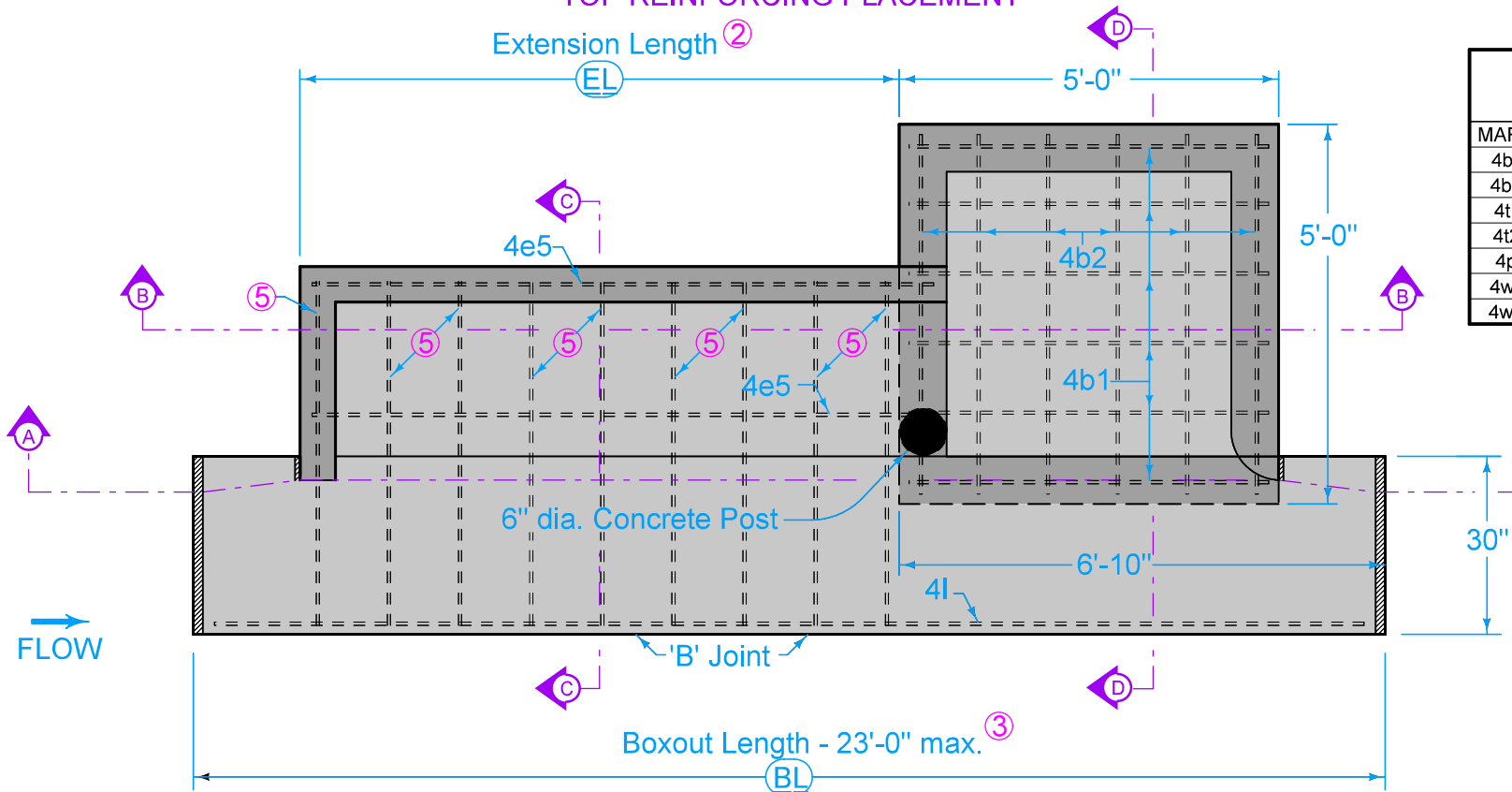
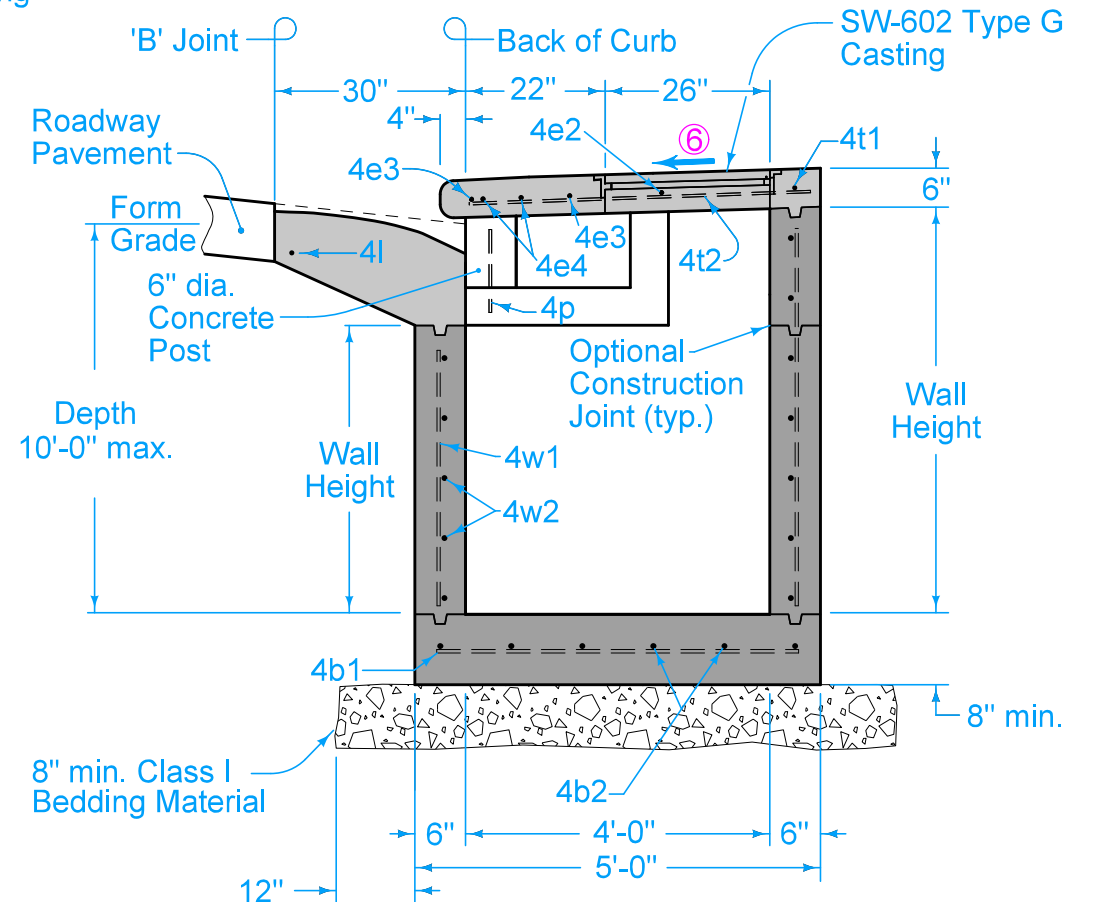


PLAN  
TOP REINFORCING PLACEMENT



PLAN  
BOTTOM REINFORCING PLACEMENT

REINFORCING BAR LIST Intake Well					
MARK	SIZE	LOCATION	NO.	LENGTH	SPACING
4b1	4	Base	6	4'-6"	11"
4b2	4	Base	6	4'-6"	11"
4t1	4	Top	1	4'-8"	12"
4t2	4	Top	4	4'-3"	See Detail
4p	4	Post	1	13"	See Detail
4w1	4	Walls	16	Wall Height minus 4"	14"
4w2	4	Walls	Varies	4'-8"	12"



SECTION D-D

- ② Other lengths of opening may be constructed by varying the length of the extension and the rebar.
- ③ Includes 2 inches for 'ED' Joints.
- ⑤ 4e1 or 4e6. See Sheets 3 and 4.
- ⑥ Slope of 1.5% or as specified in the contract documents.




		REVISION	
		7	10-21-25
FIGURE 6010.545	STANDARD ROAD PLAN	<b>SW-545</b> SHEET 2 of 4	
REVISIONS: Updated Sudas and IDOT Logos.			
 SUDAS DIRECTOR		 DESIGN METHODS ENGINEER	
<b>SINGLE OPEN-THROAT CURB INTAKE WITH EXTENDED OPENING</b>			



REINFORCING BAR LIST (O) = 18'-0"						
MARK	SIZE	LOCATION	NO.	LENGTH	WEIGHT	SPACIN
4e1	4	Top/Base	15	9'-5½"	94.8	12"
4e2	4	Top	1	16'-0"	10.7	
4e3	4	Top	2	18'-9"	25	15½"
4e4	4	Top	2	18'-9"	25	6"
4e5	4	Base	2	14'-2"	18.9	22"
4I*	4	Insert	1	21'-10"	14.6	
* With 22'-6" Boxout.				Total	189.0 lbs.	

Use when adjacent pavement is HMA or composite.

② Other lengths of opening may be constructed by varying the length of the extension and the rebar.

		REVISION	
		7	10-21-25
FIGURE 6010.545	IOWA IDOT	SW-545	
		SHEET 3 of 4	
REVISIONS: Updated Sudas and IDOT Logos.			
			
SUDAS DIRECTOR		DESIGN METHODS ENGINEER	
SINGLE OPEN-THROAT CURB INTAKE WITH EXTENDED OPENING			

