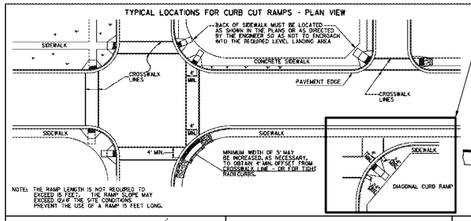
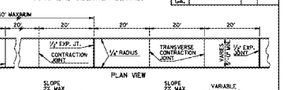
NOTE:
USE THIS DETAIL FOR INSTALLATION OF CROSSWALK.
(ALSO SEE PAVEMENT MARKING PLACEMENT DETAIL 1-11A ON SHEET SI-8)

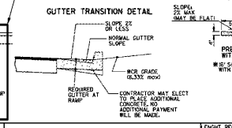
TYPICAL LOCATIONS FOR CURB CUT RAMPS - PLAN VIEW



CONCRETE SIDEWALK DETAILS



GUTTER TRANSITION DETAIL



PREFERRED SECTION WITH 6' GRASS STRIP
W/ SIDEWALK RECONNECTED WITH THIS INSTALLATION

ALTERNATE SECTION WITH GRASS STRIP

ALTERNATE SECTION WITHOUT GRASS STRIP
MAY MIN WIDTH WITH NO OBSTRUCTIONS OR PROTRUSIONS
1' PREFERRED WIDTH WHEN 3' AREA OF CONTRASTING COLOR & TEXTURE IS PROVIDED ADJACENT TO FLUME, CONFORMS TO WALKS REQUIRED FOR MAILBOX AND NEWS RACK PLACEMENT (INCLUDED IN THE PRICE BID FOR SIDEWALK)

NOTES FOR CONCRETE SIDEWALK

A. CONCRETE TO BE PLACED 4" THICK AND FINISHED WITH TAMPS, WOOD FLOATS AND STEEL-WHEELED BROOMS.
B. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 20 FT. INTERVALS. ALL EDGES TO BE RADIUSED TO 1/2" RADIUS.
C. 3/4" EXPANSION JOINTS SHALL BE PLACED WHERE SIDEWALK TIE INTO A STRUCTURE OR RUNWAYS AT CURB RAMPS OR CROSSWALKS AND AT 60' INTERVALS.

NOTES FOR CURB CUT RAMPS:

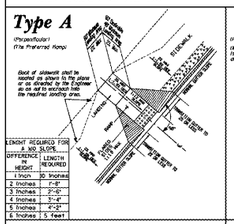
1. CURB CUT RAMPS WILL BE LOCATED AS FOLLOWS UNLESS PLANS OR CONTRACT SPECIFY OTHERWISE:
   a) AT ALL PEDESTRIAN CROSSWALKS WHERE CURB IS CONSTRUCTED OR REPLACED.
   b) WHERE THE SIDEWALK, CONCRETE OR UNPAVED, IS INTERRUPTED BY THE CURB AT SIDEWALK OR AT INTERSECTIONS.
   c) AT OTHER LOCATIONS SUCH AS HOSPITALS, NURSING HOMES, REST AREAS, ETC., WHERE THE CURB WOULD OTHERWISE BE AN OBSTRUCTION TO THE PHYSICALLY DISABLED.
2. RAMPS WILL BE CONSTRUCTED FROM CONCRETE. SPECIFICATIONS FOR RAMPS WILL BE THE SAME AS FOR CONCRETE SIDEWALKS. RAMPS SHALL HAVE EITHER A BROOM OR A TROWELED FINISH.
3. DROP INLETS ARE NOT TO BE LOCATED DIRECTLY IN FRONT OF RAMPS. CATCH BASINS SHOULD BE LOCATED AT LEAST 10 FT. FROM RAMPS WHEN FEASIBLE.
4. WHERE RAMPS ARE LOCATED IN WALKS, THE DIMENSIONS SHOWN FOR RAMP WIDTHS AND TAPERS ARE MEASURED PERPENDICULAR TO THE RAMP AND NOT ALONG THE CURVE.
5. WHERE UTILITY STRUCTURES CONFLICT, WHERE SIDEWALK GEOMETRY VARIES, AT SKEWED INTERSECTIONS, OR IN OTHER SPECIAL CASES, THE RAMP DESIGNS MAY BE MODIFIED BY THE DESIGNER OR ENGINEER, PROVIDED THAT THE RUNS OF RAMPS IS A MINIMUM OF 48 INCHES, AND NO SLOPE ON THE ACCESSIBLE PART OF THE RAMP IS STEEPER THAN 12:1.
6. LIN. FT. OF CURB AND GUTTER WILL INCLUDE THE TRANSITIONS CURB IN FRONT OF THE RAMP. THE RAMP WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ. YD. INSTALLED RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SAWING AND REMOVING EXISTING SIDEWALK WHERE NECESSARY FOR RAMP CONSTRUCTION.
7. WHEN A CURB RAMP IS PLACED ON EXISTING PAVEMENT, THE PAVEMENT SHALL BE REMOVED TO PROVIDE A MINIMUM THICKNESS OF 3 INCHES OF CONCRETE AT ALL LOCATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL OF THE PAVEMENT.
8. DETECTABLE WARNING SURFACES ARE REQUIRED ON ALL INTERSECTIONS WITH PUBLIC STREETS, SIGNALIZED AND COMMERCIAL DRIVEWAYS WITH AN ADT OF 25,000.

This Detail Replaces Ga Standard 9031W

Guidelines For Usage On Metric Projects

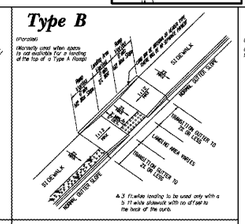
When these details are used to replace existing standards and projects that are being prepared or constructed using metric units, the following conversion is mainly useful to not require the dimensions shown on the plans in feet and inches may be converted to corresponding metric units using the following: "Rounded-Off" conversion factors (~25mm, ~300mm, etc.) For ~300mm, all measurements lines that refer to these feet and square yards shall be interpreted to mean their metric equivalents.

Type A
(Perpendicular)
(The Preferred Ramp)



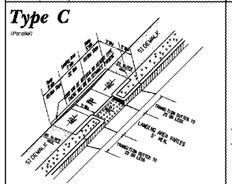
LENGHT REQUIRED FOR A NO SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 Inch	10 Inches
2 Inches	1'-8"
3 Inches	2'-6"
4 Inches	3'-4"
5 Inches	4'-2"
6 Inches	5 Feet

Type B
(Parallel)
(Normally used when space is not available for the location of the top of a Type A Ramp)



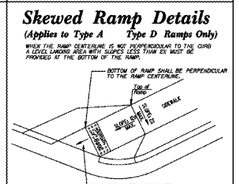
LENGHT REQUIRED FOR A NO SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 Inch	1'Foot
2 Inches	2 feet
3 Inches	3 feet
4 Inches	4 feet
5 Inches	5 feet
6 Inches	6 feet

Type C
(Parallel)

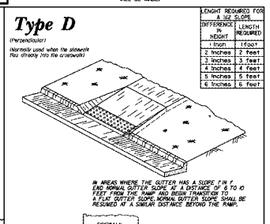


Skewed Ramp Details
(Applies to Type A Type D Ramps Only)

WHEN THE RAMP CENTERLINE IS NOT PERPENDICULAR TO THE CURB A LEVEL LANDING AREA WITH SLOPES LESS THAN 2% MUST BE PROVIDED AT THE BOTTOM OF THE RAMP.



Type D
(Perpendicular)
(Normally used when the sidewalk has already the full width)



LENGHT REQUIRED FOR A NO SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 Inch	1'Foot
2 Inches	2 feet
3 Inches	3 feet
4 Inches	4 feet
5 Inches	5 feet
6 Inches	6 feet

RAMP WIDTH	4'	5'	6'
MIN. SLOPE OF TRANSITION	8.3%	8.3%	8.3%
MAX. SLOPE OF TRANSITION	12%	12%	12%
MIN. LENGTH OF TRANSITION	4'	4'	4'
MAX. LENGTH OF TRANSITION	8'	8'	8'
MIN. SLOPE OF LANDING	2%	2%	2%
MAX. SLOPE OF LANDING	2%	2%	2%
MIN. LENGTH OF LANDING	4'	5'	6'
MIN. WIDTH OF LANDING	4'	5'	6'

| DESIGN | | |