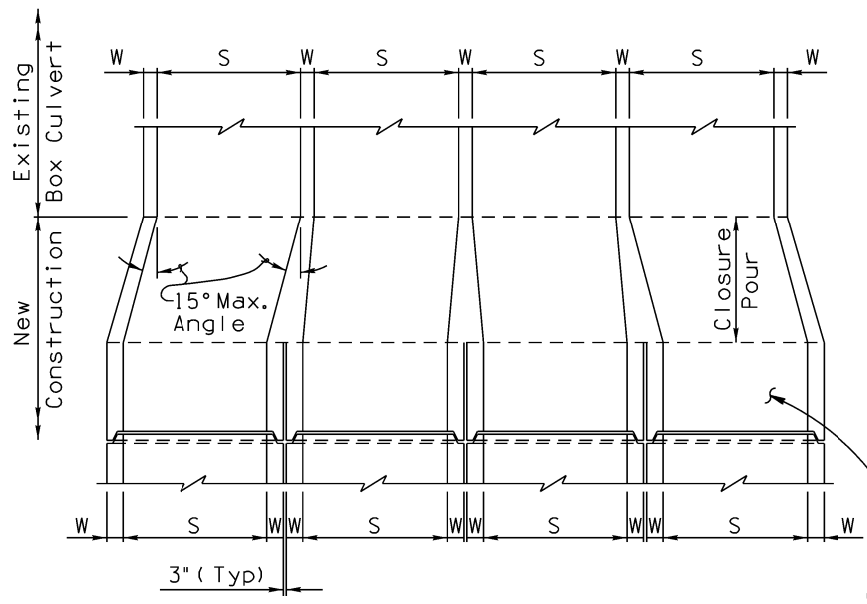
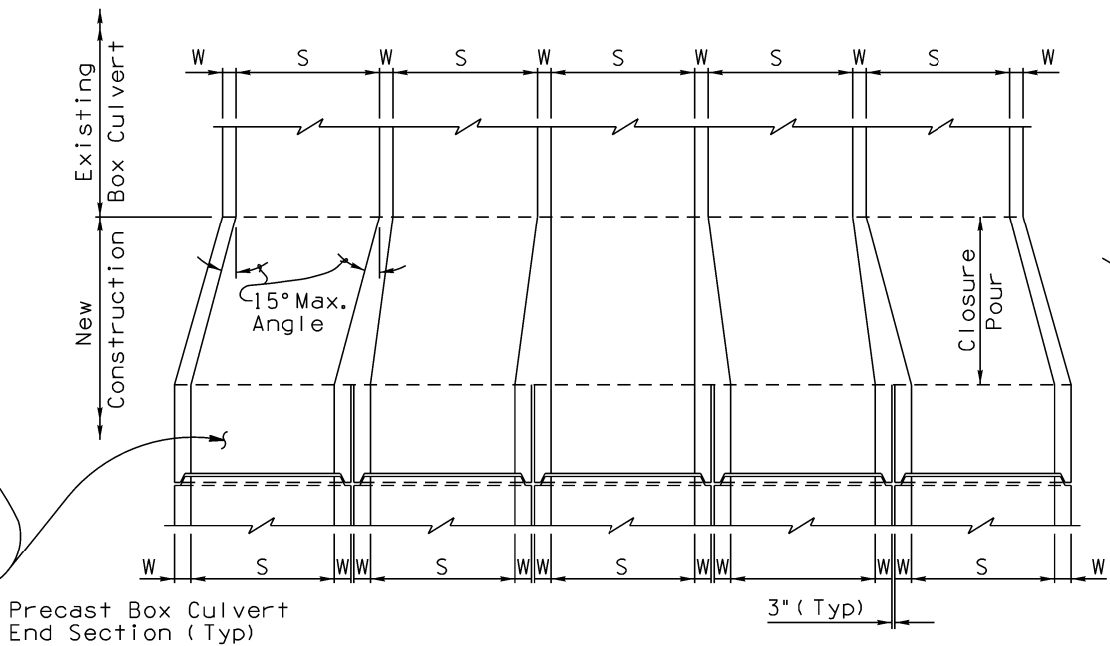


Note to Designer: The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability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

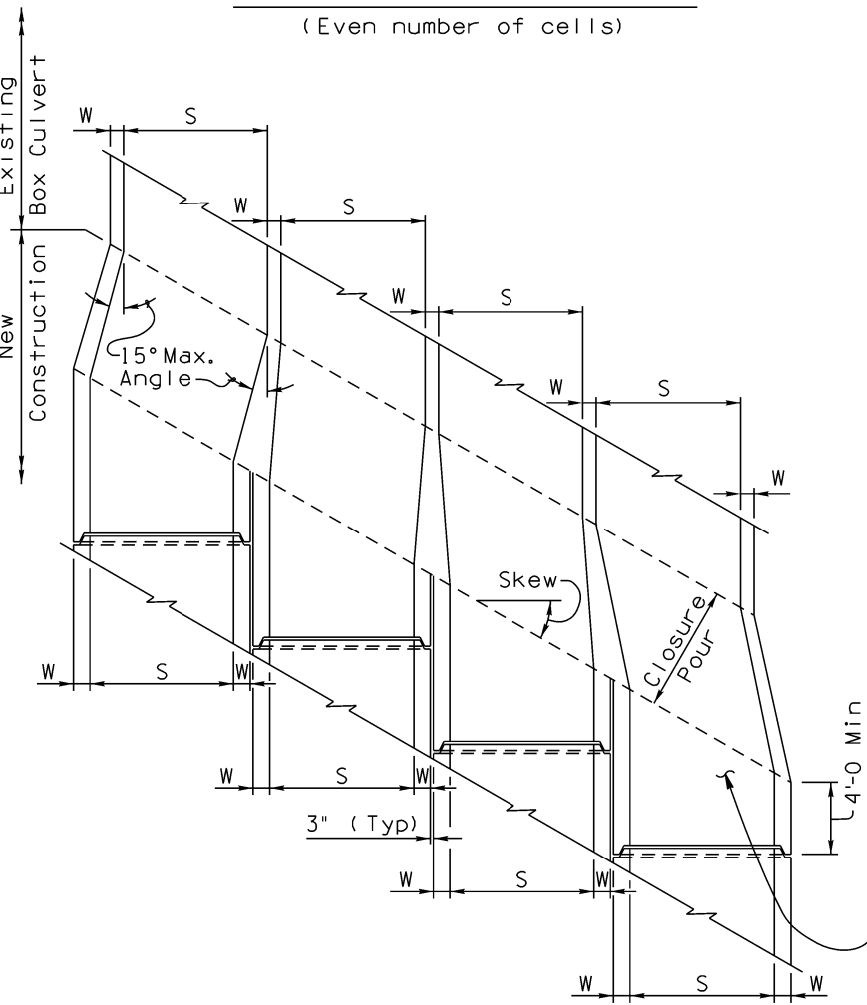
PRIOR DISTRIBUTION DATE 02/23



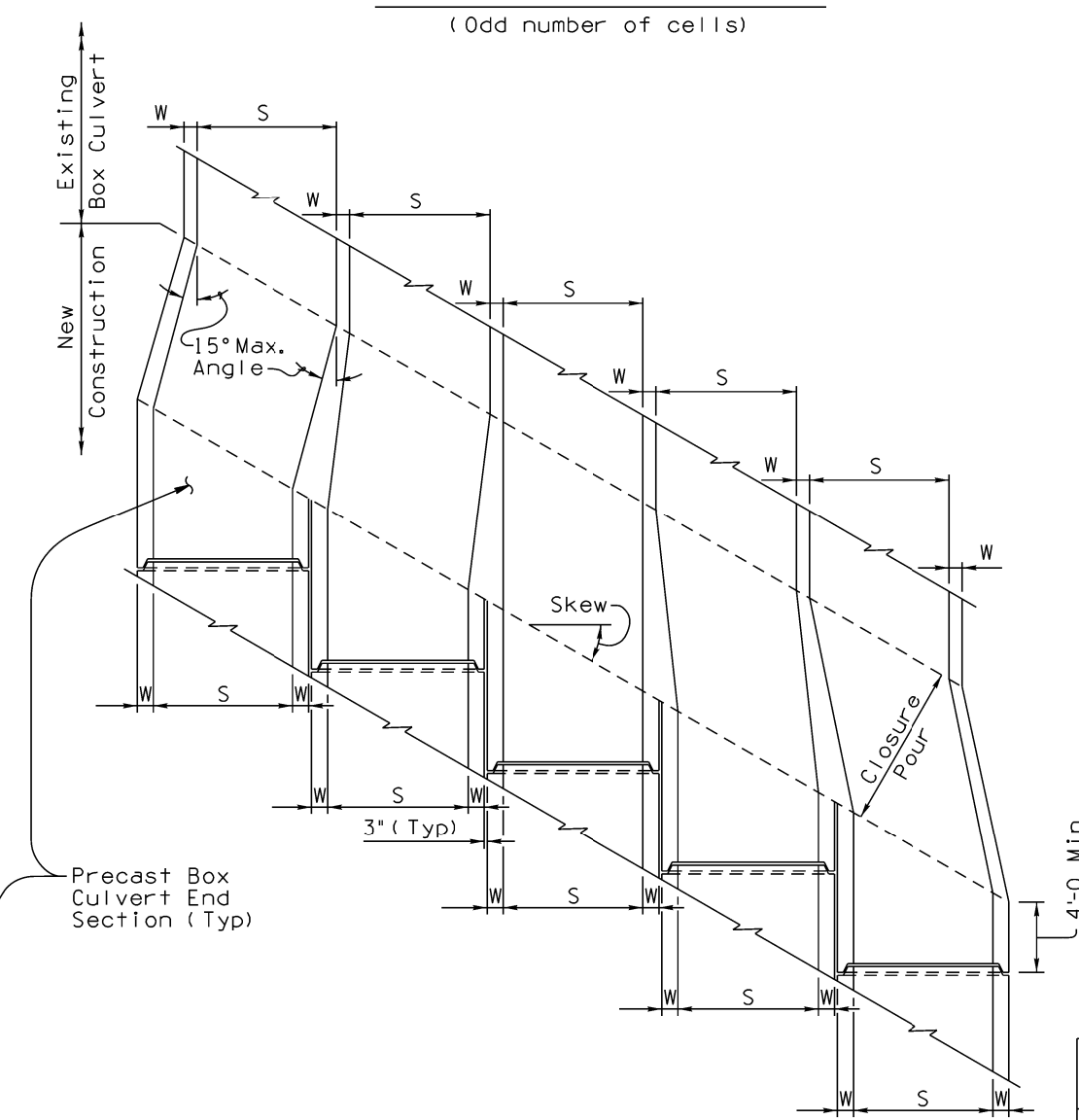
SECTION THRU CULVERT WALLS
(Even number of cells)



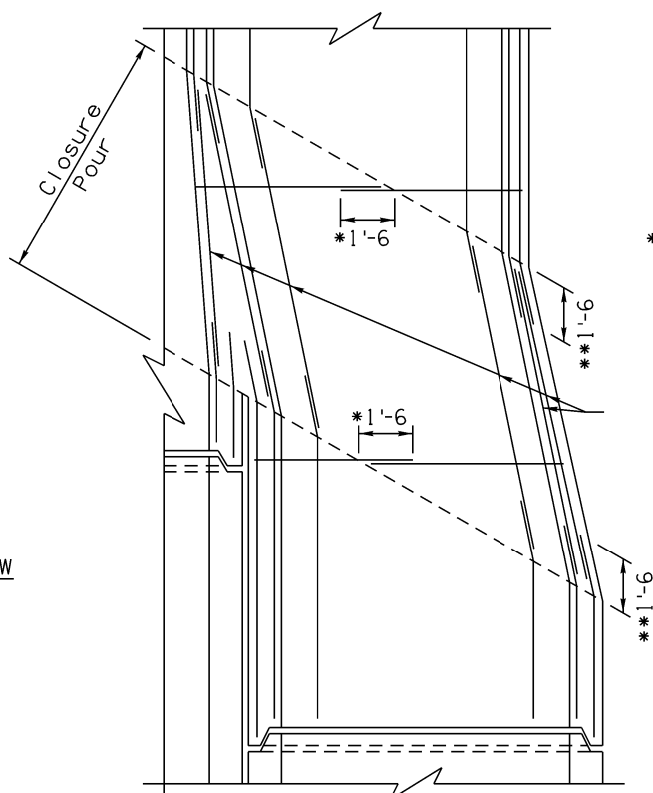
SECTION THRU CULVERT WALLS
(Odd number of cells)



SECTION THRU CULVERT WALLS
(Even number of cells)



SECTION THRU CULVERT WALLS
(Odd number of cells)



CLOSURE POUR REINFORCEMENT

For skewed ends < 20°, Place transv. slab bars along skew.
 *For skewed ends ≥ 20°, Extend box transv. reinf. 1'-6 and lap transv. slab bars.
 **Extend box long. reinf. 1'-6, bend to wall angle.

Lap long. reinf. in walls and slabs to extended bars.

NOTE:
Only partial reinf. shown for clarity.

For reqd. reinf. in closure pour area, See SD6.01 to SD6.06.

SPAN LENGTH	CLOSURE POUR LENGTH				
	NO. OF BARRELS				
6	2'-0	3'-9	5'-8	7'-6	9'-4
8	2'-4	4'-8	7'-0	9'-4	11'-8
10	2'-8	5'-4	8'-0	10'-7	13'-3
12	3'-0	5'-11	8'-11	11'-10	14'-10

CLOSURE POUR NOTES:

Closure pour length determined by 15° max. wall angle for exterior box offset (Min. 2'-0).

For skewed culvert ends, length of closure pour measured along $\frac{1}{2}$ culvert is determined by dividing length in table by cosine of skew angle.

Culvert walls length and width varies within closure pour area to match adjoining walls. Top and bottom slab thickness may vary to match adjoining slabs.

NOTE:

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

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 3

DRAWING NO.
 SD 6.20
 (5 of 5)