

CHAPTER 12
STANDARD DRAWING REVISION LOG

B12.1 Culvert Joint Details

June 2006 Added new standard drawing.
Nov 2019 Revised format of notes to active voice, imperative mood.
Jan 2022 Converted sheet to ORD format.
June 2022 Revised format of leader lines.
Oct 2023 Revised notes format for active voice, imperative mood and Writer's Style Guide.
Wrapped bars extending beyond the expansion joint to allow movement.

B12.2 Precast Stiffleg Culvert Details

June 2013 Added new standard drawing.
March 2015 Specified 12" wide joint wrap conforming to ASTM C877.
Aug 2016 Added note 7 for wall thickness to comply with Article 12.14.4.
Nov 2019 Revised Note 7 to clarify that dimensions are minimums.
Added Note 8 for dimensional tolerances to comply with ASTM C1504 Section 11.
Added footing closure pour detail.
Revised reference to waterproofing system to Type D to match 2018 Standard specifications.
Rounded Slab Joint Detail dimensions to 4" and ¼" from 3-15/16" & 5/16".
Revised format of notes to active voice, imperative mood.
Jan 2022 Converted sheet to ORD format.
June 2022 Deleted inch symbol from angle designation and weld size designation.
Revised format of leader lines.
Oct 2023 Revised notes format for active voice, imperative mood and Writer's Style Guide.
Changed Weld Connection detail for the top plate width to 7½" to allow welding on 3 sides.
Dec 2024 Changed "Typical Precast Cross Section" to "Precast Typical Section".
Revised Design Fill Depth note in Precast Typical Section to match B12.3.
Changed Concrete Leveling Course Detail to "NTS".
Added Date Panel details.

B12.3 Precast Box Culvert Details

June 2013 Added new standard drawing.
March 2015 Moved wing wall details to new sheet B12.4
Added note 6 for watertight joints on pedestrian underpasses.
Specified 12" wide joint wrap conforming to ASTM C877
Specified ASTM C990 for joint sealant.
Aug 2016 Deleted minimum wall thickness from Typical Precast Cross-Section.
Nov 2019 Added Note 7 for dimensional tolerances to comply with ASTM C1577 Section 12.
Revised reference to waterproofing system to Type D to match 2018 Standard specifications.
Revised format of notes to active voice, imperative mood.
Jan 2022 Converted sheet to ORD format.
June 2022 Revised format of leader lines.
June 2023 Revised notes format for active voice, imperative mood and Writer's Style Guide
Dec 2024 Changed "Typical Precast Cross Section" to "Precast Typical Section".
Changed Concrete Leveling Course Detail to "NTS".
Added Date Panel details.

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STANDARD DRAWING REVISION LOG

B12.4 Miscellaneous Precast Culvert Details

March 2015	Added new standard drawing.
Jan 2022	Converted sheet to ORD format.
June 2022	Revised format of leader lines.
Dec 2024	Added “top of wingwall elevation” and “Top of footing elevation” to precast wingwall and precast cutoff wall Elevations. Corrected “wing wall” to “wingwall”.