



W P J = WEAKENED PLANE JOINT
 EXP JT = EXPANSION JOINT
 BCR = BEGINNING OF CURB RETURN
 ECR = END OF CURB RETURN

NOTES:

1. WEAKENED PLANE JOINTS SHALL BE USED FOR ALL JOINTS, EXCEPT EXPANSION JOINTS SHALL BE PLACED IN CURB, GUTTER AND SIDEWALK AT THE BCR AND ECR, AND AROUND UTILITY POLES LOCATED IN SIDEWALK AREAS.
2. CURB AND GUTTER SHALL BE CONSTRUCTED SEPARATELY FROM SIDEWALK.
3. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT REGULAR INTERVALS, NOT EXCEEDING 10 FEET IN WALKS OR 20 FEET IN GUTTERS. WALK AND CURB JOINTS SHALL BE ALIGNED.

AMERICAN PUBLIC WORKS ASSOCIATION - SOUTHERN CALIFORNIA CHAPTER

PROMULGATED BY THE APWA-AGC
 JOINT COOPERATIVE COMMITTEE
 1984

CURB SIDEWALK JOINTS

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

112-0

SHEET 1 OF 1

SEE EMA STANDARD PLAN 112-0-00 FOR CONDITIONS

The following Standard Plans for Public Works Construction, 1994 Edition, of the American Public Works Association (Southern California Chapter) and Associated General Contractors of California (Southern California Districts) have been adopted by EMA with conditions which shall apply to EMA use. The conditions are listed below.

<u>APWA #</u>	<u>EMA #</u>	<u>Name and Conditions</u>
112-0	112-0-0C	<u>Curb and Sidewalk Joints</u>

1. Weakened plane joints (WPJ) shall be constructed in curb and gutters not to exceed 10 feet.
2. Weakened plane joints shall be a depth of $\frac{1}{4}$ to $\frac{1}{3}$ of the concrete thickness.
3. Expansion joint (Exp JT) shall be full depth.
4. a. Sidewalk:
WPJ shall be quickjoints and finished with a butterfly tool (R=1/8")
- b. Formed Curb and Gutter:
Exp. joints shall be $\frac{1}{4}$ " thick premolded filler (asphalt saturated fiber) in the top of curb, face of curb and across the gutter.
- c. Extruded Curb and Gutter:
Exp. joints shall be cut (hand tolled) in the top of curb, face of curb, and across the gutter or sawcut (within 24 hours).
- d. Gutter Transition:
Exp. joints shall be $\frac{1}{4}$ " thick premolded filler.
5. No WPJ or monolithic concrete placement shall be allowed between driveways and sidewalk, sidewalk and driveway approach, dwy approach and curb, or curb and sidewalk.
6. Meter boxes and vaults shall have WPJ similar to tree well detail.
7. Replaces former EMA S.P. 213 (Control Joints).

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

Approved 
W.L. Zorn, Director of Public Works

Adopted: Res. 91-1481 Revised: Res. 96-546

STD. PLAN

112-0-0C

APWA STANDARD PLANS - CURB & SIDEWALK JOINTS

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