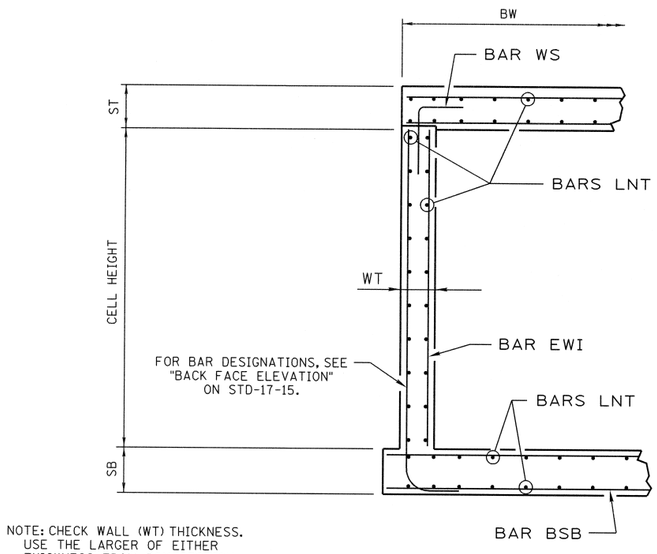
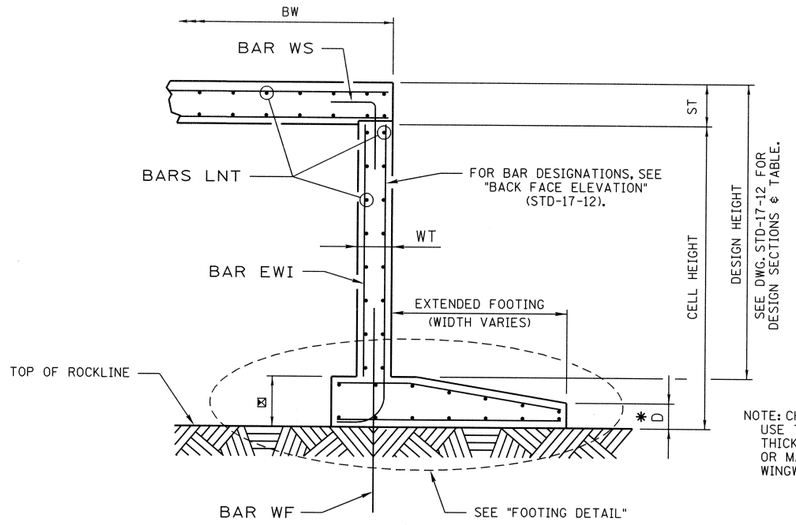
STD177.DGN



NOTE: CHECK WALL (WT) THICKNESS. USE THE LARGER OF EITHER THICKNESS FROM BOX SECTION OR RETAINING WALL TABLE.

BOX BRIDGE

NOTE: BAR A, BAR C AND BAR C1 TO REPLACE BAR EWE & BAR WS IN SB.



NOTE: CHECK WALL (WT) THICKNESS. USE THE LARGER OF EITHER THICKNESS FROM SLAB SECTION OR MAXIMUM DESIGN HEIGHT ON WINGWALL TABLE (STD-17-15).

SLAB BRIDGE

NOTE: BAR A, BAR C AND BAR C1 TO REPLACE BAR EWE.

CONST. NO.

PROJECT NO.	YEAR	SHEET NO.
	2010	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

NOTE: FOR "BOX DIMENSION DESIGNATIONS", SEE STD-17-5.

NOTE: FOR "REINFORCING BAR DESIGNATIONS", SEE STD-17-5.

NOTE: BARS A, BARS C AND BARS C1 ARE WINGWALL BARS. FOR BAR PLACEMENT, SPACING AND SIZE, SEE STD-17-15.

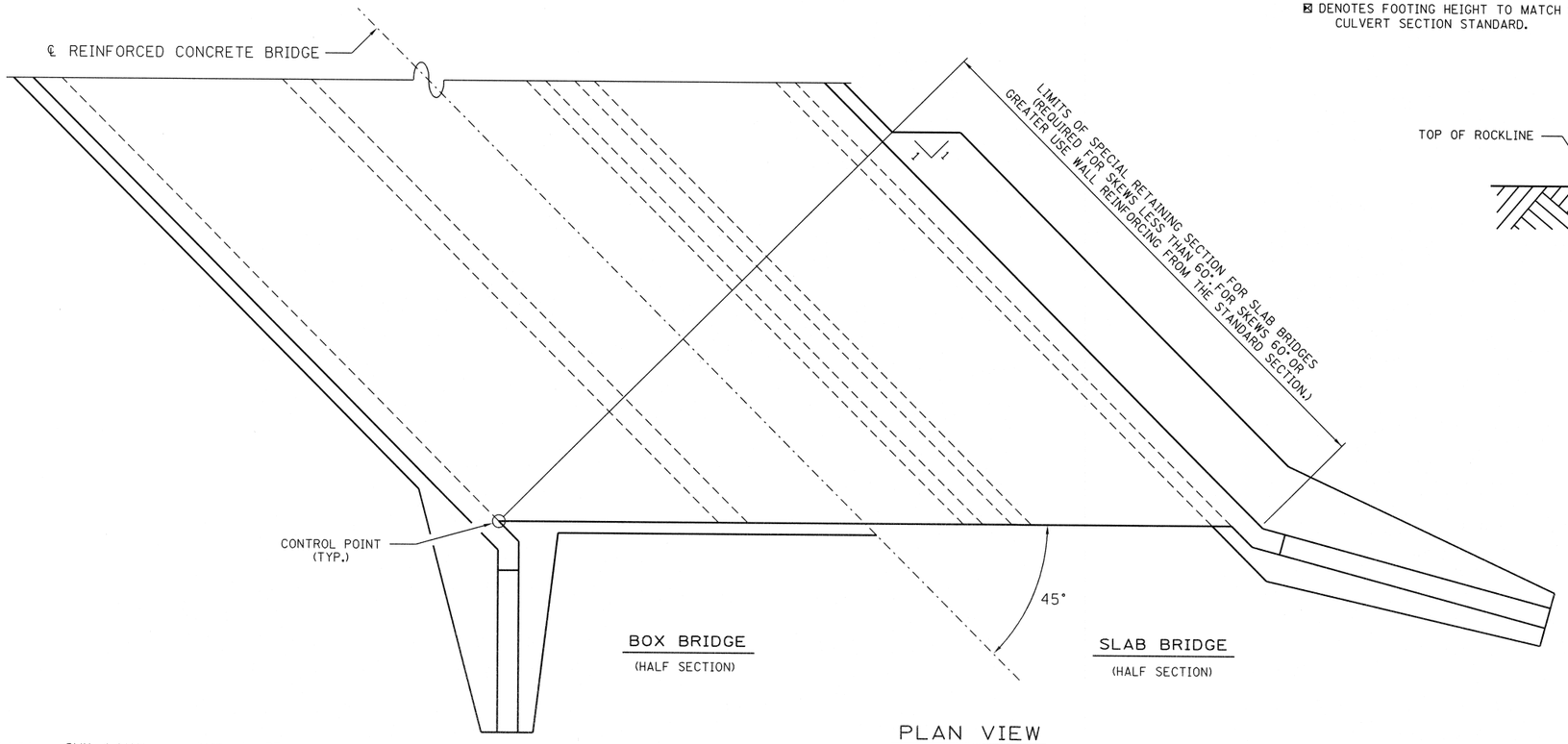
NOTE: ADDITIONAL CONCRETE AND REINFORCEMENT QUANTITIES FOR END SECTIONS SHALL BE ADJUSTED BASED ON AS BUILT DIMENSIONS.

TYPICAL SECTIONS

NOTE: APPLIES ONLY TO END SECTIONS OF CULVERTS SKEWED LESS THAN 60°.

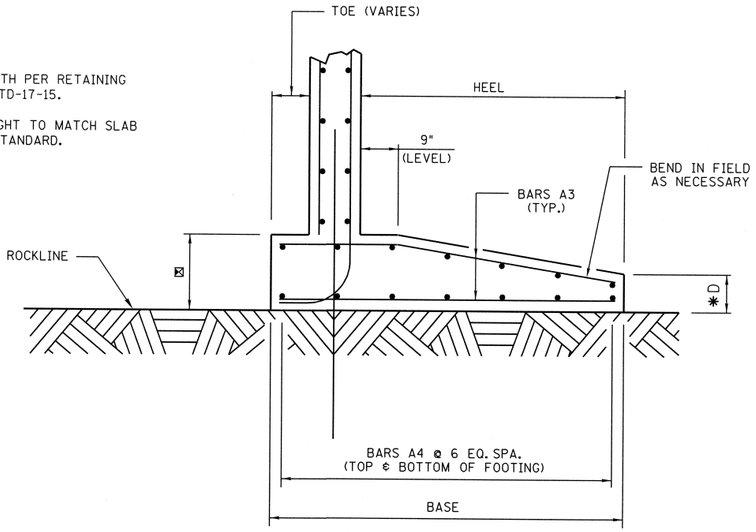
* DENOTES MINIMUM DEPTH PER RETAINING WALL TABLE. SEE STD-17-15.

⊠ DENOTES FOOTING HEIGHT TO MATCH SLAB CULVERT SECTION STANDARD.



PLAN VIEW

(3 BARREL SHOWN. 1 AND 2 BARREL SIMILAR.)
(APPLIES ONLY TO END SECTIONS OF CULVERTS SKEWED LESS THAN 60°.)



FOOTING DETAIL

NOTE: SEE STD-17-15 & 16 FOR MORE INFORMATION.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

END SECTION DETAILS

STANDARD REINFORCED CONCRETE BRIDGE BOX AND SLAB TYPE

2010

CORRECT Edward P. Wasserman
ENGINEER OF STRUCTURES

STD-17-28

DESIGNED BY CMH / MAH DATE 12-09
DRAWN BY DIANE BUSH DATE 04-10
SUPERVISED BY RLH / JWP / MAH DATE 12-09
CHECKED BY DATE

Drawn: std-std177.dgn
Date: 04-01-2010
Revised: