



2022 AASHTOWare Rating and Design Bridge User Group (RADBUG) Meeting

MEETING AGENDA

August 2–3, 2022
New Orleans, Louisiana



AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS
AASHTO

MEETING AGENDA

TUESDAY, AUGUST 2, 2022

7:00 a.m.–8:00 a.m.

Breakfast

Fleur de Lis Ballroom

7:00 a.m.–5:00 p.m.

Registration Open

Fleur de Lis Ballroom

8:00 a.m.–10:00 a.m.

General Session

Fleur de Lis Ballroom

Welcome Remarks

William J. Metcalf, P.E., *Louisiana DOTD*

Opening Remarks

Zheng Zheng “Jenny” Fu, P.E., *Bridge Design Engineer Administrator, Louisiana DOTD*

Dana Feng, P.E., Ph.D., *Louisiana DOTD*

AASHTOWare Overview

Ryan Fragapane, *AASHTO*

AASHTOWare Bridge Task Force Update

Todd Thompson, P.E., *South Dakota DOT*

FHWA Update

Tom Saad, P.E., *FHWA Structures Technical Service Team*

10:00 a.m.–10:15 a.m.

Break

10:20 a.m.–Noon **General Session**

Fleur de Lis Ballroom

Rating Tied Arch Structure with BrDR

Durk Krone, P.E., and Xianzhi Lui, P.E.
TRC Engineers, Inc.

Upgrading with Arc Tool

Mary Smith, P.E., *Montana DOT*

Mike Johnson, P.E., *Idaho TD*

10:20 a.m.–Noon

Concurrent Training Session

Lemoyne Ballroom

AASHTOWare BrDR Fundamentals Training Session Part 1

Noon–1:00 p.m.

Lunch Provided

Grand Chapel

1:00 p.m.–3:00 p.m.

General Session

Fleur de Lis Ballroom

Using BrD as a Design Tool for Digital Delivery

Julianne Fuda, P.E., *New York State DOT*

Improved Continuous Stringer Ratings Using BrR

William J. Metcalf, P.E., *Louisiana DOTD*

Non–Routine Application and Bridge Load Rating Using BrR

C.Y. Yong, P.E., *Michael Baker International*

1:00 p.m.–3:00 p.m.

Concurrent Training Session

Lemoyne Ballroom

AASHTOWare BrDR Fundamentals Training Session Part 2

3:00 p.m.–3:15 p.m.

Break

3:20 p.m.–5:00 p.m.

General Session

Fleur de Lis Ballroom

OS/OW Permitting & Routing System

Tim Pilcher, *ProMiles*

Load Rating Tool

Damian Silverstrim P.E., *AI Engineers*

Distribution Factor Adjustments for Non-Standard Gauge (NSG) Vehicles

Travis Butz, P.E., *Burgess & Niple, Inc.*

5:00

Adjourn

5:30 p.m.–7:00 p.m.

ProMiles RADBUG Meet & Greet

The Grand Chapel–11th Floor

2022 AASHTOWare Rating and Design Bridge User Group (RADBUG) Meeting

WEDNESDAY, AUGUST 3

7:00 a.m.–8:00 a.m.

Breakfast

Fleur de Lis Ballroom

7:00 a.m.–5:00 p.m.

Registration Open

Fleur de Lis Ballroom

8:00 a.m.–10:00 a.m.

General Session

Fleur de Lis Ballroom

BrDR 7.1 and 7.2 New Features and
Enhancements (60 mins)

Krishna Kennelly, P.E., and Subhadeep Ghosh, P.E.,
ProMiles

BrDR 7.3 Preview (30 mins)

Herman Lee, P.E., *ProMiles*

A Quick Guide to BrDR Issue Reporting
(20 mins)

Mark Mlynarski, P.E., *ProMiles*

10:00 a.m.–10:15 a.m.

Break

10:20 a.m.–Noon

Concurrent AASHTOWare BrD Training

St. Charles Ballroom

- Prestressed Concrete Design Tool
- Analysis Results Comparison Tool

10:20 a.m.–Noon

Concurrent AASHTOWare BrR Training

Lemoyne Ballroom

- Advanced Concrete Beams
- Analysis Results Comparison Tool

Noon–1:00 p.m.

Lunch Provided

Grand Chapel

1:00 p.m.–3:00 p.m.

Concurrent AASHTOWare BrR Business Meeting

(Voting Members Only)

Fleur de Lis Ballroom

General Business Forum

Kelly Tomjanovich, P.E., *Wisconsin DOT*

1:00 p.m.–3:00 p.m.

Concurrent AASHTOWare BrD Business Meeting

(Voting Members Only)

Lemoyne Ballroom

General Business Forum

Julianne Fuda, P.E., *New York State DOT*

1:00 p.m.–3:00 p.m.

Concurrent Non-Member Discussion

St. Charles Ballroom

3:00 p.m.–3:15 p.m.

Break

3:20 p.m.–5:00 p.m.

General Session

Fleur de Lis Ballroom

NBIS Impact on Load Rating

Thomas Drda, P.E., *FHWA*

BrDR Database—Everything New You Need
to Know

Kyle Plummer, *ProMiles*

Special Consultant Agencies and
Concur Training

Ryan Fragapane, *AASHTO*

Closing Remarks

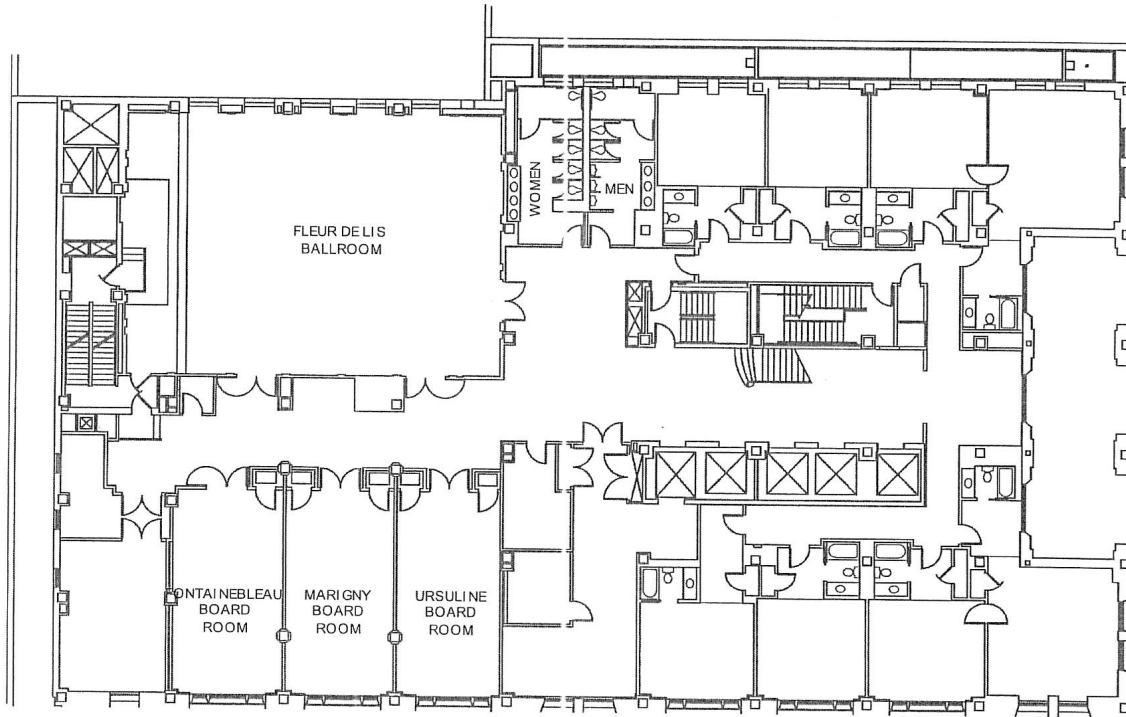
William J. Metcalf, P.E., *Louisiana DOTD*

5:00

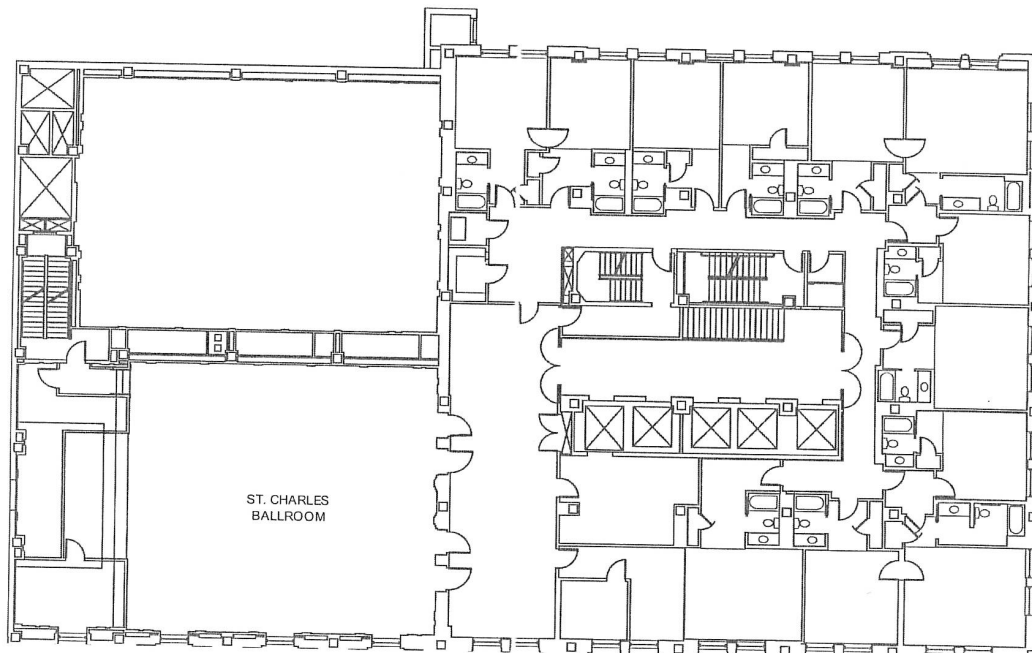
Adjourn

Hotel Floorplans

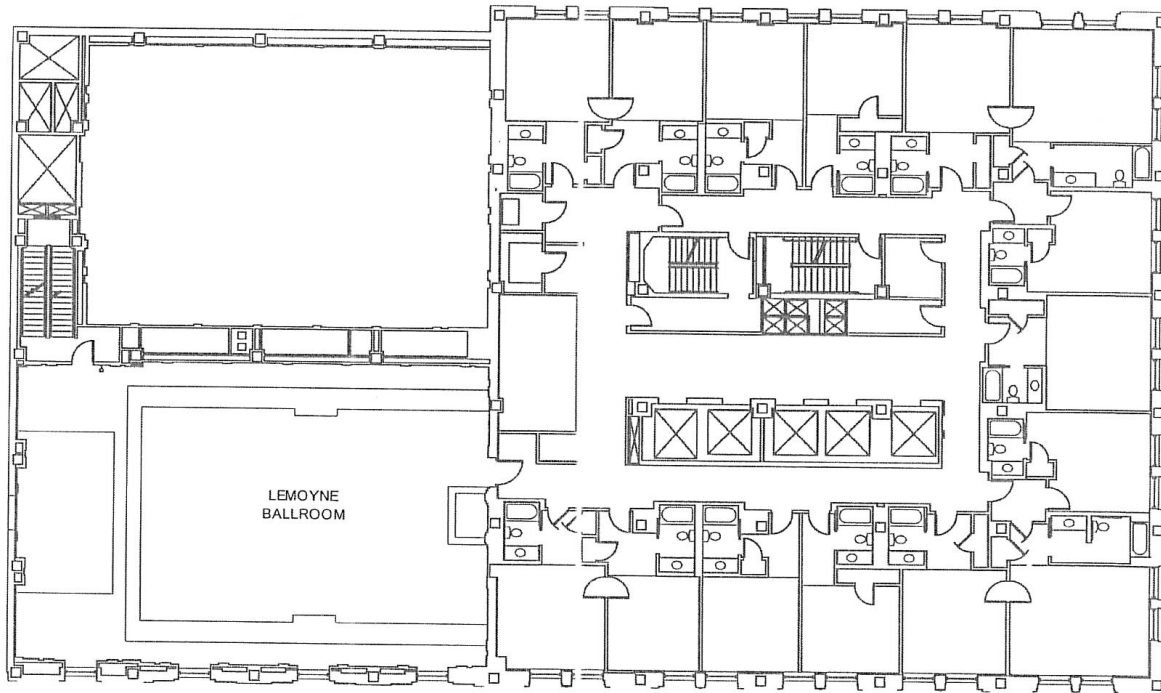
2nd Floor



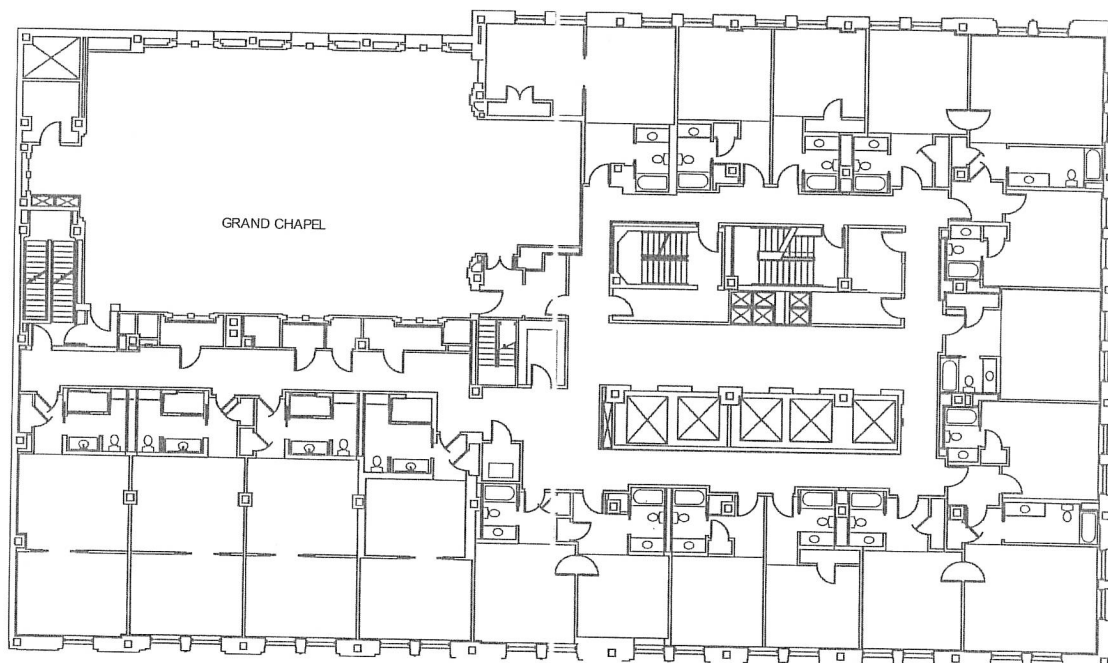
3rd Floor



5th Floor



11th Floor



CODE OF CONDUCT

To foster a positive environment built upon a foundation of trust, respect, open communications, and ethical behavior, the American Association of State Highway and Transportation Officials (AASHTO) Board of Directors has issued a Code of Conduct that applies to AASHTO staff, Association members, and all AASHTO meeting and event attendees, for the duration of AASHTO events or when participating in other events representing AASHTO.

At all times, AASHTO staff, Association members, and meeting and event attendees, will be expected to abide by the Code of Conduct, specifically:

1. Contribute to a collegial, inclusive, positive, and respectful environment.
2. Consistently show respect to others and never take any inappropriate actions based on race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, marital status, political affiliation, presence of disabilities, or educational background.
3. Interact with others in a cooperative and respectful manner, never using insulting, harassing, or otherwise offensive language in their interactions. Disruptive, harassing, or inappropriate behavior toward other AASHTO staff, Association members, and meeting and event attendees, is unacceptable. Personal boundaries set by others must be observed. Harassment of any kind, including but not limited to, unwelcome sexual advances and other verbal or physical harassment will not be tolerated.
4. Obey all applicable laws and regulations of the relevant government authorities while acting on behalf of AASHTO; obey all applicable laws and regulations of the relevant government authorities while attending AASHTO meetings and events, and comply with all applicable safety guidelines.

Violations

Violations of this Code of Conduct should be reported promptly to AASHTO staff for investigation, or can be submitted to humanresources@aaashto.org, or reported to the AASHTO Executive Director or AASHTO President if appropriate. To the extent possible, AASHTO will try to keep the reporting individual's concerns confidential; however confidentiality cannot be guaranteed, and the reporting individual's identity may need to be revealed as the claim is investigated. Anyone, regardless of position or title, AASHTO determines has engaged in conduct that violates this policy will be subject to corrective action depending on the nature of the violation. Retaliation for reporting perceived violations in good faith or for cooperating in the investigations of any claims will not be tolerated.

*Approved by the AASHTO Board of Directors
October 9, 2019*

2022 Rating and Design Bridge User Group (RADBUG) Meeting			
To be eligible to receive PDHs, check off the sessions you attended and retain for your records.			
Date/Time	Session	PDH Max	Enter PDH Earned
Tuesday, August 2, 2022			
Tuesday, 8:00 AM - 10:00 AM	Opening Session * RADBUG President's Welcome * Opening Remarks * AASHTOWare Overview * AASHTOWare Bridge Task Force Update * FHWA Update	2.00	
Tuesday, 10:20 AM - 12:00 PM	General Session / Training Session * Rating Tied Arch Structure with BrDR * Upgrading with Arc Tool * BrDR Fundamentals Training Part 1	1.60	
Tuesday, 1:00 PM - 3:00 PM	General Session / Training Session * Using BrDR as a Design Tool for Digital Delivery * Improved Continuous Stringer Ratings Using BrDR * Non - Routine Application and Bridge Load Rating Using BrR * BrDR Fundamentals Training Part 2	2.00	
Tuesday, 3:20 PM - 5:00 PM	General Session * OS/OW Permitting & Routing System * Load Rating Tool * Distribution Factor Adjustments for Non-Standard Guage Vehicles	1.60	
Wednesday, August 3, 2022			
Wednesday, 8:00 AM - 10:00 AM	General Session * BrDR 7.1 & 7.2 New Features and Enhancements * BrDR 7.3 Preview * A Quick Guide to BrDR Issue Reporting	2.00	
Wednesday, 10:20 AM - 12:00 PM	*BrD & BrR Training	1.60	
Wednesday, 1:00 PM - 3:00 PM	* BrD & BrR Business Meeting	2.00	
MEMBER AGENCIES ONLY			
Wednesday, 3:20 PM - 5:00 PM	General Session * NBIS Impact on Load Rating * BrDR DataBase * Special Consultaning Agencies & Concur Training * Closing Remarks	1.60	
Total Hours		14.40	0.0
Print Name			
Company / Agency			
Signature			
KEEP FOR YOUR RECORDS - DO NOT RETURN TO AASHTO			

**2023 AASHTOWare Rating and
Design Bridge User Group (RADBUG) Meeting**
August 8–9, 2023
Madison Concourse Hotel | Madison, Wisconsin



AASHTO

**American Association of State
Highway and Transportation Officials**
555 12th St., NW, Suite 1000
Washington, DC 20004

[transportation.org](https://www.transportation.org)