

AASHTOWare Bridge Rating and Design Products

AASHTOWare Bridge Rating



"AASHTOWare Bridge Rating is an AASHTOWare product for bridge load rating, featuring graphical tools to speed preparation of the data and application of the results. Using a newly developed AASHTO module as its analytical engine for load and resistance factor rating (LRFR), load factor rating (LFR) and allowable stress rating (ASR), Bridge Rating provides an integrated database where rating inputs and outputs can readily be stored, reviewed and re-used. Through this database and the application-independent user interface, a user may provide a 3-dimensional description of a bridge superstructure. This bridge data can then be used by a variety of line-girder, 2-D or 3-D analysis packages, permit/routing systems and other third-party produced applications."

AASHTOWare Bridge Design

AASHTOWare launched its bridge design review software (under the name of Opis) in April 1999. AASHTOWare Bridge Design employs the same database and graphical user interface as AASHTOWare Bridge Rating and has the same COM-compliant interface for third-party add-on modules. (See AASHTOWare Bridge Rating section on Architectural Support for Third-Party Customizations and Add-ons.) AASHTOWare Bridge Design includes an LRFD analysis engine. This analysis engine supports the current analysis needs of the software and designers can run multiple analysis programs from one definition of a bridge.

Hardware and Software Environments

Recommended Hardware and Software Configuration

Hardware Requirements

Machine	Intel Core i7 processor or equivalent
Memory	32 GB or more for 64-bit OS
Video	1600x1200
Mouse	Microsoft® or compatible
Hard Disk	1 TB*
	<ul style="list-style-type: none">• Solid State Drive is recommended

Software Requirements

Microsoft Windows® 10 – 64 bit

Database Support and Sunset Status

Database support for AASHTOWare Bridge Design or AASHTOWare Bridge Rating is coordinated with the availability of support that the industry vendors provide. This table will change as Oracle or Microsoft ceases support for any of the listed versions.

Platform	Version(s)	Status
Oracle*	11g R2 (11.2)	Active
Oracle*	12c R2 (12.2)	Active
Oracle*	18c R3 (18.3)	Active
MS SQL Server**	2014 SP2	Active
MS SQL Server Express**	2014 SP2	Active

* Previous versions of Oracle are not supported.

** Previous versions of SQL Server are not supported.



Annual Fees and Licensing Options (Effective July 1, 2020)

AASHTOWare Bridge Design or AASHTOWare Bridge Rating Single Workstation Option

This option includes the complete AASHTOWare Bridge Design software for designing (analysis and specification checking) steel, reinforced concrete, and prestressed concrete superstructures on a standalone personal workstation (personal computer). It also includes unlimited support from the developer.

Description	Annual License Fee
First License AASHTOWare Bridge Design or Bridge Rating - Single Workstation Option	\$10,500
Subsequent AASHTOWare Bridge Design or Bridge Rating - Single Workstation Option	\$9,000

AASHTOWare Bridge Design or AASHTOWare Bridge Rating Unlimited Option (AASHTO Member Agency)

This option includes the complete AASHTOWare Bridge Design software described above for use on an unlimited number of workstations (personal computers) within the agency and includes unlimited support.

Description	Annual License Fee, July 1, 2016
AASHTOWare Bridge Design Unlimited Option	\$39,500

AASHTOWare Bridge Rating Unlimited Option (Non-Member Organization)

This non-member organization option includes the complete AASHTOWare Bridge Rating software described above for use on an unlimited number of workstations within the non-member organization or installed on a server for unlimited user access. This license includes unlimited support.

Description	Annual License Fee
AASHTOWare Bridge Rating Unlimited Option (Non-Member Organization)	\$52,500

Special Consultant/Agency Option

Consulting engineering firms performing rating or design work, or other agencies working with and supplying information to/for a member agency holding a valid license to the AASHTOWare Bridge Design or AASHTOWare Bridge Rating Unlimited Option may obtain a single workstation copy of AASHTOWare Bridge Design or AASHTOWare Bridge Rating for a special license fee. The system requires a database engine and includes limited support.

Description	Annual License Fee
AASHTOWare Bridge Design or Bridge Rating - Special Consultant Option	\$5,500 per workstation
AASHTOWare Bridge Design or Bridge Design - Special Consultant Option	\$5,500 per workstation

Agencies licensing workstation versions of both AASHTOWare Bridge Rating and AASHTOWare Bridge Design may request to have their software delivered with a single user interface which provides access to both products.

A reference email may be requested from ODOT which will make an agency (County, City or Consultant) eligible for the special pricing. Please email your request to Amjad Waheed, PE, with your company's complete address and phone number and a brief list of the bridges that would be designed or rated by the AASHTOWare Bridge programs.

Agency Sponsored Consultant Licenses

A member agency, who is a licensee of the AASHTOWare Bridge Design or AASHTOWare Bridge Rating Unlimited Option, may purchase on behalf of consulting engineering firms performing rating or design work for the member agency or a local agency performing rating or design work for the member agency the following AASHTOWare Bridge Design or AASHTOWare Bridge Rating "10-packs". The system requires a database engine and includes limited support by the member agency. Consulting firms or local agencies using this license option will be required to sign a software license agreement with AASHTO.

Description		Annual License Fee
AASHTOWare Bridge Design or Bridge Rating	10 Copies	\$ 34,700
	20 Copies	\$ 63,000
	30+ Copies	\$ 94,500

Educational Option

This option exists for educational institutions only within the jurisdictions of our Member Departments, and/or Associate Members to obtain AASHTOWare Bridge Design or

AASHTOWare Bridge Rating free of charge for use in the classroom. This option is not for individuals and not to be used for research, graduate work or any other purpose. The educational option license offers full functionality with some limitations.

Note: A licensing agreement executed by the institution assuring compliance with the education and training limitation is necessary to exercise this option.

For a complete overview of the AASHTOWare Bridge products, visit the AASHTOWare page at the following URL:

<https://www.aashtoware.org/products/bridge/bridge-overview/>

For complete and updated information please refer to the AASHTOWare catalog at the following URL:

https://www.aashtoware.org/wp-content/uploads/2020/05/FY_2021_AASHTOWare_Catalog.pdf

** All information contained here is obtained from AASHTOWare Catalog and is subject to change.