

**NEW JERSEY DEPARTMENT OF TRANSPORTATION
MEMORANDUM**

TO: All Bridge Inspection Staff,
Structural Evaluation

FROM:  James Lane, Manager
Structural Evaluation

DATE: June 2, 2009

PHONE: 5-3572

SUBJECT: Revision to the 2003 Recording and Coding Guide for the
Structure Inventory and Appraisal of New Jersey Bridges
Evaluation of SI&A Item FA for installed HEC-23 Countermeasures

Additional clarifications are provided for SI&A Item FA in order to prevent any further confusion regarding this area.

A revised copy of the relevant page is attached for inclusion in your Coding Guide.

In addition, the revised page has been incorporated in the Coding Guide available on the Department's website.

RCP/JL

c: Richard W. Dunne

ITEM DJ - MINIMUM VERTICAL UNDERCLEARANCE
INCLUDING SHOULDERS (XX.XX feet)

DIGITS 4

Record and code a four-digit number to represent in feet, minimum vertical clearance from the roadway (including shoulders) beneath the structure to the underside of the superstructure. Code zeros for structures over any other feature.

In addition to coding this Item on sheet 1, it should also be coded on sheets 2 and A thru Z. Sheet 2 would be coded the same as sheet 1, but sheets A thru Z would be coded for the individual features intersected.

When sheets A thru Z are coded, sheet 1 should always be coded for the absolute minimum of all features beneath the structure.

ITEM FA - FHWA SCOUR REPORTING CATEGORIES

DIGITS 2

Code the current FHWA Reporting Category for the bridge based upon the information and results obtained during the Bridge Scour Evaluation program:

LOW RISK BRIDGE - STAGE 2 NOT REQUIRED and STAGE 2 DONE

<u>Code</u>	<u>Reporting Category</u>	<u>Comments</u>
01	Assessed (old bridge)	Pre HEC-18 Design - Stage 1 not performed
11	Assessed (new/old bridge with Scour Countermeasures)	Foundations designed in accordance with HEC-18 or Scour Countermeasures designed in accordance with HEC-23
02	Screened	Stage 1 performed
03	Culvert	

SCOUR SUSCEPTIBLE BRIDGE - STAGE 2 REQUIRED

<u>Code</u>	<u>Reporting Category</u>	<u>Comments</u>
04	Screened	Known foundation details and non-tidal waterway
05	Unknown Foundations	
06	Tidal Waterway	Foundation details known

OTHER CATEGORIES

<u>Code</u>	<u>Reporting Category</u>	<u>Comments</u>
07	Scour Critical	As determined by Stage 2 analysis
08	Analyzed for Scour	Stage 2 Complete

Leave blank if not applicable