

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



BUREAU OF BRIDGE DESIGN



BDM CHAPTER 10 - REVISION HISTORY

Date of Revision	Action	Location of Change	Revision Description	Background
8/6/2019	Appendix 10.3-B1, 10.3-B2, 10.4-B1, 10.7-B1 Replace all pages.	pages 10.3-B1, 10.3-B2, 10.4-B1, 10.7-B1	Removed details.	The details in the manual were difficult to update and hence were inconsistent with the details on the webpages. The details on the webpages are kept current. The Appendices give a link to the webpages.
2/8/2016	Section 10.6 Replace all pages.	page 10.6-1, 2	<p>Revised D. to:</p> <p><i>1) Once the contract is awarded, the Contractor shall submit shop drawings of the CCTV support pole(s), design calculations, and top of foundation reactions for each pole location to the Bureau of Bridge Design for approval in accordance with Section 105.02 of the NHDOT Standard Specifications and the special provision. The Contractor shall also indicate which foundation he will be installing: spread footing or drilled shaft foundation.</i></p> <p>⇒ The Bureau of Bridge Design or the design Consultant will use the top of foundation reactions from the fabricator to verify or modify the preliminary foundation design that was included in the contract, for a final design.</p> <p>From:</p> <p>1) Once the contract is awarded, the Contractor shall submit shop drawings of the ITS support structure(s) or support structure(s) and foundation to the Bureau of Bridge Design for approval in accordance with Section 105.02 of the NHDOT Standard Specifications.</p>	The CCTV pole special provision now includes a preliminary design of a drilled shaft from estimated loads for bidding purposes only. Once the project is awarded, the Contractor submits the pole shop plans, calculations that include the top of footing reactions and chooses a foundation type (drilled shaft or spread footing). Then the preliminary plan is verified or modified for a final design.
2/8/2016	Appendix 10.2-A1 Replace all pages.	Appendix 10.2-A1-1,2	Updated Basic Wind Speed Map in accordance with AASHTO LRFD Bridge Design Specifications 2014 with 2015 & 2016 interims.	MRI 700-yr map shall be used for design of bridges, traffic signal mast arms, and soundwalls. The sign structure fabricator has not yet converted to LRFD, hence the Standard Specification wind load of 100-mph shall be used until the fabricator is able to design LRFD.
2/8/2016	Appendix 10.4-B1. Replace all pages.	all pages	Updated detail sheet.	Changes are noted on the Bridge Detail Sheets Revision History Document
2/8/2016	Appendix 10.7-B1. Replace all pages.	all pages	Updated detail sheet.	Changes are noted on the Bridge Detail Sheets Revision History Document