AASHTOWare™
BRIDGE
MANAGEMENT

AASHTOWARE BRIDGE MANAGEMENT

WHO WE ARE

The AASHTOWare Bridge Management software (BrM) was first developed under the NCHRP project sponsored by the FHWA in the early 1990s and soon thereafter was transferred to AASHTO for further development, maintenance, and support. For over 30 years, BrM has seen dramatic improvements due to technological changes, product innovations, and, most importantly, direct user feedback.

GOALS/BENEFITS

- Pooling resources to produce significant cost savings
- DOT-Driven software
- Best practices approach
- Focus on Federal requirements
- Built-in Flexibility – allows software configurations to meet unique needs

COMMON NEEDS   **CUSTOMER SATISFACTION**   **FLEXIBILITY**

WHO USES AASHTOWARE BRIDGE MANAGEMENT SOFTWARE?

State DOTs, Local Agencies, plus District of Columbia, Puerto Rico, FHWA, and educational institutions within the jurisdiction of AASHTO Members and Associate Member Departments

AASHTOWARE BRIDGE MANAGEMENT

ABOUT THE SOFTWARE

AASHTOWare Bridge Management incorporates all aspects of bridge management, allowing user input at every stage of the process.

ATTRIBUTES INCLUDE

- Provides a well-organized and intuitive graphical user interface
- Integrates multiple objectives such as public safety, risk mitigation, and preservation and maintenance programming
- Provides a systematic procedure for the optimal allocation of resources through cost-benefit analysis of preservation and improvement policies
- Module design provides the user with the information display, options and actions relevant to the module's particular function
- User creative report development for AASHTOWare Bridge Management.
- Data storage, management, and collection, is up to date with federal requirements.
- Supports the inspection and management of ancillary assets.

ADDITIONAL BENEFITS

Additionally, AASHTOWare Bridge Management enables the user to fulfill Map-21 requirements such as:

- Collecting, storing, processing, and updating inventory and condition data for bridge assets
- Forecasting and deterioration modeling
- Determining the life-cycle cost analysis of alternative strategies (including a no action decision) for managing the condition of bridge assets
- Identifying short and long-term budget needs
- Recommending work programs and implementation schedules
- Ability to fulfill FHWA's NTI data collection and reporting requirements
- Supports the development and upkeep of the bridge portion of the state Transportation Asset Management Plan (TAMP).

PRODUCT INFORMATION

Technical Support – https://bridgeware.atlassian.net/servicedesk/customer/portal/1

BrM YouTube Channel – www.youtube.com/@AASHTOWareBrM

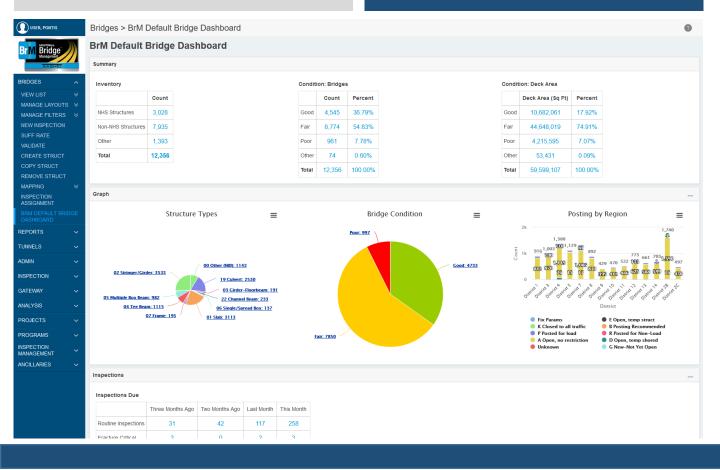AASHTOWare FY2024 Catalog – FY_2024_AASHTOWare_Catalog_web_final_v2a.pdf

AASHTOWARE BRIDGE MANAGEMENT

AASHTOWare™
BRIDGE
MANAGEMENT

SOFTWARE ENHANCEMENTS

6.6 FEATURES

- Critical Findings module for creating, tracking, and managing critical findings and related communication within BrM
- User Certifications setup and tracking in BrM
- Program Funding Allocation enhancements
- Sign module (upgraded by the Ancillary Assets module in version 6.7)

6.7 FEATURES

- Ancillary Assets Module for additional asset type inventory and inspection in BrM
- Visual Dashboard Editor allowing users to build and display their specific dashboards in BrM
- NBI Conversion Profiles - separating each component into its own profile

AASHTOWARE BRIDGE MANAGEMENT
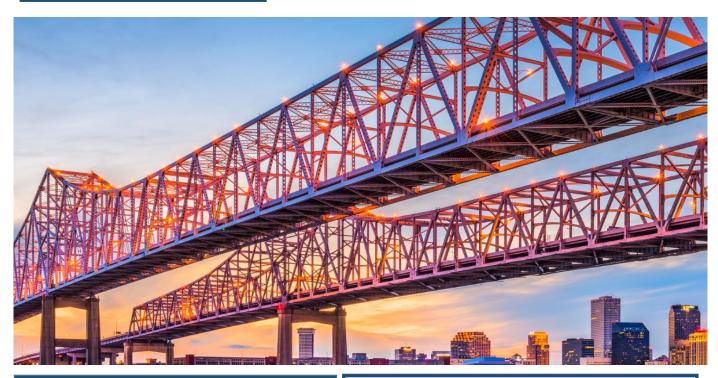
AASHTOWARE BRIDGE MANAGEMENT 7.0

The AASHTOWare Bridge Management software is going through a multi-phase overhaul to meet the new Federal requirements as well as build sustainability into the product. The next major software release will be version 7.0 and will include:

- Upgraded BrM UI and database to meet all new Federal requirements
- Enhancements to the inspection modules
- Modernize the software to improve performance and security, software efficiency

LICENSING

Description	Annual License Fee
Super Site	$59,500
SaaS Super Site	$59,500
Asset Tiers	
• 1(up to 1000 bridges)	$25,300
• 2(up to 500 bridges)	$17,600
• 3(up to 250 bridges)	$12,650
Enhanced Asset Tier Support/User Group Attendance (optional)	$3,200
Mobile Bridge Inspection	$55,000
Consultant	$12,650
International	$71,500
Developer	$2,200
Educational (classroom instruction)	Free

AASHTOWARE BRIDGE MANAGEMENT

SERVICE UNITS

Service Units are optional fixed-fee units of contractor-provided service offered to licenses for consultation and support to assist in the implementation or configuration of the software. Basic licenses include support and service units are included for additional agency needs.
Examples of services provided:

- Preparing and importing data
- Specialized software training
- Agency-specific modifications/custom reports
- TAMP and NBI submittal support
- Optimizer setup and refinement
- Contractor hosting

The AASHTOWare Bridge Management Task Force recognizes that member agencies (or a group of agencies) may wish to accelerate the development of AASHTOWare Bridge Management optional components(s), and may be in a position to fund such development. This development can be agency-funded through the use of Service Units.

If the Task Force deems the enhancement(s) beneficial to the user community and if the submitting agencies are able to contribute sufficient service units to find the development, the Task Force will undertake the development and the enhancement(s) will be included as a component of the core product. Once included in the core product, the Task Force will be responsible for maintaining the enhancement through future AASHTOWare Bridge Management version changes.

AASHTOWARE BRIDGE MANAGEMENT

CONTACT INFORMATION

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS

AASHTO

Ryan Fragapane
Product Director
555 12th Street NW, Suite 1000
Washington, D.C. 20004
Phone: 202-624-3632
Email: rfragapane@aashto.org

MAYVUE

Josh Lang
Mayvue Solutions
700 River Avenue, Suite 423
Pittsburgh, PA 15212
Phone: 877-462-9883
Email: BrM@mayvue.com