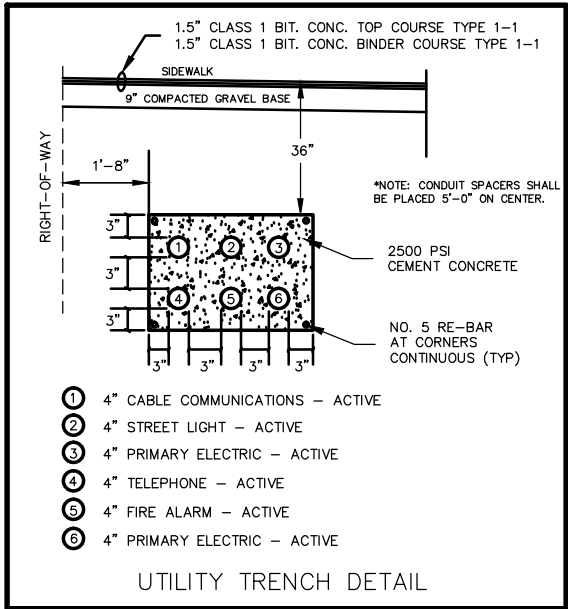
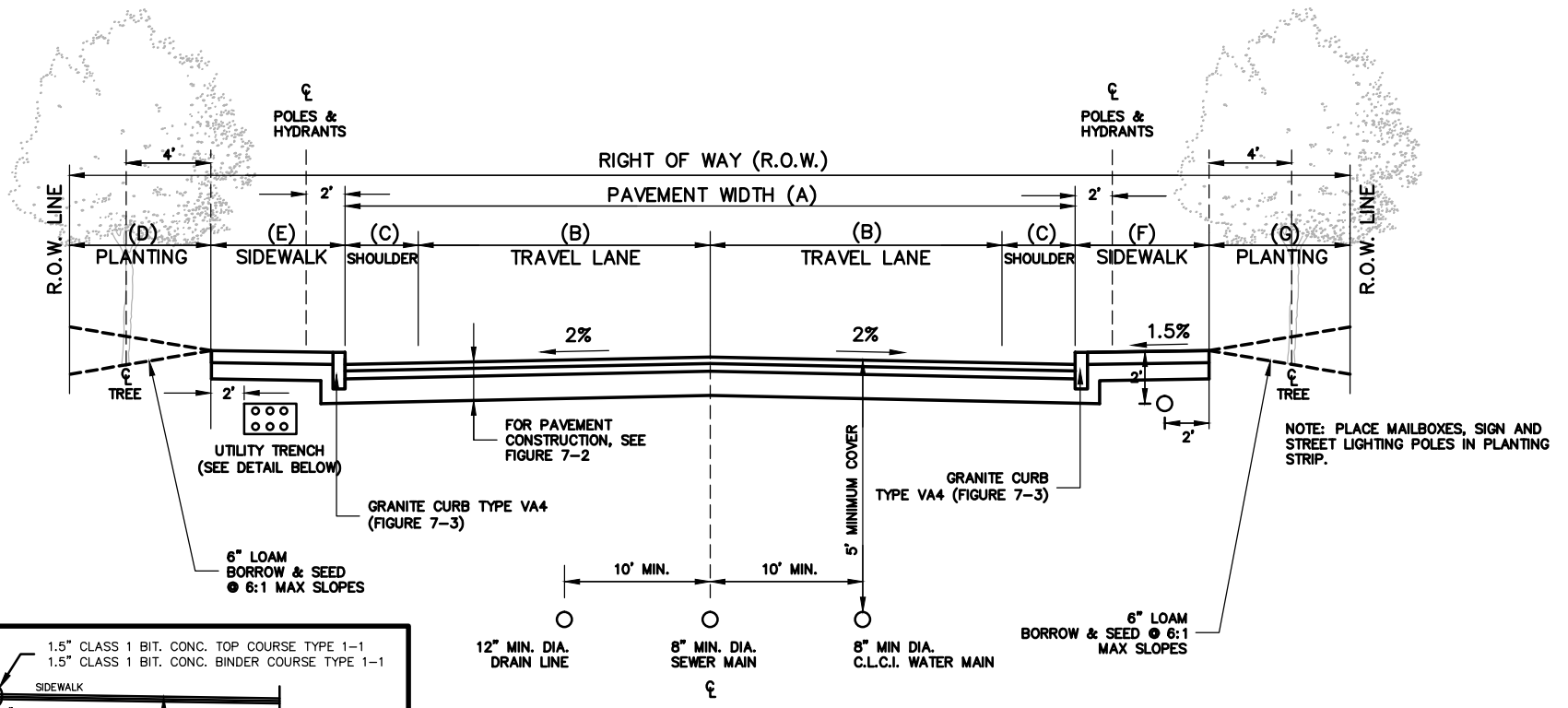


FIGURE 7-1

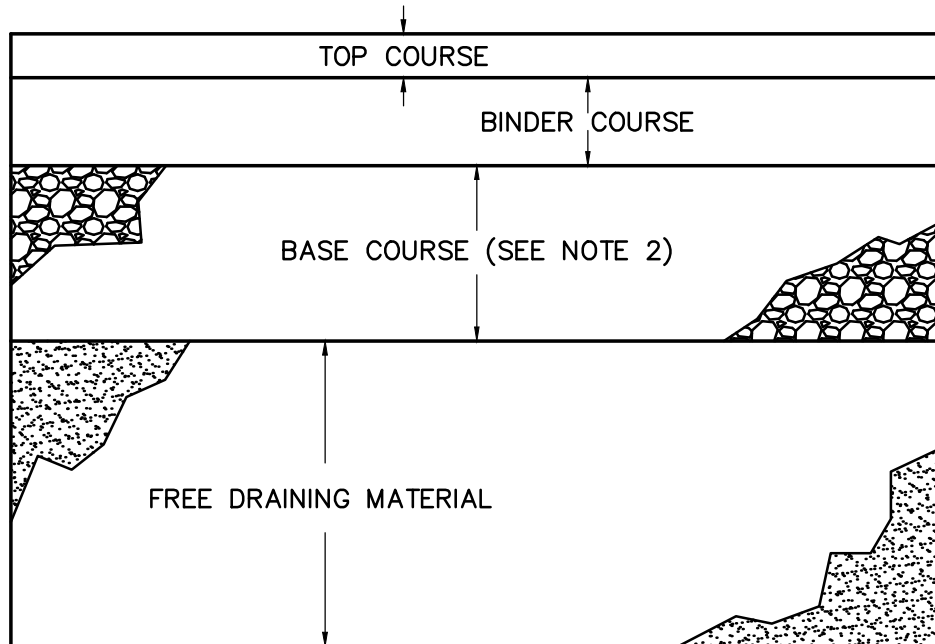


TYPICAL ROADWAY SECTION

* NOTE: FOR RESIDENTIAL LANES, SLOPED GRANITE EDGING MAY BE USED.

CLASSIFICATION	NO. OF LOTS SERVED	MINIMUM ROADWAY SECTION WIDTHS (FT)								FULL DEPTH RECONSTRUCTION
		R.O.W.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
RESIDENTIAL LANE	1-4	50	18	8	1	-	-	-	-	26
RESIDENTIAL STREET (SRA ONLY)	5-49	50	22	10	1	8	5	5	8	34
RESIDENTIAL STREET	5-49	50	28	12	2	5	5	5	5	40
NON-RESIDENTIAL STREET	INDUSTRIAL	50	28	12	2	5	5	-	11	35
COLLECTOR STREET	50+	60	32	12	4	8	5	5	8	44

FULL DEPTH CONSTRUCTION = MIN. WIDTH FOR CLEARING AND GRUBBING.



HOT MIX ASPHALT PAVEMENT CONSTRUCTION			
	RESIDENTIAL LANE/ RESIDENTIAL STREET	NON-RESIDENTIAL STREET	COLLECTOR
TOP COURSE THICKNESS (IN):	1-1/2	2	2
BINDER COURSE THICKNESS (IN):	2	3	3
BASE COURSE THICKNESS (IN):	12	12	12
FREE DRAINING THICKNESS (IN):	24	24	24

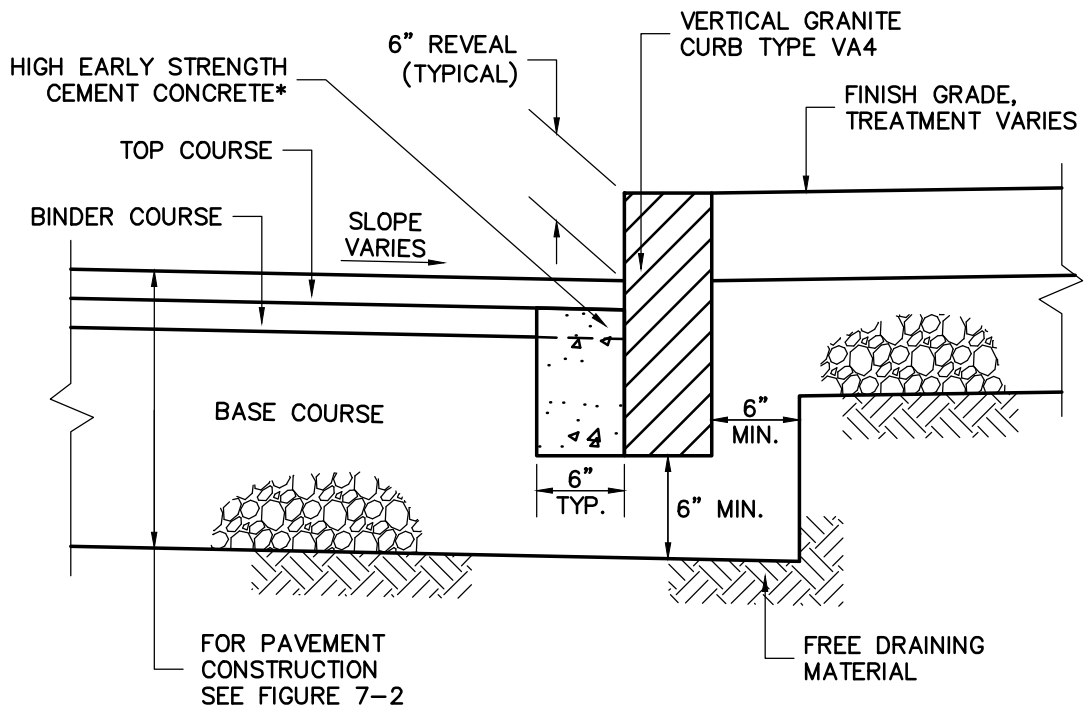
NOTES:

- 1) HOT MIX ASPHALT FOR BOTH THE TOP COURSE AND BINDER COURSE SHALL CONFORM TO SECTION 460 OF THE MASS DOT STANDARD SPECIFICATIONS.
- 2) BASE COURSE MATERIAL SHALL CONSIST OF EITHER A MINIMUM OF 12" OF GRAVEL BORROW M1.03.0 TYPE "B" OR RECLAIMED PAVEMENT BORROW M1.09.0 OR A COMBINATION OF 4" OF DENSE-GRADED CRUSHED STONE M2.01.7 UNDERLAIN BY EITHER 8" OF GRAVEL BORROW M1.03.0 TYPE "B" OR RECLAIMED PAVEMENT BORROW M1.09.0.
- 3) A TACK COAT CONSISTING OF ASPHALT EMULSION TYPE "RS-1" SHALL BE APPLIED OVER THE BINDER COURSE AT UNIFORM RATE OF 0.05 GALLONS PER SQUARE YARD IMMEDIATELY PRIOR TO INSTALLATION OF THE TOP COURSE.

BITUMINOUS CONCRETE PAVEMENT SECTION

NOT TO SCALE

FIGURE 7-2

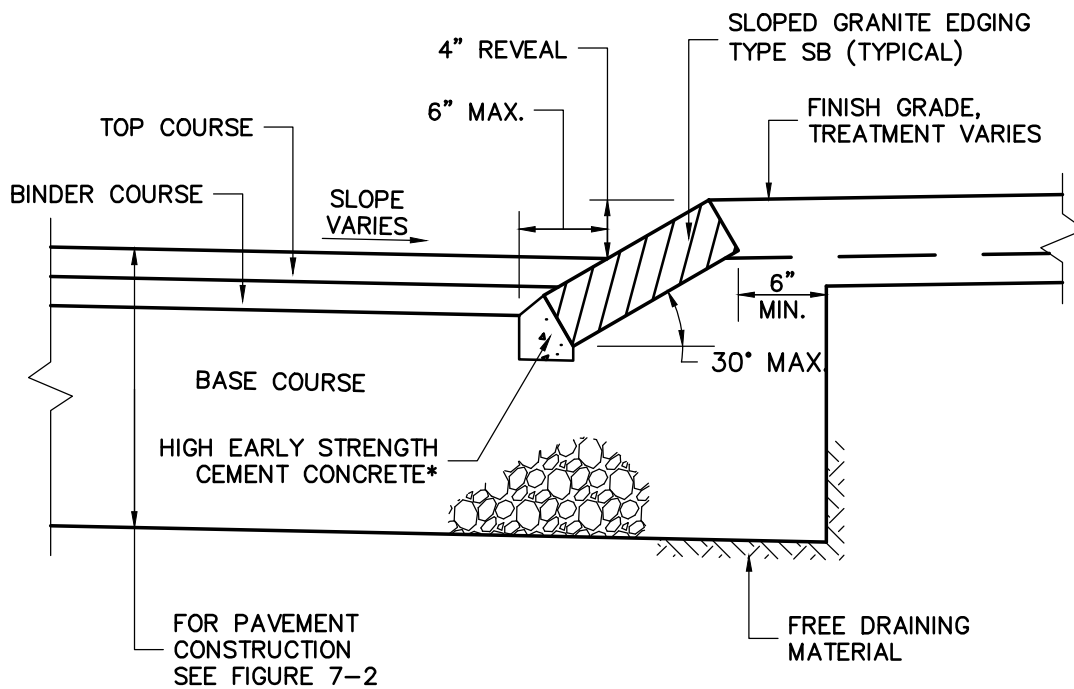


* - CEMENT CONCRETE TO BE USED IF CURB IS SET AFTER BASE AND/OR BINDER IS IN PLACE.

VERTICAL GRANITE CURB TYPE VA4

NOT TO SCALE

FIGURE 7-3

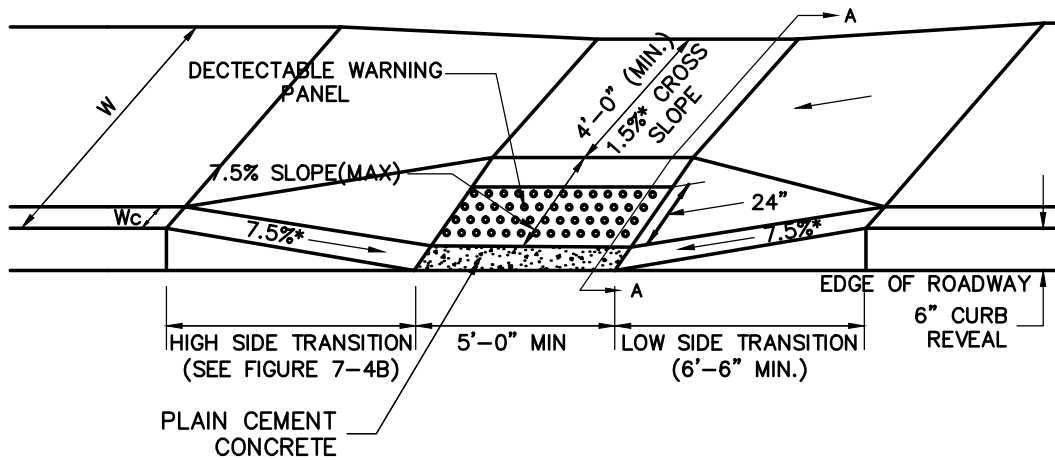


* - GRAVEL BASECOURSE TO BE PLACED PRIOR TO SETTING EDGING.

SLOPED GRANITE EDGING TYPE SB

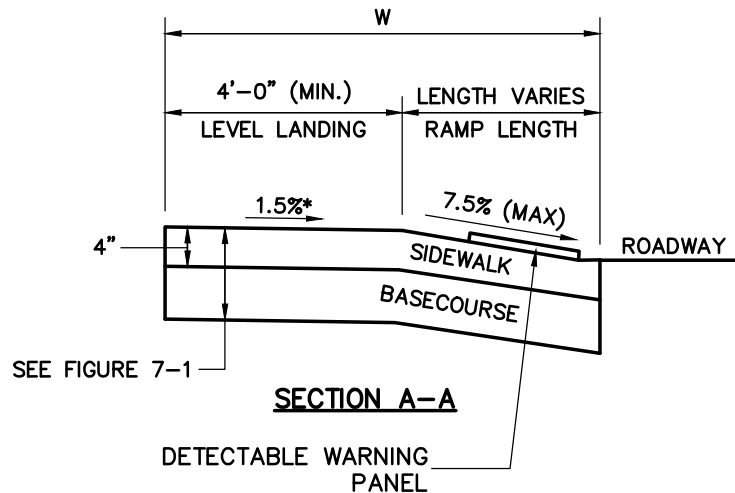
NOT TO SCALE

FIGURE 7-3A



LEGEND

- W = SIDEWALK WIDTH
- W_c = CURB WIDTH
- * = TOLERANCE FOR CONSTRUCTION ±0.5%
- USABLE SIDEWALK WIDTH PER AAB = W - W_c
- USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4'-0"

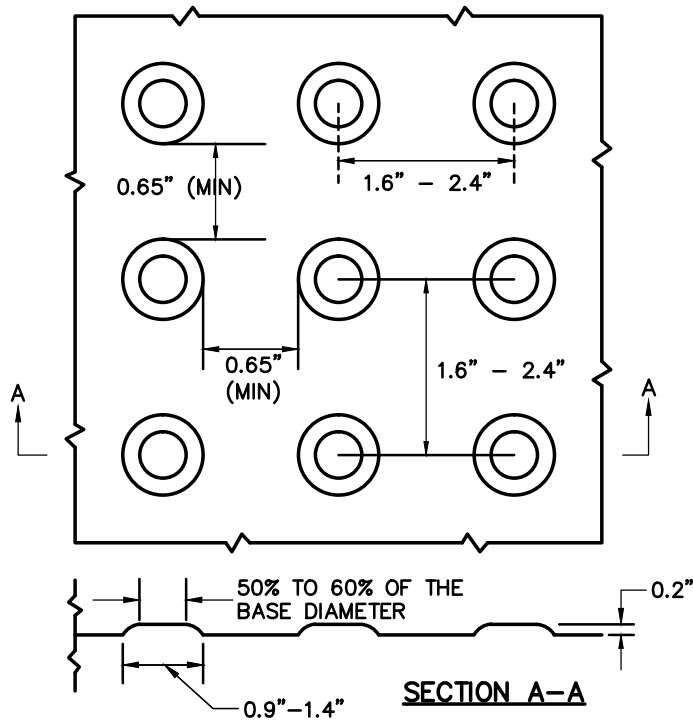
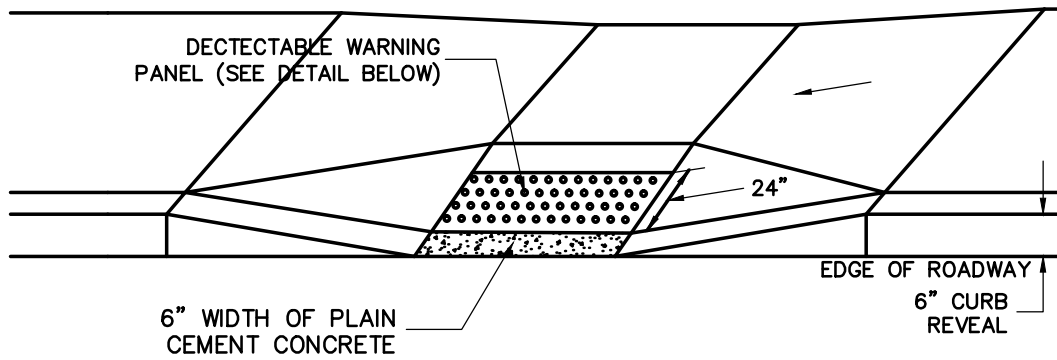


SIDEWALKS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE CURRENT REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD, THE AMERICANS WITH DISABILITIES ACT AND THE CURRENT MASSHIGHWAY CONSTRUCTION STANDARDS.

CONCRETE WHEELCHAIR RAMPS

NOT TO SCALE

FIGURE 7-4



PANELS MAY BE CONCRETE PRECAST OR CAST IN PLACE OR OTHER SUITABLE MATERIAL PERMANENTLY APPLIED TO THE RAMP. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

DETECTABLE WARNING PANELS FOR WHEELCHAIR RAMPS

NOT TO SCALE

FIGURE 7-4

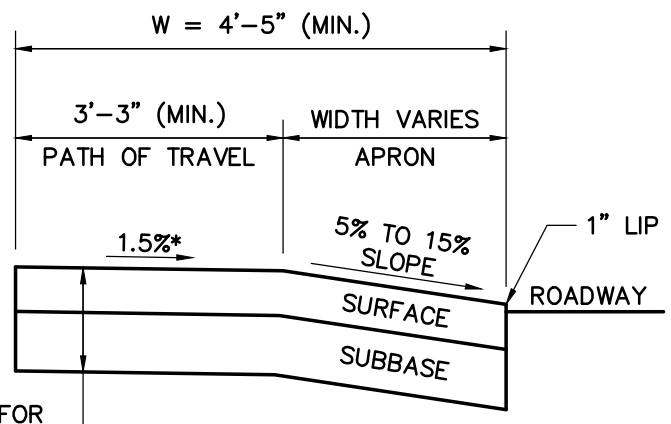
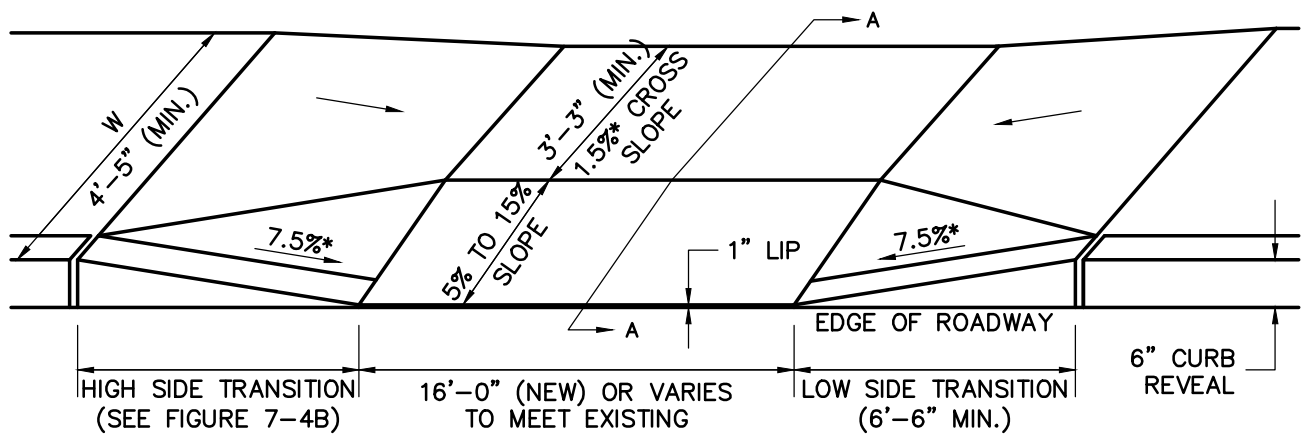
ROADWAY PROFILE GRADE (%)	*HIGH SIDE TRANSITION LENGTH
0	6'-6"
>0 TO 1	7'-8"
>1 TO 2	9'-0"
>2 TO 3	11'-0"
>3 TO 4	14'-0"
>4	15'-0" (MAX)

NOTE:

- * BASED ON DESIGN SLOPE OF 7.5% AND A CURB REVEAL OF 6"

**CURB TRANSITION LENGTH FOR
WHEELCHAIR RAMPS**

**NOT TO SCALE
FIGURE 7-4B**



SEE DETAIL RS.23 FOR SIDEWALK CONSTRUCTION

SECTION A-A

$W =$ SIDEWALK WIDTH

* = TOLERANCE FOR CONSTRUCTION $\pm 0.5\%$

DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE CURRENT REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD, THE AMERICANS WITH DISABILITIES ACT AND THE CURRENT MASSHIGHWAY CONSTRUCTION STANDARDS.

CEMENT CONCRETE SIDEWALK THROUGH DRIVEWAYS
NO CURB RETURNS

NOT TO SCALE
 FIGURE 7-5