

## Bridge Inventory and Vertical Clearance Reporting Triggers

The Office of Analytics keeps an inventory of structures/culverts so that we can report what the public is driving on or under as close to real time as possible. We supply this information to the Office of Motor Carrier for over size and overweight routing as soon as we are notified. Separately, the Office of Bridges & Structures maintains data related to the National Bridge Inventory (NBI) standards which utilizes the inspection dates/data which can vary from the open to traffic date. Some key points related to these needs are listed below:

- The Office of Analytics requires the date when structures are open to traffic whether the road construction beneath them is complete or not; as we need to be able to route on the bridge as well, not just under it. If the public is driving on a new or replaced structure, we should have it in the inventory.
- Section 2.71 “Bridge Inventory Report” from the *Construction Manual* has been updated to reflect Open to Traffic Date reporting separately from project completion and Section B.
- Please have your staff review the Bridge Inventory Database (Bridge 2000) for instances of bridges being open to traffic before project completion that may already exist and should be updated accordingly.
- Permanent vertical clearance changes must be reported to Jodi Clement on a **completed Vertical & Horizontal Clearance Form** as soon as the paving under the structure has been completed.
- Partially completed forms submitted for compilation within the Office of Analytics with previously submitted forms will not be accepted. This leaves room for error and assumptions. If the field chooses to compile previous data with new data and supply it on a new form that may be done at their discretion. It is the districts’ responsibility to provide this data. The Analytics Office needs to receive a form with all measurements noted so correct analysis can be completed and provided to the Office of Motor Carrier.
- If a 511 height restriction was created, the forms with permanent clearances should be sent to Jodi Clement before the temporary restriction is deleted from 511.
- Vertical & Horizontal Clearance Forms should be submitted throughout the year as projects are completed. Updates received from the field are provided to the Office of Motor Carrier usually within 1 business day for use in the Iowa Automated Permitting System (IAPS) and manual routing of over size and overweight loads. Clearance changes are also noted and updated on the Motor Carrier website for the public to access.

### Summary:

1. If a new or replaced structure opens to traffic - report the date in Bridge 2000.
2. Once construction is complete and all measurements may be obtained – complete Section B of Bridge 2000.
3. Report all permanent vertical and horizontal clearance measurements under a structure as soon as the paving under the structure is complete.