

Publications Update

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2019 Committee on Bridges and Structures Meeting
State Bridge Engineers' Meeting
June 26, 2019



AASHTO

Releases since 6/2018 (1/2)

- **New**

- *AASHTO LRFD Bridge Design Guide Specifications for GFRP Reinforced Concrete, 2nd Ed. (GFRP-2)*
- *Guide Specifications for Accelerated Bridge Construction (ABC-1)*
- *Guide Specifications for Analysis and Identification of Fracture Critical Members and System Redundant Members (GSFCM-1)*
- *Guide Specifications for Bridges Carrying Light Rail Transit Loads (GSLR-1)*
- *Guide Specifications for Internal Redundancy of Mechanically-Fastened Built-Up Steel Members (GSBSM-1)*
- *Guide Specifications for the Design of Concrete Bridge Beams Prestressed w/ CFRP Systems (CFRP-1)*
- *Manual for Bridge Element Inspection, 2nd Ed. (MBEI-2)*
- *S2.1—Steel Bridge Fabrication Guide Specification (NSBASBF-4)*



Releases since 6/2018 (2/2)

- **Interims**

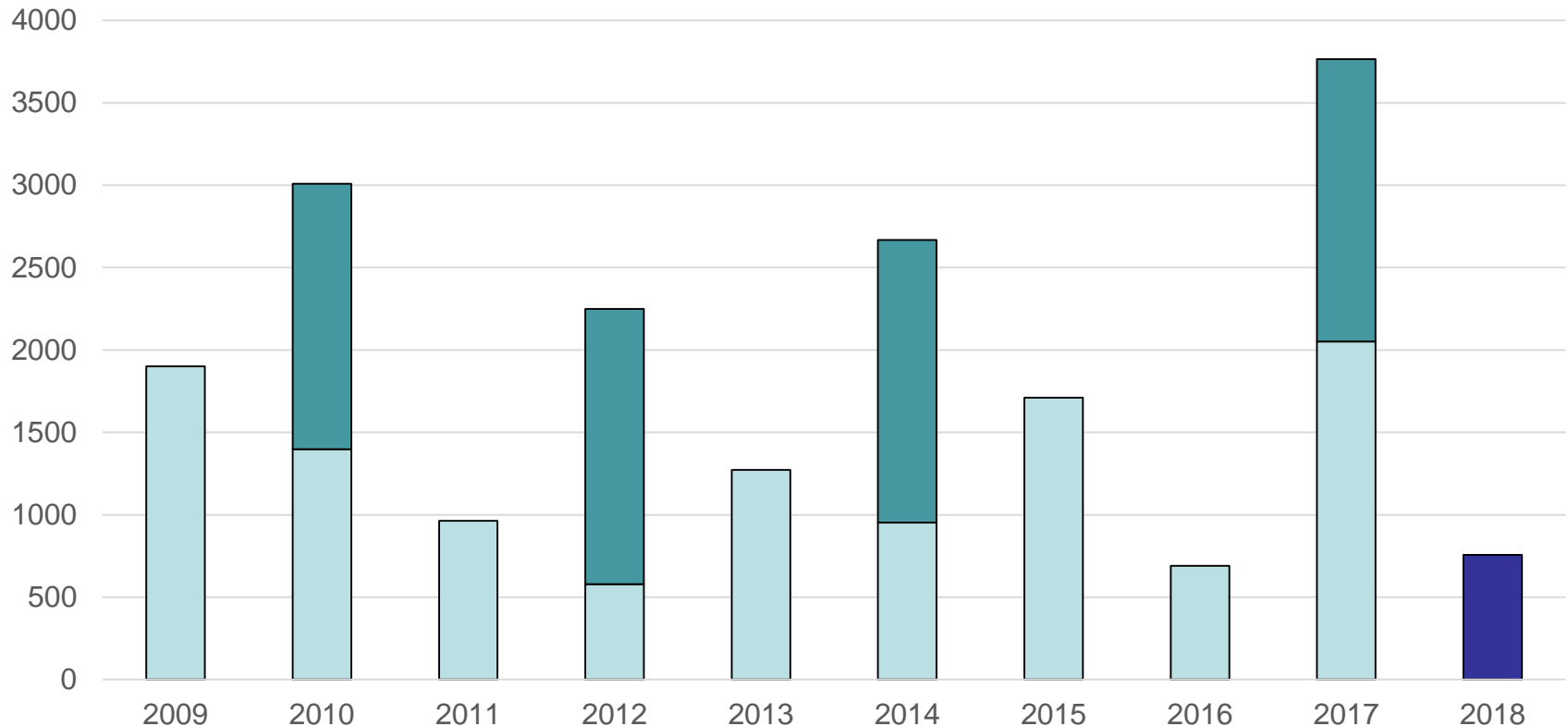
- *AASHTO 2019 Interim to the Bridge Welding Code, 7th Ed. (BWC-7-I2)*
- *Manual for Bridge Evaluation, 3rd Ed. (MBE-3-I1)*
- *LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals (LRFDLTS-1-I3)*
- *Structural Supports for Highway Signs, Luminaires and Traffic Signals (LTS-6-I2)*

- **Erratum**

- *Manual for Bridge Evaluation, 3rd Ed. (MBE-3-E1)*



Total Page Count Comparison



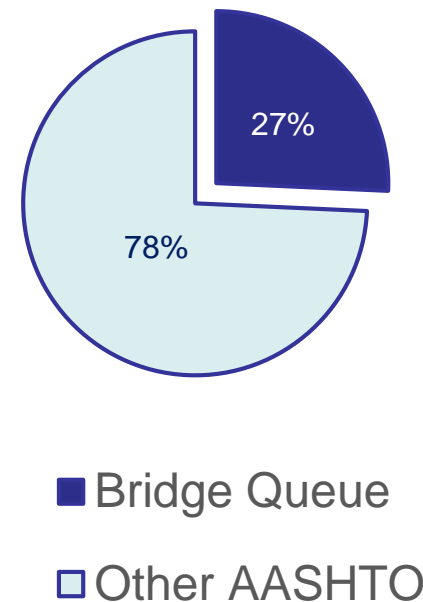
Note: Darker bars stacked on top in 2010, 2012, 2014, & 2017 are LRFD Bridge Design editions (another is slated for early 2020).

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Bridge Title Sales, 2018–2019

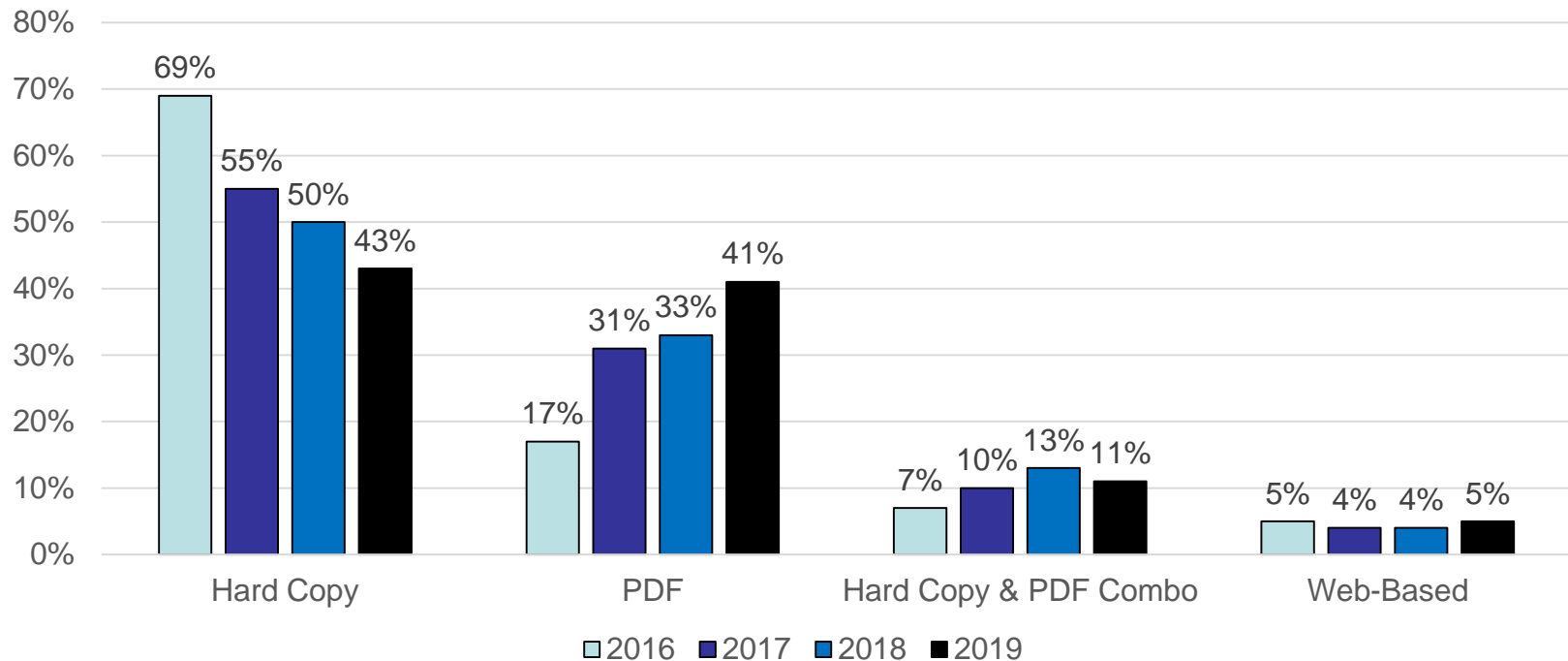
- Bridge titles made up 27% of AASHTO's total publications sales
 - *A Policy on Geometric Design of Highways and Streets, 7th Ed.* (Design's "Green Book") came out this year, last ed. was 2011
- The LRFD titles represent 19% of total AASHTO publication sales.

Total 2018–2019 AASHTO Publications Sales



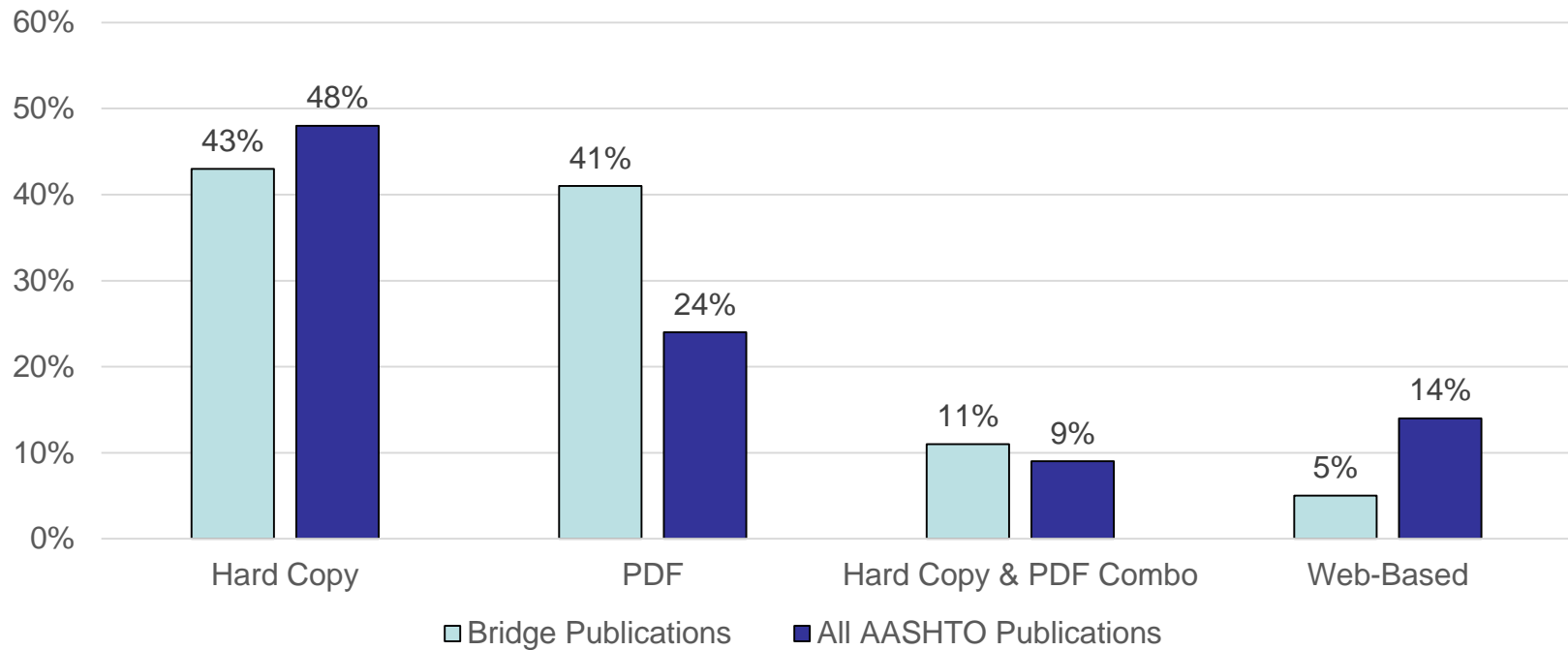
Bridge Title Sales by Format, 2016–2019

Bridge Title Sales By Format



Bridge Title Sales vs. Total Sales by Format, 2019

Sales By Format



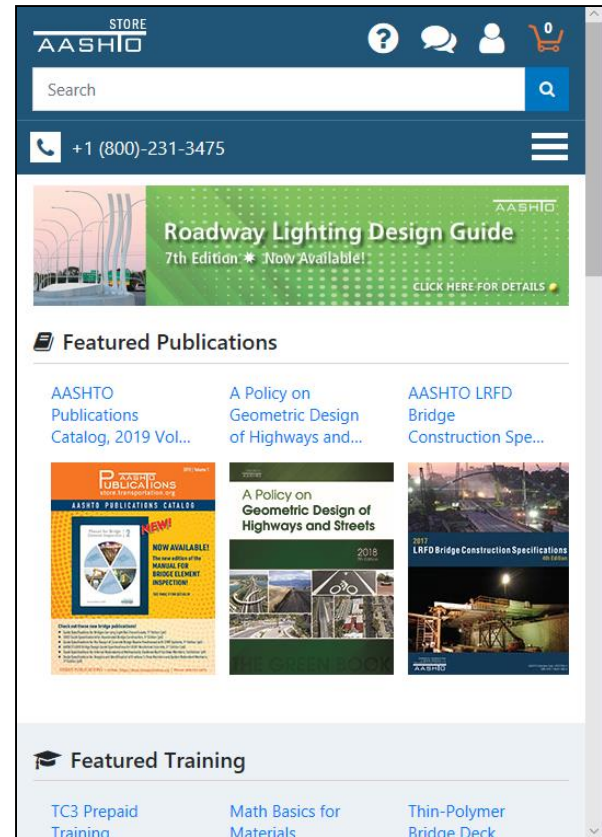
Digital Transmittal Process

- Upon the release of a new digital publication...
 - E-mail notification will be sent out to CBS, with cc to BoD, state DOT librarian listing
 - Publications themselves (hard copy) or access code (digital) will be sent to DOT “gatekeeper,” including step-by-step instructions
 - Once received, the DOT “gatekeeper” must gain access to site through an E-Affiliate account and then “purchase” the said document (\$0)
 - ❖ It is STRONGLY recommended that each state use a shared generic login, because once that doc is “purchased” that is the login needed to gain access to that file
 - ❖ Ex: MoDOT uses aashtopubs@modot.mo.gov
 - The subscription can allow up to 5 different users at any given time.
 - All digital PDFs include the option to print the material



New and Improved AASHTO Store...

- Refreshed Summer 2018
- Better navigation to make it easier to find things
 - Clearer specification of publication formats
- Easier to view on mobile devices
- TC3 online training courses now found in Store (NTPEP plans to join Fall 2019)



New PDF Publications Features!

NEW

- Offline/“Airplane” Mode (Laptop/Desktop Only)
- Better compatibility w/ Bluebeam Revu viewer
- OCR of Tables of Contents of archived books on the AASHTO Store
- Things We’re Investigating with Vendors (No Timeline Yet):
 - ❖ Digital Pre-ordering
 - ❖ Mobile/Tablet access (Android/iPhone)
 - ❖ Annotation persistence across editions



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Looking Ahead for 2019–2020 (1/3)

- New editions on ballot for next year's queue

(subject to approval in General Session and priority by Exec Cmte):

- *Culvert & Storm Drain System Inspection Manual*, 261 pp. total
 - ❖ Appendices A&B balloted this year, Body text passed last year
- *LRFD Bridge Design Specifications*, 9th Ed., 1,710 pp.
- *Guide Specifications for the Design and Construction of Temporary Bridges*, 20 pp.
- *Guide Specification for Service Life Design of Highway Bridges*, 200 pp.
- *Guide Specifications for Bridge Preservation Actions*, 310 pp.
- *Historic Bridge Preservation Guide Specification*, 80 pp.



Looking Ahead for 2019–2020 (2/3)

- New editions on ballot for next year's queue, cont'd:
 - *Guide for Design and Construction of Near-Surface Mounted Titanium Alloy Bars for Strengthening Concrete Structures*, 50 pp.
 - *NSBA S10.1, Steel Bridge Erection Guide Specification*, 3rd Ed. 100 pp.
 - *NSBA G4.1, Steel Bridge Fabrication QC/QA Guide Specification*, 2nd Ed. 35 pp.
 - *NSBA G13.1, Guidelines for Steel Girder Bridge Analysis*, 3rd Ed., 200 pp.



Looking Ahead for 2019–2020

(3/3)

- Interims on ballot (subject to approval in General Session):
 - *AASHTO 2020 Interim to the Bridge Welding Code*, 7th Ed.
 - *Guide Specifications for Bridge Temporary Works*, 2nd Ed.
 - *Manual for Bridge Evaluation*, 3rd Ed.
 - *Structural Supports for Highway Signs, Luminaires and Traffic Signals*, 6th Ed.
 - *LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals*
 - *AASHTO LRFD Bridge Design Guide Specifications for GFRP Reinforced Concrete*, 2nd Ed.
- *Revisions to LRFD Bridge Construction Specifications*



Questions?

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