

**Summary Minutes Of The
AASHTOWare Bridge Design-Rating (BrDR) Task Force Meeting
October 26 - 27, 2016 Asheville, NC**

Table of Contents

| | |
|--|---|
| General Information – Meeting of the Bridge Design & Rating Task Force | 3 |
| Agenda Item 0: Review Agenda/Assign Minutes Recorder | 3 |
| Agenda Item 1: Prior Business | 3 |
| 1a. Review August Meeting Minutes..... | 3 |
| 1b. Review Action Items..... | 3 |
| Agenda Item 2: Financial Overview and Work Plan Summary | 3 |
| 2a. Update on Phase 21 (FY2017) | 3 |
| 2b. Update on 6.8 Release Work Plan..... | 3 |
| 2c. Update on Modernization Work Plan (June 2019)..... | 3 |
| 2d. Update on P/S Design Tool Work Plan..... | 4 |
| 2e. Update on FE Engine Modernization Work Plan | 4 |
| Agenda Item 3: Update on BrD/BrR Licensees (FY 2016) | 4 |
| 3a. Product Report | 4 |
| 3b. Service Unit Report..... | 5 |
| 3c. Evaluation Software Report | 6 |
| Agenda Item 4: Support and Maintenance Report..... | 6 |
| 4a. Incident and Support Summary | 6 |
| 4b. Progress on Bug Resolution | 6 |
| 4c. Enhancement List Update..... | 6 |
| 4d. Maintenance Issues | 6 |
| Agenda Item 5: Update on 6.8.2 (June 2017 release) | 6 |
| 5a. Progress and Schedule Review..... | 6 |
| 5b. TAG Update | 6 |
| Agenda Item 6: Update on P/S Design Tool and FE Engine Modernization | 6 |
| 6a. Finite Element Engine Conversion Status | 6 |
| 6b. P/S Design Tool Update and Demo..... | 7 |
| 6c. Rating Tool Update | 7 |
| 6d. Regression Tool Update | 7 |
| Agenda Item 7: Modernization | 7 |
| 7a. Update..... | 7 |
| Agenda Item 8: FY2018 – Preliminary Discussion..... | 9 |
| Agenda Item 9: Enhancements | 9 |
| 9a. Rating Tool Enhancement Requests (email from Dean Teal) | 9 |
| 9b. P/S Design Tool Phase 2 Enhancements..... | 9 |
| 9c. Michigan Password Change Functionality (JIRA 982)..... | 9 |



| | |
|---|----|
| 9d. Spec Updates..... | 10 |
| 9e. Caltrans..... | 10 |
| Caltrans is interested funding the following enhancements. | 10 |
| 9f. Idaho | 11 |
| 9g. Illinois Rating Tool Request | 11 |
| Agenda Item 10: Miscellaneous Topics | 11 |
| 10a. Support for Windows 10..... | 11 |
| 10b. Splash screen issue..... | 11 |
| Agenda Item 11: Third Party Issues | 11 |
| 11a. Long-term Strategy | 11 |
| Agenda Item 12: User Group | 11 |
| 12a. Summary Minutes from August Meeting..... | 11 |
| 12b. Follow-up Actions from the 2016 RADBUG meeting..... | 11 |
| 12c. 2017 RADBUG Venue | 11 |
| Agenda Item 13: Work Plans..... | 12 |
| 13a. P/S Design Tool Work Plan Phase 2 Amendment..... | 12 |
| 13b. Planning Estimates | 12 |
| 13c. Future Work Plans | 12 |
| Agenda Item 14: FHWA Update | 12 |
| Agenda Item 15: Five Year Projection for BrDR..... | 12 |
| Agenda Item 16: Licensing Issues | 13 |
| 16a. Third-Party Add-Ons | 13 |
| 16b. Future of Bundling Modules (Post-Modernization) | 13 |
| Agenda Item 17: Marketing Activities..... | 13 |
| Agenda Item 18: Review Action Item list from this meeting | 13 |
| Agenda Item 19: Task Force Executive Session (as needed)..... | 13 |



General Information – Meeting of the Bridge Design & Rating Task Force

Date: Wednesday, October 26 – Thursday, October 27, 2017

Participants:

| | | | |
|-----------------|-----------------|------------------------------|---------------------|
| AASHTO | Judy Skeen | AASHTO | Project Manager |
| SCOJD | Bruce Johnson | Oregon DOT | SCOJD Liaison |
| T&AA | Wally Ballou | Kansas DOT | T&AA Liaison |
| BrDR Task Force | Todd Thompson | South Dakota DOT | Chair |
| | Joshua Dietsche | Wisconsin DOT | Bridge Rating (BrR) |
| | Jeff Olsen | Montana DOT | Bridge Design (BrD) |
| | Dean Teal | Kansas DOT | Bridge Design (BrD) |
| | Lubin Gao | FHWA | FHWA Guest |
| BrM Task Force | Beckie Curtis | Michigan DOT | Bridge Management |
| | Thomas Martin | Minnesota DOT | Bridge Management |
| | Mark Faulhaber | Kentucky TC | Bridge Management |
| BrDR Contractor | Jim Duray | Michael Baker, International | BrDR Contractor |
| | Herman Lee | Michael Baker, International | BrDR Contractor |

Notes Taker: Josh Dietsche / Judy Skeen

Agenda Item 0: Review Agenda/Assign Minutes

Recorder

Todd Thompson opened the meeting at 10:10 am. Josh Dietsche was assigned as the meeting minute's recorder. The agenda was reviewed and no items were added.

Agenda Item 1: Prior Business

1a. Review August Meeting Minutes

Minutes from the August 4, 2016 Task Force Meeting in San Antonio, TX were reviewed. All occurrences of 'Judy Skeen' will be changed to 'Judy Tarwater'. With these changes, the meeting minutes were approved.

1b. Review Action Items

Jeff Olsen reviewed the Action Items.

Agenda Item 2: Financial Overview and Work Plan

Summary

2a. Update on Phase 21 (FY2017)

Baker provided an update on the FY2017 MSE work plan and provided a financial overview.

2b. Update on 6.8 Release Work Plan

Baker provided an update on the 6.8 release work plan as of 09/30/16. Most of the tasks have been completed 100%. FP3 (Validation Testing and Release Production) is 90% completed, FP10 (Regression Tool) is 60% completed, FP17 (Rating Tool) is 80% completed and FP20 (Utility for Copying, Replacing and Deleting Bridges) is 80% completed.

2c. Update on Modernization Work Plan (June 2019)

Baker provided an update on the Modernization Project work plan as of 09/30/16.



2d. Update on P/S Design Tool Work Plan

Baker advised that Phase I of Prestressed Concrete Design Tool is 100% complete and has been released. Work on Phase II is 10% complete. This represents funds used from Phase II that were used to connect to the new modernized FE engine. Other tasks have been initiated but have not reached billable milestones. The taskforce needs to make a decision on how to proceed with Phase II; this will be discussed in agenda item 9b.

2e. Update on FE Engine Modernization Work Plan

Baker provided an update on the Phase 19 FE Engine Modernization. The FE Engine is being converted and enhanced to C#. 90% of the development is complete. Rob is continuing to evaluate test cases. The contract for this work ends in December 2016.

Agenda Item 3: Update on BrD/BrR Licensees (FY 2016)

3a. Product Report

Judy Tarwater presented a product license summary report developed from the Excel output from AASHTOWare Manager. The report included licenses ordered as of 10/16/16.



| Item | FY2015 | FY2016 | FY2017 | Sponsoring Agency |
|--|--------|--------|--------|---------------------------------------|
| Bridge Design - 120-Day Evaluation License | 2 | 2 | 6 | |
| Bridge Design Developer License | 1 | 1 | 2 | |
| Bridge Design Educational License | 9 | 14 | 7 | |
| Bridge Design Single Workstation Option | 2 | 1 | 2 | |
| Bridge Design Special Consultant Option | 35 | 36 | 32 | |
| Bridge Design Unlimited Option | 17 | 17 | 15 | |
| Bridge Design/Rating Service Units | 31 | 50 | 87 | |
| Bridge Rating - 120-Day Evaluation License | 3 | 10 | 3 | |
| Bridge Rating Agency Sponsored Consultant Licenses | 2 | 2 | 3 | Illinois, Michigan, Virginia |
| Bridge Rating Developer License | 3 | 4 | 4 | |
| Bridge Rating Educational License | 11 | 17 | 6 | |
| Bridge Rating Single Workstation Option | 20 | 17 | 21 | |
| Bridge Rating Special Consultant Option | 339 | 369 | 314 | |
| Bridge Rating Unlimited Option | 33 | 34 | 37 | ** |
| Sponsored Consultant Licenses (Bridge Rating) - No Fee | N/A | N/A | 0 | Illinois Department of Transportation |
| Sponsored Consultant Licenses (Bridge Rating) - No Fee | 128 | 95 | 78 | Michigan Department of Transportation |
| Sponsored Consultant Licenses (Bridge Rating) - No Fee | 110 | 92 | 78 | Virginia Department of Transportation |

** Non-Member BrR Unlimited Licensees.

Judy directed the Task Force to the full report which is posted on SharePoint under the Br Design-Rating directory. Br Design-Rating -> BrDR Licenses -> FY2016 -> BrDR EndUserDesignee 101416 with Summary – CURRENT. The full report includes FY2016 licenses ordered to date.

- sorted by Agency Name

- shaded by license type

We have added one agency-sponsored consultant license; Illinois.

3b. Service Unit Report

Baker presented the service unit summary report. 87 new service units have been purchased in FY2017. Michigan will contribute 63.8 service units



in FY2017 to support the BrDR Modernization Project.

As noted above in the Action Item BrDR-37, Illinois will use 2 service units to fund FP20.

3c. Evaluation Software Report

The current summary of BrDR software evaluations was discussed. In general, we have been receiving more evaluation requests and Baker just sent out a number of follow-up surveys. The most recent version of this report is posted on SharePoint. The Rating Tool will be available for evaluation via an evaluation copy of Bridge Rating.

The Task Force discussed conducting periodic live webinars to communicate information on BrDR functionality.

Agenda Item 4: Support and Maintenance Report

4a. Incident and Support Summary

Baker presented the Defect History Report through release 6.8. 72 new defects have been added since the last Task Force meeting in June 2016; none of these were identified as urgent or critical. The total number of defects reported were 2092. Currently, 1974 defects have been resolved; 67 defects are not reproducible; 2 defects need more information; and 49 defects are unresolved. Of the 49 unresolved defects, 45 defects are termed as high priority.

The Task Force had a discussion on whether to continue tracking BRASS issues. Currently, Baker passes along all BRASS-related JIRA items to BridgeTech. Baker is not able to track the resolution or criticality of these issues. Dean notes that he has also reported BRASS issues directly to WYDOT. There's a perception amongst the taskforce that fewer states are using BRASS.

4b. Progress on Bug Resolution

Baker reviewed Maintenance Progress reports for the 6.8.1 release as of 10/14/16. For the 6.8.1 release, out of 185 total reported incidences, 135 have been resolved and 50 are assigned for resolution.

4c. Enhancement List Update

Baker presented an update on the Enhancement List. Two handouts were provided; TAG Enhancements Bucket List and total BrDR Enhancement List. BRDR-1043 (add a live load summary file to list the critical truck/tandem location for all load cases for 3D FEM analysis) was developed and included in 6.8.1. 22 new enhancement requests were added to the BrDR Enhancement List since the last Task Force meeting. Since the last TAG review of the list, 8 new enhancements have been added to the list.

4d. Maintenance Issues

No discussion.

Agenda Item 5: Update on 6.8.2 (June 2017 release)

5a. Progress and Schedule Review

Baker reviewed the list of specification updates and put together a cost estimate to implement in 6.8.2. This will be discussed in agenda item 9d.

5b. TAG Update

Discussed during the joint AASHTOWare Bridge Task Force meeting.

Agenda Item 6: Update on P/S Design Tool and FE Engine Modernization

6a. Finite Element Engine Conversion Status

Development of the FE Engine Conversion is complete. Baker is currently enhancing test cases. The contract end date is 12/31/16. Neither Baker nor the Task Force see a need to extend the



contract. The modernized engine is included with the PS design tool.

6b. P/S Design Tool Update and Demo

The Prestressed Concrete Design Tool was included in release 6.8. The Task Force will discuss how to proceed with Phase II in agenda item 9b. Baker advised that they may consider requesting another contract amendment to extend the contract end date past 12/31/16 to complete the work on Phase II. The issue will be discussed further under agenda item 13a.

6c. Rating Tool Update

The Rating Tool was released in version 6.8.1. There is a developer license patch for the rating tool API that was in the 6.8.1 release.

6d. Regression Tool Update

Baker provided an update on the Regression Tool and explained the scenarios that are currently being tested. There are two versions:

- With the “user” version, the user can pick two files and run a comparison on a given parameter. This is a simpler version and was sent to the Beta TAG on 10/26. The Task Force will give users until 11/4 to test and report any issues.
- The more complicated version can compare many bridges and the user can select which parameter(s) to compare. Baker is hoping to send the beta version to Dean by Friday, 10/28.

The Regression Tool beta version was released yesterday and the production software is anticipated to be released in November 2016. Users will need to turn on a control option in order to save reports to use with the regression tool moving forward.

Agenda Item 7: Modernization

7a. Update

The development of a window is accomplished in three phases: 1) the view, 2) the coding to support the functionality, and 3) the connection to data. 800 window views have been created, 400 of these have the code behind them developed and 200 of these are connected to the database. Windows development tasks have been set up to track the development for each individual window. This tracking will be used to generate the alpha test plan. The same process will be followed to support the engine development. The engine work is similar to the work performed on the prestressed design tool with regard to the process Baker is following. There will be a domain within the engine (model domain) will be separate from the remainder of the application to allow the engine to be used from other sources.

Staff that will work on the engine were working on 6.8.1 and the report tool. Baker is currently ahead of schedule on the UI, behind schedule a little on the engine.

7b. TAG Update

Dean Teal provided the Task Force with a list of the BrDR Modernization TAG membership and their contact information. While not an official member of the TAG, Tisha Hyde (Idaho TD) is also actively participating in TAG reviews.

7c. TAG Mockup Schedule

Baker presented the modernization user interface mockup review schedule (review begin/end time frames). The ‘end of the bar’ denotes the deadline for Task Force finalization and approval.

The latest review package is large (309 pages) and the vast majority of windows in the review package aren’t changing. The Task Force discussed which mock-ups should be sent to the TAG for



review and made the decision to continue to send all the window mock-ups, including windows that are not being changed, clearly separating the unchanged and changed windows into separate documents. This approach will ensure the TAG has exposure to all the windows while also directing them to the windows with changes to facilitate their timely review.

Three (3) columns will be added to the TAG review summary documents: 1) Baker Comments, 2) Baker Recommendation, 3) Task Force direction on how to handle the proposed TAG feedback.

Baker Recommendation:

- Include (comment can be addressed during modernization for little or no additional cost)
- Discard (comment has already been addressed or isn't in the best interest of the software)
- Enhancement (will be an additional cost, determine full scope and cost estimate at a later date)
- No action required (comment is simply a question that requires a response or a general statement without a specific request).

Task Force Direction:

- Include
- Discard
- Enhancement
- No action required

The TAG members will continue to send their comments to Dean Teal. Dean will forward TAG comments to Baker as he receives them, in order to help expedite the review process. Dean will also summarize the comments and forward the

summary to the Task Force, Baker, and the TAG members.

7d. TAG Comments on Main Explorer Conceptual Mockups

The Task Force reviewed the TAG comment summary with Baker responses. The decision was made to assign a tracking number to each TAG comment in order to facilitate the management and tracking of TAG recommendations. Decisions were made on which recommendations would be incorporated. All comments with decisions will be posted to the Sharepoint site and shared with Modernization TAG.

7e. TAG Comments on Mockups

The Task Force reviewed the TAG comment summaries with Baker responses and made decisions on which recommendations to incorporate.

- Configuration Mockups
- Library Mockups

7f. Proposed Window Changes and Discontinued Features

The Task Force reviewed the proposed changes document. TAG comments are due back to Dean Teal by 11/11/16. Baker highlights pages 6 and 7. The taskforce agrees with Baker's recommendation to move to a static bitmap and labeled text control boxes. Baker will provide a mock-up of the recommended modification.

In general, the process for reviewing and processing modernization review comments will be:

- Collect and combine TAG review comments (Judy).
- Baker to review and provide comments.



- TAG review comments and Baker commentary are sent to the Task Force for review.
- Task Force will discuss and resolve all comments via conference call or Task Force meeting, depending on timing.
 - For this next round of comments, a conference call will likely be scheduled shortly after Thanksgiving.

There is also discussion on whether we should schedule an in-person meeting with the Modernization TAG prior to the next user group meeting.

Agenda Item 8: FY2018 – Preliminary Discussion

8a. Catalog

License fees for member agencies will remain the same. The Special Consultant option licenses will increase to \$4,600. Language on the sunset of the pre-modernized release will be added to the FY2018 catalog to notify the users that (June of 2019 is the first release of the modernized product and June of 2020 will be the last release of the legacy BrDR). Support for the legacy product will end in June 2021. Consensus is not to put an expiration date on the legacy software.

The Task Force discussed options for licensing the Prestressed Design Tool and the Rating Tool going forward. Consensus was that the rating tool will not be offered as a stand-alone product (there would be no purpose). Consensus was that the PS Design Tool will always be offered with BrD. The PS Design Tool will also be offered with both BrD and BrR for the 6.8.2 release. We will not consider licensing the PS design tool as a stand-alone product until the FY19 catalog. Some options discussed include:

- Deliver the Prestressed Design Tool with Bridge Design only

- Offer the Prestressed Design Tool as a standalone product
- Deliver the Rating Tool with Bridge Rating only
- Offer the Rating Tool as an add-on with Bridge Rating for an additional cost
- Turn off the rating import option in Bridge Rating and require a separate license for the Design Tool

8b. FY 2018 MSE Work Plan (ANC-8b)

Baker presented a draft high level MSE work plan for FY2018. Baker will develop the details based on the budget summary presented. Baker will develop the draft by mid-January.

Agenda Item 9: Enhancements

9a. Rating Tool Enhancement Requests (email from Dean Teal)

Permit Analysis Settings window for the Load Rating Tool. Beta TAG commented in BRDRBETA-707 and 717 that the way an analysis template has to be created and saved in the database before they can use the Load Rating Tool is inefficient. They would like a more direct way to specify the permit vehicles for use by the Load Rating Tool and the permit vehicles should not be required to be created in the library upfront before using the tool.

9b. P/S Design Tool Phase 2 Enhancements

The Task Force reviewed the Prestressed Design Tool Phase II scope list, discussing the level of effort and priority of each enhancement request. We have only received feedback from a few users since Phase I was implemented. The Task Force needs to review this list along with new enhancement requests and prioritize.

9c. Michigan Password Change Functionality (JIRA 982)

MIDOT requests that the login screen be enhanced to allow users to change their passwords on demand. The system administrator should have



the ability to set the amount of time between password resets. MIDOT requests the enhancement be include in Phase 1 and Phase 2 of the modernization project.

9d. Spec Updates

- 2017 Spec Update Estimate
Baker provided an estimate. A contract mod is not necessary at this point given the fact that funds are available under other time and materials tasks to support this effort. A contract mod may be required later in the year if other time and materials tasks are performed to the full amounts budgeted.
- 8th Edition (2017) Change Summary
Baker presented a summary of 2016 approved ballot items for the 2017 interims, noting which ballot items will require changes to BrDR.

9e. Caltrans

Caltrans is interested funding the following enhancements.

| | | |
|---|---|-------------|
| 1 | Superstructure should be "dynamically" linked to substructure of MCB | BRDRSUP-937 |
| 2 | Setting password for all users | |
| 3 | Limiting "Lever Rule" values of One Lane LLDF to Multi Lane LLDF, since Multi Lane LLDF includes the single Lane LLDF (with MPF of 1.2) | |
| 4 | Incorporate Moment-Curvature Approach to establish shear capacity | |
| 5 | Difference in skew angle between adjacent support overwrite (affects only the moment LLDF) | BRDRSUP-936 |

| | | |
|----|--|---|
| 6 | Establish the LLDF for exterior using "full box" case - set to interior girder LLDF | |
| 7 | When extending the range of applicability, limit the values to Lever Rule (LLDF) | |
| 8 | Report Writer for Stringer-Floorbeam-Girder system | |
| 9 | Update the truss model to handle both LFR and LRFR | BRDRSUP-745 BRDRSUP-693 BRDRSUP-780 |
| 10 | Testing Box Girder bridges with varying | |
| 11 | Web line analysis for all MCBs (where the web lengths are different) | |
| 12 | Incorporate partial tension-field approach for steel bridge shear capacity | |
| 13 | Introduce advance option of LLDF for MCB | |
| 14 | Multiple post-tension cable path be considered for the MCBs | BRDRSUP-939 |
| 15 | Not meeting minimum shear reinforcement area by 10%. $Av_{provided}/Av_{required} = 0.9$ | |
| 16 | User Defined Load distribution for Dead Load (DC2) to each web of MCBs; This is to handle "Sound Walls" on existing MCBS | BRDRSUP-938 |
| 17 | Iterative Process when establishing RF for load dependent cases | |
| 18 | LLDF for One or Two Cell Box girder bridges | |
| 19 | Use of corresponding moment and shear when establishing shear rating factor | |
| 20 | Introduce rating factor for Bent Caps (substructure) | |



In addition to the items noted above, Caltrans has also been having issues with shear ratings in concrete boxes (see e-mail from Vinacs). There is a T-18 ballot item that could address this issue.

Caltrans has been sent this list of estimates. After Baker has an estimate on capacity and how much enhancement work they can do, the Task Force would need to decide which version these Caltrans enhancements would be included in.

9f. Idaho

Request for added functionality to the Rating Tool to include culvert evaluation capabilities. The capability to evaluate culverts could be used for approximately 90% of the bridges in the Idaho TD inventory.

9g. Illinois Rating Tool Request

Request for floor systems be added to the Rating Tool.

Illinois also has requests for the following. These items would be added as an amendment to contract.

- JIRA-581
- JIRA-553

The Task Force will make decisions on which enhancement requests will move forward once they have information on Baker's capacity to support the development efforts.

Agenda Item 10: Miscellaneous Topics

10a. Support for Windows 10

If we can perform build testing and regression testing, we can make the statement that we support Windows 10.

10b. Splash screen issue

This issue is new with 6.8. Some users are reporting that it takes 15-20 seconds (or more) for the splash screen to appear after double-clicking the BrR or BrD icon. This happens after a re-boot. The problem is not universal amongst all users. Baker states that the reason behind the delay is a C++ program and that it will not be an issue in the modernized software.

Agenda Item 11: Third Party Issues

11a. Long-term Strategy

Long-term strategy development on hold until Modernization is further along. Richard Pickings is interested in working with AASHTO to include his software in the FY2018 AASHTOWare Catalog.

Agenda Item 12: User Group

12a. Summary Minutes from August Meeting

The summary minutes for the August BrDR Task Force meeting in Chicago, IL were provided. Judy Tarwater will post these on the SharePoint site for Task Force review and comment. Once in final form, the summary minutes will be forwarded to David Schroeder (Secretary RADBUG) for posting on the RADBUG website.

12b. Follow-up Actions from the 2016 RADBUG meeting

Todd spoke with Nebraska DOT. They gave the OK to contact Paul Jensen directly to get style sheets.

12c. 2017 RADBUG Venue

The Task Force discussed possible venues for the 2017 RADBUG meeting in the Kansas City area. There are still a few factors contributing to the decision; therefore, a decision on the hotel has not yet been made. Judy Tarwater will continue to work to secure a hotel for the meeting.



Agenda Item 13: Work Plans

13a. P/S Design Tool Work Plan Phase 2 Amendment

The Task Force made the decision to allow the Prestressed Design Tool contract to end on the current 12/31/16 end date. The contract will not be amended again to extend the end date. Additional Prestressed Design Tool and miscellaneous Rating Tool enhancement work will be performed under a new project contract.

13b. Planning Estimates

No discussion.

13c. Future Work Plans

FY18 MSE work plan with specification changes discussed previously (agenda item 8b). The PS design tool phase II and other potential enhancement work will be combined into a single work plan.

Agenda Item 14: FHWA Update

Lubin Gao, Ph.D, P.E. attended the Task Force meeting in Tom Saad's place. Lubin provided the following report.

- Rule Making:
 - Asset management Final Rule was published in the Federal Register on Monday, 10/24/2016.
 - NPRM for the National Bridge Inspection Standards will be published in 2016.
- National Bridge Inspection Program:
 - Metric 13, Load Rating, is at 42% Satisfactory (PY16 – 6/1/2015 to 5/31/2016)
 - Metrics 6, 7, and 10, Inspection Frequency, are at 77-79% Satisfactory (PY16)
 - Metric 18, Scour Critical Bridges, is at 81% Satisfactory (PY16)
 - Metrics #13 and 18 are still on FHWA leadership dashboard.
- FAST Act:

- Emergency vehicles: Final draft guidance on load rating of emergency vehicles is under HOA (Office of the FHWA Administrator) review for clearance.
- Covered heavy-duty tow and recovery vehicles (HDTVs): Approach to address the HDTVs is under evaluation.
- Exchange, Webinars, and Trainings:
 - Midwest States Bridge Load Rating Peer Exchange, 8/30 – 9/1/2016, in Lansing, MI. IA, IL, IN, MI, MN, MO, OH and WI participated.
 - FHWA Bridge Load Rating Webinar Series Topic # 19 on Load Rating of Gusset Plates was conducted on 10/11/2016. Topic #20 on Load Rating of Complex Bridges (1) will be delivered on 12/1/2016.
 - NHI continues to offer LRFR training. Next FHWA-NHI-130092 course will be hosted by TxDOT in the week of 12/6/2016 in Austin, TX.
- Staff:
 - Tom Saad is taking a rotational assignment as the acting team leader in the Risk-Based Stewardship and Oversight Team in the Office of Infrastructure.
 - Shay Burrows is in rotational assignment as the acting Division Administrator of Maryland Division Office.
 - The steel bridge specialist, Dayi Wang, is on board in Office of Bridges and Structures.
 - The dynamics engineer position left empty by Phil Yen will be advertised.
 - Hamid Ghasemi, LTBP team leader in Turner Fairbank, is retiring by the end of January 2017.

Agenda Item 15: Five Year Projection for BrDR

Judy Tarwater provided the Task Force with an updated version of the BrDR five year projection during executive session.



Agenda Item 16: Licensing Issues

16a. Third-Party Add-Ons

Judy Tarwater and Josh Dietsche will continue to work with Richard Pickings on next steps to potentially include BridgeSight software offerings in the FY2018 AASHTOWare Catalog.

16b. Future of Bundling Modules (Post-Modernization)

No discussion.

Agenda Item 17: Marketing Activities

Discussed during the joint Task Force meeting.

Agenda Item 18: Review Action Item list from this meeting

Josh Dietsche read the action items recorded during the meeting.

Agenda Item 19: Task Force Executive Session (as needed)

The Executive Session was held before the lunch break on Thursday. The meeting adjourned Thursday, October 27, 2016 at 4:08pm.

