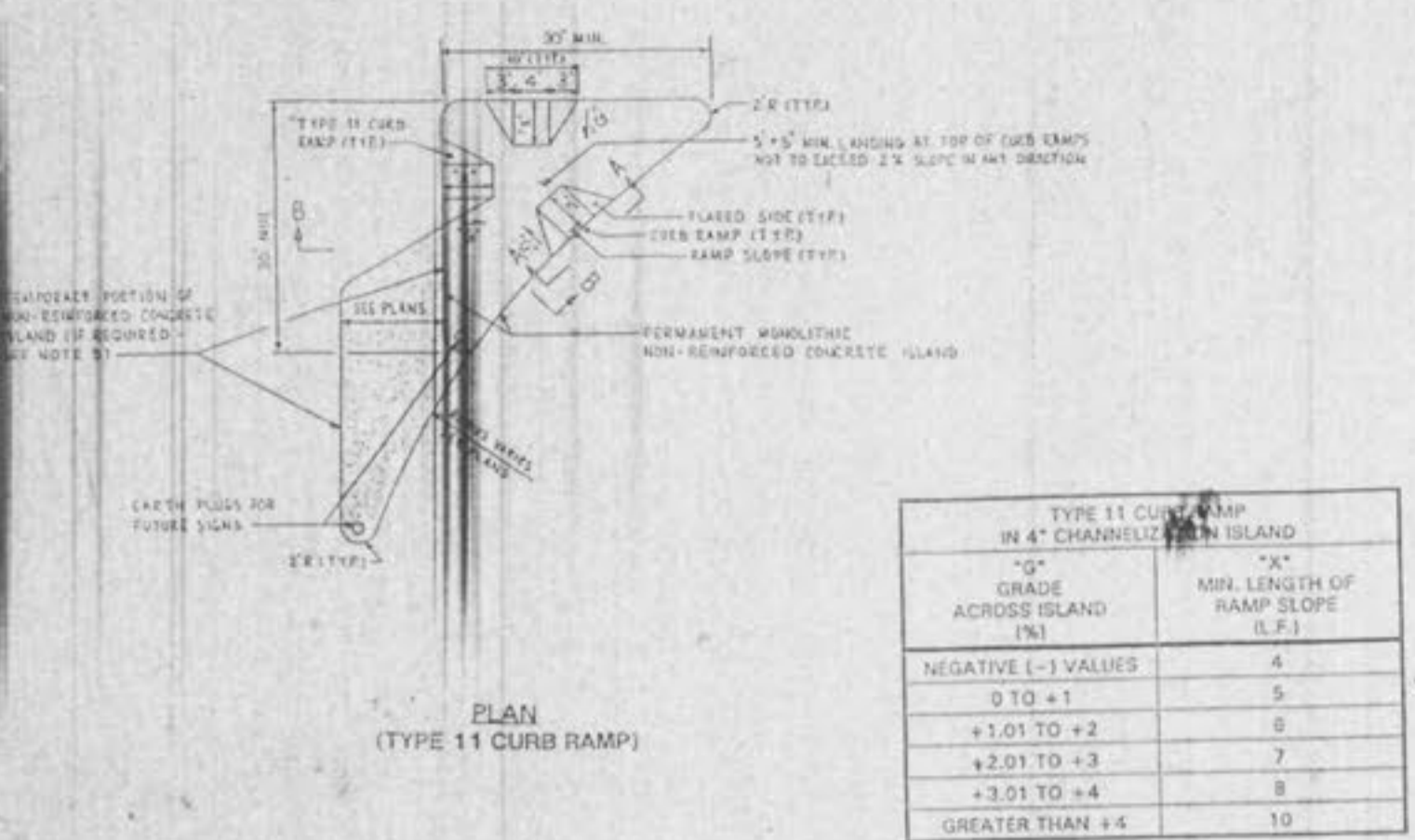


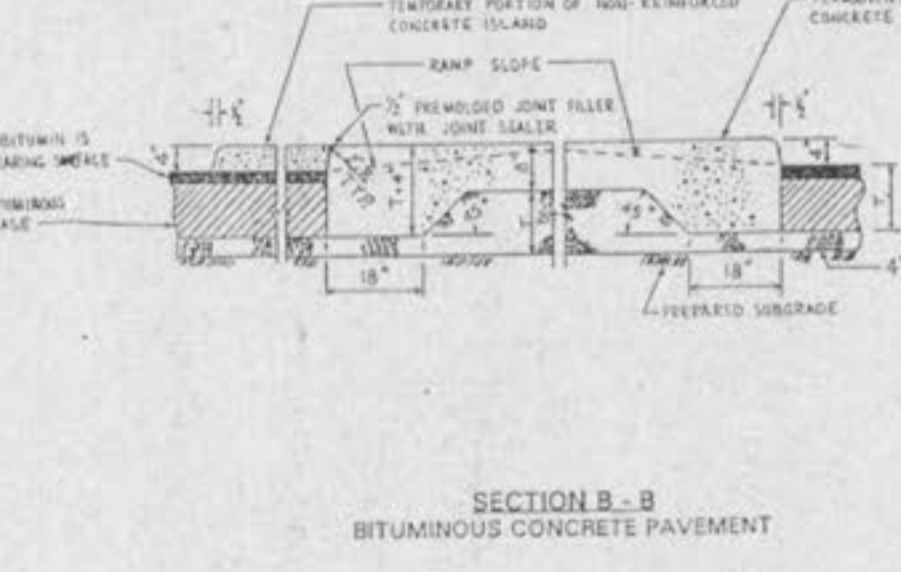
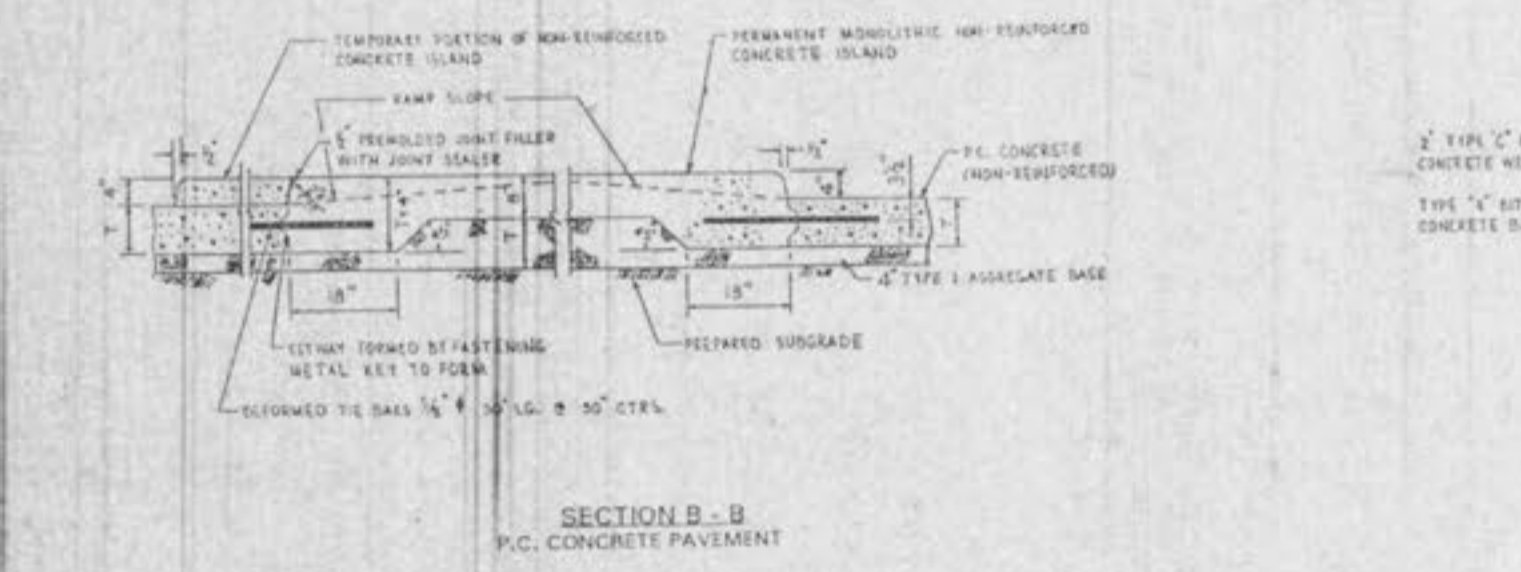
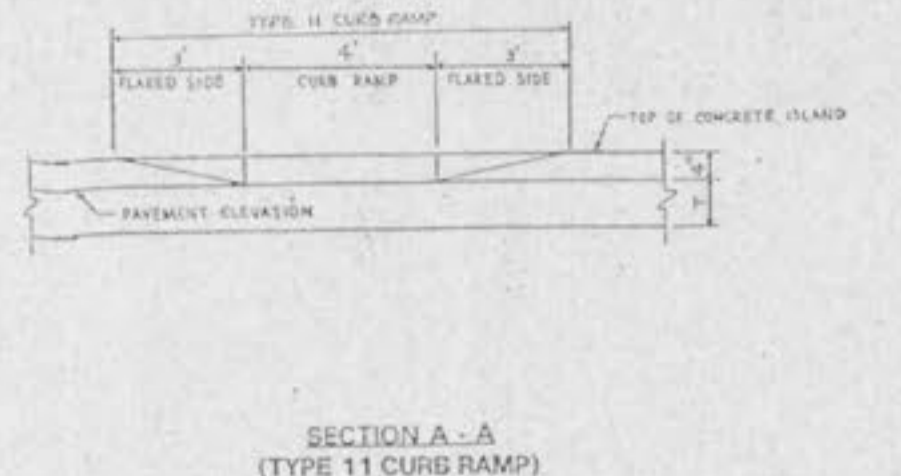
CONSTRUCTION DETAILS

ST. LOUIS COUNTY PROJ. NO. 6608.15

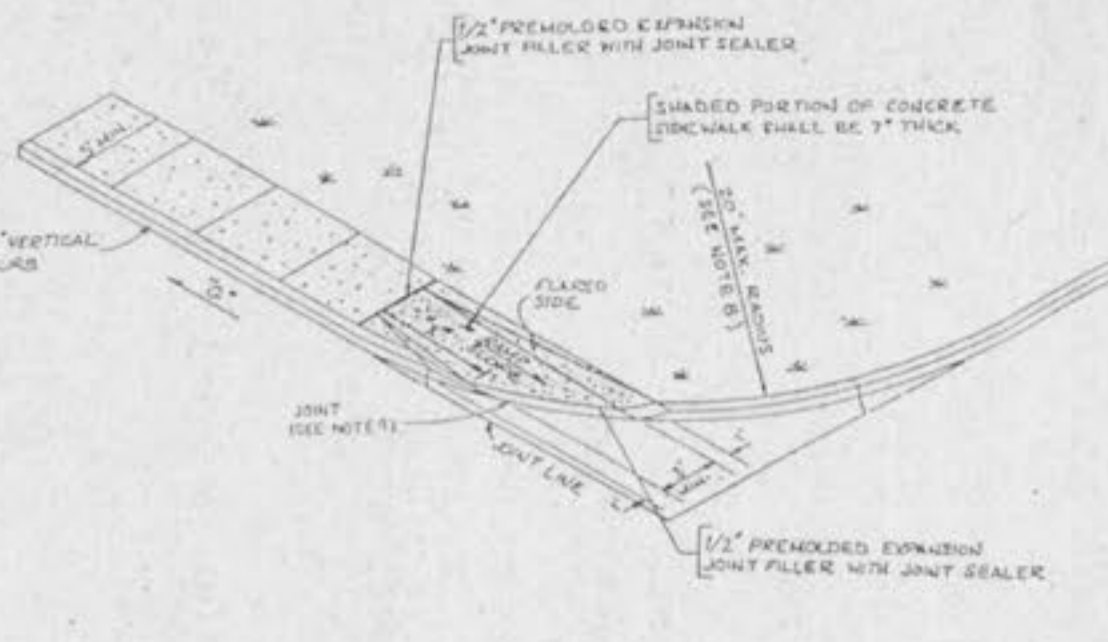


TYPE 11 CURB RAMP IN 4' CHANNELIZED ISLAND	"G" GRADE ACROSS ISLAND (%)	"X" MIN. LENGTH OF RAMP SLOPE (F.T.)
NEGATIVE (-) VALUES	4	5
0 TO +1	5	5
+1.01 TO +2	6	5
+2.01 TO +3	7	5
+3.01 TO +4	8	5
GREATER THAN +4	10	5

NOTE: Positive (+) "G" - Proceeding away from curb and up a grade.
Negative (-) "G" - Proceeding away from curb and down a grade.



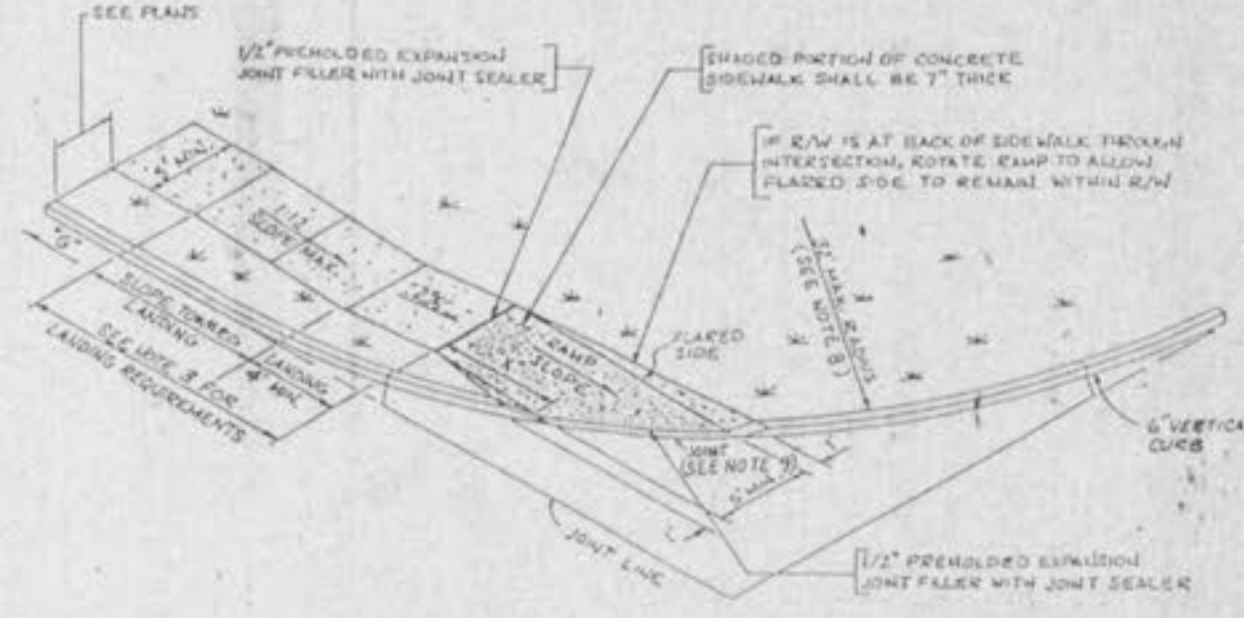
- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - Sidewalk and sidewalk curb ramps shall be constructed in accordance with these details and the current approved "Manual with Disabilities and Accessibility Guidelines" (MAGS).
 - Where curb ramp meets pavement, sidewalks will not be permitted.
 - "G" refers to the difference of the pavement.
 - When the line works on an approach to an intersection, it shall be shown as a "Temporary Position of a Channelized Island" and may be removed.
 - Permanent channelized islands constructed in bituminous concrete pavement shall be installed prior to placement of Type "X" Bituminous Concrete base. Temporary position of channelized islands shall not be allowed to permanent islands until the bituminous concrete paving surface is in place.
 - Permanent channelized islands constructed in concrete pavement shall be installed after placement of concrete pavement with the approved joint filler. Temporary position of channelized islands shall not be allowed to permanent islands until the concrete pavement is in place.



SIDEWALK AT BACK OF CURB
STRAIGHT CURB RAMP - 6" VERTICAL CURB (TYPE 1)

TYPE 1 AND TYPE 2 CURB RAMP	"G" GRADE ALONG CURB (%)	"X" MIN. LENGTH OF RAMP SLOPE (F.T.)
NEGATIVE (-) VALUES	6	7
0 TO +1	7	7
+1.01 TO +2	8	7
+2.01 TO +3	10	7
+3.01 TO +4	12	7
GREATER THAN +4	15	7

NOTE: Positive (+) "G" - Proceeding away from intersection and up a grade.
Negative (-) "G" - Proceeding away from intersection and down a grade.

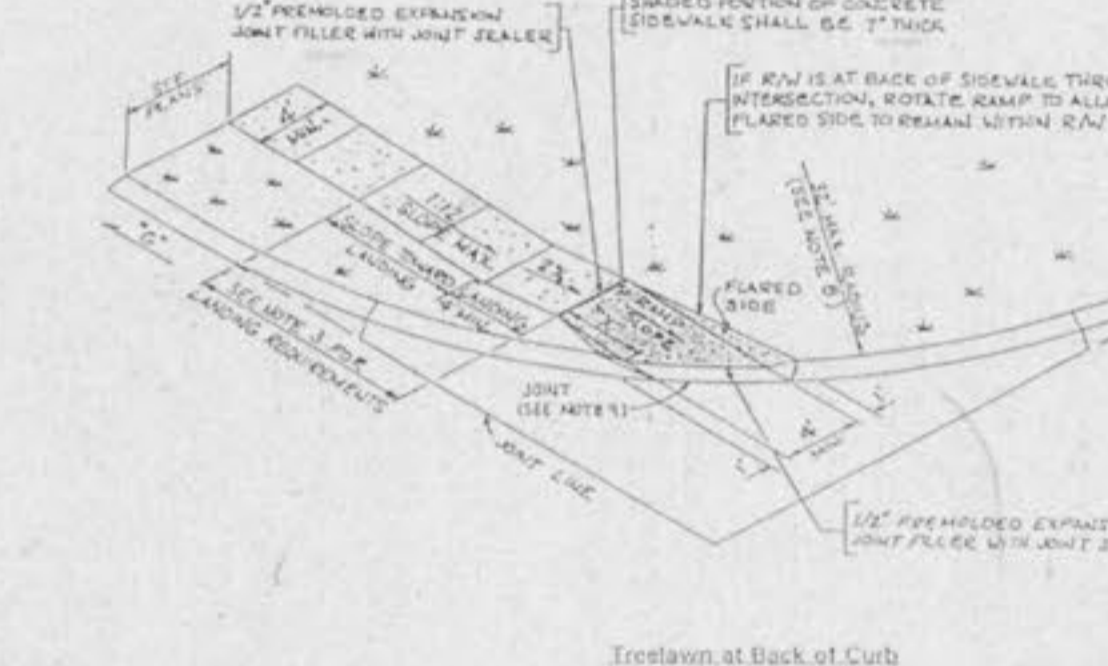


TRANSITION AT BACK OF CURB
STRAIGHT CURB RAMP - 6" VERTICAL CURB (TYPE 2)

- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - Sidewalk and sidewalk curb ramps shall be constructed in accordance with these details and the current approved "Manual with Disabilities and Accessibility Guidelines" (MAGS).
 - Provide a landing at the top of each sidewalk ramp when the grade along curb ("G") is greater than 2% and less than 4%. For other values of "G", including all negative ("G") values, no landing is required.
 - Minimum sidewalk width along 4" vertical curb shall be 5 feet. Minimum sidewalk width along 3" rolled curb shall be 4 feet.
 - Maximum sidewalk cross slope 0.25/1%.
 - All sidewalk sections shall be 4" thick, except where indicated otherwise by noted provisions within details. All sidewalk sections and curb ramps, regardless of thickness, shall be paid for as "Minimum Thickness".
 - Where curb ramp meets pavement, sidewalks will not be permitted.
 - Channelized islands shall be constructed, unless a survey indicates otherwise, to be removed.
 - If integral concrete curb is constructed, utilize a survey point above bottom of curb at curb line. If concrete curb is installed on curb and removed, provide full depth curb across ramp from curb line to curb face to curb face to curb face.
 - For sidewalk locations on dual-lane, refer to "Pavement Construction Details".
 - For sidewalk locations and transition joints and detail, refer to "Pavement Construction Details", refer to the Present Construction Details for "Pavement Construction", Standard Drawing 608.01.
 - For curb ramp cross slope, pavement type, and thickness, refer to "Standard Typical Section".

TYPE 3 CURB RAMP	"G" GRADE ALONG CURB (%)	"X" MIN. LENGTH OF RAMP SLOPE (F.T.)
NEGATIVE (-) VALUES	3	4
0 TO +2	4	4
+2.01 TO +3	5	4
+3.01 TO +4	6	4
+4.01 TO +5	8	4
+5.01 TO +6	11	4
GREATER THAN +6	15	4

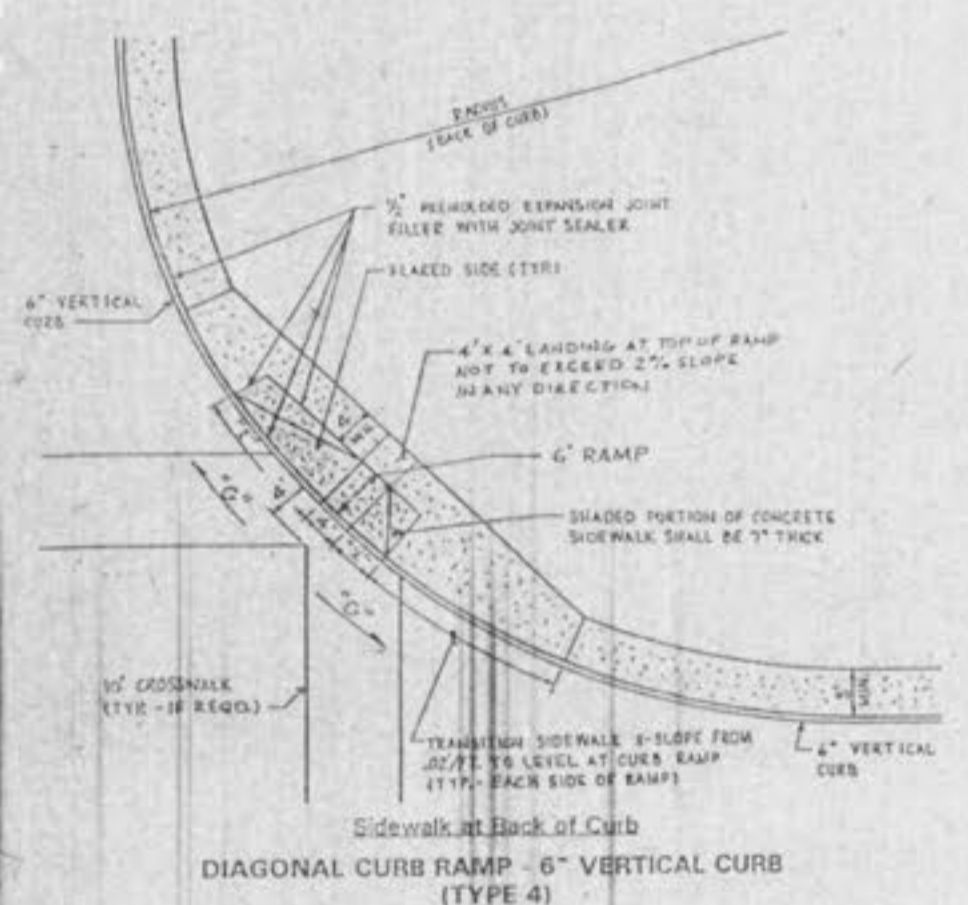
NOTE: Positive (+) "G" - Proceeding away from intersection and up a grade.
Negative (-) "G" - Proceeding away from intersection and down a grade.



SIDEWALK AT BACK OF CURB
STRAIGHT CURB RAMP - 3" ROLLED CURB (TYPE 3)

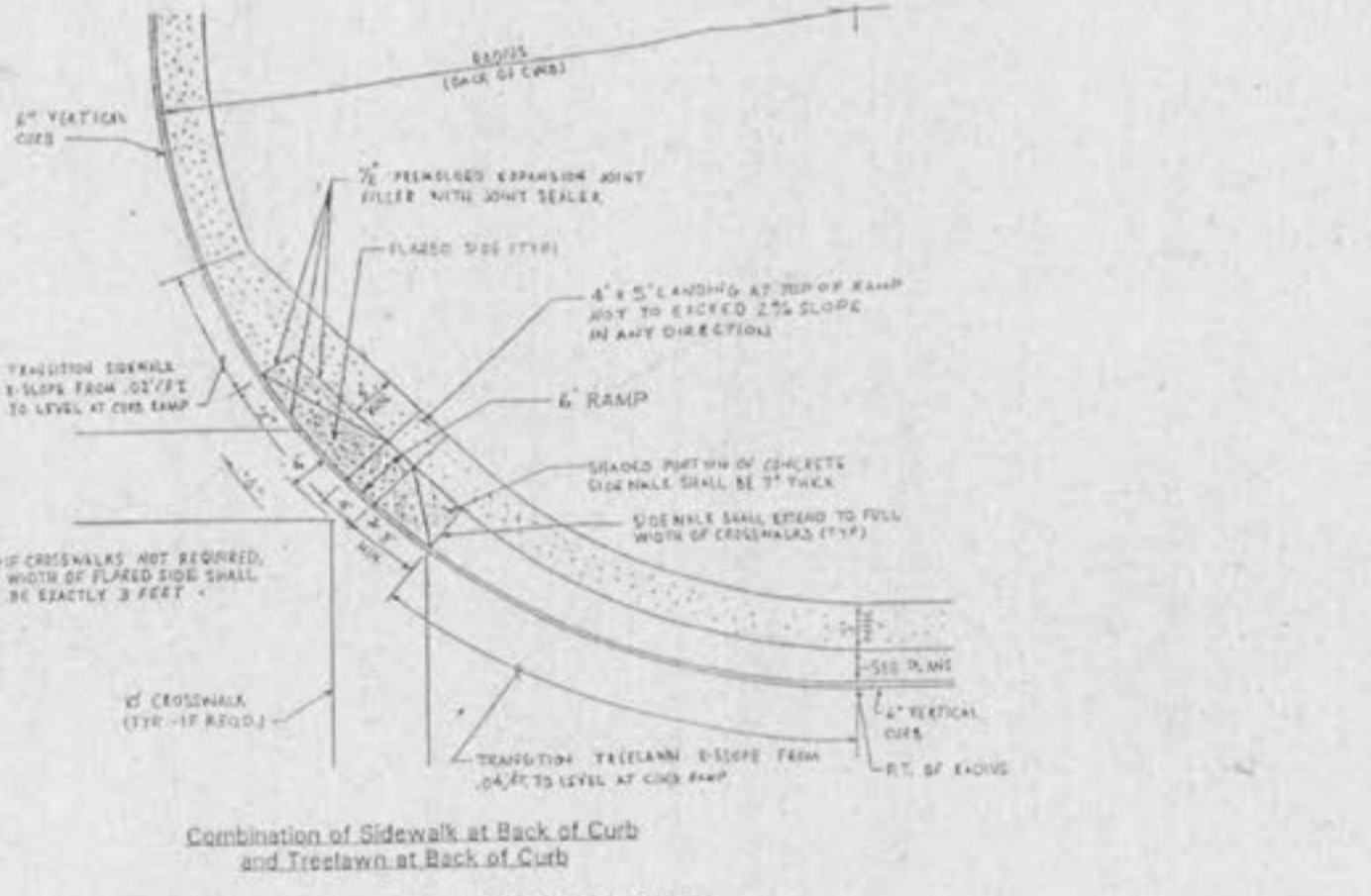
ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI
INTERSECTION CHANNELIZATION DETAILS
4" RAISED CONCRETE CHANNELIZATION ISLAND WITH CURB RAMP
APPROVED: [Signature]
DATE: 4/19/93 DRAWING C608.15

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK AND CURB RAMP
APPROVED: [Signature]
DATE: 4/19/93 DRAWING C608.15

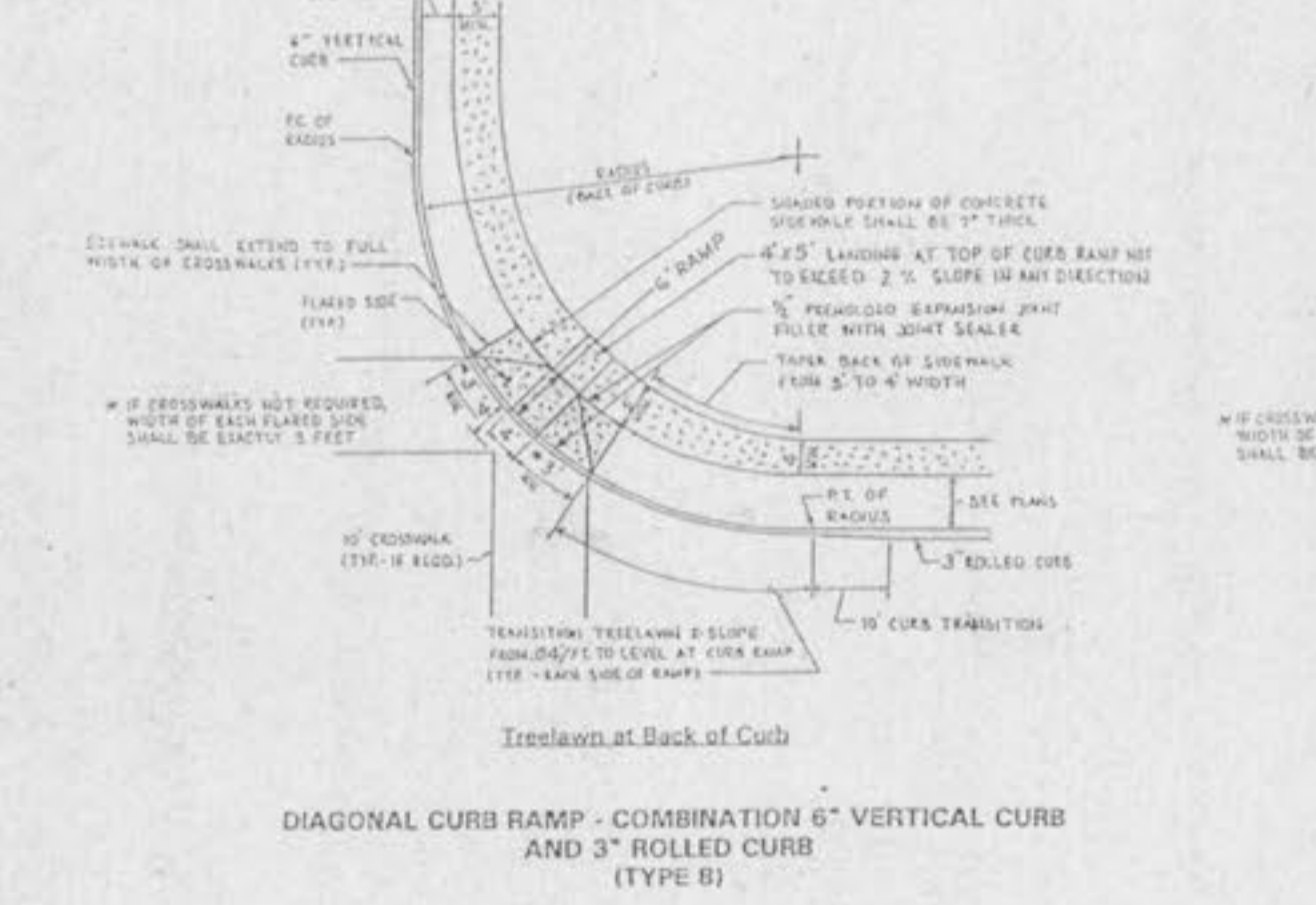


TYPE 4 AND TYPE 5 CURB RAMP (WHERE PEDESTRIANS CAN WALK ACROSS RAMP)	"G" GRADE ALONG CURB THROUGH ROUNDING (%)	"X" LENGTH OF FLARED SIDE ALONG CURB (F.T.)
NEGATIVE (-) VALUES	5	6
0 TO +1	6	6
+1.01 TO +2	7	6
+2.01 TO +3	8	6
+3.01 TO +4	9	6
+4.01 TO +5	10	6
+5.01 TO +6	13	6
GREATER THAN +6	15	6

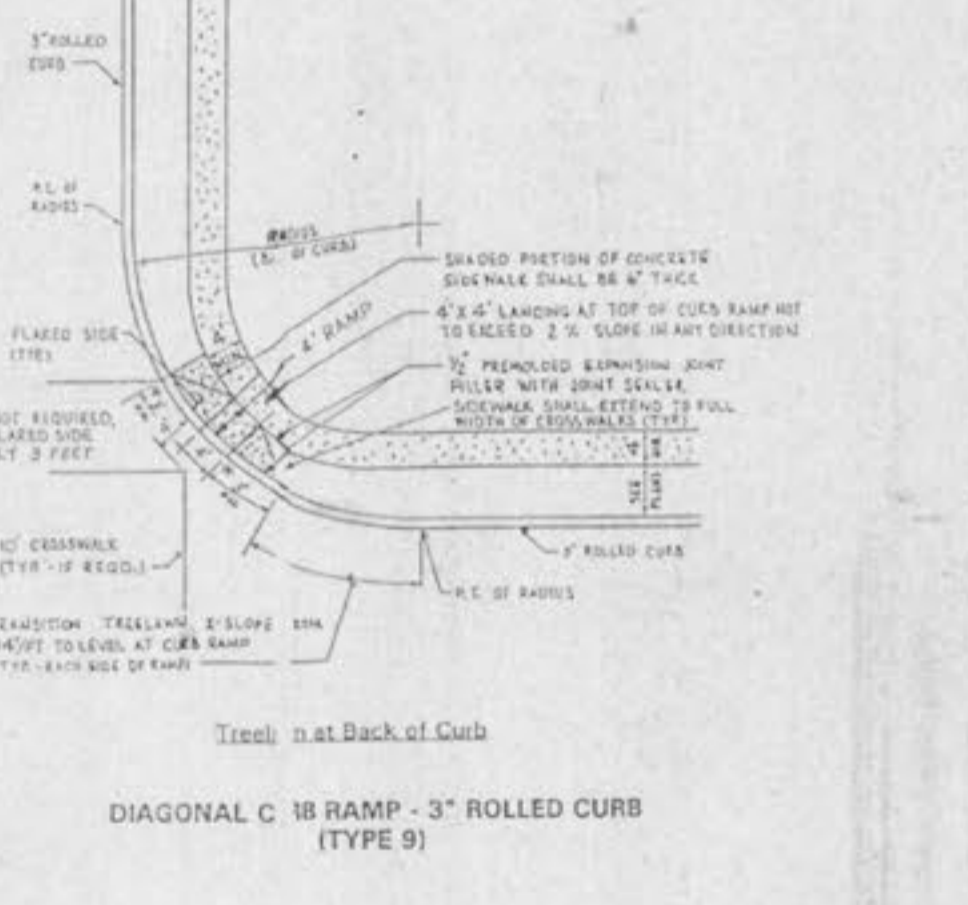
NOTE: Positive (+) "G" - Proceeding away from ramp and up a grade.
Negative (-) "G" - Proceeding away from ramp and down a grade.



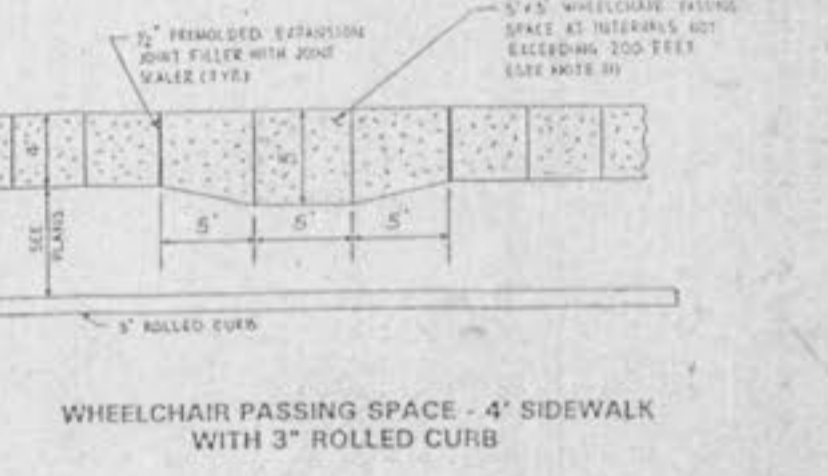
COMBINATION OF SIDEWALK AT BACK OF CURB AND TRANSITION AT BACK OF CURB
DIAGONAL CURB RAMP - 6" VERTICAL CURB (TYPE 5)



SIDEWALK AT BACK OF CURB
DIAGONAL CURB RAMP - COMBINATION 6" VERTICAL CURB AND 3" ROLLED CURB (TYPE 8)



TRANSITION AT BACK OF CURB
DIAGONAL CURB RAMP - 3" ROLLED CURB (TYPE 9)

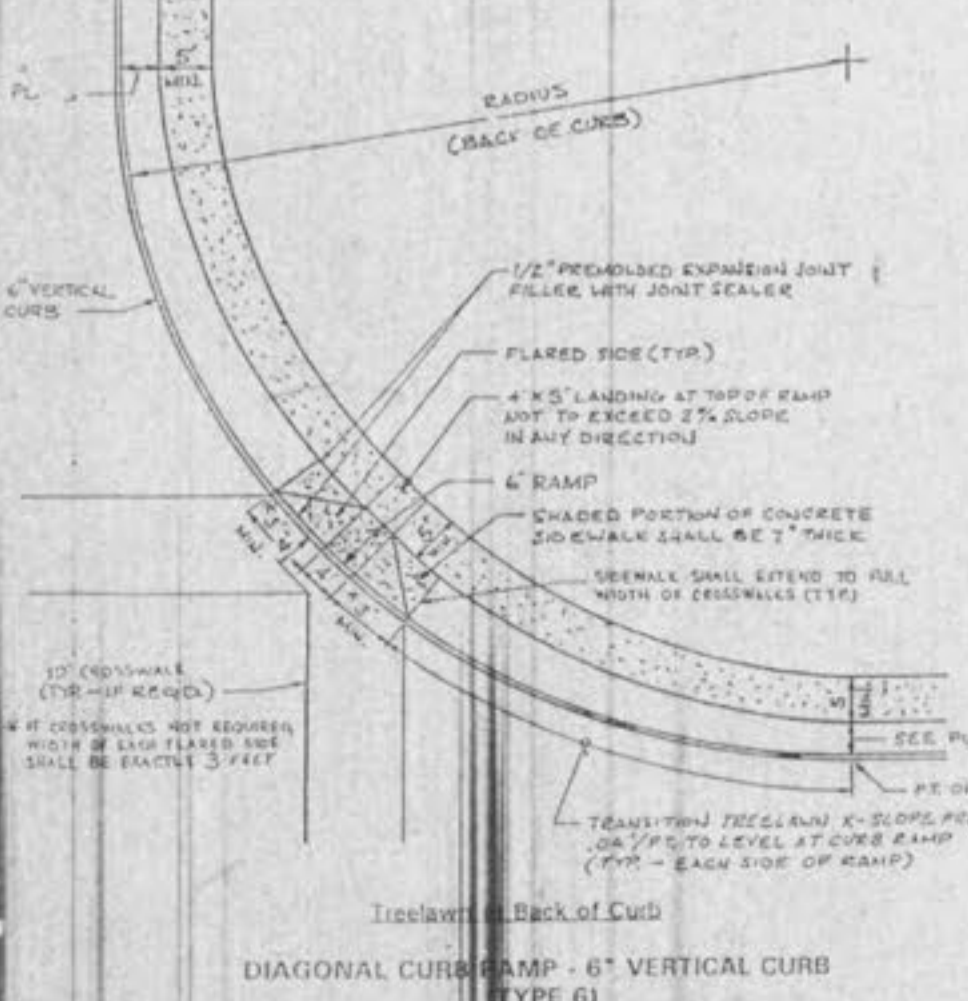


WHEELCHAIR PASSING SPACE - 4" SIDEWALK WITH 3" ROLLED CURB

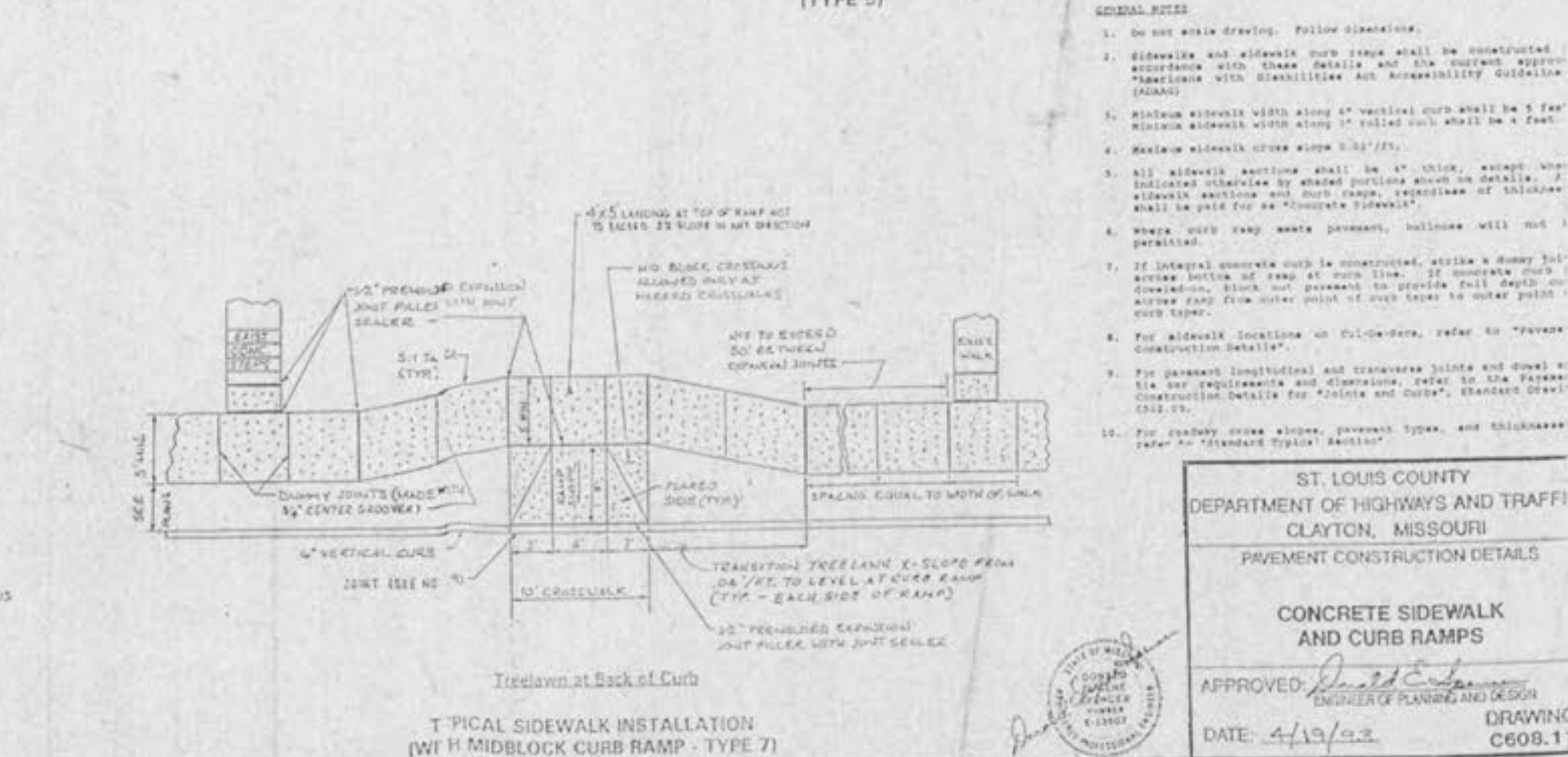
- GENERAL NOTES**
- Do not scale drawing. Follow dimensions.
 - Sidewalk and sidewalk curb ramps shall be constructed in accordance with these details and the current approved "Manual with Disabilities and Accessibility Guidelines" (MAGS).
 - Minimum sidewalk width along 4" vertical curb shall be 5 feet. Minimum sidewalk width along 3" rolled curb shall be 4 feet.
 - Maximum sidewalk cross slope 0.25/1%.
 - All sidewalk sections shall be 4" thick, except where indicated otherwise by noted provisions within details. All sidewalk sections and curb ramps, regardless of thickness, shall be paid for as "Minimum Thickness".
 - Where curb ramp meets pavement, sidewalks will not be permitted.
 - If integral concrete curb is constructed, utilize a survey point above bottom of curb at curb line. If concrete curb is installed on curb and removed, provide full depth curb across ramp from curb line to curb face to curb face to curb face.
 - For sidewalk locations on dual-lane, refer to "Pavement Construction Details".
 - For sidewalk locations and transition joints and detail, refer to "Pavement Construction Details", refer to the Present Construction Details for "Pavement Construction", Standard Drawing 608.01.
 - For curb ramp cross slope, pavement type, and thickness, refer to "Standard Typical Section".

TYPE 10 CURB RAMP	"G" GRADE ALONG CURB THROUGH ROUNDING (%)	"X" LENGTH OF FLARED SIDE ALONG CURB (F.T.)
NEGATIVE (-) VALUES	6	7
0 TO +1	7	7
+1.01 TO +2	8	7
+2.01 TO +3	10	7
+3.01 TO +4	12	7
GREATER THAN +4	15	7

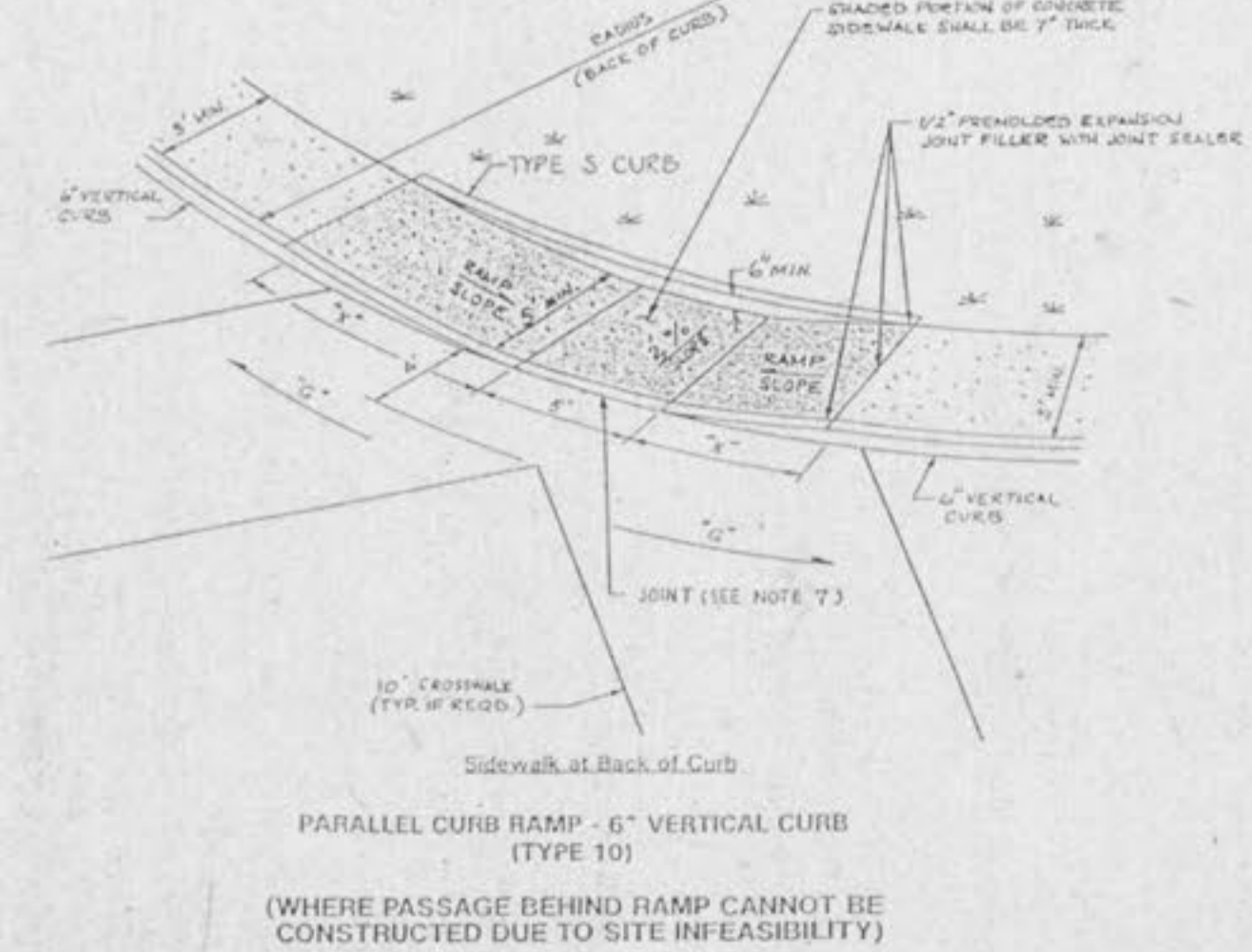
NOTE: Positive (+) "G" - Proceeding away from ramp and up a grade.
Negative (-) "G" - Proceeding away from ramp and down a grade.



TRANSITION AT BACK OF CURB
DIAGONAL CURB RAMP - 6" VERTICAL CURB (TYPE 6)



TRANSITION AT BACK OF CURB
TYPICAL SIDEWALK INSTALLATION WITH 1/2" MIDBLOCK CURB RAMP - TYPE 7



SIDEWALK AT BACK OF CURB
PARALLEL CURB RAMP - 6" VERTICAL CURB (TYPE 10)
(WHERE PASSAGE BEHIND RAMP CANNOT BE CONSTRUCTED DUE TO SITE INFEASIBILITY)

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK AND CURB RAMP
APPROVED: [Signature]
DATE: 4/19/93 DRAWING C608.11

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
CONCRETE SIDEWALK AND CURB RAMP
APPROVED: [Signature]
DATE: 4/19/93 DRAWING C608.12