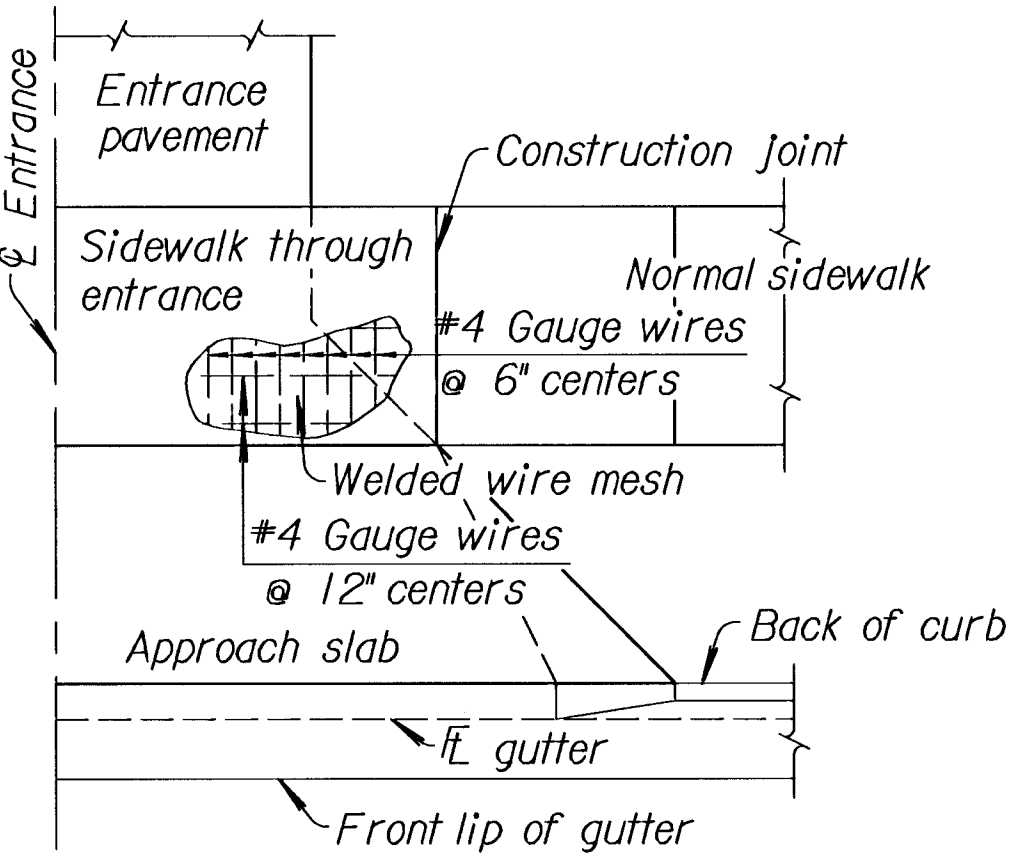


FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N 0064-01	1997	37	130



REINFORCEMENT DIAGRAM
SIDEWALK THROUGH ENTRANCE

See Std. Drawing RD726 for details of Alley and Entrance Pavement.

NOTES: Ramps shall be provided at all corners of street intersections where there is existing or proposed sidewalk and curb. Ramps shall also be provided at walk locations in mid-block in the vicinities of hospitals, medical centers and athletic stadiums.

Details shown on this sheet apply to all construction or reconstruction of streets, curbs or sidewalks. Use of sidewalk ramp Type 2 shall be restricted to locations where is is not feasible to use Types 1 or 3.

Curb cut ramps are to be located as shown on the plans or as directed by the Engineer.

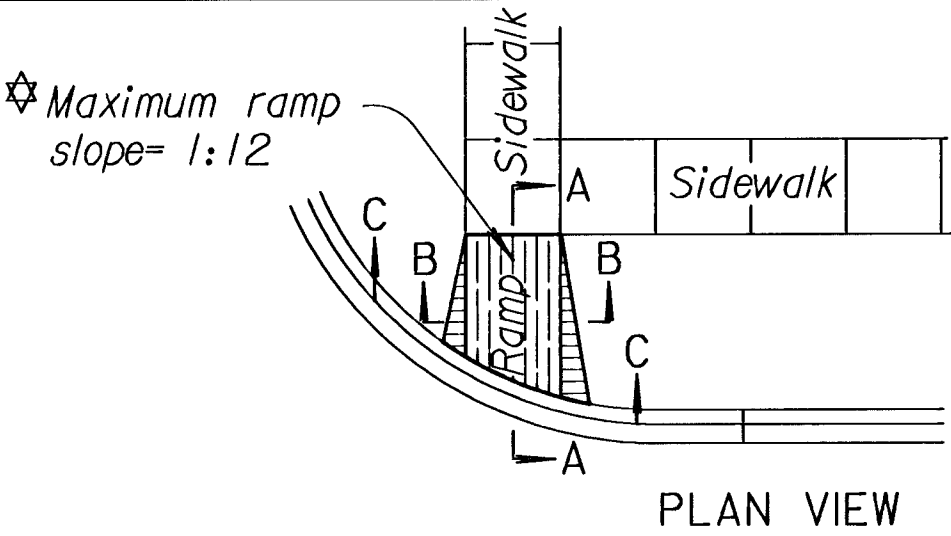
The normal gutter line profile shall be maintained through the area of the ramp.

If possible, drainage structures should not be placed in line with ramps. Except where existing drainage structures are being utilized in the new construction, location of the ramp should take precedence over location of drainage structure.

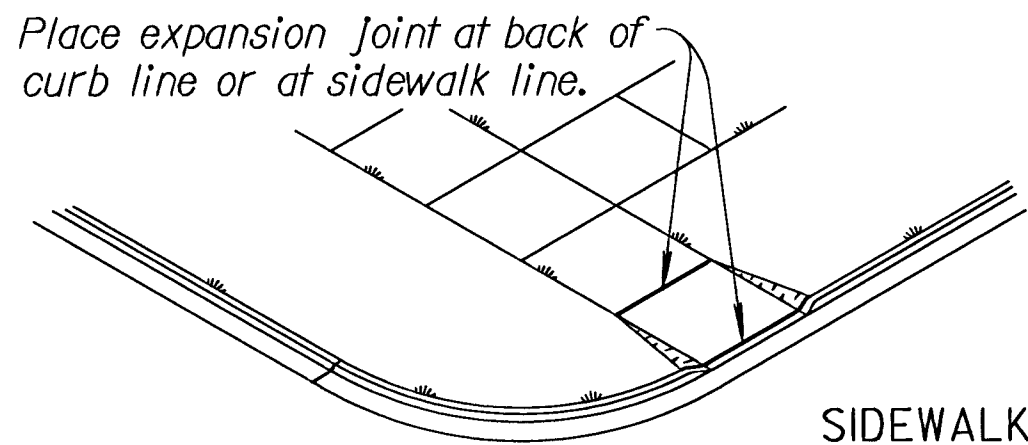
Sidewalks shall be ramped where the driveway curb is extended across the walk.

Care shall be taken to assure a uniform grade on the ramp, free of sags and short grade changes.

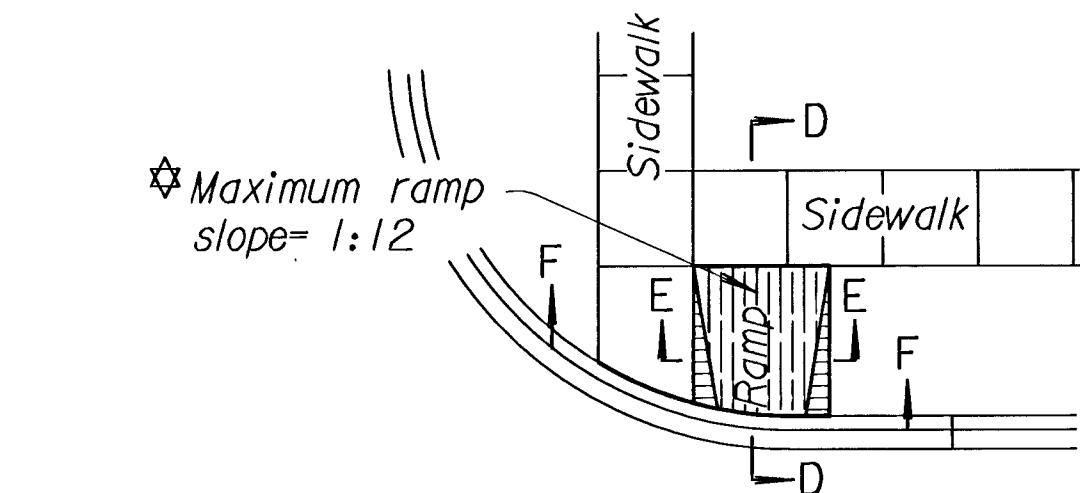
Expansion joints shall be placed in sidewalks as follows: In long runs, expansion joints shall be 3/4\"/>



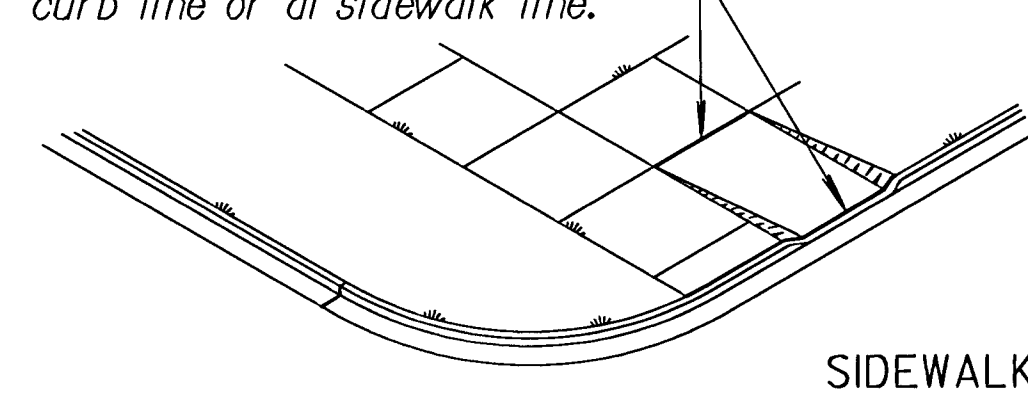
SIDEWALK RAMP TYPE 1



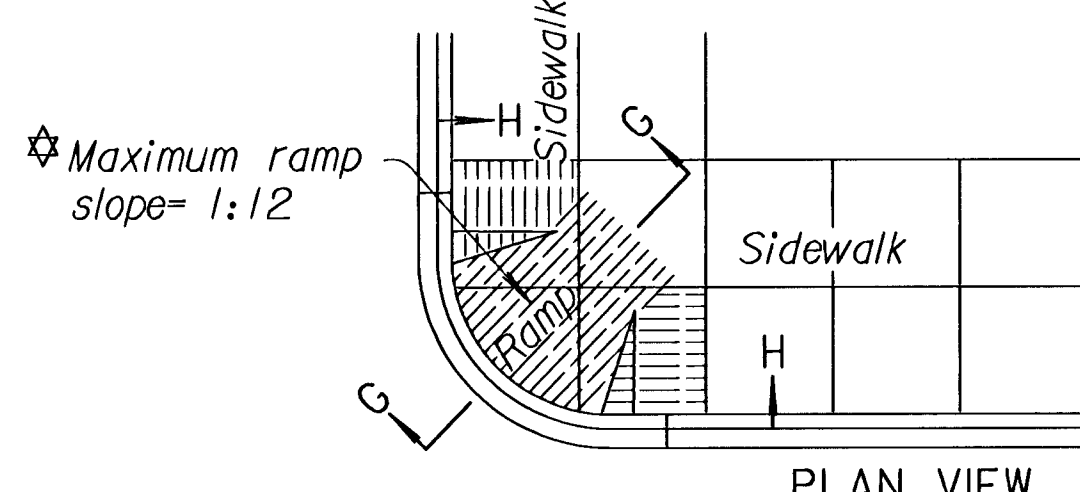
SIDEWALK RAMP TYPE 2



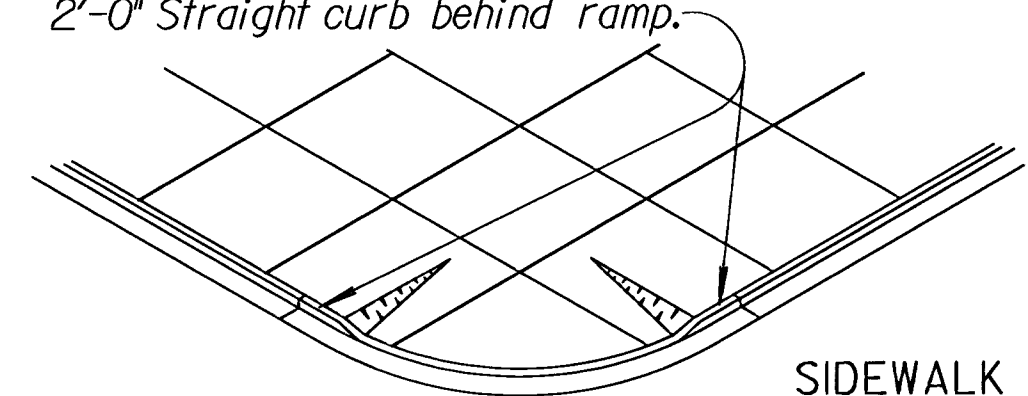
SIDEWALK RAMP TYPE 3



SIDEWALK RAMP TYPE 2

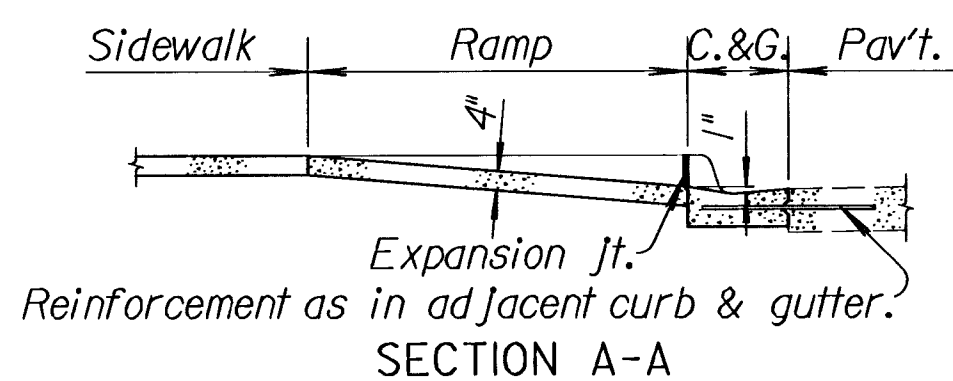


SIDEWALK RAMP TYPE 3

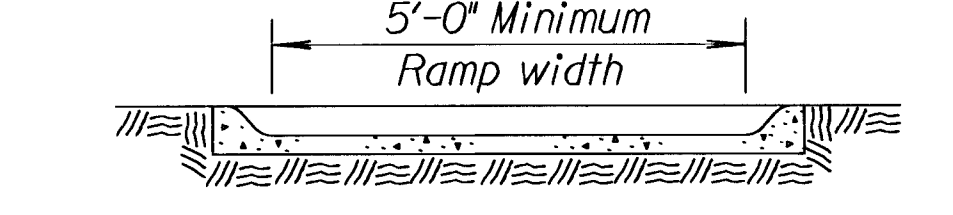


SIDEWALK RAMP TYPE 3

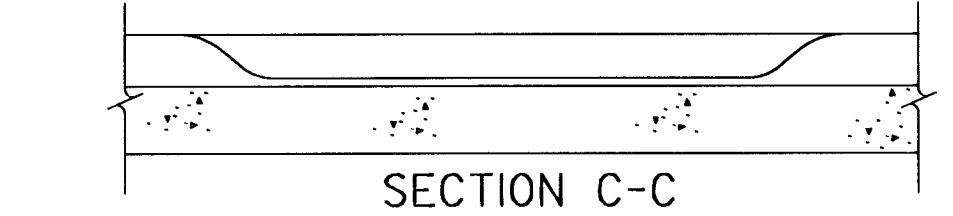
To be used where sidewalk occupies entire area between curb and property line.



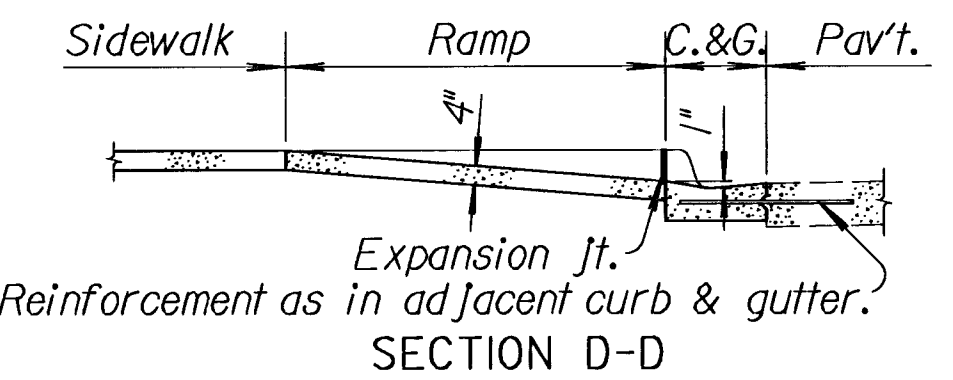
SECTION A-A



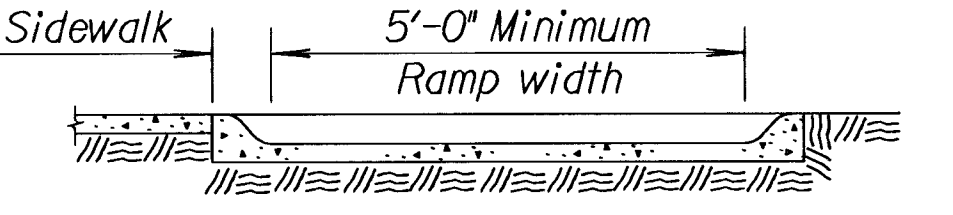
SECTION B-B



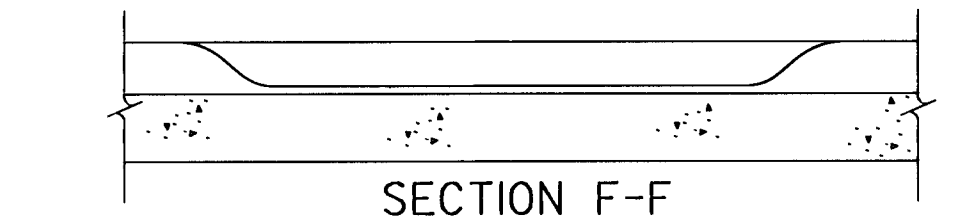
SECTION C-C



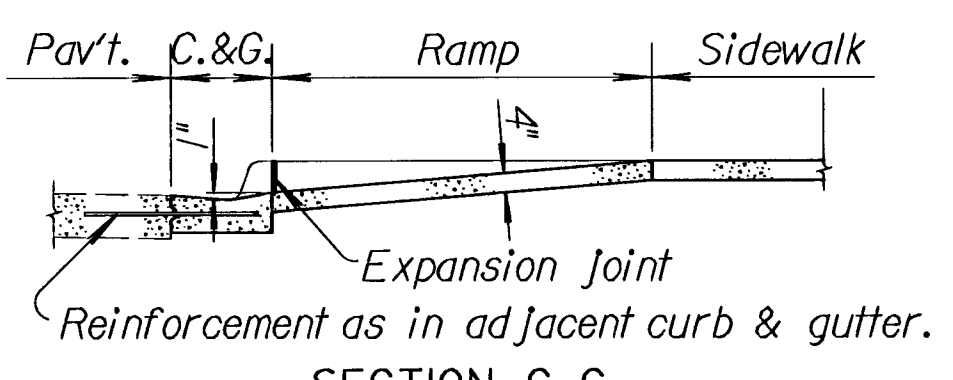
SECTION D-D



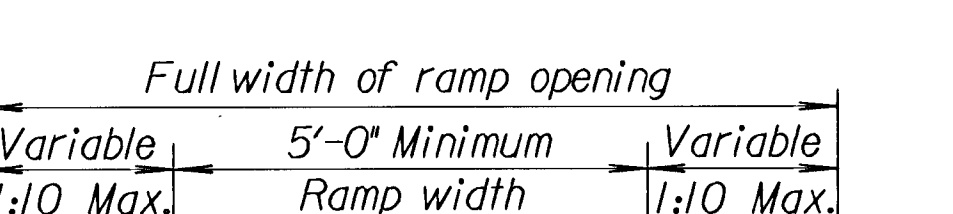
SECTION E-E



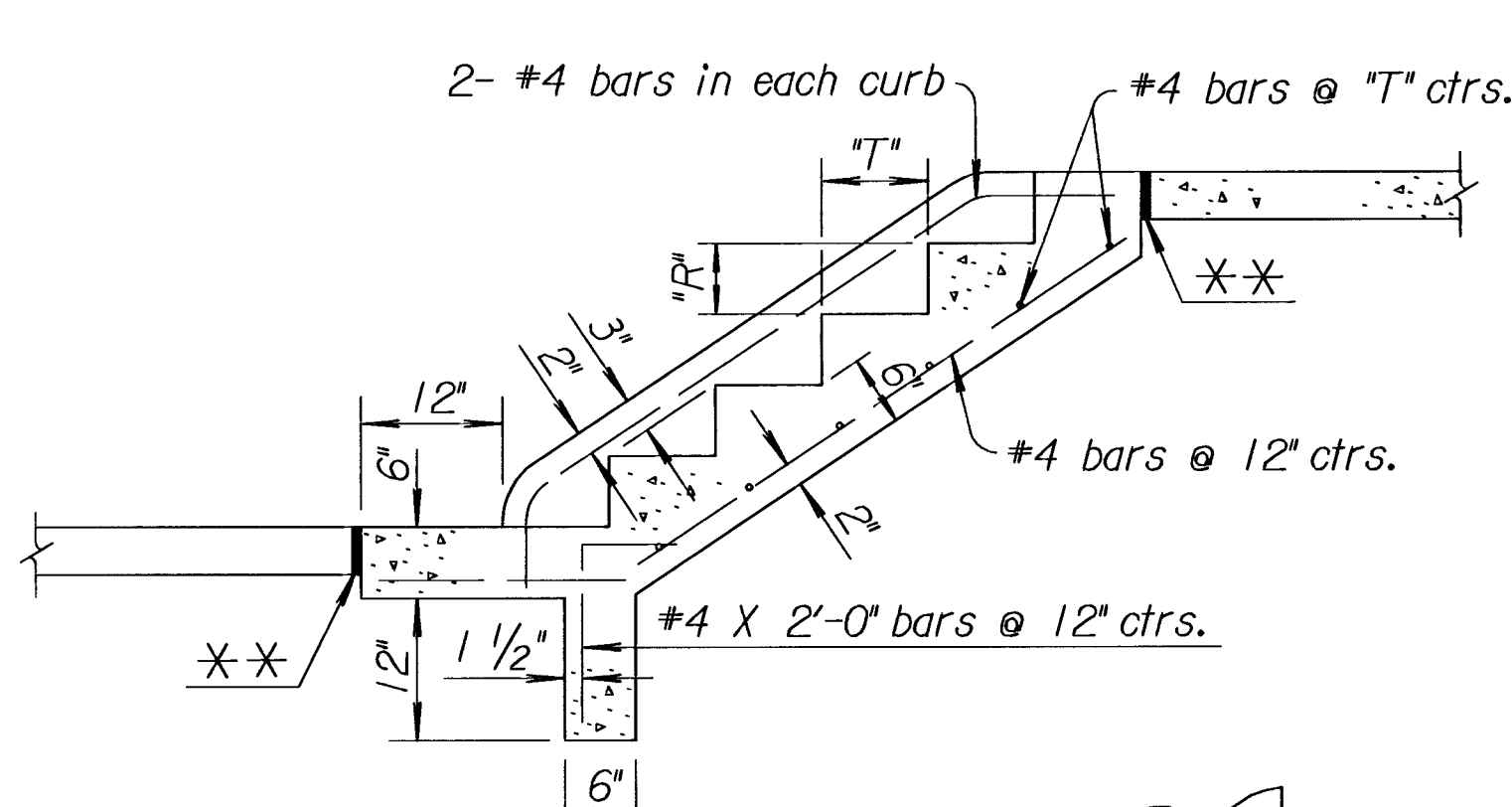
SECTION F-F



SECTION G-G



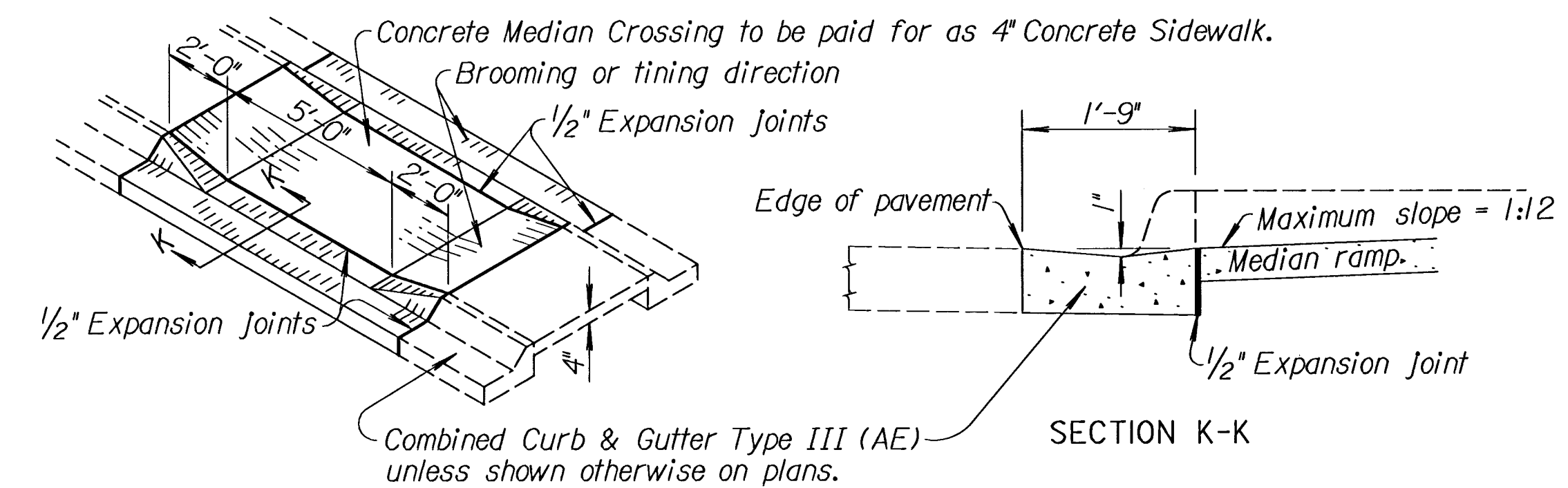
SECTION H-H



SECTION J-J

Step formula:
"R" x "T" = not less than 70 nor more than 75.
The maximum "R" = 6 3/4"
The minimum "T" = 11"

Maximum ramp slope in new construction shall be 1:12.
Desirable maximum ramp slope on existing sites shall be 1:12.
Where space limitations prohibit construction of 1:12 slopes at existing sites maximum slopes shall be as follows:
1:8 for a maximum rise of 3 inches
1:10 for a maximum rise of 6 inches



MEDIAN RAMP CROSSING

Note: A Median Ramp Crossing shall be constructed at Crosswalk locations.

Note: Reinforcing bars shown are to be used only when more than four steps are necessary.
Where field conditions permit, the steps should not be constructed too steep.

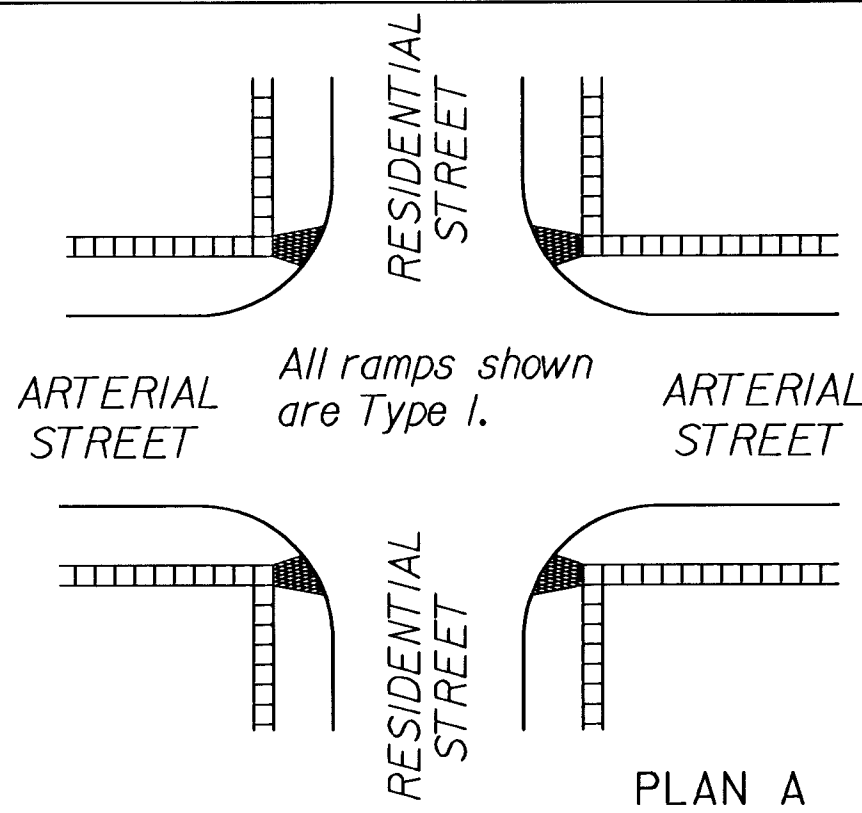
Expansion Joint (3/4\"/>

Variable width (5'-0\"/>

TYPICAL PLAN

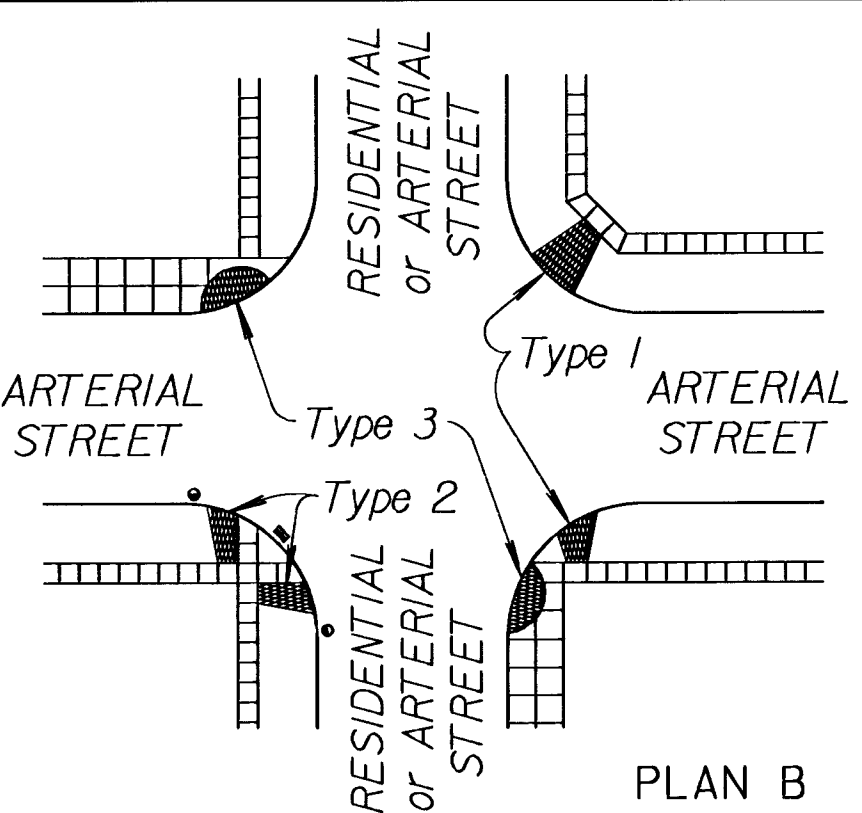
SECTION K-K

Shaping of curb and gutter and median crossing to be subsidiary to other bid items.



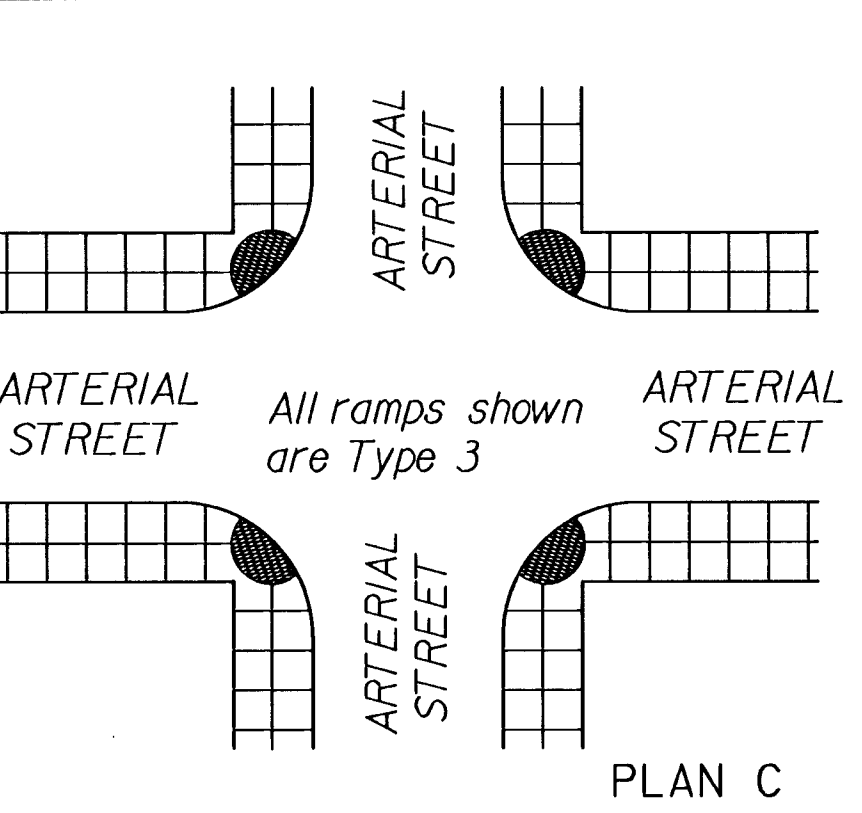
PLAN A

Heavy Traffic on Arterial
No Traffic Signal



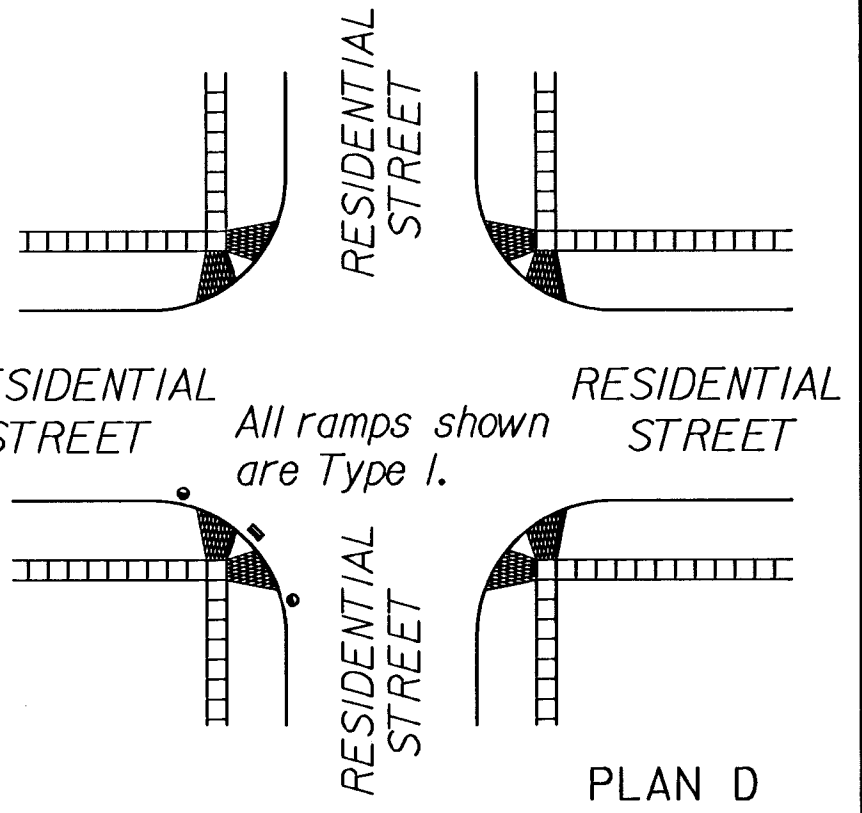
PLAN B

Signalized Intersection
Typical Ramp Treatments



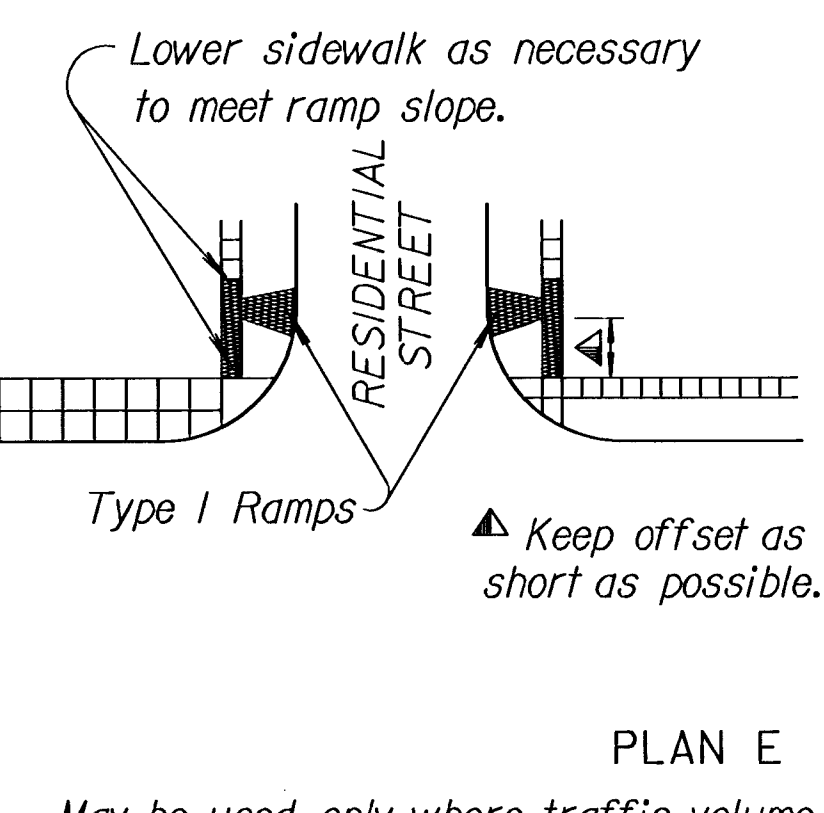
PLAN C

Traffic Control on Both Streets
Wide Sidewalks



PLAN D

Normal Treatment in Residential Area



PLAN E

May be used only where traffic volume is low and where other features make Plan D impractical.

LEGEND

- Sidewalk Ramp Type 1
- Sidewalk Ramp Type 2
- Sidewalk Ramp Type 3
- Preferred location of drainage inlet (Typical)
- Alternate location of drainage inlet (Typical)
- Sidewalk

3	12-28-93	Revise R & T per ADA requirements	R.J.S.	J.O.B.
2	10-24-91	Revised maximum ramp slopes	R.J.S.	J.O.B.
1	9-2-88	5' Min. sidewalk width, ent. on CADD	R.J.S.	J.O.B.
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

SIDEWALK & STEPS

RD725	2-10-94	APP'D, James O. Brewer
DESIGNED	DETAILED	QUANTITIES
DESIGN CK.	DETAIL CK.	QUAN. CK.
		TRACE CK. SEITZ

Drawn By: \$USER\$ Plotted: \$SYTIME\$ File: \$\$\$\$