

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



BUREAU OF BRIDGE DESIGN



BDM CHAPTER 1 - REVISION HISTORY

Date of Revision	Action	Location of Change	Revision Description	Background
3/11/2016	Section 1.3 Replace all pages.	Section 1.3.8, page 1.3-15	Section B. Upon Audit Close Out of Project Added to 1st check box: <input checked="" type="checkbox"/> Design and Check calculation files <i>(A paper copy shall be placed in the folder and an electronic copy [.pdf] of all calculations and computer programs shall be placed on the S:\Bridge-Design\Projects folder. Do not put a copy of the calculations on a CD or a flash drive.)</i>	Clarification of archiving calculations. It was decided that a paper copy of all calculations and programs should be kept in the project file and archived. If the Design Consultant provides an electronic copy, then a paper copy needs to be printed and placed in the folder.
3/11/2016	Section 1.4 Replace all pages.	Section 1.4.4, page 1.4-7	Added 2nd check box to: B. Traffic Forecast Request: <input checked="" type="checkbox"/> The "Mean Year ADL" check box needs to be checked to provide information for a Pavement Recommendation Request.	
		Section 1.4.4, page 1.4-8	Added 2nd check box to: H. Pavement Recommendation Request: <input checked="" type="checkbox"/> Request shall include location map, traffic counts (including Mean Year ADL), preliminary roadway plan, profile and sections.	
		Section 1.4.4, page 1.4-14	Revised 4) Create and Route PPS&E Estimate, 2nd and 3rd paragraphs: To: <i>The items and quantities should be input into the estimate database iPD (integrated Project Development) system. This new system is a web-based integrated software application that will manage all aspects of the Project Development lifecycle (project estimates, electronic bidding, construction management, civil rights and materials management). The estimate database is located https://ipd.exevision.com/nhdot/ipd/Index.aspx. The unit weighted prices of item numbers can be viewed by right-clicking on the item description or opening from a menu. The database contains A, B and C bid prices for each item from all projects except, metric projects. No metric items were converted into the database. If an item is not listed in the database, then Designer will need to speak with the Specifications Office to have it included. Once the items are inputted into iPD, create a .pdf and attach it to the estimate in ProMIS before routing.</i>	Updated information for using the new estimate database, iPD.

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			<p>From: The items and quantities should be input into the estimate database at this time. For a guide on developing the estimate go to: http://www.nh.gov/dot/org/projectdevelopment/highwaydesign/designmanual/index.htm The unit prices can be estimated from the Bridge Database located at: S:\Bridge-Design\ACCESS\Bridge.mdb. This database contains the A & B bid prices for each item from all bridge projects. The database can be searched for unit costs for a range of dates and quantities specified following the steps below: > Search for Item Price > Enter the Item Number > Avg unit price is noted on the bottom</p>	
		<p>Section 1.4.4, page 1.4-17</p>	<p>Revised 6) Create and Route PS&E Estimate, 3rd & 4th paragraph: To: Enter ProMIS to create and route the PS&E estimate. Any items that need updated are done in iPD estimate database then made into a .pdf to attach to the estimate body created in ProMIS and routed. From: A list of the items used for NHDOT projects is located in the internal estimate data base program under "Preview of Master Items" tab. (G:\DATABASE\BUR34\Estwork32.mdb). The items with an asterisk *, are items that require a special provision, located at G:\Specifications\special-provisions. Enter ProMIS to create and route the PS&E estimate. Enter the estimate database in Access (G:\DATABASE\BUR34\Estwork32.mdb) to input the items.</p>	<p>Updated information for using the new estimate database, iPD.</p>

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		Section 1.4.4, page 1.4-22	<p>Revised 1) Create and Route the Project Agreement Estimate (Based on Bids), 1st & 2nd paragraphs:</p> <p>To:</p> <p><i>The Project Agreement Estimate (Based on Bids) is processed after the bid opening. After the bid opening, the bid prices will be shown in the iPD estimate database. The item list will need to be made into a .pdf to be attached to the ProMIS estimate body.</i></p> <p><i>Enter the total construction costs of the item bid prices in ProMIS, attach Based on Bids item list and route the "Based on Bids" estimate.</i></p> <p>From:</p> <p>The Project Agreement Estimate (Based on Bids) is processed after the bid opening, once the bid prices are known. A couple of days after the bid opening, the bid prices are posted on the internet located at http://www.nh.gov/dot/org/administration/finance/bids/bidresults/index.htm and listed by project name. The bid prices can be automatically downloaded into the estimate database in Access (G:\DATABASE\BUR34\Estwork32.mdb) as noted in the steps below:</p> <ul style="list-style-type: none"> -Project Development -Project Agreement -Download "A" Bidder Prices (enter project number) <p>Enter the total construction costs of the item bid prices in ProMIS and route the "Based on Bids" estimate.</p>	Updated information for using the new estimate database, iPD.
2/8/2016	Section 1.3 Replace all pages.	Section 1.3.7, page 1.3-12	Revised #9 second bullet: added words: "bridge shoes "	
		Section 1.3.8, page 1.3-15	Added bullet: "Hearing Plans and any other items presented at the Hearing"	
2/8/2016	Section 1.4 Replace all pages.	page 1.4- 1,3,5,13,14,17,22	Replaced all references of "STYP-RMS" with "ProMIS". Removed "Orange Sheet"	Environment is now only requesting the Green Sheet. ProMIS is the new program for project cost estimating.
		Section 1.4.4, page 1.4-6, 1.4-7	Revised 5) Site Visit: changed link to find Environmental Manager	
		Section 1.4.4, page 1.4-15	Revised 7) Issues meeting (80% Coordination Meeting): revised last sentence to: "The following should be invited to the meeting as appropriate." From: The following shall be invited to the meeting;	

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		Section 1.4.4, page 1.4-18	Revised 7) Final ROW Plans for Record: 2nd paragraph Replaced " Appendix 3.6-A2 " with "Chapter 3 Section 3.5"	
		Section 1.4.4, page 1.4-23	Revised 2) Enter the Slope-Intercept Cost in the Bridge Database: Added bullet: ☐ Temporary Bridge Last paragraph, last sentence: To: " <i>If the project is a bridge rehabilitation (deck replacement, deck patch, expansion joint replacement or rail replacement) the slope-intercept height, H, shall be entered as zero (0). If the bridge rehabilitation is a widening, then enter H as noted in Appendix 2.9-A1.</i> " From: " If the project is a bridge rehabilitation, a slope intercept cost does not need to be calculated. "	