



Staff Bridge Branch
2829 W. Howard Place, 3rd Floor
Denver, CO 80204

MEMORANDUM

DATE: Thursday, October 31st, 2024
TO: All Bridge Worksheet Users
FROM: Michael Collins, Staff Bridge Branch Manager
SUBJECT: CDOT Bridge Worksheets Additions and Updates

The following worksheets have been updated and new worksheets are now available. Individual 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-3: Updated revisions log and revision table cells for this submittal.

B-INDEX-4: Updated revisions log and revision table cells for this submittal.

All Production Sheets - updated to ORD configuration compliance, miscellaneous typos, updated “banner” references to “rustication”

Renamed B-504-AA, BB & CC to keep in alphanumeric order, updated rail references in titles

B-504-A1 to A5, B1 to B3, C1 to C3, D1 to D5, E1 to E3, F1 to F3, L1 to L5, M1 to M3, N1 to N3: Added reference to Style CD barrier, added anchor slab and coping references, updated rail types and display options, revised design height location to match calculations, removed clay plug details, removed geotechnical requirement in note 1 and clarified it’s the Contractor’s responsibility.

B-504-H1 to H4, O1 to O4 Added supporting calculations and examples

B-504-I1 to I5: Updated offset details, wall naming convention, wall “stopper” call outs

B-504-J1 to K2: Updated rebar callouts, grading notes and directions

B-504-Q1: Revised instruction and updated required wall data

B-504-Q2 to Q7: Updated notes



B-504-S1: Updated rail references and notes to detailer/design

B-504-S7: Renamed to include Type 9 Bridge Rail and updated details for Type 9 barrier. Added notes to designer/detailer

B-504-U1 to U2: Updated notes for down drain details

B-504-V1: Renamed to ANCHOR SLAB DETAILS and included detail numbers for page references. Removed weakened plane and reinforcing discontinuity. Updated bridge rail references. Added waterstop as pay item.

B-504-V2: Updated bridge rail linework. Added design requirements to latest MASH needs, removed damage avoidance notes

B-504-V3 to V4: Added hydraulic notes. Updated bridge rail references.

B-504-V5 to V6: Updated bridge rail references.

B-504-W1 to W2: Updated geotextile nomenclature

B-504-W1: Added benching detail for strip drains.

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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Distribution via e-mail:

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