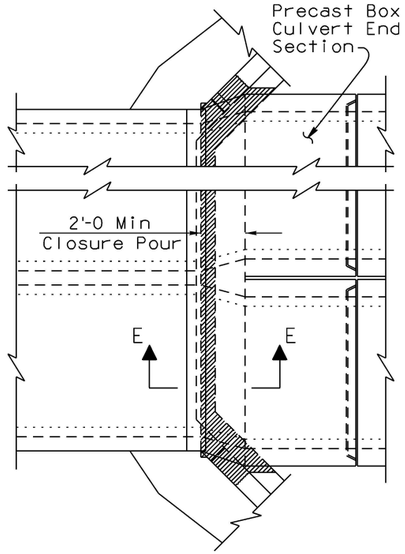
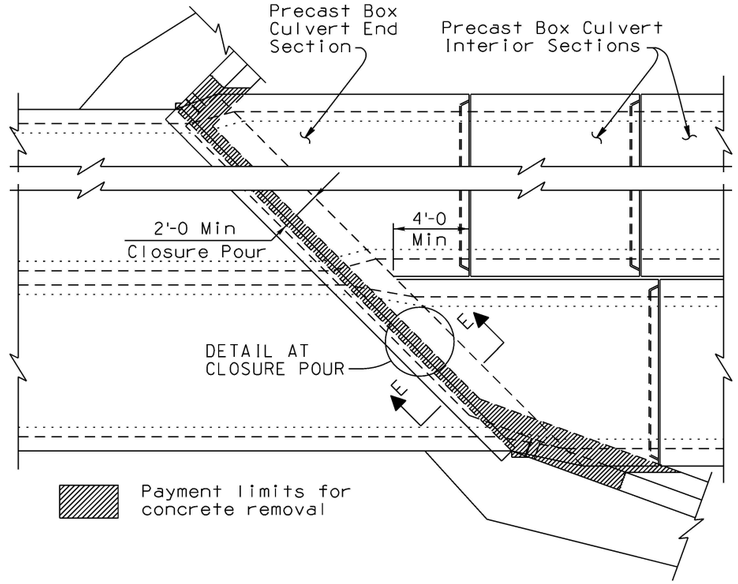
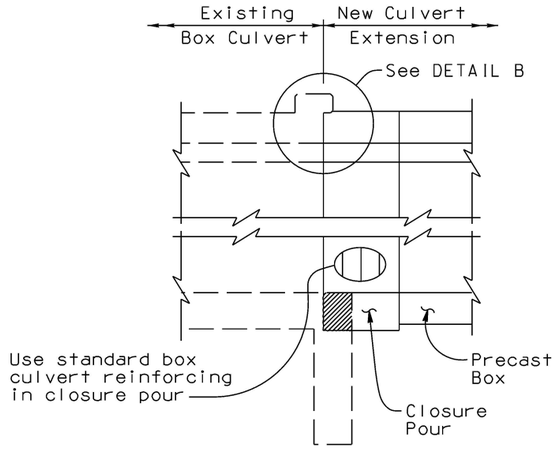


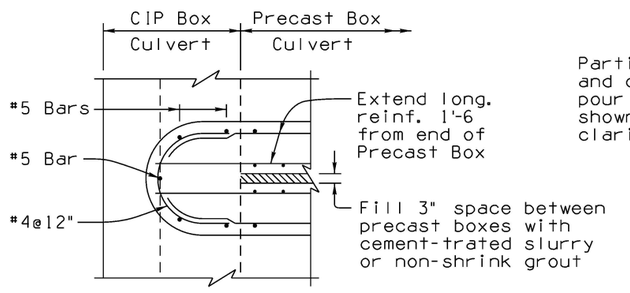
PART PLAN CULVERT EXTENSION
(Showing Right Angle Culvert)



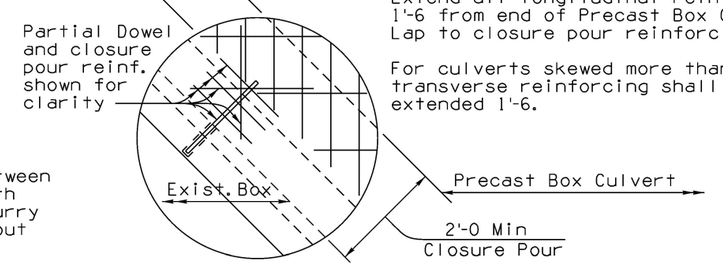
PART PLAN CULVERT EXTENSION
(Showing Skewed Culvert)



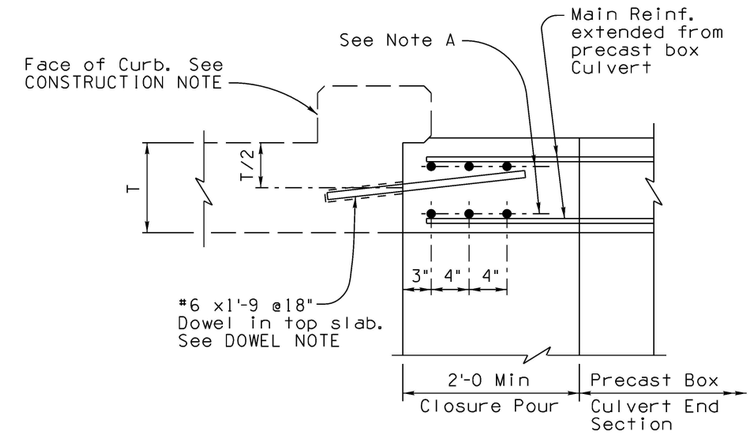
SECTION E-E



SECTION B-B



DETAIL AT CLOSURE POUR
(Culvert Extension)



DETAIL B

NOTES:

For General Notes, Dimensions, Quantities and additional details, see SD 6.20 (1 of 4).

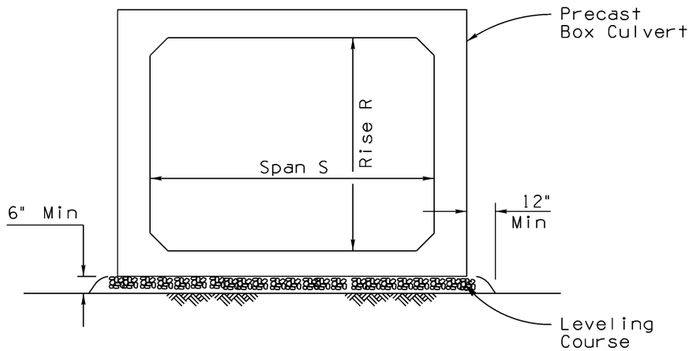
For Structure Backfill Details, see SD 6.01 (4 of 5).

DOWEL NOTE:

Drill 1" Φ hole, 8" deep, for #6 dowel. Epoxy dowel in hole with an approved epoxy adhesive. Epoxy anchorage shall develop a tensile pullout strength of 13 kips. Details of the Anchorage System shall be submitted to the Engineer for approval prior to installation.

CONSTRUCTION NOTE:

Remove existing headwall as required for new construction. The Curb to remain unless within 1'-0 of finish grade. If concrete headwall is removed to face of curb, use projecting reinforcing steel for bond in new concrete (no dowels are needed). Wingwalls shall be removed a minimum of 1'-6 to provide steel for bond. Any use of mechanical couplers shall meet the requirements of the standard specifications, the approved products list, and shall be submitted to the Engineer for approval.



LEVELING COURSE DETAILS

NOTE A:

Use 3-#7 @ 4" spacing top and bottom bars for culverts skewed 6° to 30°.

Use 3-#8 @ 4" spacing top and bottom bars for culverts skewed 31° to 45°.

Culverts skewed more than 45° require a special edge beam design.

Edge beam reinforcing quantity shall be added to the quantity table.

STANDARDS ENGINEER B. SINGH RECOMMENDED FOR APPROVAL GROUP MANAGER D. BENTON APPROVED STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION 10/24 DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION **BRIDGE GROUP STANDARD DRAWING** PRECAST REINFORCED CONCRETE BOX CULVERTS MISCELLANEOUS DETAILS 2 DRAWING NO. SD 6.20 (4 of 5)

PRIOR DISTRIBUTION DATE 02/23

Note to Designer:
The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is intended for general use. It should not be used or specified without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Contents within the inner border line shall not be altered.