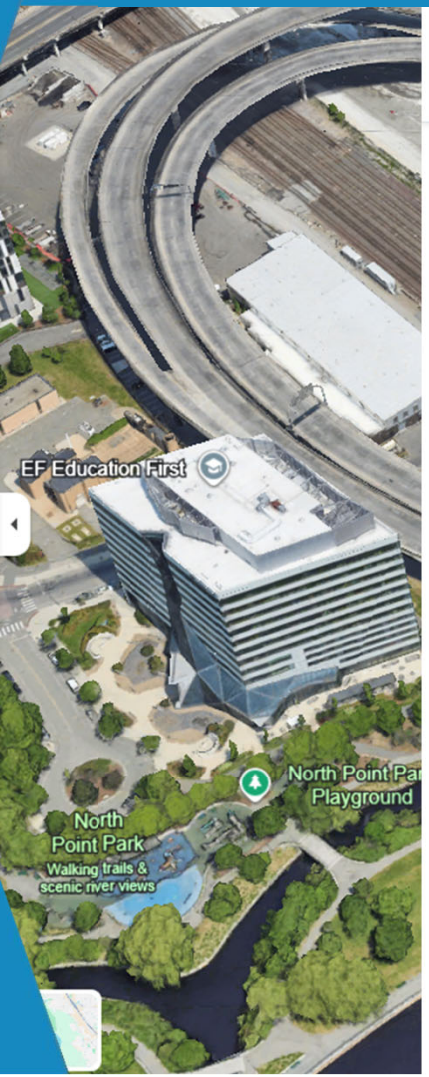
Feature Location (B.F.02) *
B Below bridge

☑ Report to FHWA

Save | Save & Close | Cancel | Delete Feature



Features



Feature Location (B.F.02) Feature Name (B.F.03)

Add Feature

Feature Details

Feature Name (B.F.03) *

MBTA North Line

Feature Type (B.F.01) *

R Railroad

Feature Location (B.F.02) *

B Below bridge

☑ Report to FHWA

Railroad Details

Railroad Bridge Agency Bridge ID

Railroad Service Type (B.RR.01) *

PE Passenger - electrified

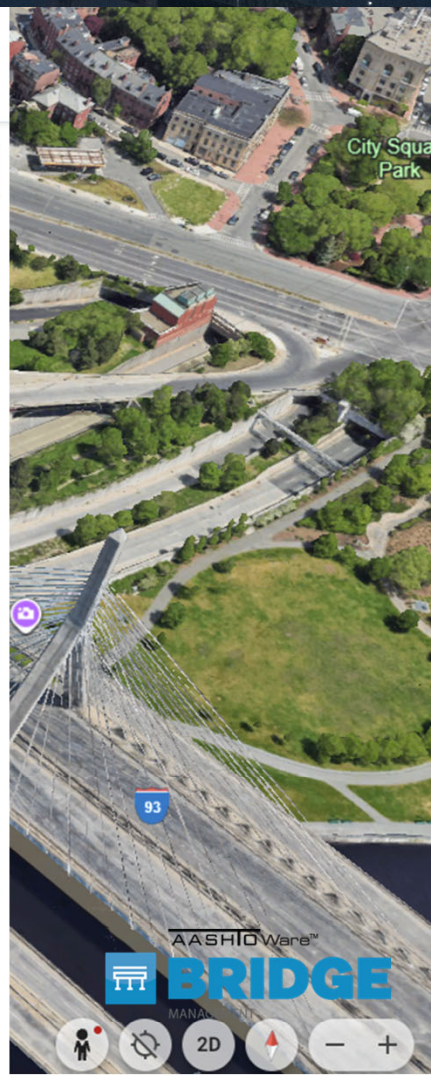
Railroad Minimum Vertical Clearance (B.RR.02) *

22

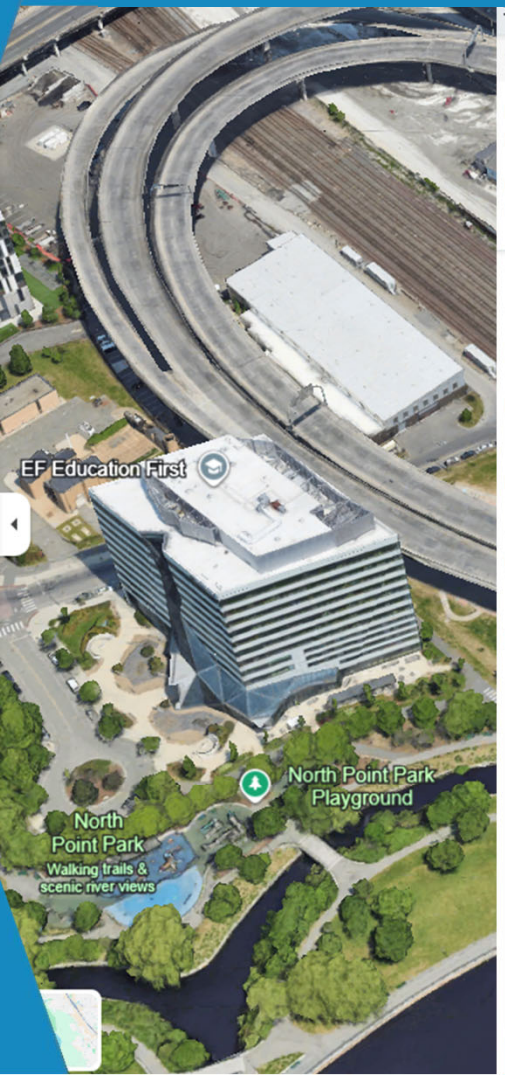
Railroad Minimum Horizontal Offset (B.RR.03) *

10

Save | Save & Close | Cancel



Features



Bridge Management

Bridges › Inventory & Appraisal › Features

Bridge ID	Feature Intersected	Facility Carried
000000000000100	FeatInt 216	FacCar 644

Feature Location (B.F.02)	Feature Name (B.F.03)
B Below bridge	Millers River

Edit Feature

Feature Details

Feature Name (B.F.03) *
Millers River

Feature Type (B.F.01) *
W Waterway

Feature Location (B.F.02) *
B Below bridge

☑ Report to FHWA

Waterway Details

Navigable Waterway (B.N.01) *
Y Navigable waters

Navigation Minimum Vertical Clearance (B.N.02)
18

Movable Bridge Max Navigation Vertical Clearance (B.N.03)

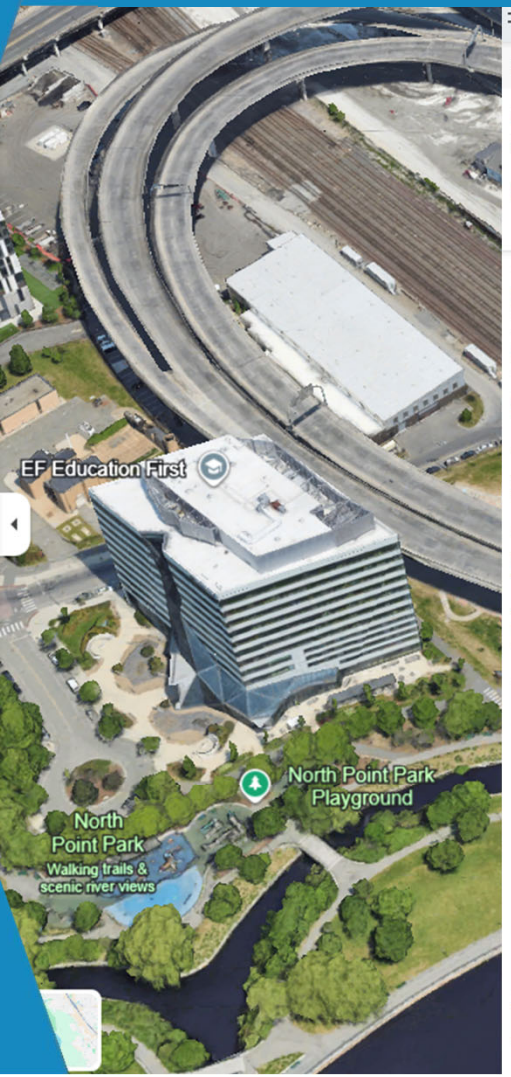
Navigation Channel Width (B.N.04)
18

Navigation Channel Minimum Horizontal Clearance (B.N.05)

Substructure Navigation Protection (B.N.06)
1 Not required; low probability of impact.

Save | Save & Close | Cancel | Delete Waterway

Features



AASHTOWare
Bridge Management

Bridges › Inventory & Appraisal › Features

Bridge ID	Feature Intersected	Facility Carried
000000000000100	FeatInt 216	FacCar 644

Feature Location (B.F.02) Feature Name (B.F.03)

Add Feature

Feature Details

Feature Name (B.F.03) *
Leverett Circle Bridge

Feature Type (B.F.01) *
H Highway

Feature Location (B.F.02) *
A Above bridge

☑ Report to FHWA

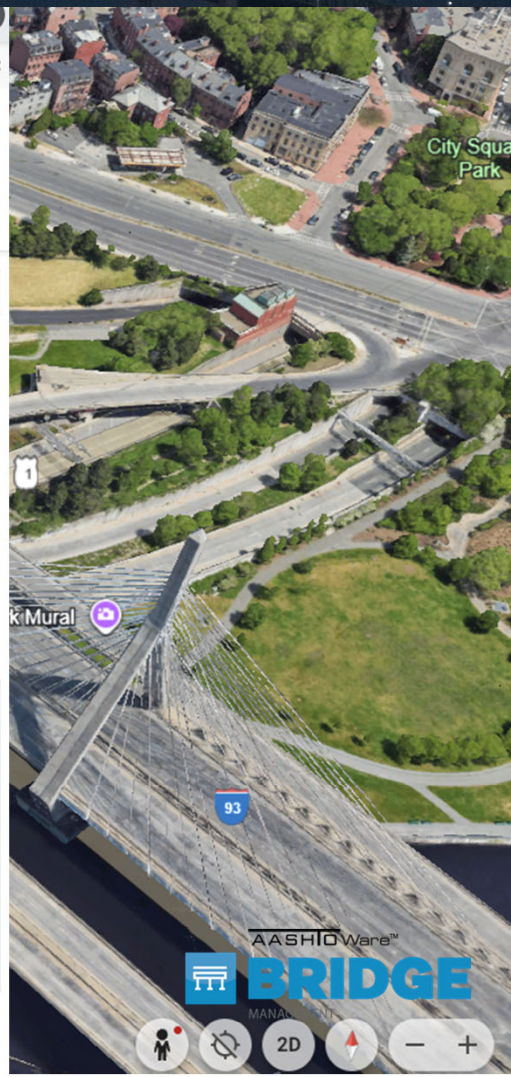
Crossing Bridge

Crossing Bridge ID
000000000000002

Crossing Bridge Number (B.H.18)
000002

Feature Name (B.F.03)
US 1A BSTN NCK RD

Save | Save & Close | Cancel



Features

eatures

Bridge

000000000000100

Add New

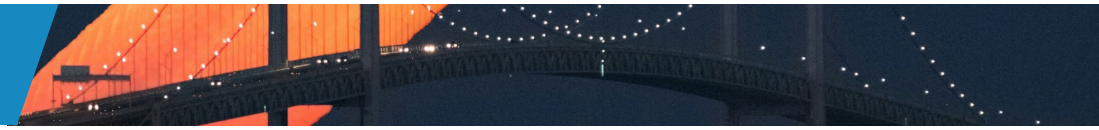
	Order	Feature Name (B.F.03)	Feature Type (B.F.01)	Feature Location (B.F.02)	Report to FHWA
↕	1	US 1 Toll Road	H01	C Carried on bridge	True
↕	2	Education Street	H02	B Below bridge	True
↕	3	Lynch Family Skatepark	B01	B Below bridge	True
↕	4	Education Street (and Boad Ramp)	H03	B Below bridge	True
↕	5	MBTA North Line	R01	B Below bridge	True
↕	6	Millers River	W01	B Below bridge	True
↕	7	Leverett Circle Bridge	H04	A Above bridge	True
↕	8	Millers Ramble (Path)	P01	B Below bridge	True
↕	9	Paul Revere Park	B02	B Below bridge	True
↕	10	Bunker Hill Memorial Bridge	H05	A Above bridge	True
↕	11	I-93 On-Ramp Northbound	H06	A Above bridge	True

AASHTOWare™ BRIDGE MANAGEMENT

Course Overview

Photo by Evan Leith on Unsplash

Course Overview



TODAY

Before Break (Insp 101)

- ~~Login~~
- ~~Roles & Groups~~
- ~~Bridge List~~
- ~~Inspection List~~
- ~~Scheduling~~
- ~~Inspection Plans~~
- ~~Inventory~~
- ~~Design~~
- ~~Features~~

After Break (Insp 102)

- Condition & Elements
- Load Posting
- Multimedia
- Sketches
- Cross Sections

TOMORROW

Before Break (Insp 201)

- Work Candidates
- Certifications
- Inspection Assignment
- Validation
- Inspection Review
- Future Planning

After Break (Insp 202)

- Submittal
- Critical Findings
- Reports
- Dashboards
- API Calls

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