



MEMO

February 23, 2024

To: Directors of Transportation Planning and Development

From: Steven Austin, P.E.
Field Operation Section Director, Bridge Division

Robert Owens, P.E.
Bridge Design Section Director, Bridge Division

Subject: New and Revised Working Drawings for Repairs

New and revised working drawings for bridge repairs, with issue date of February 2024, are posted on the TxDOT web site and available for immediate use.

Revised working drawings include the following:

- Bridge Deck Overlay Notes
- Cleaning and Sealing Existing Bridge Joints (Pan Girders)
- Cleaning and Sealing Existing Bridge Joints
- Precompressed Foam Expansion Joint Seal
- Elastomeric Bearing Replacement Details for Concrete Beams
- Elastomeric Bearing Replacement Details for Steel Beams
- Prestressed Concrete Beam Repair Details
- Bridge Protective Beam Wrap
- Steel Beam Repair
- Pile Encasement Details

New working drawings include the following:

- Full Depth Deck Repair
- Partial Depth Deck Repair
- Waterproofing Details
- Cleaning and Sealing Existing Bridge Joints (Strip Seal)
- Joint Repair and Replacement Details (Bridges With Asphalt Overlay)
- Joint Repair and Replacement Details (Bridges Without Asphalt Overlay)
- Zone Painting Details
- Bent Cap Repair Details
- Box Culvert Slip Lining Details

Working drawing require the user to review and modify the sheets to be project specific. The Notes to Designer box must be removed and the sheet signed and sealed.

These and bridge standard drawings are available on the Bridge Standards web page (<http://www.dot.state.tx.us/business/standardplanfiles.htm>) in MicroStation® “dgn” and Adobe® Acrobat® “pdf” formats.

For questions or comments concerning these standard drawings, please contact Seth Cole, P.E. at 512/416-2150 or Taya Retterer, P.E. at 512/416-2719.

CC: Federal Highway Administration
Bridge Design Consultants
District Design Engineers
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