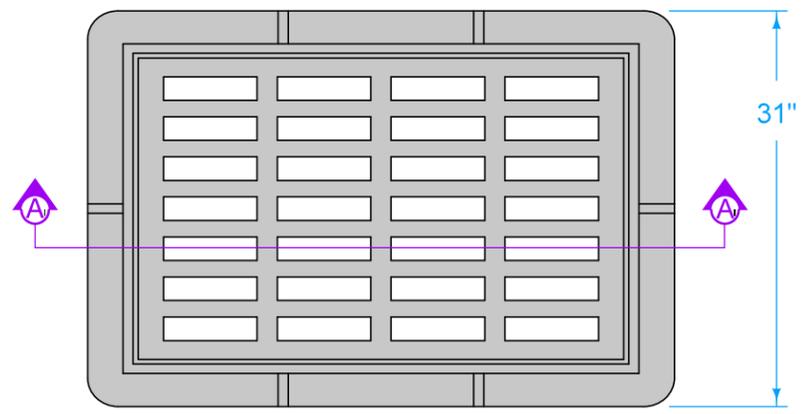
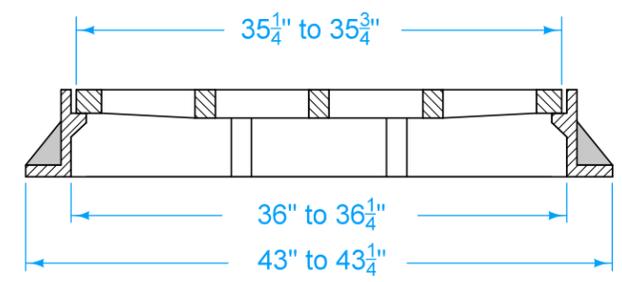


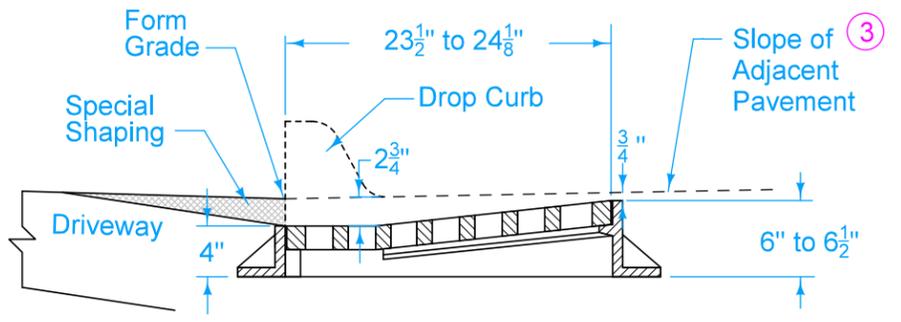
TYPE Q ^①
 Driveway Gate
 (Minimum open area 370 in²)



PLAN

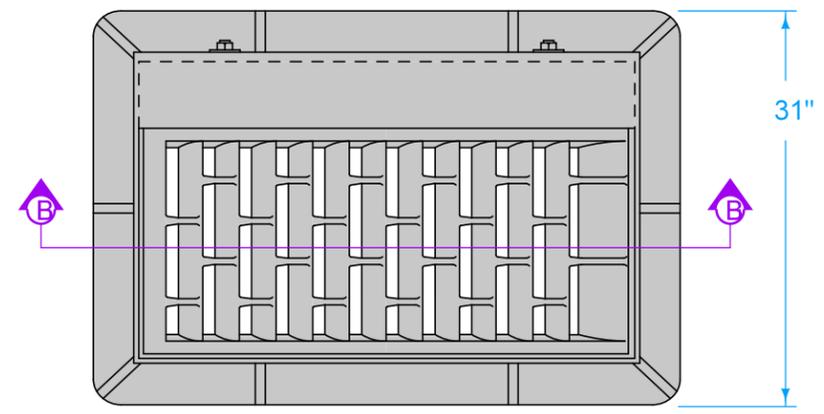


SECTION A-A

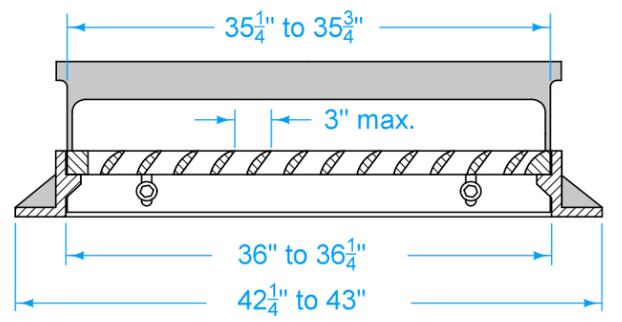


TYPICAL SECTION

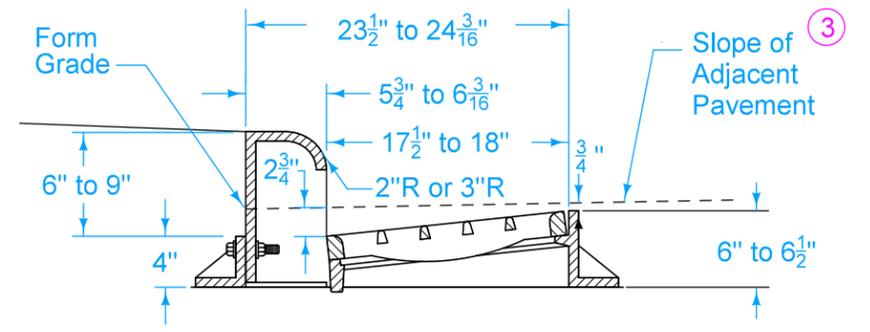
TYPE R ^②
 Curb Inlet Gate
 (Minimum open area 180 in²)



PLAN



SECTION B-B



TYPICAL SECTION

- ① For use at curb drops for driveways. Use only when specified in the contract documents.
- ② Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed.
- ③ For details of boxout pavement, refer to SW-514.

FIGURE 6010.603 SHEET 1 OF 2

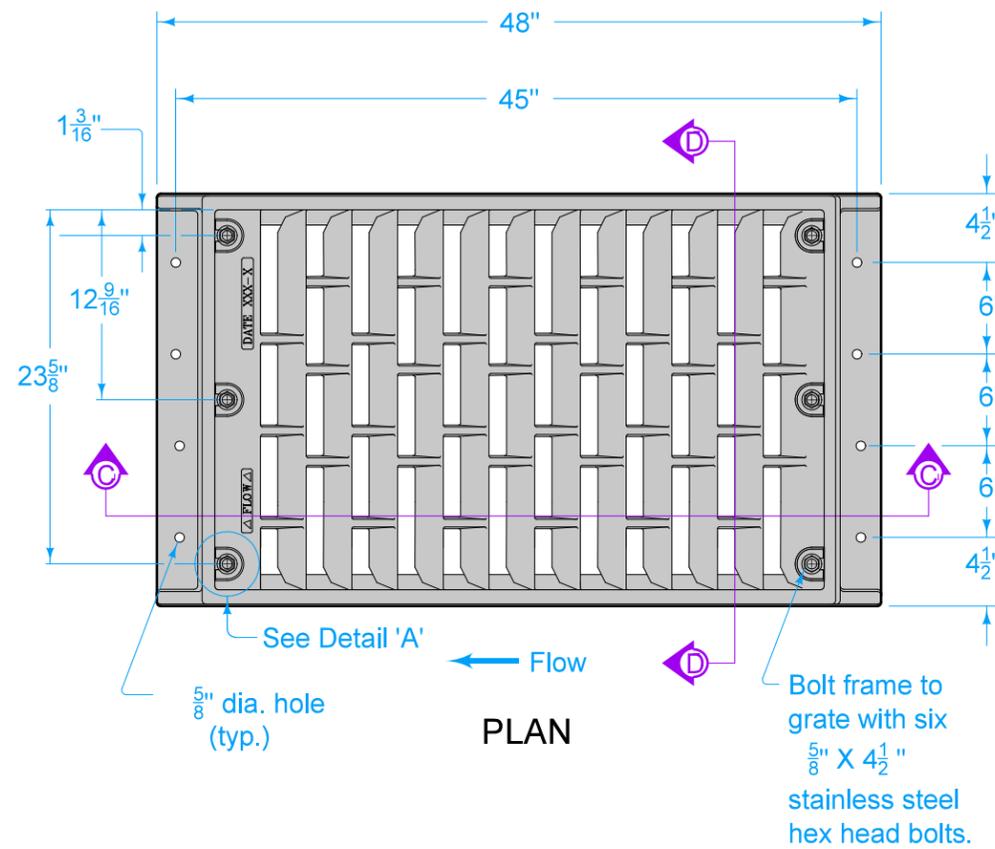
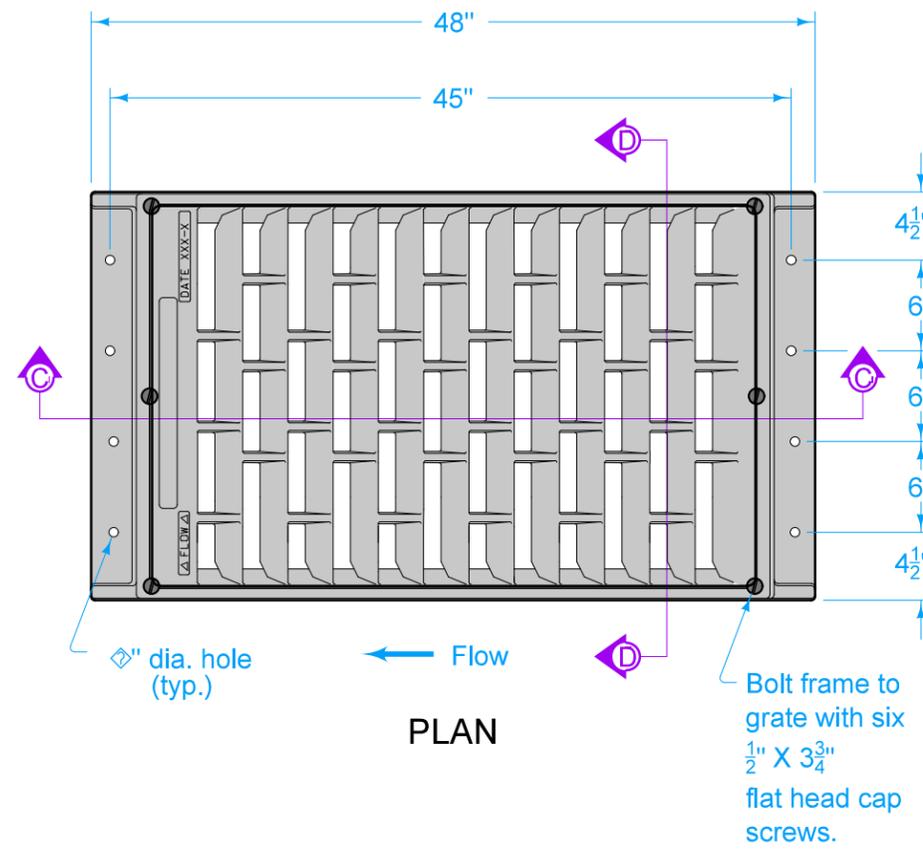
		REVISION	
		7	10-21-25
FIGURE 6010.603	STANDARD ROAD PLAN	SW-603	
		SHEET 1 of 2	

REVISIONS: Updated Sudas and IDOT Logos.

SUDAS DIRECTOR DESIGN METHODS ENGINEER

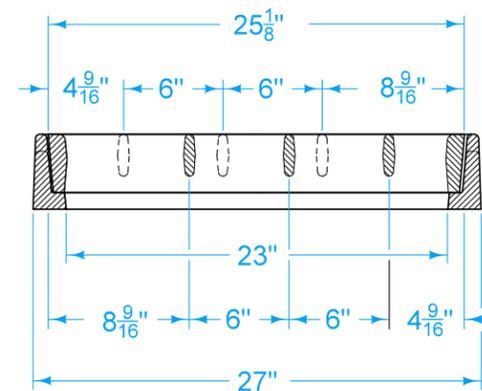
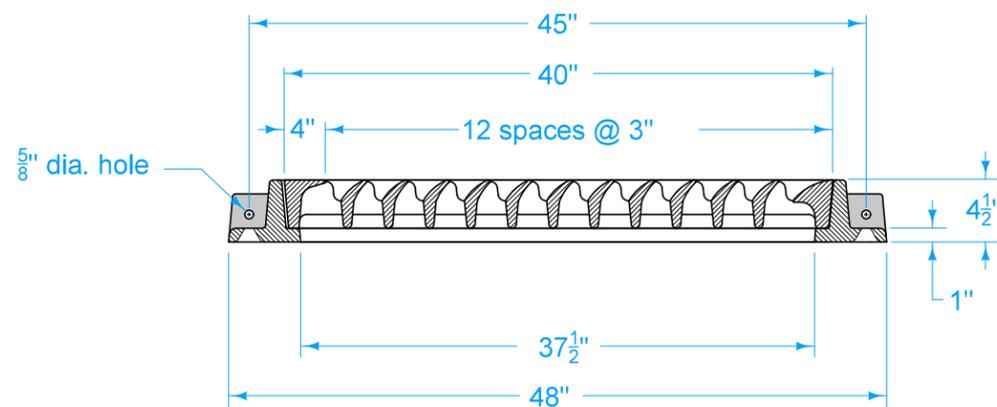
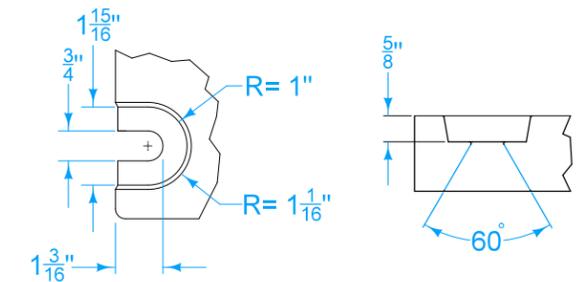
CASTINGS FOR GRATE INTAKES

TYPE S (2) (4)
 Barrier Intake Grate
 (Minimum open area 300 in²)



- (2) Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed. The Contractor has the choice of which Type S Grate to use.
- (4) Use ductile iron frame castings meeting the requirements of ASTM A 536.

Frame minimum weight = 220 lbs.
 Grate minimum weight = 340 lbs.



SECTION C-C

SECTION D-D

FIGURE 6010.603 SHEET 2 OF 2

		REVISION	
		7	10-21-25
FIGURE 6010.603	STANDARD ROAD PLAN	SW-603	
		SHEET 2 of 2	

REVISIONS: Updated Sudas and IDOT Logos.

J. P. C.
 SUDAS DIRECTOR

Stuart Miller
 DESIGN METHODS ENGINEER

CASTINGS FOR GRATE INTAKES