

Diagram illustrating the removal and replacement criteria for a curb and gutter section. The diagram shows a cross-section of a curb and gutter with a width of 12" MIN to 18" MAX. The curb is labeled "BACK OF CURB". The gutter is labeled "10' MAX." and "1" PER FT. MAX. SLOPE". The gutter is shown with a 1/2" expansion joint. The diagram also shows a 24" dimension for the gutter width. The criteria for removal and replacement are based on the width and slope of the gutter.

W = 4'0" for STANDARD RAMP
W = 5'0" for RAMPS AT SCHOOL CROSSWALKS
(OR TO MATCH EXISTING)

SAW CURB & GUTTER IF MORE THAN 3 FT. TO NEAREST JOINT

BACK OF CURB

1/2" EXPANSION JOINT

10' MAX.

1" PER FT. MAX. SLOPE

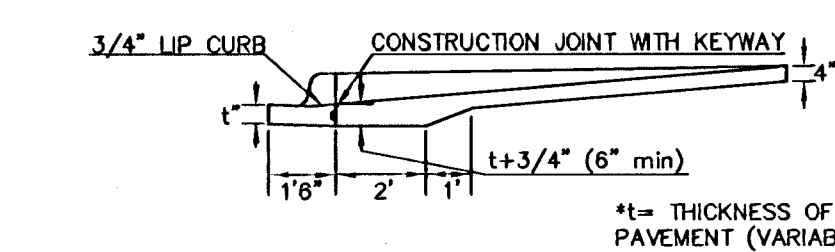
W

24"

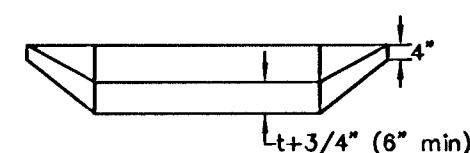
12" MIN
18" MAX

REMOVE & REPLACE CURB & GUTTER SECTION

REMOVE AND REPLACE CURB & GUTTER TO NEAREST JOINT IF LESS THAN 3 FT.



SECTION A-A



SECTION B-B

Diagram illustrating the cross-section of a standard ramp. The diagram shows a trapezoidal ramp structure with a 10" MAX. top width and a 24" bottom width. The slope is 1" PER FT. MAX. SLOPE. The ramp is supported by a 24" wide base. The top surface is labeled "BACK OF CURB" and the bottom surface is labeled "REMOVE AND REPLACE CURB & PAVEMENT TO NEAREST JOINT IF LESS THAN 3 FT.". The ramp is shown with a 1/2" EXPANSION JOINT. The diagram also indicates the location of the "SAW CURB & PAVEMENT IF MORE THAN 3 FT. TO NEAREST JOINT" and "SAW PAVEMENT". The ramp is shown with a 12" MIN. 18" MAX. height. The diagram is labeled with "A" and "B" at the ends.

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

SAW CURB & PAVEMENT
IF MORE THAN 3 FT.
TO NEAREST JOINT

12" MIN.
18" MAX.

BACK OF CURB

1/2" EXPANSION JOINT

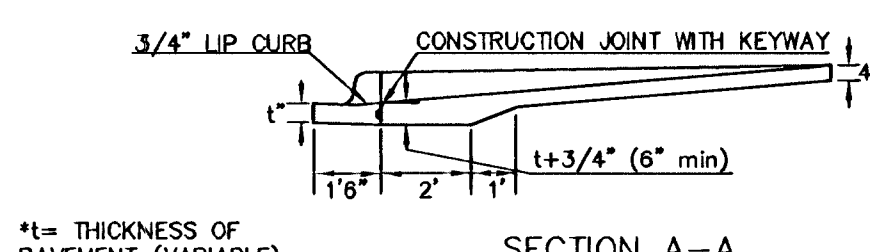
10" MAX.

1" PER FT.
MAX. SLOPE

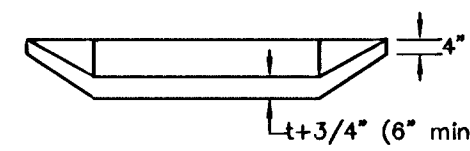
24"

REMOVE & REPLACE
CURB & PAVEMENT
SECTION

REMOVE AND REPLACE CURB & PAVEMENT
TO NEAREST JOINT IF LESS THAN 3 FT.



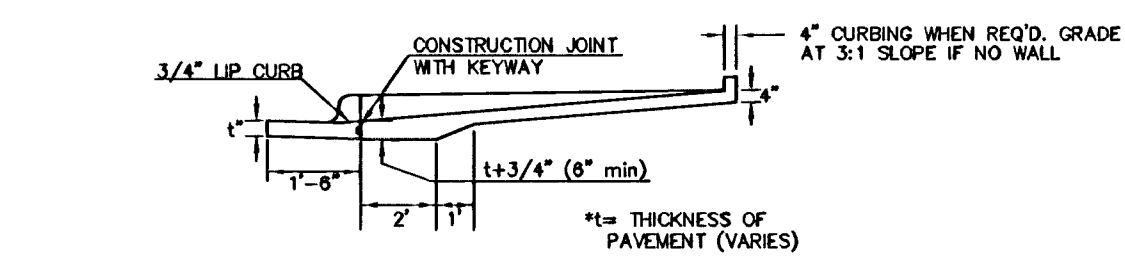
SECTION A-A



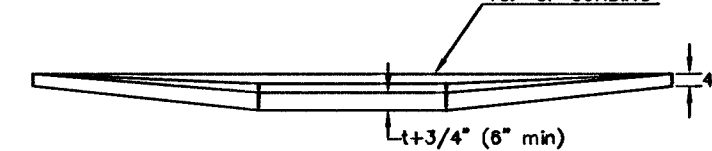
SECTION B-B

Diagram illustrating the standard curb and gutter section, showing dimensions and construction details:

- Top Section:**
 - W=4" for STANDARD RAMP
 - W=5" for RAMPS AT SCHOOL CROSSWALKS
- Back of Curb:** Indicated by a horizontal line.
- Remove & Replace Curb & Gutter to Nearest Joint if Less Than 3 Ft.** (Left side)
- Remove & Replace Sidewalk to Nearest Existing Joint Where Necessary** (Right side)
- Dimensions:**
 - 1" PER FT. MAX. SLOPE (Left side)
 - 1/2" PER FT. MAX. SLOPE (Right side)
 - 6' (Left side)
 - 6' (Right side)
 - W (Right side)
 - 24" (Bottom side)
- Labels:**
 - A (Left side)
 - B (Right side)
- Notes:**
 - SAW CURB & GUTTER IF MORE THAN 3 FT. TO NEAREST JOINT
 - WALK WIDTH 6 FT. MAX.
 - 4" WIDE CURBING WHEN REQ'D.



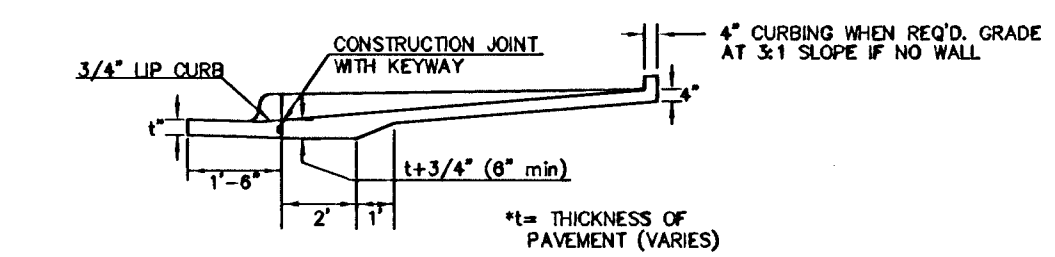
SECTION A-A



SECTION B-B

Diagram illustrating the cross-section of a standard curb and sidewalk, showing dimensions and construction notes:

- Top Dimensions:**
 - $W=4'0"$ FOR STANDARD RAMP
 - $W=5'0"$ FOR RAMPS AT SCHOOL CROSSWALKS
- Left Side Notes:**
 - REMOVE & REPLACE CURB & PAVEMENT TO NEAREST JOINT IF LESS THAN 3 FT.
 - SAW PAVEMENT
 - REMOVE & REPLACE CURB & PAVEMENT SECTION
 - SAW CURB & PAVEMENT IF MORE THAN 3 FT. TO NEAREST JOINT
- Right Side Notes:**
 - REMOVE & REPLACE SIDEWALK TO NEAREST EXISTING JOINT WHERE NECESSARY
 - 4" WIDE CURBING WHEN REQ'D.
- Dimensions and Slopes:**
 - BACK OF CURB
 - 1' PER FT. MAX. SLOPE
 - 1/2" PER FT. MAX. SLOPE
 - WALK WIDTH 8 FT. MAX.
 - 24"
 - 6'
 - W
 - 6'
- Labels:**
 - A (upward arrow)
 - B (downward arrow)



SECTION A-A

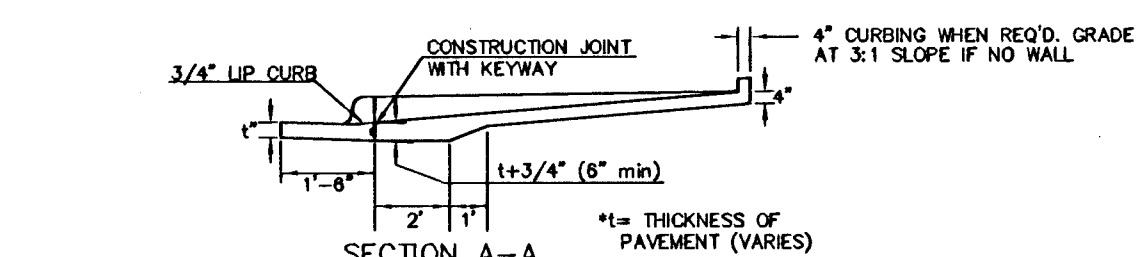


SECTION B-B

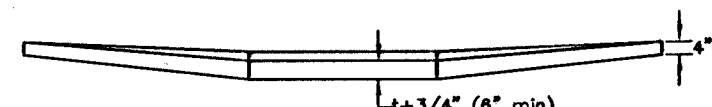
Diagram illustrating the construction details for a curb and gutter section, showing various dimensions and materials.

Labels and Dimensions:

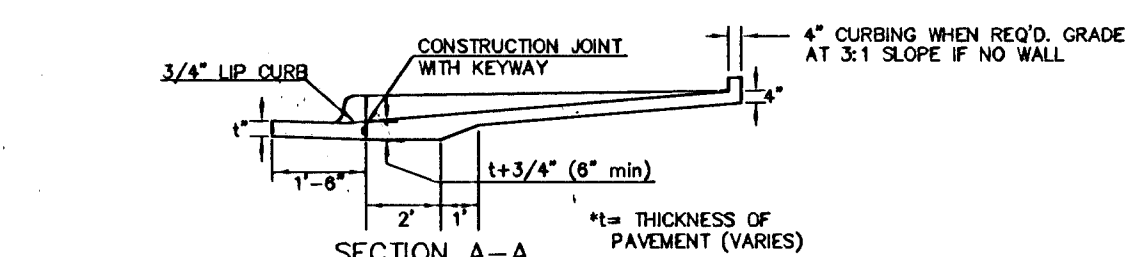
- BACK OF CURB RADIUS VARIES** (Top center)
- REMOVE & REPLACE CURB & CUTTER TO NEAREST JOINT IF LESS THAN 3 FT.** (Top left)
- TRANSITION FROM FULL HEIGHT CURB TO 3/4" LIP CURB** (Middle left)
- 3/4" LIP CURB** (Middle left)
- REMOVE & REPLACE CURB & CUTTER SECTION** (Bottom left)
- SAW CURB & CUTTER IF MORE THAN 3 FT. TO NEAREST JOINT** (Bottom left)
- 1" PER FT. MAX. SLOPE** (Vertical dimension on the left)
- 6" ±** (Horizontal dimension in the center)
- 1/2" PER FT. MAX. SLOPE** (Horizontal dimension in the center)
- 24"** (Horizontal dimension at the bottom)
- 1" PER FT. MAX. SLOPE** (Bottom right)
- 4" CURBSIDE WHEN REQ'D.** (Bottom right)
- REMOVE & REPLACE SIDEWALK TO NEAREST JOINT WHERE NECESSARY** (Middle right)
- NOTE: SEE DRAWING IN SPECIFICATION BOOK FOR ADDITIONAL DETAILS** (Top right)



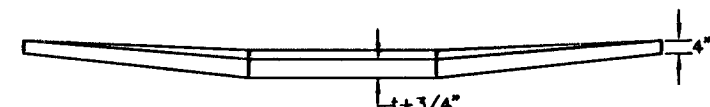
SECTION A-A



SECTION B-B



SECTION A-A



SECTION B-B

Diagram (TYPE DI) illustrates a cross-section of a curb and gutter for a 12% minimum to 18% maximum slope. The diagram includes the following labels and dimensions:

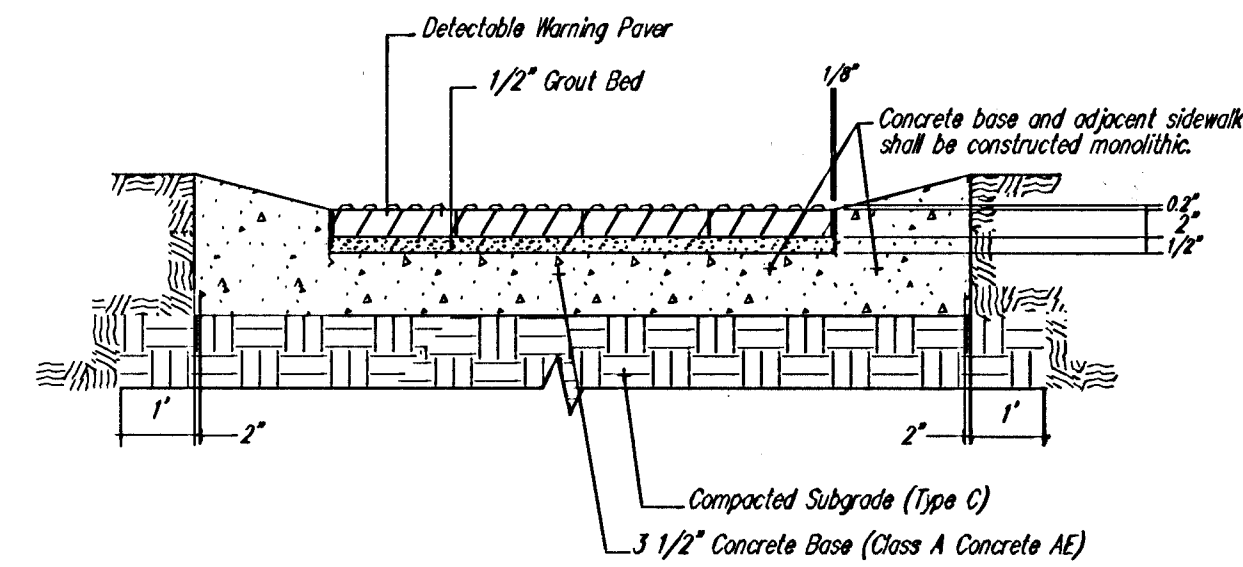
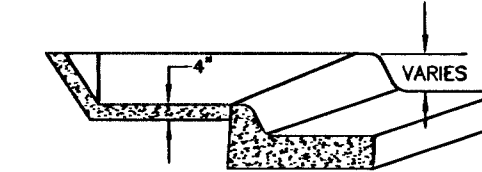
- BACK OF CURB**: Points to the top edge of the curb.
- REMOVE & REPLACE CURB & GUTTER TO NEAREST JOINT IF LESS THAN 3 FT.**: Instruction for replacement when the section is short.
- 12% MINIMUM 18% MAXIMUM**: Slope range for the gutter.
- 6" to 8"**: Width of the gutter.
- 24"**: Total width of the curb and gutter section.
- 1/4" PER FT. MAX. SLOPE**: Slope for the curb.
- 1" PER FT. MAX. SLOPE**: Slope for the gutter.
- 1/2" EXPANSION JOINT**: Joint between the curb and gutter.
- REMOVE & REPLACE WALK TO NEAREST EXISTING JOINT IF REQUIRED**: Instruction for replacement when the section is long.
- CONSTRUCTION JOINT WITH KEYWAY**: Joint between the curb and gutter.
- 4"**: Height of the curb.
- t+3/4" (6" min)**: Thickness of the curb.
- REMOVE & REPLACE CURB & GUTTER SECTION**: Instruction for replacement when the section is long.
- SAW CURB & GUTTER IF MORE THAN 3 FT. TO NEAREST JOINT**: Instruction for replacement when the section is long.

SECTION A-A

Diagram illustrating the cross-section of a curved sidewalk, showing construction details and removal/replacement zones. The diagram includes the following labels and dimensions:

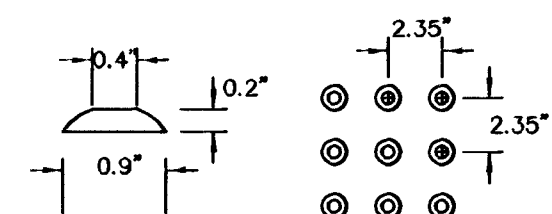
- BACK OF CURB**: Indicated by an arrow pointing to the outer edge of the curb.
- REMOVE & REPLACE CURB & PAVEMENT TO NEAREST JOINT IF LESS THAN 3 FT.**: A label pointing to the area between the curb and the first expansion joint.
- 1 1/2" MINIMUM TO MAXIMUM**: A dimension indicating the thickness of the curb.
- 1" PER FT. MAX. SLOPE**: A dimension indicating the maximum slope of the sidewalk.
- 1/2" EXPANSION JOINT**: A dimension indicating the width of the expansion joint.
- REMOVE & REPLACE WALK TO NEAREST EXISTING JOINT IF REQUIRED**: A label pointing to the area between the expansion joint and the next joint.
- SAW JOINT**: A label pointing to the joint between the curb and the sidewalk.
- REMOVE & REPLACE CURB & PAVEMENT SECTION**: A label pointing to the area between the curb and the next joint.
- SAW CURB & CUTTER IF MORE THAN 3 FT. TO NEAREST JOINT**: A label pointing to the area between the curb and the next joint.
- 24"**: A dimension indicating the width of the sidewalk.
- 6" to 8"**: A dimension indicating the width of the curb.
- 4" Min.**: A dimension indicating the minimum width of the expansion joint.
- SECTION**: A label at the top right of the diagram.
- A** and **B**: Reference points for the cross-section.

SECTION B-B



TYPICAL SECTION DETECTABLE WARNING PAVEMENT
SECTION A-A

NOTE: HANOVER DETECTABLE WARNING PAVERS (OR AN APPROVED ALTERNATE) SHALL BE USED IN ALL WHEELCHAIR RAMPS. THE 1/4" RED 15" PAYER SHALL BE USED IN ALL APPLICATIONS.
HANOVER ARCHITECTURAL PRODUCTS
240 BENDER ROAD
HANOVER, PA 17331
1-717-637-0500
www.hanoverpavers.com



DOME DETAIL

WHEEL CHAIR RAMP.DWG



CITY ENGINEER
NEIL CABLE, P.E.

PROJECT NUMBER XXX-XXXXX	OCA NUMBER XXXXXXX	DATE MM/YY	
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1020 (316) 268-4501 (316) 268-4114 FAX		DESIGN ABC	DRAWN DEF
		SHEET 5 OF 15	