



Document Change Announcement

2007 Procedures Manual

DCA2011-PM-06

DATE: November 18, 2011

Subject: Revision to Subsections 3.4.3.18, 3.4.4.1.7, 3.4.4.1.8, 6B.5.2 and Exhibits 3-2 and 3-3 of the Procedures Manual

Description of Change

Changes clarify submission requirements for standard and non-standard bridge bearings.

Instructions to Designers and Consultants

Effective immediately, the revisions contained in this announcement shall be applied to all projects that have not reached Phase B of design. Contact your NJTA Project Manager for instructions. Attached revision is noted in italics.

Designers may access these revisions in the NJTA Procedures Manual, which is available on the Authority's Web Page: <http://www.state.nj.us/turnpike/procedures-manual.html>.

Information for In-House Staff

The revisions have been incorporated into the Procedures Manual, which is available on the S: / drive @ S:\Project Files\Design-Procedures Manual. Please distribute the information to your respective Project Managers and have them direct their consultants appropriately.

Recommended By:

Handwritten signature of Robert J. Fischer in black ink.

Robert J. Fischer, P.E.
Assistant Chief Engineer, Design

Approved By:

Handwritten signature of Richard J. Raczynski in black ink, dated 11/21/11.

Richard J. Raczynski, P.E.
Chief Engineer

New Jersey Turnpike Authority

DOCUMENT UPDATE REQUEST

Forward to Assistant Chief Engineer, Design

Initiator	Rich Schaefer	Submittal Date	11/04/11
Firm	HNTB Corporation	Telephone	973-237-1650

Document (check one)

- Procedures Manual
- Design Manual
- Sample Plans
- Standard Drawings
- Standard Specifications

Description of Change

Procedures Manual Section 3.4.3.18- Delete this paragraph in its entirety and replace with the following: Structural Drawings and Non-Standard Bearing Report (if required) as noted in Section 6B (Structures Plan Preparation) of this Manual.

Procedures Manual Exhibit 3-2 – Delete Item w. in its entirety and replace it with the following: w. Structural Drawings and Non-Standard Bearing Report *

Procedures Manual Section 3.4.4.1.7- Delete this paragraph in its entirety.

Procedures Manual Section 3.4.4.1.8- Renumber this paragraph as 3.4.4.1.7

Procedures Manual Exhibit 3-3 – Delete Item g. in its entirety, and re-item Item h as Item g.

Procedures Manual Section 6B.5.2 – The following new paragraph is added after the second paragraph: Where standard fully bonded elastomeric or approved HLMR type bearings are not selected for use on a bridge structure in lieu of a different bearing of unapproved type or manufacture, the designer shall submit a Non-Standard Bearing Report which explains the designer's rationale used for selecting the bearing based on performance and cost criteria. This document need not be longer than absolutely required to justify the designer's selection and shall include a sketch or catalog cut of the selected bearing. Elastomeric bearings with sliding surfaces, while permitted in Authority Specifications and Standard Drawings, shall also be justified in the Non-Standard Bearing Report.

Reason for Change

The current PM schedule of deliverables requires a bearing report submission as part of the pre-phase C requirements. The designer has since been given additional direction as to the use of HLMR type bearings and elastomeric bearings in recent updates of the Design Manual, eliminating the need for this report for common bearing usage. Therefore, the report requirements have been modified to apply to

non-standard bearings which are not pre-approved in the Turnpike Authority's document library. Elastomeric bearings with sliding surfaces have also been added, as they are out of the ordinary and maintenance prone, as compared to solid state fully bonded elastomeric bearings or fully sealed HLMR bearings. The submission of the report has also been moved to the Phase B package requirements, as the bridge designer should have grasped superstructure requirements by the 60% complete level (less than Phase B).