

NOTES:

- ① CROSS GUTTER AND SPANDREL FOR USE WITH TYPES "A-6" AND "A-8" CURB.
- ② SPANDREL THICKNESS TO BE 8" MINIMUM.
- ③ CROSS GUTTER THICKNESS TO BE 8" MINIMUM.
- ④ CONCRETE MINIMUM CEMENTITIOUS MATERIAL CONTENT = 590 LB / CU YD.
- ⑤ PLACE MIN 6" AB UNDER ENTIRE SPANDREL AND CROSS GUTTER AREA.
- ⑥ WEAKENED PLANE JOINTS TO BE CONSTRUCTED AT 1/3 POINTS ON 25' RADIUS SPANDRELS, AND AT 1/4 POINTS ON 35' RADIUS SPANDRELS.
- ⑦ CONSTRUCT WEAKENED PLANE JOINT(S) PER STANDARD No. 205 AT MIDPOINT OF CROSS GUTTERS LESS THAN 40' LONG, OR AT 1/3 POINTS OF CROSS GUTTERS OF 40' OR LONGER.
- ⑧ THIS PORTION OF SPANDREL AND CROSS GUTTER SHALL BE CONSTRUCTED WITH 12 INCH THICK, CONCRETE WITH MINIMUM CEMENTITIOUS MATERIAL CONTENT = 590 LB / CU YD.
- ⑨ CONSTRUCT EXPANSION JOINT PER STANDARD No. 205.
- ⑩ CONSTRUCT WEAKENED PLANE JOINT PER STANDARD No. 205.
- ⑪ CONSTRUCT CROSS GUTTER PER TYPICAL SECTION ON SHEET 2.
- ⑫ WHEN ABUTTING SOIL HAS A HIGH SULFATE CONTENT, SPECIAL CONSIDERATIONS ARE REQUIRED. SEE SPECIFICATIONS SECTION 16.04 OF THIS ORDINANCE.

NOTE:
FOR PUBLIC WORKS PROJECTS,
THE SIDEWALK AND CURB FROM BCR
TO ECR SHALL BE INCLUDED IN THE
CONTRACT UNIT PRICE FOR "CURB RAMP".

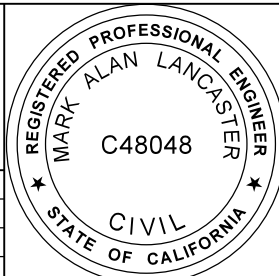
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PREPARED UNDER THE SUPERVISION OF:

Mark Lancaster

DIRECTOR OF TRANSPORTATION
MARK LANCASTER, P.E.

11/30/22
DATE

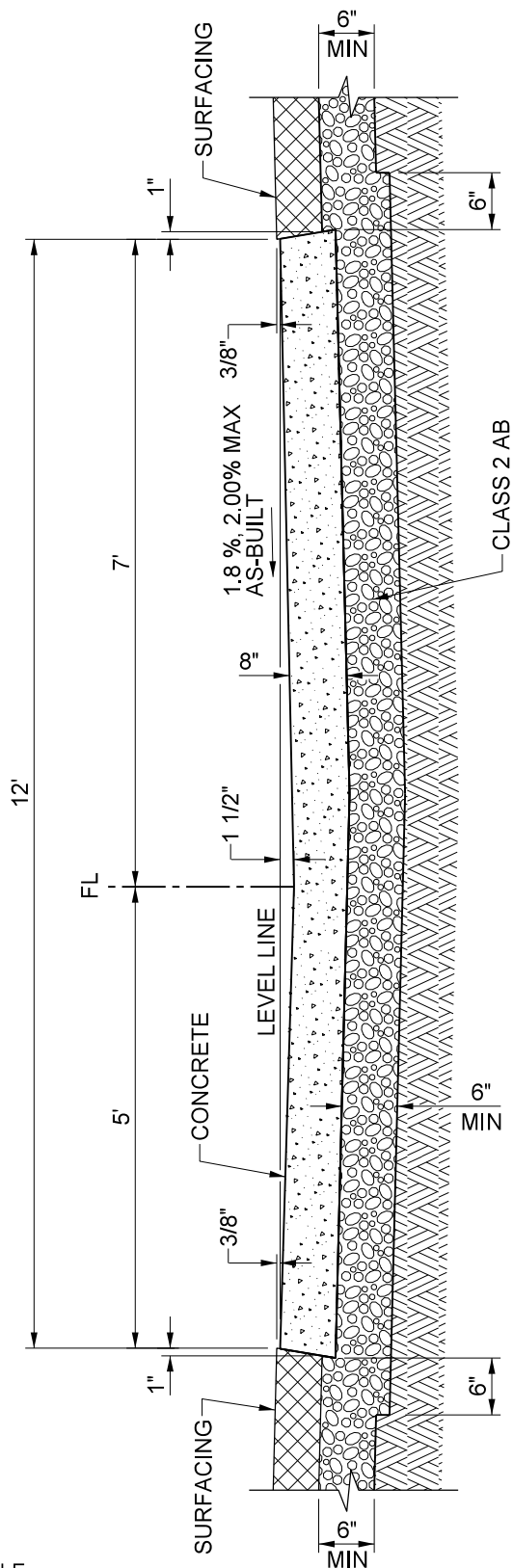


COUNTY OF RIVERSIDE

**CROSS GUTTER
AND SPANDREL
(LAYOUT)**

STANDARD No. 209 (1 OF 2)

REVISION	DESCRIPTION	MARK	DATE	APPROVED



CROSS GUTTER

NOTES:

1. WHEN ABUTTING SOIL HAS A HIGH SULFATE CONTENT, USE A MODIFIED CONCRETE MIX AND PLACE 6" MIN CLASS 2 AGGREGATE BASE AND 6 MIL PLASTIC SHEETING UNDER AND AROUND ALL SIDES OF CONCRETE IMPROVEMENTS. FOR EXPANSIVE SOIL, PLACE 6" MIN CLASS 2 AGGREGATE BASE UNDER CONCRETE IMPROVEMENTS AS DIRECTED BY THE ENGINEER. SEE SPECIFICATIONS SECTIONS 16.03 & 16.04 AND STANDARD No. 401 FOR REFERENCE.
2. RELATIVE COMPACTION OF SUBGRADE UNDER CROSS GUTTER AND SPANDREL SHALL BE 95% MINIMUM.
3. FOR PUBLIC WORKS PROJECTS, THE AB AND ALL REQUIRED MATERIAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE.
4. CONCRETE FOR CROSS GUTTER AND SPANDREL SHALL HAVE MINIMUM CEMENTITIOUS MATERIAL CONTENT = 590 LB / CU YD.

NOT TO SCALE

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MARK LANCASTER, P.E.



COUNTY OF RIVERSIDE

**CROSS GUTTER
AND SPANDREL
(TYPICAL SECTION)**

STANDARD No. 209 (2 OF 2)

REVISION	DESCRIPTION	MARK	DATE	APPROVED