



Staff Bridge Branch  
2829 W. Howard Place, 3<sup>rd</sup> Floor  
Denver, CO 80204

## MEMORANDUM

DATE: Thursday, March 30, 2022

TO: All Bridge Worksheet Users

FROM: Michael Collins, Staff Bridge Branch Manager

SUBJECT: CDOT Bridge Worksheets Updates

All worksheets except for 504 MSE worksheets have been updated with the most current border, note numbering, abbreviations and other minor updates and are now available. Individual changes other than these minor changes are identified in the following paragraphs.

These updates, and all of the worksheets, are available through the CDOT bridge web page.

<http://www.codot.gov/library/bridge/design-standards>

- B-INDEX-1: Updated revisions log and revision table cells for this submittal, added mark for rehab only
- B-INDEX-2: Updated revisions log and revision table cells for this submittal, added mark for rehab only
- B-100-1: Added Designer/Detailer notes
- B-100-1AR: Added general note for lead-based paint, removed two designer/detailer notes
- B-202-1: Removed references to Class 1 and patching material and updated designer/detailer notes
- B-202-2: Updated designer/detailer notes and info for polyester concrete definition as well as Class 1 adjacent to Class 2/3.
- B-206-F1,F2: Revised details to show more realistic construction techniques
- B-206-M1: Updated details to show more realistic construction techniques
- B-206-M2: Note added, this sheet can only be used w/prior approval from Staff Bridge
- B-210-1: Caisson verbiage changed to Drilled Shaft
- B-503-1: Caisson verbiage changed to Drilled Shaft including sheet title
- B-504-SN1thru7: Cleaned up details and text scales
- B-507-1,2: Added ladder stops, cleaned up detailing, renamed to single and double
- B-508-PB: Deleted plan of pad & shim
- B-509-1A, B: Deleted/Retired
- B-509-2AthruE: Cleaned up dimensioning and plate callouts
- B-512-2thru5: Cleaned up detailing and charts
- B-514-PR: Cleaned up dimensions to match requirements and removed painting option



- B-518-1: Note added for anchor bar spacing and support bracket connections, updated acceptable alternatives and anchorage details
- B-518-1A: Additional dimensions added
- B-518-1B: For Repair/Rehab watermark added
- B-518-1BF: Deleted/Retired
- B-518-1C: linework and Type 9 barrier rebar updated
- B-518-1R: Updated Step 4, symbols, and details
- B-518-M1C: Notes added for modular joint consideration, updated barrier type
- B-518-M1S: Notes added for modular joint consideration, updated barrier type
- B-518-M2C: Updated to Type 9 barrier
- B-518-M2S: Updated to Type 9 barrier
- B-518-M3: Updated to Type 9 barrier
- B-518-P,PR: Numbered Notes
- B-601-1: Eliminated notch for guardrail post, updated to Class DF, added reference to transition sheets
- B-601-1EC: Deleted/Retired
- B-601-1BF: Deleted/Retired
- B-601-1EA: Section C removed, updated to Class DF, updated to Type 9 barrier, added reference to transition sheets
- B-601-3: Note added about drainage items
- B-601-4: Note added for required precast panels to add additional pay item, updated strand extension
- B-606-8RMASHA: Removed new concrete work from pay item
- B-606-8RMASHB: Added note to detailer for plate dimensions/bolt location/additional pay items, removed bolt location dimensions
- B-606-9-3: Retitled sheet for intent, Added sentence to Note 1 for #3 reinforcing option, added roughening requirement
- B-606-9-4: Retitled sheet for intent, Removed Class G, added note regarding staff bridge Approval, added roughening requirement
- B-606-10MASH: Added note regarding staff bridge approval required for changes. Added cross Slope indicators, Added noted regarding sidewalk notes, revised bolt grade
- B-606-10MASHA, A-S: Added 6'-8" minimum dimension
- B-606-10MASHC-S: Removed "tube expansion devices" from Note 5
- B-607-1: Rescaled and redrew details
- B-607-3: Updated anchorage detail, updated to Type 9 barrier, and revised Note 3
- B-607-CR: Updated bar diameter
- B-607-SB1,SB2: Changed to rehab only
- B-618-BX: Moved inside chamfers to match industry practice, Updated exterior chamfers to 3/4", added skewed corner trim, corrected bent angle, Added girders with negative cambers will be rejected, added notes regarding shear steel, updated for 1 1/2" clear for exterior,
- B-618-CBT1: Showed pvc sleeves, revised linework at girder end to clear up depiction, revised bottom stirrups and added note
- B-618-SL: Revised chamfers and bent angle. Updated to 1 1/2" clear.
- B-618-U: Revised chamfers and bent angle. Updated to 1 1/2" clear.



Please review and become familiar with these revisions. If you have any questions or recommendations for improvement to the worksheets, please contact:

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MPC/ajp

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