

Diagram illustrating the removal and replacement of a curb and gutter section. The diagram shows a cross-section of the curb and gutter area, with dimensions and labels indicating the required work.

Labels and Dimensions:

- SAW CURB & GUTTER IF MORE THAN 3 FT. TO NEAREST JOINT** (Point A)
- BACK OF CURB**
- 10' MAX.** (Length of the curb section to be removed)
- 1" PER FT. MAX. SLOPE** (Slope of the curb)
- 1/2" EXPANSION JOINT** (Joint between the curb and the gutter)
- W** (Width of the gutter)
- 24"** (Width of the curb)
- 12" MIN. 18" MAX.** (Width of the gutter)
- REMOVE AND REPLACE CURB & GUTTER TO NEAREST JOINT IF LESS THAN 3 FT.** (Point B)

Notes:

- $W = 4'0"$ FOR STANDARD RAMP
- $W = 5'0"$ FOR RAMPS AT SCHOOL CROSSEWALKS (OR TO MATCH EXISTING)

SECTION B-B

Diagram illustrating the cross-section of a curb and pavement structure, showing dimensions and construction details:

- SAW CURB & PAVEMENT IF MORE THAN 3 FT. TO NEAREST JOINT:** Indicated by a dashed line and arrow pointing to the left side of the curb.
- 12" MIN. 18" MAX.:** Dimension for the width of the curb base on the left side.
- BACK OF CURB:** Label pointing to the vertical face of the curb.
- 1 1/2" EXPANSION JOINT:** Dimension for the joint between the curb and the pavement.
- 10" MAX.:** Dimension for the width of the curb top.
- 1" PER FT. MAX. SLOPE:** Dimension for the slope of the curb face.
- 24" MIN.:** Dimension for the width of the curb base on the right side.
- W:** Dimension for the width of the pavement.
- REMOVE & REPLACE CURB & PAVEMENT SECTION:** Label pointing to the section of the curb and pavement to be replaced.
- REMOVE AND REPLACE CURB & PAVEMENT TO NEAREST JOINT IF LESS THAN 3 FT.:** Label pointing to the section of the curb and pavement to be replaced.
- A:** Arrow pointing right, indicating the direction of traffic flow.
- B:** Arrow pointing left, indicating the direction of traffic flow.

SECTION B-B

Diagram illustrating the construction details for a curb and gutter section, showing two scenarios based on the distance to the nearest joint.

Scenario 1: Remove & Replace Curb & Gutter to Nearest Joint if Less Than 3 FT.

- W=4'0" FOR STANDARD RAMP
- W=5'0" FOR RAMP'S AT SCHOOL CROSSTRAWS
- REMOVE & REPLACE SIDEWALK TO NEAREST EXISTING JOINT WHERE NECESSARY
- BACK OF CURB
- 1" PER FT. MAX. SLOPE
- 4" WIDE CURBSIDE WHEN REQ'D.
- 6'
- 1/2" PER FT. MAX. SLOPE
- WALK WIDTH 6 FT. MAX.
- 24"
- 6'

Scenario 2: Saw Curb & Gutter if More Than 3 FT. to Nearest Joint.

- REMOVE & REPLACE CURB & GUTTER SECTION

SECTION B-B

[illegible]

SECTION B-B

Diagram illustrating a crosswalk layout. The crosswalk is shown as a shaded area with a width of 5.0' for a standard ramp. The angle of the crosswalk is 24°. The width of the crosswalk is 2.4'.

DOME DETAIL

SECTION B-B

Diagram illustrating the cross-section of a curb and gutter assembly, showing dimensions and construction details:

- REMOVE & REPLACE CURB & PAVEMENT TO NEAREST JOINT IF LESS THAN 3 FT.** (Top left note)
- TRANSITION FROM FULL HEIGHT CURB TO 3/4" UP CURB** (Left side note)
- SAW PAVEMENT** (Left side note)
- 3/4" UP CURB** (Left side dimension)
- REMOVE & REPLACE CURB & PAVEMENT SECTION** (Bottom left note)
- SAW CURB & PAVEMENT IF MORE THAN 3 FT. TO NEAREST JOINT** (Bottom left note)
- BACK OF CURB** (Top center dimension)
- 1" PER FT. MAX. SLOPE** (Top right dimension)
- 6" PER FT. MAX. SLOPE** (Right side dimension)
- 6" CURBING WHEN REQ'D.** (Right side dimension)
- 1" PER FT. MAX. SLOPE** (Bottom right dimension)
- REMOVE & REPLACE SIDEWALK TO NEAREST JOINT WHERE NECESSARY** (Far right note)
- Dimensions:** 24", 6", 3", 6", 6"
- Materials:** 1" CR. CONC. (Concrete), 1" CR. CONC. (Concrete), 1" CR. CONC. (Concrete)

SECTION B-E

Diagram illustrating the removal and replacement of a curb and gutter section, showing various construction details and dimensions:

- BACK OF CURB**: Indicated by a dashed line.
- REMOVE & REPLACE CURB & GUTTER TO NEAREST JOINT IF LESS THAN 3' FT.**: Instruction for removal and replacement.
- 12" MINIMUM 18" MAXIMUM**: Dimension for the curb and gutter section.
- 1/2" EXPANSION JOINT**: Dimension for the expansion joint.
- 1" PER FT. MAX SLOPE**: Slope requirement.
- 5" to 8"**: Dimension for the curb and gutter section.
- 24"**: Dimension for the curb and gutter section.
- 1/2" PER FT. MAX SLOPE**: Slope requirement.
- REMOVE & REPLACE WALK TO NEAREST EXISTING JOINT IF REQUIRED**: Instruction for removal and replacement.
- UP CURB**: Label for the curb section.
- CONSTRUCTION JOINT WITH KEYWAY**: Label for the construction joint.
- 1"**: Dimension for the curb and gutter section.
- 1'6"**: Dimension for the curb and gutter section.
- 2'**: Dimension for the curb and gutter section.
- 1'**: Dimension for the curb and gutter section.
- t+3/4" (6" min)**: Dimension for the curb and gutter section.
- REMOVE & REPLACE CURB & GUTTER SECTION**: Instruction for removal and replacement.
- 3"**: Dimension for the curb and gutter section.
- REMOVE & REPLACE SAW CURB & GUTTER IF MORE THAN 3' FT. TO NEAREST JOINT**: Instruction for removal and replacement.
- 1"**: Dimension for the curb and gutter section.
- 1'6"**: Dimension for the curb and gutter section.
- 2'**: Dimension for the curb and gutter section.
- 1'**: Dimension for the curb and gutter section.
- t+3/4" (6" min)**: Dimension for the curb and gutter section.
- REMOVE & REPLACE CURB & GUTTER SECTION**: Instruction for removal and replacement.
- 3"**: Dimension for the curb and gutter section.
- REMOVE & REPLACE SAW CURB & GUTTER IF MORE THAN 3' FT. TO NEAREST JOINT**: Instruction for removal and replacement.

SECTION A-A

SECTION B-E

TYPICAL SECTION DETECTABLE WARNING PAVER

NOTE: RAMPS TO COMPLY WITH LATEST ADAAG GUIDELINES.
PAVESTONE DETECTABLE WARNING PAVERS (OR AN APPROVED EQUAL) SHALL
BE USED IN ALL WHEELCHAIR RAMPS. THE RED PAVER SHALL BE INSTALLED USING
A BASKET WEAVE/PARQUET PATTERN. OTHER PATTERNS MAY BE USED WITH APPROVAL OF
ENGINEER. SAND FILL JOINTS. ALIGN DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL.



CITY ENGINEER			
JAMES L. ARMOUR, P.E.			
PROJECT NUMBER	OCA NUMBER		DATE
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