

From: [Everett, Thomas <FHWA>](mailto:Everett.Thomas@FHWA)
To: ["Shemaka, Ann <FHWA>"](mailto:Shemaka.Ann@FHWA); [Burrows, Shay](mailto:Burrows.Shay);
cc: ["Lwin, Myint <FHWA>"](mailto:Lwin.Myint@FHWA); [Elnahal, Shoukry](mailto:Elnahal.Shoukry);
Subject: FW: Status of Deck Truss Evaluations - February 14, 2008
Date: Monday, February 18, 2008 7:02:14 PM
Attachments: [Steel Deck Truss List.reevaluated bridges only.xls](#)
[Steel Deck Truss Lists.xls](#)
[Deck Truss Reinspection Effort.summary.xls](#)

Shay,

Many thanks for coordinating this task for the agency. I know that it was not that simple and required more follow-up on your part than originally anticipated. Plus, we demanded status reports from you on short notice on several occasions.

You handled this extremely well. Thank you!!

Ann,

As the NBI data files are submitted this year, let's check the relevant state files against the data in the "Steel Deck Truss Lists.xls" spreadsheet, Re-evaluation Not Required tab. Let me know if we need to call on Fernando for assistance in making this check. Thanks.

Tom

Thomas D. Everett, P.E.
Principal Bridge Engineer - Bridge Programs Team Leader
FHWA Office of Bridge Technology
202-366-4675

From: Burrows, Shay [mailto:Shay.Burrows@fhwa.dot.gov]
Sent: Thursday, February 14, 2008 8:47 AM
To: Gee, King <FHWA>; Everett, Thomas <FHWA>; Lwin, Myint <FHWA>
Cc: Pagan, Jorge <FHWA>; Stewart, Maxine <FHWA>; Grossman, Ian <FHWA>; Singer, Nancy <FHWA>; Elnahal, Shoukry <FHWA>; Curtis, Joyce <FHWA>
Subject: Status of Deck Truss Evaluations - February 14, 2008
Importance: High

King, Myint, and Tom:

I am glad to report to you that I have verified that the all the main span, steel deck truss bridges have been re-evaluated per the Technical Advisory (TA 5140.27) that we issued on August 2, 2007. To wrap-up this effort I want to provide you with the files that I have been maintaining to track the deck truss bridge re-evaluations.

One file is a State-by-State breakdown of the efforts and gives the numbers of bridges meeting different categories. It is meant to summarize what the status is.

The second file contains a bridge-by-bridge breakdown of which bridges have been re-evaluated and which bridges in the National Bridge Inventory (NBI) listed as deck truss bridges that are not subject to the Technical Advisory because they are not steel, not deck trusses, not open to the public, etc. In earlier versions I also used additional worksheets within the file to identify which bridges have re-evaluations not complete and which bridges listed as deck trusses in the NBI that need verification of the re-evaluation efforts and/or bridge type. You will see these two tabs are now empty. This file was used to track specifics, bridge-by-bridge, but now can be used as an internal quality assurance tool to verify bridge data in the next submissions to the NBI from the States and Federal agencies.

The last file contains pared down information of the second file that was given to Nancy Singer in the past when she needed to give information to the media. This file does not contain the the internal comments for quality assurance purposes or the list of bridges that do not meet the intent of the Technical Advisory.

Some key facts that I can provide:

- * Number of main span deck truss bridge listed in the NBI August 1, 2007 = 756
- * Number of deck truss bridges added to the list = 32
- * Number of bridges removed (various reasons) from the list = 291
- * Confirmed number of main span, deck truss bridges on a public highway = 497
 - * Of these 497 bridges, 11 are not made of steel
 - * Of these 497 bridges, 7 are currently closed
- * Confirmed number of re-evaluations of main span, steel deck truss bridges open to the public = 479
- * Confirmed number of main span, steel deck truss bridges where re-evaluations are not complete = 0
- * Percentage of re-evaluations completed on confirmed main span, steel deck truss bridges open to the public = 100%

I am glad to speak with you if you have any questions on this information. I consider this effort complete unless I hear otherwise.

Warmest regards,

Shay K. Burrows, P.E.

Senior Structural Engineer

Federal Highway Administration - Resource Center

10 South Howard Street, Suite 4000

Baltimore, MD 21201
Office: (410) 962-6791
Fax: (410) 962-4586
Mobile: (410) 215-6751
shay.burrows@fhwa.dot.gov