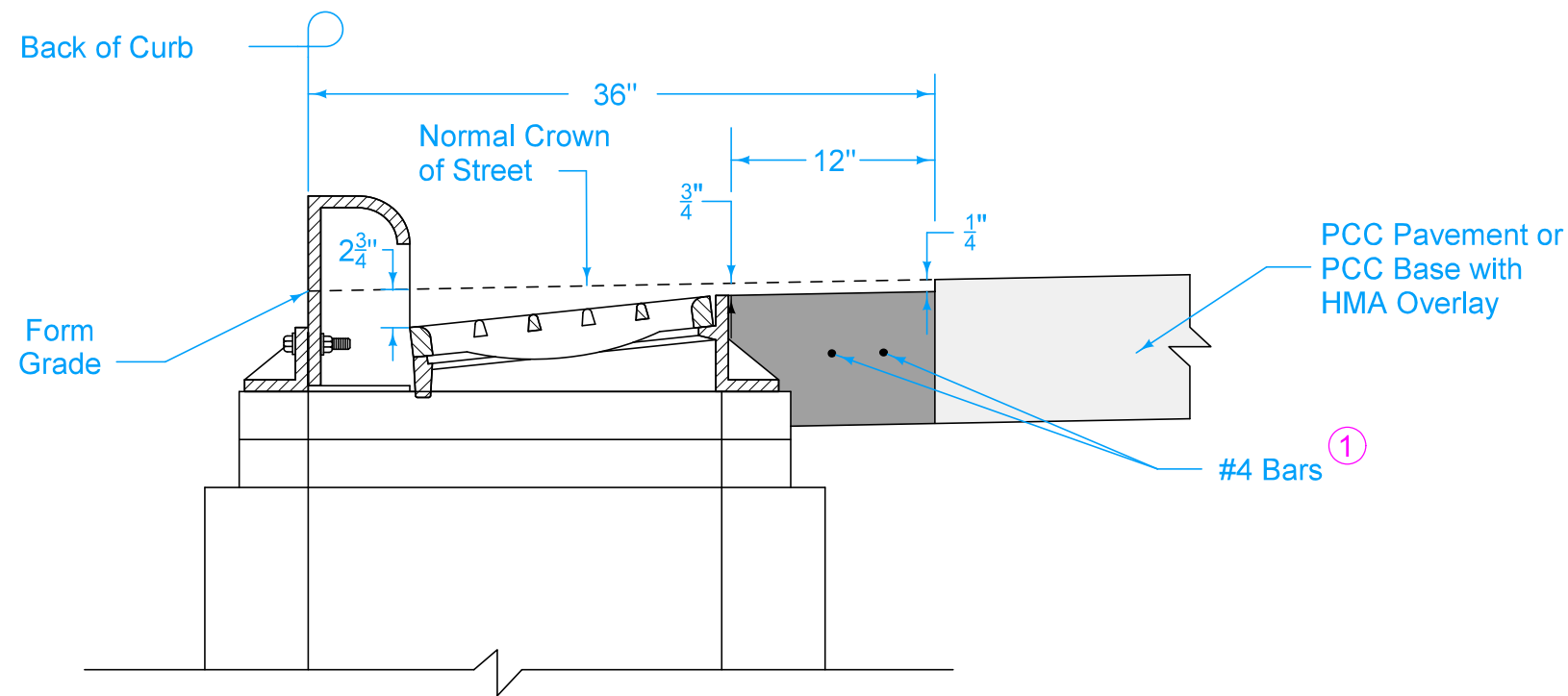


BOXOUT IN PCC PAVEMENT AND PCC BASE WITH HMA OVERLAY



SECTION A-A

Transverse joint spacing on new concrete pavement is controlled by the intake boxout. Adjust adjacent joint spacing as required to accommodate boxouts.

For retrofit intakes, match existing concrete pavement joints. Stop any transverse pavement joints that do not conform to the minimum spacing requirements at the edge of the boxout.

① Center bars vertically within slab.

FIGURE 6010.514 SHEET 1 OF 3

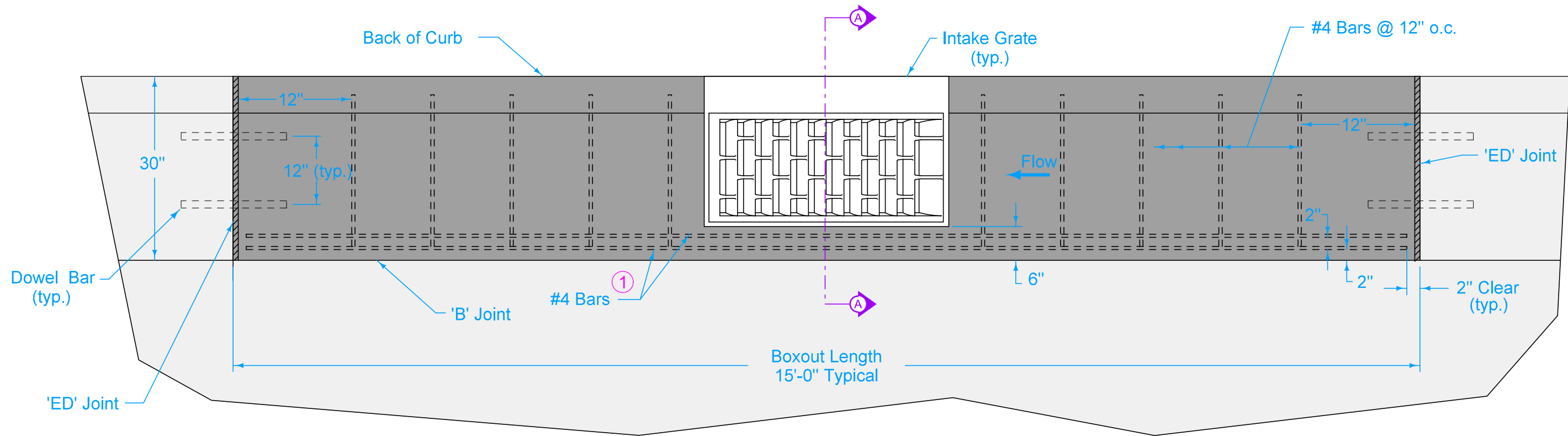
SUDAS	IOWA DOT	REVISION	
		1	04-17-18
FIGURE 6010.514	STANDARD ROAD PLAN	SW-514	
		SHEET 1 of 3	

REVISIONS: Added dimension to back of grate. Updated line work and Iowa DOT and SUDAS logo.

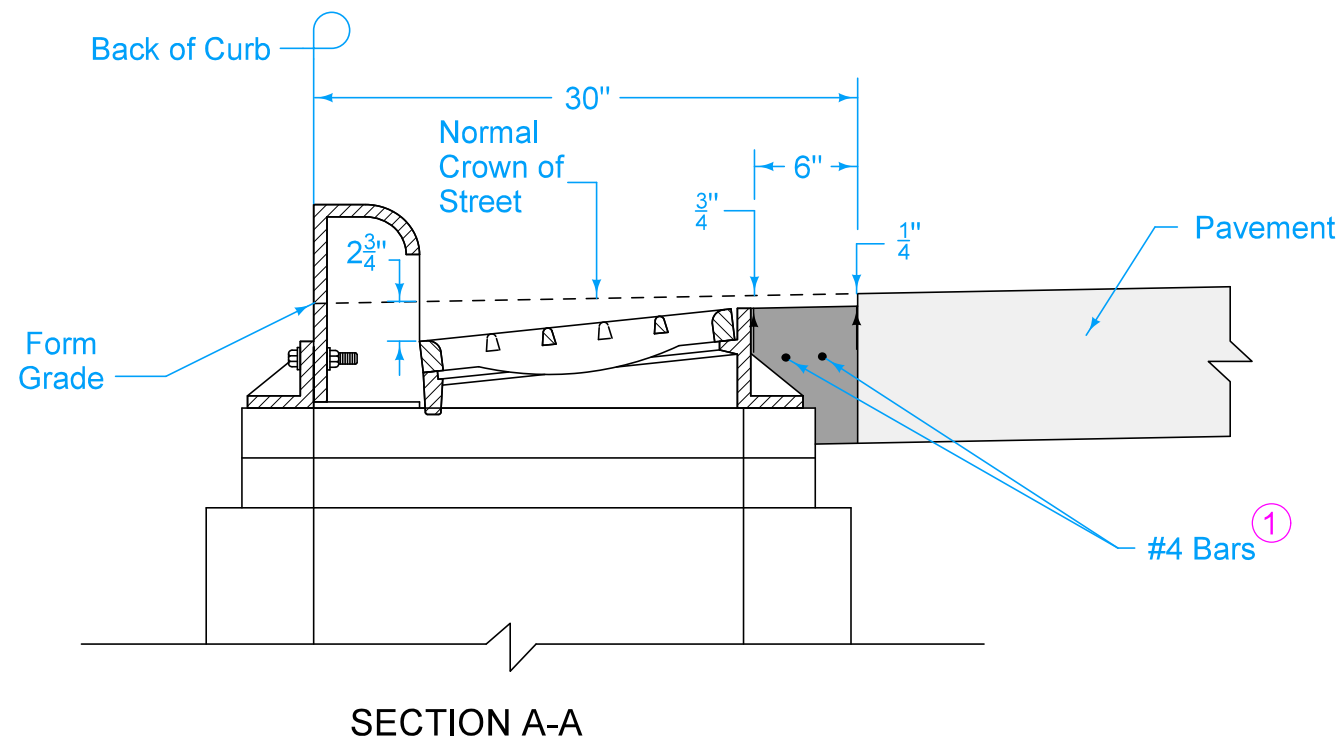
Paul D. Wrigand
 SUDAS DIRECTOR

Stuart Miller
 DESIGN METHODS ENGINEER

**BOXOUT FOR
GRATE INTAKES**



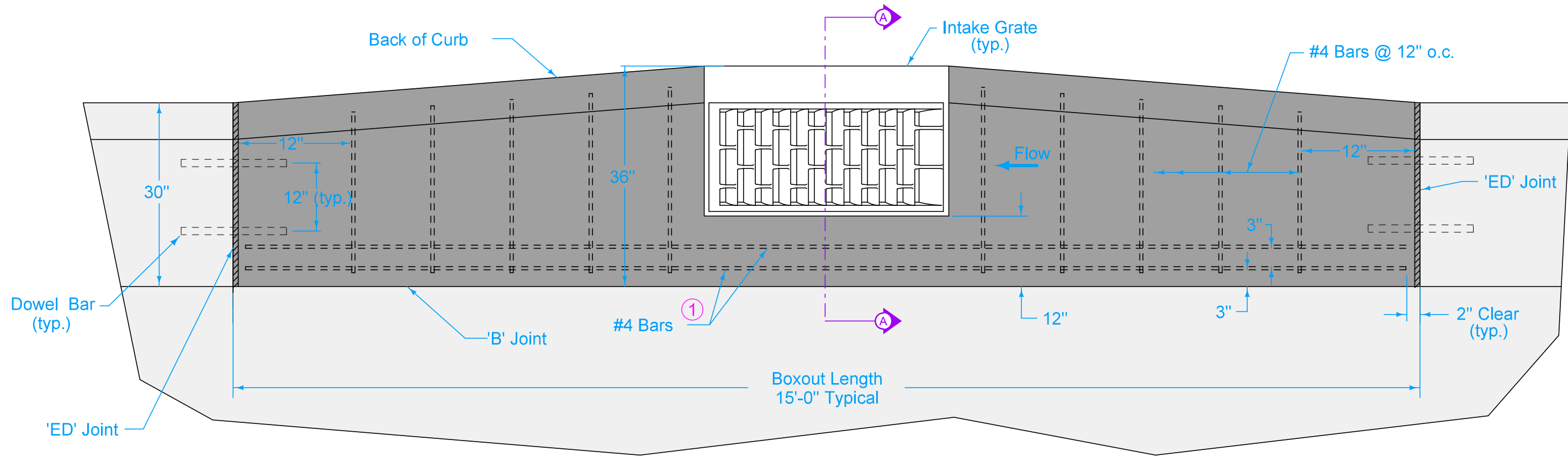
BOXOUT IN PCC CURB AND GUTTER



(1) Center bars vertically within slab.

FIGURE 6010.514 SHEET 2 OF 3

SUDAS IOWA DOT	REVISION 1 04-17-18
	SW-514 SHEET 2 of 3
FIGURE 6010.514 STANDARD ROAD PLAN	REVISIONS: Added dimension to back of grate. Updated line work and Iowa DOT and SUDAS logo.
<i>Paul D. Wrigand</i> SUDAS DIRECTOR	<i>Stuart Miller</i> DESIGN METHODS ENGINEER
BOXOUT FOR GRATE INTAKES	

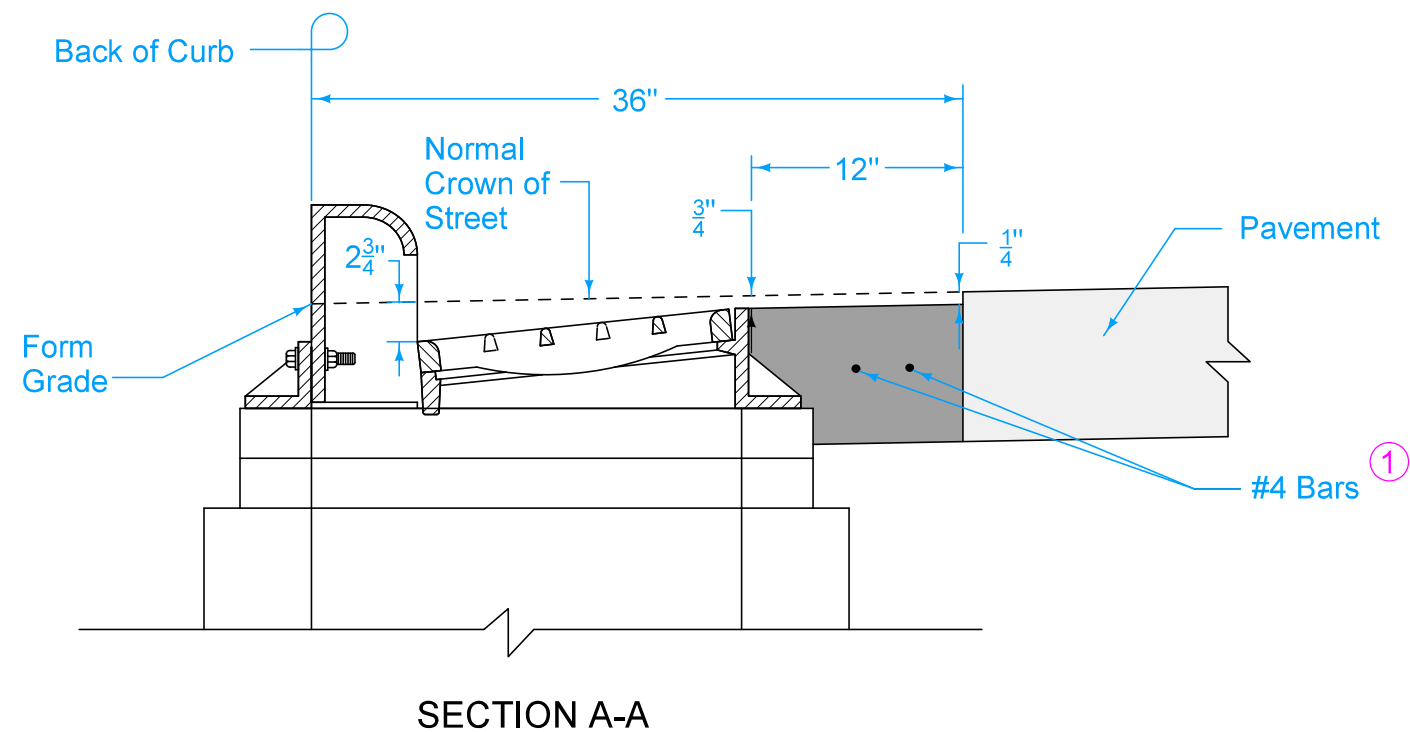


ALTERNATE BOXOUT IN PCC CURB AND GUTTER

Transverse joint spacing on new concrete pavement is controlled by the intake boxout. Adjacent joint spacing may need to be field adjusted to fit boxouts.

For retrofit intakes, match existing concrete pavement joints. Stop any transverse pavement joints that do not conform to the minimum spacing requirements at the edge of the boxout.

① Center bars vertically within slab.



SECTION A-A

FIGURE 6010.514 SHEET 3 OF 3

SUDAS	IOWA DOT	REVISION	
		1	04-17-18
FIGURE 6010.514	STANDARD ROAD PLAN	SW-514	
		SHEET 3 of 3	
REVISIONS: Added dimension to back of grate. Updated line work and Iowa DOT and SUDAS logo.			
Paul D. Wrigand SUDAS DIRECTOR		Stuart Miller DESIGN METHODS ENGINEER	

**BOXOUT FOR
GRATE INTAKES**