Install weakened plane joints at the BC and EC of all curb returns, at each end, and the center if W=20' or more, of all driveways.

**WEAKENED PLANE JOINTS AND SCORE LINES IN SIDEWALK**

**NOTES**

1. Weakened plane joints shall be every 10 feet and shall extend through sidewalk and curb–gutter. Width shall be \( \frac{1}{8} \)" and depth shall be 1".

2. Tool score lines \( \frac{1}{4} \)" deep shall be every 5 feet extending through sidewalk only, except when adjacent to an existing driveway or sidewalk, in which case they shall correspond to the existing lines. Longitudinal score lines will be required in sidewalk 9 feet or more in width.

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**CONSTRUCTION JOINT**

(New Construction)

**NOTES**

1. Concrete on both sides of construction joints shall be keyed together with tie bars as shown. At the end of sidewalk construction, the engineer may require a key as shown in lieu of tie bars.

2. Construction joints shall be required in curb–gutter, sidewalk, driveway, and valley gutter work wherever new concrete is to be extended in the future.

Not to Scale
CONSTRUCTION JOINT
EXISTING TO NEW

Existing Sidewalk

#4 Rebar at 18”, Doweled and Epoxied in Existing Sidewalk

New Sidewalk

4” 6”

DOWELED CONNECTION

Existing Sidewalk

R_2”

New Sidewalk

R_2”

6” 6”

SPECIAL JOINT

(Optional at Engineer’s discretion)

Not to Scale
REPLACEMENT OF ONE SQUARE

REPLACEMENT OF TWO OR MORE SQUARES

1/2" x10" Reinf. Steel Bar grouted into 4" deep hole drilled into existing sidewalk.

LOCATION FOR REPLACEMENT SIDEWALK

DOWEL LOCATIONS FOR NEW SIDEWALK
ADJACENT TO EXISTING CURB

#4 Rebar at 5' OC dowelled & epoxied into curb.

SECTION A–A

Not to Scale