

## **BMS2 Release Notes**

### [Detailed BMS2 Release Notes](#)

#### **AMS Release 89 (03/06/2025)**

1. Ran a script to populate data points for VP03a/B.EP.03 – Vehicle Posting Type per guidance from FHWA.
2. Resolved a bug to resolve an issue during the create structure process that was defaulting the Item 5C29 – NHS Indicator to null instead of 0.
3. A bug allowing users to accept an inspection without entering acceptance comments when validation errors exist has been resolved.
4. A bug causing the Item 6A19 – Business Plan Network to not calculate correctly has been resolved.
5. A rule was put in requiring superuser access in order to remove FHWA as a business partner for NBIS length structures.
6. Added the following fields to BMS2 with automation rules (coding in [Appendix N](#); to be added to BMS3 in Release 2.0):
  - a. D.4 – In-Depth Inspection Scheduled; this item is used to record if an in-depth inspection is scheduled on a tunnel.
  - b. D.5 – Damage Inspection Performed; this item is used to record if a damage inspection has occurred since the last routine tunnel inspection.
  - c. D.6 – Special Inspection Scheduled; this item is used to record if a special inspection is scheduled on a tunnel.
7. Adjusted the logic for how Item B.IE.10 – Inspection Data Update Date is updated when a B.IE.09 – Inspection Quality Assurance Date value is entered.
8. A series of data corrections were made in BMS2 to remove certain values that cause data validation issues in BMS3.
9. A bug limiting Validations 1117, 1118 and 1119 from appearing on any bridge has been corrected.
10. Resolved a bug with Validation 300 for TK527 Rating Vehicles.
11. The DB2 connection for user authentication has been updated.

#### **AMS Release 88.1 (12/18/2024)**

1. Updated the embedded Release Notes link.

#### **AMS Release 88/BMS3 Release 1.7 (11/14/2024)**

1. Added the following fields to BMS2 and BMS3 unless otherwise noted (coding in [Appendix N](#)):
  - a. B.G.13 – Maximum Bridge Height, used to record the maximum height from the top of the deck to the ground line or water surface elevation.
2. Resolved a bug where the maintenance item completion date (IM14a) was being set to 1/1/1901 upon submission of a record from BMS3 to BMS2.

3. Resolved a bug that was allowing SAP to overwrite previously entered maintenance item completion dates (IM14a) in BMS2.
4. Revised the logic used to update Items B.IE.08 and B.IE.10.
5. Updated the procedure for pulling the data from BMS2 for the NTI File that is submitted to FHWA on an annual basis.
6. Improved the BPR screen to streamline the ability to edit and modify comments for each of the four comment types (BP07 through BP10).
7. Removed Element #39 to align with guidance within the SNBI/FHWA.
8. Updated the server address that is used to run reports within BMS2.
9. Updated the parameters for Item 4A27 and created additional JSON files to facilitate the data transfer between BMS2 and PA511.
10. Corrected the risk score search results to eliminate the display of duplicate records.
11. Resolved a bug that limited the user's ability to update their expiration dates on the Certifications tab of the User Preferences screen.
12. Resolved a bug that incorrectly highlighted Item IA02/B.C.06 on the Key Field Comparison when the value remained the same from the last inspection.
13. Resolved bug where tunnel functional system elements were not displaying in BMS3.

#### **AMS Release 87/BMS3 Release 1.6 (9/5/2024)**

1. Added the following fields to BMS2 and BMS3 unless otherwise noted (coding in [Appendix N](#)):
  - a. B.IR.04 – Complex Feature, used to indicate at the bridge level if a complex feature exists on the structure.
2. Resolved a bug that was causing latitude and longitude data for a bridge to be erased.
3. Updated the available parameters and field name for [Item IF09](#) from “NSTM?” to “Detail Type.”
4. Added a parameter of “N – Not Applicable” for [Item IF05](#) to assist with other changes to the NSTM/Fatigue page.
5. Added additional parameters to [Item IF02](#) to assist with other changes to the NSTM/Fatigue page.
6. Updated the automation of [Item IF08](#) to reflect the changes made to Item IF09 during this release.
7. Created a database field to track adverse actions for specific inspectors.
8. Resolved a big that was not updating Item 7A21 upon submission for data from BMS3 to BMS2.
9. Created a connection between BMS2 and the [PA-SHARE](#) database, resolved outstanding bugs related to the updating of Item 5E04, and created new Item 5E06 for the SNBI historic significance.
10. Modified the user preferences screen with regards to qualifications of underwater divers.
11. Resolved a bug that was limiting the submission of data from BMS3 to BMS2 if a maintenance item was deleted in BMS3.
12. Added logging to track when documents are become unlinked on the Documents page in BMS2.

13. Removed wingwalls from determining the controlling value for Item IN15.
14. Modified the Create Structure applet to incorporate recent policy changes and simplify the process.
  - a. Made latitude and longitude of all structures required.
  - b. Removed the requirement to code Items 6A44 through 6A48.
  - c. Removed the requirement to enter at least one load rating vehicle.
  - d. Set Item 3B03 to 0 upon the structure being created.
15. Resolved a bug that was miscalculating future inspection dates (Item 7A60).
16. Resolved a bug within BMS3 that was allowing the steel protective coating to properly save when updated by a user.
17. Resolved a bug within BMS3 that was causing the order of the sign records displayed on the “Approach” page report.
18. Resolved a bug within BMS3 that was not allowing users to enter a value of 0 in Items 6B27, 6B28 and 6B29.
19. Resolved a bug within BMS3 that was populating start dates as the following day when an inspection was started after 8PM.
20. Resolved a bug within BMS3 that was indicating records were submitted to BMS2 when the process was not completed.
21. Added comment type 481 – Future Inspection Scope to BMS3 (added to BMS2 previously).
22. Resolved a bug within BMS3 that was limiting submission of data to BMS2 when the SCBI value was displayed as “--“.
23. Resolved a bug within BMS3 that was pulling the wrong values for Item 6C25 based on values from Item 5B08.
24. Removed the ability to delete maintenance items in BMS3.
25. Adjusted the format of the NSTM/Fatigue page report for readability.

#### **AMS Release 86/BMS3 Release 1.5 (5/30/2024)**

1. Added the following fields to BMS2 and BMS3 unless otherwise noted (coding in [Appendix N](#)):
  - a. Item 4A27 – Low Vertical Clearance, used to indicate at the bridge level if the bridge has a low vertical clearance and should be displayed on the PA511 site (BMS2 Only).
  - b. Item 7A22 – Underwater Diver Name, to indicate the name of the underwater diver completing the underwater inspection on the given inspection record.
  - c. Item IF08 – NSTM’s?, to indicate if NSTMs are present on a bridge.
  - d. Item IF09 – NSTM?, to indicate if the specific NSTM detail listed on the NSTM/Fatigue page is present on an NSTM.
  - e. Item IF10 – Member Inspection Procedures, to provide a notes field to list the inspection procedures for each individual NSTM/Fatigue detail listed.
2. Implemented additional restrictions on Item B.IE04/7A02 – Team Leader for T1, A1, S1 and L1 structures and structures containing NSTMs.

3. Resolved a bug that was not properly populating Items 7A08, 7A09 and 7A10 if a Service Inspection was performed on a non-highway structure.
4. Created a validation to identify structures with latitude/longitude differences greater than a straight-line distance of 100' with GIS data.
5. Resolved a bug that was limiting users with a username greater than 15 characters from using the Standard Inspection Report generator.
6. Resolved a bug showing NaN values on BMS3 reports.
7. Resolved a bug that was stopping signage information from being printed on BMS3 reports.
8. Resolved a bug that was displaying incorrect information within Items 6A50 and 6A51 within BMS3.
9. Modified the coding parameters for Item IN07 in BMS3 to match Publication 100A.
10. Resolved a bug limiting the Overall Protective Coating Comments (#77) from being updated properly.
11. Reorganized the NSTM/Fatigue Page in BMS3 to be consistent with other pages.

*Previous release Notes for BMS3 can be found [here](#). Moving forward, they will be combined with BMS2 because iForms has been decommissioned.*

#### **AMS Release 85 (3/12/2024)**

1. An issue that was preventing users from updating any information for a railroad on the features page has been resolved.
2. Added Item B.IE.04a, Nationally Certified Bridge Inspector Number, to the Ratings & Schedule and User Preferences screens. (coding in [Appendix N](#))
3. Modified the Key Field Comparison logic to properly account for Item IN15 = D9.
4. An issue that was allowing inspection records to be overwritten in BMS2 when the inspection status was changed to “9-Accepted” and users submitted the record again from iForms or BMS3 was resolved.
5. New functionality was added to BMS to allow future versions of the M1 report to identify if a bridge has an outstanding Priority 0 or Priority 1 maintenance item.
6. Created a connection to the GIS Database to improve location-based data (i.e. Latitude/Longitude and Senate/Congressional/Legislative Districts).
7. An issue that was populating incorrect S-Number suffixes for alternate wall structures was resolved.
8. Updated the available training records on the User Preference screen.
9. Added functionality to track Underwater Divers qualifications, similar to bridge and tunnel team leaders.
10. An issue that was causing posting status records to not update the posting status on the INSPEVNT table in a timely manner was resolved.
11. An issue that was limiting data validation comments if an “&” symbol was used has been resolved.
12. Removed wingwalls from the calculation of Item IU29 – Scour Vulnerability.

13. Removed the ability for a user with only browser access to navigate to the User Preference screen.
14. An issue that was causing wrong values to be stored in Item 5C18 – Mile Point was resolved.
15. Improved the audit log in the database to track inspection status changes.
16. Removed the ability to delete a BRKEY in BMS through the web interface by superusers.
17. Turned off the ability to download structures with iForms. All new inspections should be created within BMS3.

#### **AMS Release 84.1 (iForms 5.24.3) (1/9/2024)**

1. Updated the domain for BMS2/iForms from penndot.gov to penndot.pa.gov.
2. Resolved an issue preventing sign structures from having an “Initial – First Time” inspection from being submitted from iForms to BMS2.

#### **AMS Release 84 (iForms 5.24.2) (12/18/2023)**

1. Removed the coding option of “(blank)” from Item 5A05.
2. Removed the coding option of “\_ - Unknown” from Item 5D04.
3. Updated the calculation for Item 7A19 eligibility to include checking for outstanding Priority 0 and 1 Maintenance Items.
4. Updated the calculation for when Items 7A19 and 7A21 are updated on the Ratings & Schedule screen.
5. Removed Item IN03 value associated with Wingwalls from the calculation of the Scour Critical Category.
6. Removed Fields IS01, IS12, IS13 and IS14.
7. Removed Fields IW01, IW12, IW13, and IW14
8. Resolved an issue on the Features screen caused by tabbing between fields.
9. Removed access to the BPR screen from non-Department staff.
10. Resolved a bug that was indicating an error during the deletion of an inspection record.
11. Added functionality to automatically sort the APRAS clearance records based on the “Clearance Sequence Number.”
12. Added functionality to allow Superusers to modify inspection dates of Z-type inspections.
13. Resolved a bug that was causing timeout errors when downloading large files from BMS2.
14. Added new fields to the Key Field Comparison and adjusted the order in the Standard Inspection Report Generator and on the Ratings & Schedule screen.
15. Resolved an issue limiting validations #429 through #432 from working properly.
16. Resolved a bug which limited the opening of iForms if an inspector’s certification end date was listed beyond 2100 and limited dates for future entries.
17. Added an internal validation to BMS2 to limit the team leader of an inspection from accepting the inspection record.
18. Resolved a bug in iForms that was stopping the Item 7A06 checkboxes from being populated correctly on Form P.

19. Resolved a bug in iForms tied to the display of checkboxes on the “Summary -3” tab during the submission process.
20. Resolved a bug that limited the submission of data from iForms tied to joint and bearing records.

**AMS Release 83.1 (iForms 5.24.1) (10/4/2023)**

1. Restored the character count of Item 2A02 to 4,000 characters from 300.
2. Resolved a bug that was limiting the update of Item 7A05a in iForms.
3. Resolved a bug that was limiting the ability to have validations on the new SNBI inspection types and associated scheduling fields.
4. Reconfigured the B.IE.04 NCBI Team Leader drop down menu.

**AMS Release 83 (BMS2 Version 5.61 and iForms 5.24.0) (9/17/2023)**

1. Added an information message adjacent to VD05 about weathering steel.
2. Added the following new fields to BMS2 and iForms (coding in [Appendix N](#)):
  - a. Item B.IE.01, to indicate the SNBI Inspection Type performed as part of the overall inspection record.
  - b. Item B.IE.02, to indicate the Inspection Start Date for the specific SNBI Inspection Type performed.
  - c. Item B.IE.03, to indicate the Inspection End Date for the specific SNBI Inspection Type performed.
  - d. Item B.IE.04, to indicate the Nationally Certified Bridge Inspector (i.e., Team Leader) for the specific SNBI Inspection Type performed.
  - e. Item B.IE.05, to indicate the Inspection Interval for the specific SNBI Inspection Type performed.
  - f. Item B.IE.06, to indicate the Next Inspection Due Date for the specific SNBI Inspection Type performed.
  - g. Item B.IE.07, to indicate the Risk-Based Inspection Interval Method used for the specific SNBI Inspection Type performed.
  - h. Item B.IE.08, to indicate the Inspection Quality Control Date for the specific SNBI Inspection Type performed.
  - i. Item B.IE.09, to indicate the Inspection Quality Assurance Date for the specific SNBI Inspection Type performed.
  - j. Item B.IE.10, to indicate the Inspection Data Update Date for the specific SNBI Inspection Type performed.
  - k. Item B.IE.11, to record a brief description (Inspection Note) of the inspection scope for the specific SNBI Inspection Type performed.
  - l. Item B.IE.12, to indicate the Access and Inspection Equipment used on the specific SNBI Inspection Type performed.
  - m. Item 7A01e, to indicate the Overall Inspection End Date from all the individual SNBI Inspection Type completion dates.
  - n. Item 7A53, to record the concatenated inspection type for the overall bridge inspection record.

- o. Item 7A57, to record which SNBI Inspection Types are required.
- p. Item 7A58, to record the last date when the specific SNBI Inspection Type was performed.
- q. Item 7A59, to record the inspection interval for the specific SNBI Inspection Type.
- r. Item 7A60, to record the next due date for the specific SNBI Inspection Type.

NOTE: B.IE.01 through B.IE.12 only appear on the specific inspection types that were performed during the current inspection record and 7A57 through 7A60 appear regardless of if the inspection type was performed during the current inspection record.

- 3. Added the ability to create validations that evaluate inspection comments.
- 4. Corrected a bug that was incorrectly calculating the Scour Critical Category (Item 4A08b).
- 5. Corrected a bug that was incorrectly calculating Structural Evaluation (Item 4A09).
- 6. Resolved a bug that was preventing submission of inspection records from *iForms* when there was an issue with the inspection key on the Joints and/or Bearings screens.

**AMS Release 82.2 (5/11/2023)**

- 1. Users were unable to create a non-bridge structure in BMS2 due to changes made in AMS Release 82 tied to load ratings. Users are now able to create structures as needed.

**AMS Release 82.1 (iForms 5.23.1) (5/8/2023)**

- 1. Corrected a bug in *iForms* that prohibited users from saving forms if the Item 6B23 value exceeded 30 characters.

**AMS Release 82 (iForms 5.23.0) (4/30/2023)**

- 1. Updated the logic for Items 7A19 and 7A21 (Extended Interval Eligibility) to remove the requirement to look back at previous inspection's condition ratings to determine eligibility.
- 2. Updated the Underwater M1 report to include the new SNBI fields (channel protection condition rating, scour condition rating, underwater condition rating, scour vulnerability and scour POA required). Channel condition rating was also added because it will impact upcoming underwater interval requirements.
- 3. The terminology "Fracture Critical" or "FC" has been replaced with "Non-redundant Steel Tension Member" or "NSTM" throughout BMS2, *iForms* and associated reports.
- 4. Repurposed the use of Items 5E22 and 5E23 to display information related to P3 bridge projects on the Structure Home page.
- 5. Modified Item IR01a to be recorded on each individual inspection record in the database (previously stored at the bridge level).
- 6. Automated Item VP02 and populated Item 5E03 based on new Items VP02a and VP02b.

7. Modified the coding options in [Item IL02](#) to match the new coding options in SNBI Item B.AP.02.
8. Added the following new fields to BMS2 and iForms (coding in [Appendix N](#)):
  - a. Item VP02a, Posting Type, to indicate the type of posting applied to a bridge. (SNBI Coding Item B.PS.01 First Character)
  - b. Item VP02b, Posting Condition, to indicate the type of posting condition applied to a bridge. (SNBI Coding Item B.PS.01 Second Character)
  - c. Item VP03a, Vehicle Posting Type, to indicate the type of posting at the bridge restricting the Posting Vehicles. (SNBI Coding Item B.EP.03)
  - d. Item VP11, Posting Review Recommended, if the inspection team is indicating the bridge posting record in BMS2 is incorrect or needs to be reviewed.
  - e. Item IR22, Legal Load Rating Factor, to indicate the vehicles operating rating factor for Pennsylvania Posting Vehicles (H20, HS20, ML80, TK527). (SNBI Coding Item B.EP.02)
  - f. Item IR23, Vehicle Posting Value, to indicate the posting value for Pennsylvania Posting Vehicles (H20, HS20, ML80, TK527). (SNBI Coding Item B.EP.04)
  - g. Item 4A26, Seismic Vulnerability, to indicate a structure's vulnerability for a seismic event. (SNBI Coding Item B.AP.05)
  - h. Item IU30, Scour Plan of Action Required?, to indicate if a scour plan of action is required for the structure. (SNBI Coding Item B.AP.04)
  - i. Item 1A15, NSTM Inspection Condition, to indicate the condition rating of the NSTM members on the bridge. (SNBI Coding Item B.C.14)
  - j. Item 1A16, Lowest Condition Rating, to indicate the lowest condition rating for the structure amongst the Deck, Superstructure, Substructure, & Culvert condition ratings. (SNBI B.C.13)
9. Fixed an issue with the formatting of the NBI submittal file.
10. Ran a script to create a posting status record with Item VP02 = "A – Open, no restrictions" on all structures in BMS2 with no posting status record.
11. Fixed an issue where the Scour POA batch job could fail if certain spreadsheet document types were uploaded to the Documents screen.
12. Added table joins to allow validations to be created for load rating data.
13. Added previous inspection comments to the XMLGen Process so that they would be accessible to the upcoming BMS3 application.
14. Updated the USERINSP table to update Item IR02 Assigned Rating Approval Date when inspections are assigned.

**\*\*\*\*Reminder: Refer to the updated [Appendix N](#) for the coding of the new Items added in this release.\*\*\*\***

### **AMS Release 81.1 (iForms 5.22.1) (3/20/2023)**

1. Modified iForms to make the software compatible with the current version of Windows 11.



**AMS Release 81 (BMS2 Version 5.59 and iForms 5.22.0) (2/7/2023)**

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*Release 81 and subsequent releases will begin to introduce coding items that are required as part of the transition from FHWA's Recording and Coding Guide for the Structure Inventory & Appraisal to the Specification for the National Bridge Inventory. In addition to changes in iForms and BMS2, Publication 100A will be modified and/or appended with the new coding items as needed. Refer to [Appendix N](#) for the newly added fields.*

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1. Updated the Scour Calculator (provides a value for IU27, IU28 and IU04) to accommodate a new coding option of "D9" for streambed material (IN15).
2. Added the following new fields to BMS2 and iForms:
  - a. Item IF07, Fatigue Details, to indicate if a bridge has E or E' fatigue details present. (SNBI Coding Item B.IR.02)
  - b. Item IU29, Scour Vulnerability, to report the status and vulnerability determination from scour appraisals. (SNBI Coding Item B.AP.03)
  - c. Item 1A13, Scour Condition Rating, to report the overall scour condition rating for the entire bridge. (SNBI Coding Item B.C.11)
  - d. Item 1A05b, Channel Protection Condition Rating, to report the condition of the channel protection devices for the entire bridge. (SNBI Coding Item B.C.10)
  - e. Item 1A14, Underwater Inspection Condition, to report the condition of the subunits requiring an underwater inspection. (SNBI Coding Item B.C.15)
  - f. Item 7A21, Method 1 Extended Interval Eligibility, to determine if a bridge is eligible for extended interval inspections based on the criteria in the new regulation. The full list of rules to determine eligibility is provided in the detailed summary.
3. Modified the extended interval criteria for 7A19 to reflect the change in Publication 238 that all bridges with active or deferred Priority 0 and Priority 1 maintenance items are not eligible for extended interval.
4. Added additional comment fields on the BMS2 Load Rating Screen and iForms – Form K for inspectors and reviewers to provide comments on the applicability of the current load rating for a given structure.
5. Added a floating window to the right of IR01a with guidance on when a new load rating may be required for a given structure.
6. Changed the database location of Item IR01a to an inspection field so it can be recorded for each inspection instead of at the bridge level.
7. Modified the Standard Inspection Report generator to include the new load rating comment types added above.
8. Added IN16 to the summary screen on the Underwater Page – Subunit Tab between IN13 and IN18.
9. Updated the BMS2010 - BMS2Web\_M1 - NBIS Monthly Compliance Report to accommodate the new fields added above.

10. Updated the Risk Assessment Calculation package to ensure all bridges receive a score.

**AMS Release 80.2 (iForms 5.21.1) (12/7/2022)**

1. Corrected a formatting issue on Report C that was limiting the display of the full text stored in a comment box.
2. Corrected a formatting issue on Report G that was displaying an error when the schema and *iForms* version did not align.

**AMS Release 80.1 (BMS2 Version 5.58.1) (11/21/2022)**

1. A bug limited the upload of inspection records from *iForms* to BMS2 when underwater inspection data was not present has been resolved.

**AMS Release 80 (BMS2 Version 5.58 and iForms 5.21.0) (11/16/2022)**

1. Throughout BMS2 and *iForms*, the legal statement appearing at the bottom of reports and forms has been updated.
2. Add a checkbox in BMS2 and *iForms* to indicate if a subunit is in the 500-year flood plain.
3. Added the ability for local bridge owner agents to accept non-NBIS inspections in BMS2.
4. Increased the character count on Item 5C20.
5. Revised the process to require team leader qualifications on the User Preferences screen when creating team leader certifications.
6. Resolved an issue that was not updating 7A08 correctly in the database.
7. Resolved an issue for Item 7A19 that was not calculating correctly for bridges with the NBI Rating stored as rating factors for the PHL-93 vehicle.
8. Resolved an issue where an inspection date for the NTI file was being pulled from the wrong inspection type.
9. Resolved an issue in *iForms* where the value for IB17 was being replaced with the value from IB16 when a new inspection was started.

**AMS Release 79 (BMS2 Version 5.57 and iForms 5.20.3) (9/6/2022)**

1. Added the requirement to input Item VP04, VP05 and VP06 when entering a posting status of B (VP02).
2. Removed the PHL-93 vehicle from the calculation of Item 4B03.
3. Resolved an issue that was preventing the usage of validations for sign structures in web and *iForms*.
4. Resolved an issue that was miscalculating Items 4B05 and 4B07 for vehicles with rating factors.
5. Resolved an issue that was preventing SS09 from updating if SP07 through SP10 are updated.

**AMS Release 78 (BMS2 Version 5.56 and iForms 5.20.2) (6/28/2022)**

1. A bug preventing the use of the BP Assignment screen search function has been resolved.
2. Added a new D-491 Report for the Preservation and Rehab Screen.

3. Made the SG04 value a required item when creating a new structure group.
4. Updated the language within the Scour Plan of Action reports under Section 8 – Monitoring Log for Scour Categories A, B and C.
5. Added a new field, I.11 – LRS Route ID, to the Tunnel – Inventory screen as well as the corresponding D-491 Report and the SNTI Submittal File.
6. A bug was resolved that caused changes to the Posting screen not to display until the page was refreshed.
7. A bug was resolved that prevented documents from being uploaded in the Inspection Report Generator.
8. Element validations have been added to the Validation screen.
9. A bug with the “Check for Update” functionality in iForms has been resolved.
10. Modified the import process on the Preservation & Rehab screen to allow projects without a BRKEY in ECMS to be imported.
11. Added “PG-Peregrine Falcon” to the parameter table for Item VI18 Permit Type.
12. Changed the corresponding initial assembly number on the brush clearing and clean/flush horizontal surface maintenance items when they are sent to SAP.

#### **AMS Release 77 (BMS2 Version 5.55 and iForms 5.20.1) (4/12/2022)**

1. Made improvements to the logging file that tracks the transmission of data associated with completed maintenance items from SAP back to BMS2.
2. The inspection team leader list is now alphabetically sorted for non-NBIS bridges as well as non-bridge structures.
3. Provided access to the User Preference Screen to more user roles.
4. Resolved a bug where changes made in BMS2 were not being displayed on the screen after the save button was clicked even though the database saved the change.
5. Resolved a bug with the BPR screen that was occasionally displaying comments out of order.
6. Resolved a bug that was causing special characters on the Joints and Bearings screen to stop the ability to download a bridge in iForms.
7. Updated links through BMS2 for the new “penndot.pa.gov” initiative.

#### **AMS Release 76 (BMS2 Version 5.53 and iForms 5.20.0) (1/25/2022)**

1. Restricted the available names on the Team Leader list (7A02) based on information inputted on the User Preferences screen. Refer to this [notification](#) for more details.
2. Updated the conversion table for Item 6A38 to Item 5B01 for deck types.
3. Updated the Scour Plan of Action report in BMS2 to reduce the number of required fields.
4. Removed unused Feature Intersected – Railroad (FR) fields from BMS2 and D-491 reports.
5. Added the ability to type special characters on the Structure Group screen.
6. Resolved a bug that was not allowing Item 7A10 to calculate properly.
7. Resolved a bug that was clearing out Item 7A08.
8. Resolved a bug that was causing the UOM for elements to not display in BMS2.

9. Resolved a bug that was preventing users from copy/paste functionality on the BPR screen.
10. Resolved a bug that was stopping users from opening iForms.

Prior changes have been incorporated into Publication 100A. If you need additional information, please reach out to the BMS2 Manager at Central Office ([PD-BridgeInspectSection@pa.gov](mailto:PD-BridgeInspectSection@pa.gov)).