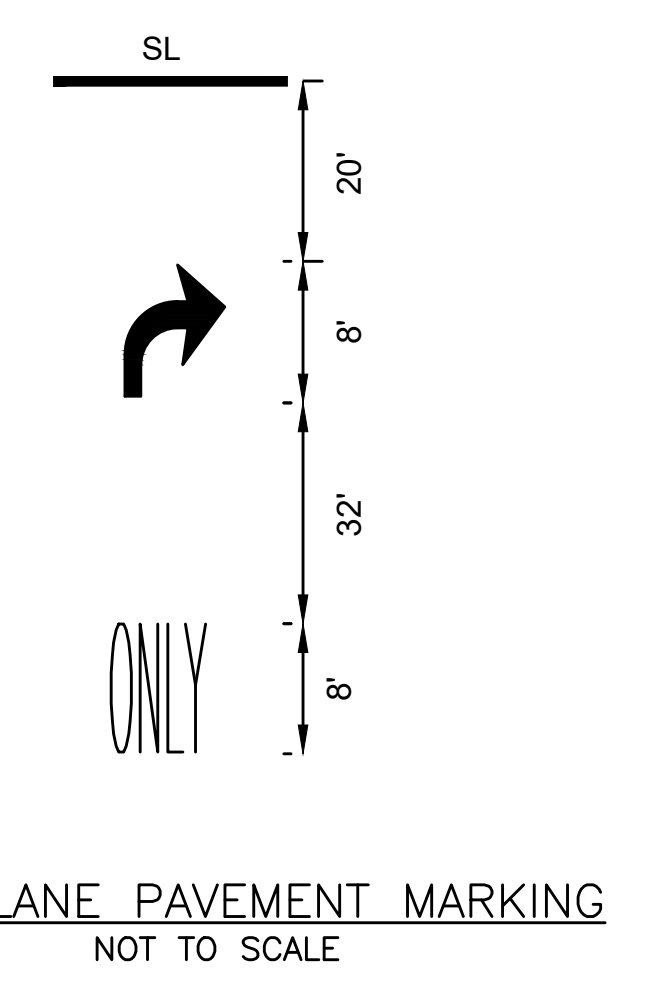
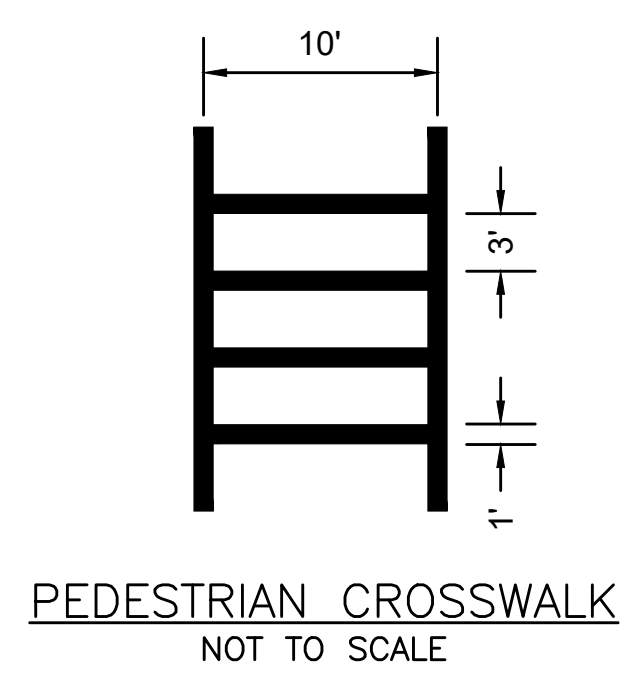
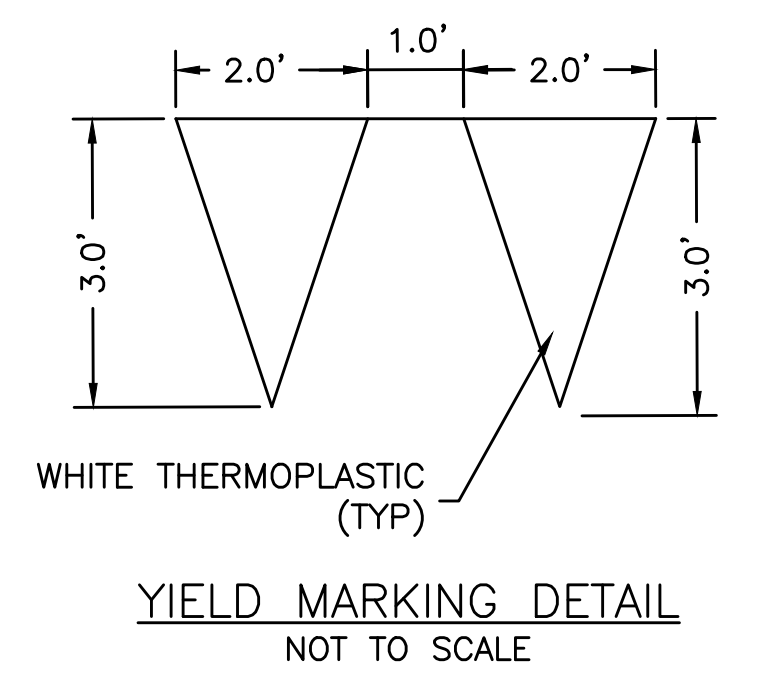
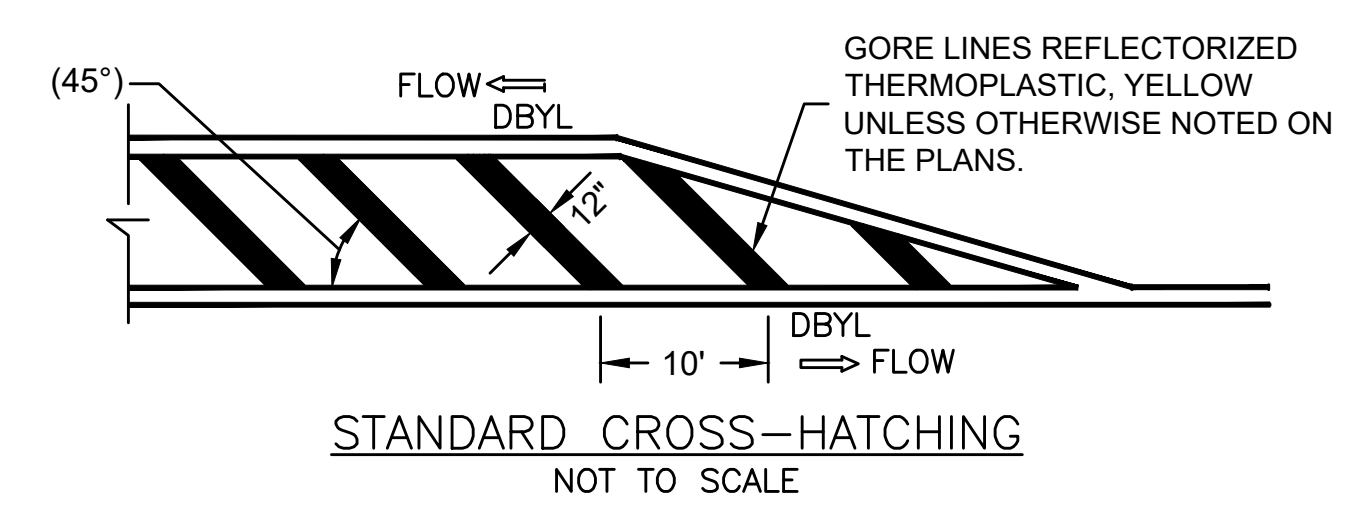
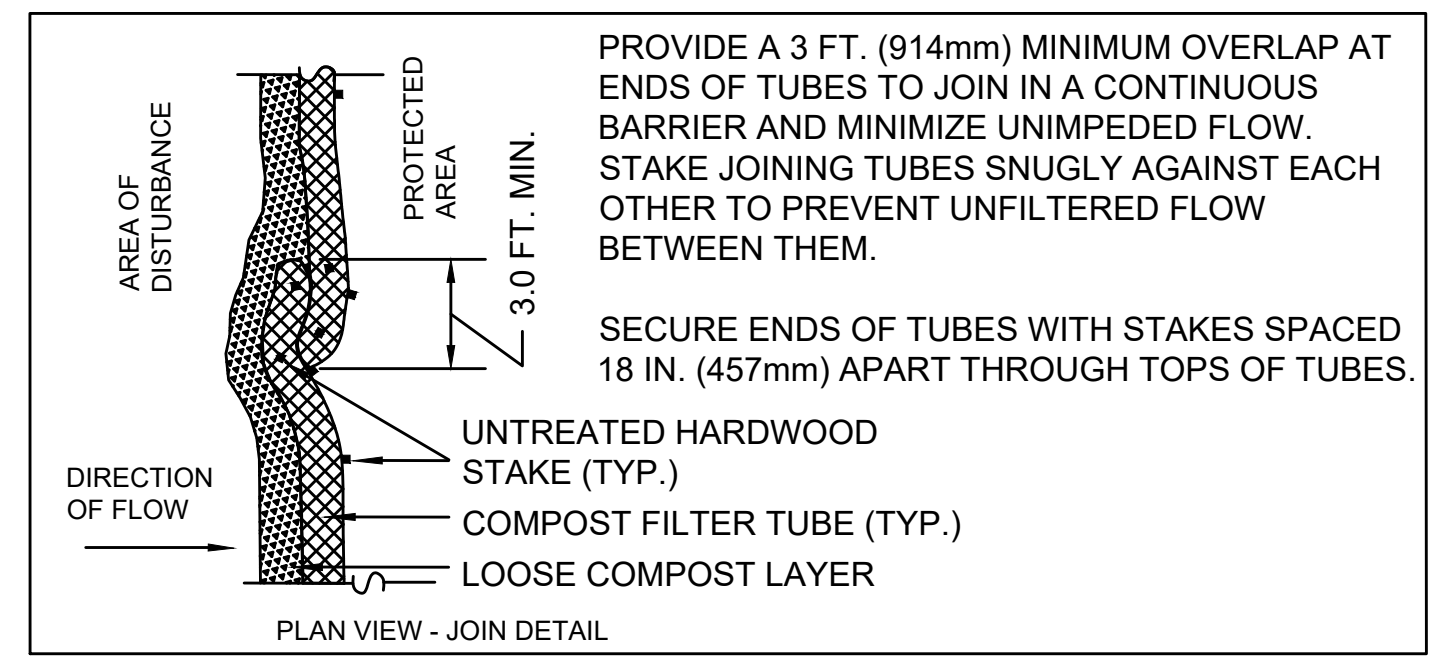
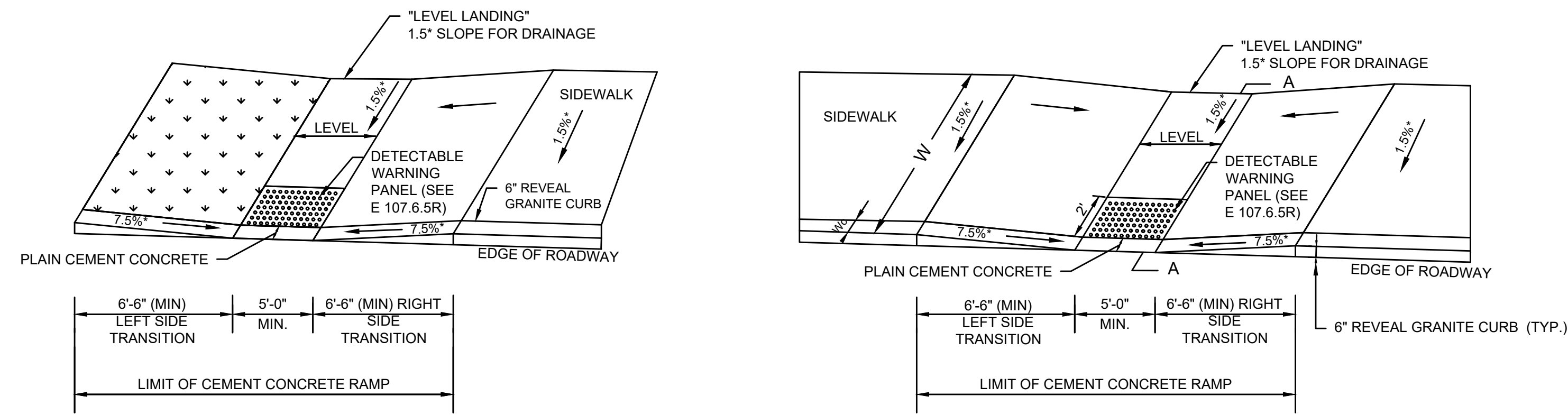


- GENERAL NOTES:**
1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
 2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
 3. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
 4. CONFIGURE TUBES AROUND EXISTING SITE FEATURES TO MINIMIZE SITE DISTURBANCE AND MAXIMIZE CAPTURE AREA OF STORMWATER RUN-OFF.

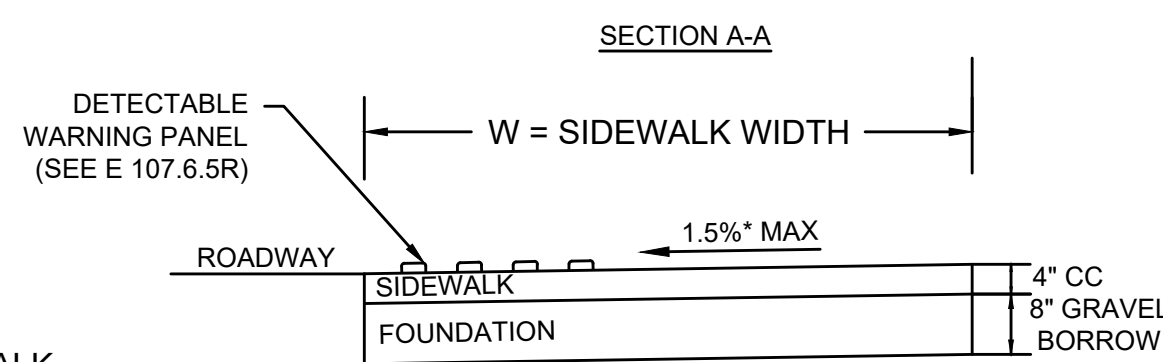




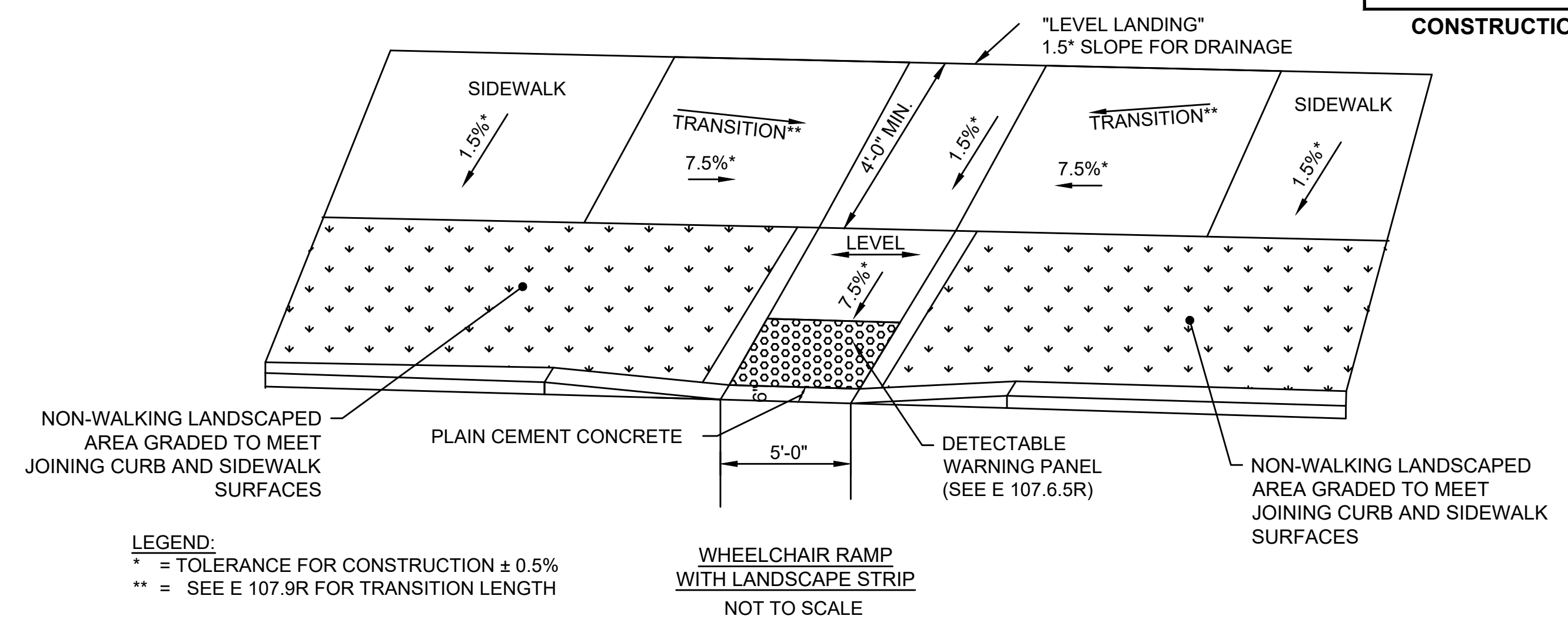
LEGEND:
HSL = HIGH SIDE TRANSITION (SEE E 107.9.0R)
W = SIDEWALK WIDTH
Wc = CURB WIDTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION ±0.5%

USEABLE SIDEWALK WIDTH PER AAB = W-WC

**WHEELCHAIR RAMPS ON NARROW SIDEWALK
WITH DETECTABLE WARNING PANEL
NOT TO SCALE**



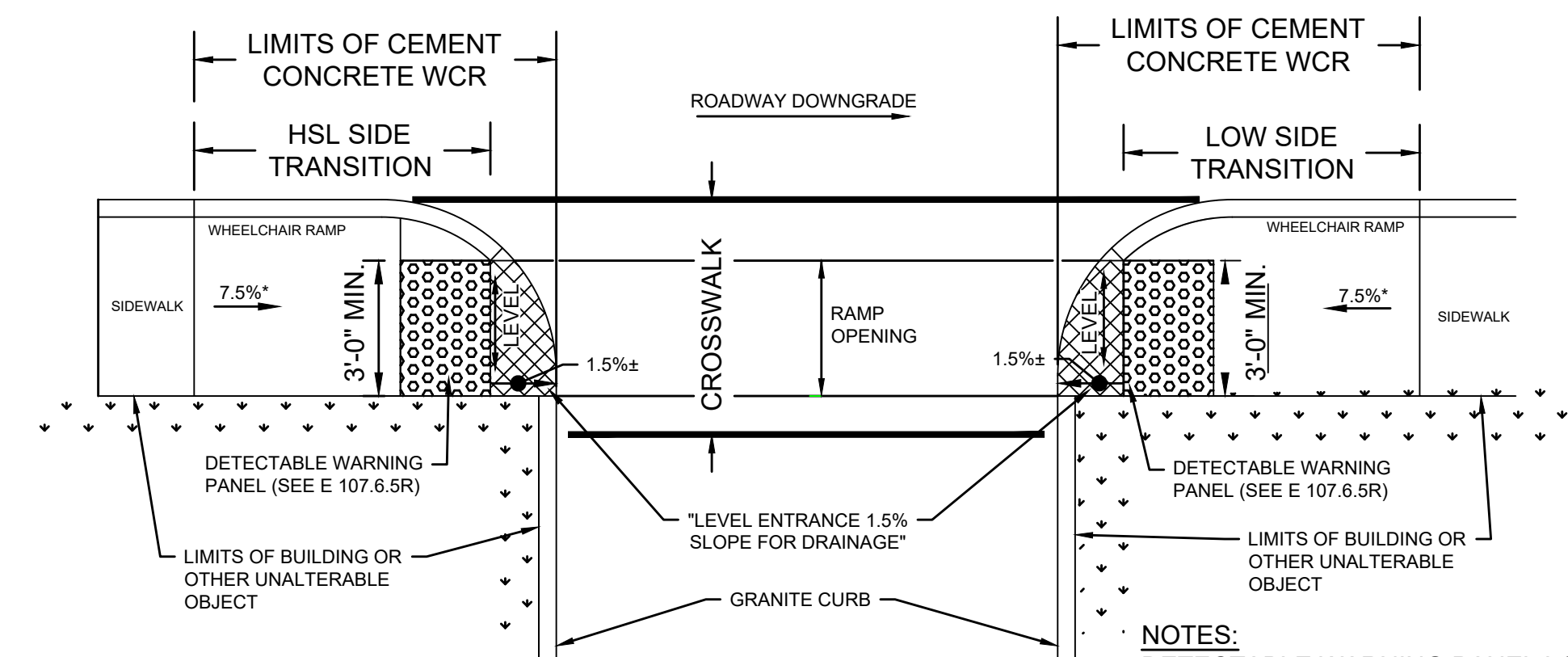
WHEELCHAIR RAMPS ON NARROW SIDEWALK WITH DETECTABLE WARNING PANEL (E107.2.1R)											
WCR #	ROADWAY ELEV. AT RAMP ϵ	RAMP REFERENCE POINT			LENGTH OF PRIMARY RAMP	WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE	DEPTH OF LEVEL LANDING	TRANSITION		GUTTER SLOPE
		STREET	STATION	OFFSET					LEFT SIDE	RIGHT SIDE	
1	199.17	ROUTE 30 (SOUTH AVE)	11+28	14' RT	-	10'-0"	10'-0"	10'-0"	7'-8"	-	1.70% ±
2	198.38	ROUTE 30 (SOUTH AVE)	11+28	14' LT	-	10'-0"	10'-0"	10'-0"	-	-	-0.62% ±
4	199.02	ROUTE 30 (SOUTH AVE)	35+15	14' LT	-	-	5'-0"	5'-0"	-	-	-0.34% ±
16	228.09	ROUTE 30 (SOUTH AVE)	109+68	53' RT	-	10'-0"	10'-0"	10'-0"	-	9'-0"	-1.73% ±
28	120.52	ROUTE 30 (SOUTH AVE)	242+50	14' RT	-	10'-0"	10'-0"	10'-0"	-	6'-6"	2.05% ±
29	121.71	ROUTE 30 (SOUTH AVE)	242+50	37' LT	-	10'-0"	10'-0"	10'-0"	-	7'-8"	1.23% ±
30	116.78	ROUTE 30 (SOUTH AVE)	246+05	32' RT	-	5'-0"	5'-0"	5'-0"	6'-6"	-	3.27% ±
31	117.03	ROUTE 30 (SOUTH AVE)	246+10	35' LT	-	10'-0"	10'-0"	10'-0"	14'-0"	6'-6"	3.96% ±
34	252.27	ROUTE 30 (SOUTH AVE)	192+35	25' LT	-	-	5'-0"	5'-0"	-	-	-0.40% ±
36	228.20	ROUTE 30 (SOUTH AVE)	109+40	26' RT	-	10'-0"	10'-0"	10'-0"	6'-6"	6'-6"	-0.40% ±
37	228.05	ROUTE 30 (SOUTH AVE)	110+50	18' LT	-	5'-0"	5'-0"	5'-0"	-	-	-0.50% ±
38	228.03	ROUTE 30 (SOUTH AVE)	110+50	30' LT	-	5'-0"	5'-1"	5'-1"	6'-6"	6'-6"	-0.50% ±
39	212.80	ROUTE 30 (SOUTH AVE)	65+65	14' LT	-	5'-0"	5'-0"	5'-0"	-	-	2.12% ±



LEGEND:
* = TOLERANCE FOR CONSTRUCTION ± 0.5%
** = SEE E 107.9R FOR TRANSITION LENGTH

**WHEELCHAIR RAMP
WITH LANDSCAPE STRIP
NOT TO SCALE**

WHEELCHAIR RAMP WITH LANDSCAPED STRIP (E107.6.9)											
WCR #	ROADWAY ELEV. AT RAMP ϵ	RAMP REFERENCE POINT			LENGTH OF PRIMARY RAMP	WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE	DEPTH OF LEVEL LANDING	TRANSITION		GUTTER SLOPE
		STREET	STATION	OFFSET					LEFT SIDE	RIGHT SIDE	
3	198.98	ROUTE 30 (SOUTH AVE)	35+15	14' RT	6'-6"	5'-0"	5'-0"	5'-0"	-	-	0.39% ±
17	227.87	ROUTE 30 (SOUTH AVE)	110+22	61' RT	6'-6"	10'-0"	10'-0"	10'-0"	-	-	-0.22% ±
20	275.87	ROUTE 30 (SOUTH AVE)	178+50	14' RT	4'-6"	5'-0"	5'-0"	-	6'-6"	7'-8"	0.66% ±
21	275.74	ROUTE 30 (SOUTH AVE)	178+50	14' RT	9'-0"	5'-0"	5'-0"	-	-	-	0.39% ±
24	250.81	ROUTE 30 (SOUTH AVE)	192+74	29' RT	14'-0"	10'-0"	10'-0"	-	-	-	2.85% ±
35	251.84	ROUTE 30 (SOUTH AVE)	192+33	14' RT	6'-6"	5'-0"	5'-0"	-	-	-	2.50% ±
40	212.8100	ROUTE 30 (SOUTH AVE)	65+65	14' RT	8'-8"	5'-0"	5'-0"	-	-	-	2.17% ±



LEGEND:
HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0)
* = TOLERANCE FOR CONSTRUCTION ±0.5%

**WHEELCHAIR RAMP FOR ONE CONTINUOUS
DIRECTION OF PEDESTRIAN TRAVEL (E 107.6.0)
NOT TO SCALE**

NOTES:
DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE). TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.

FOR DETAILS OF TRUNCATED DOMES SEE DRAWING E 107.6.5.

ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.

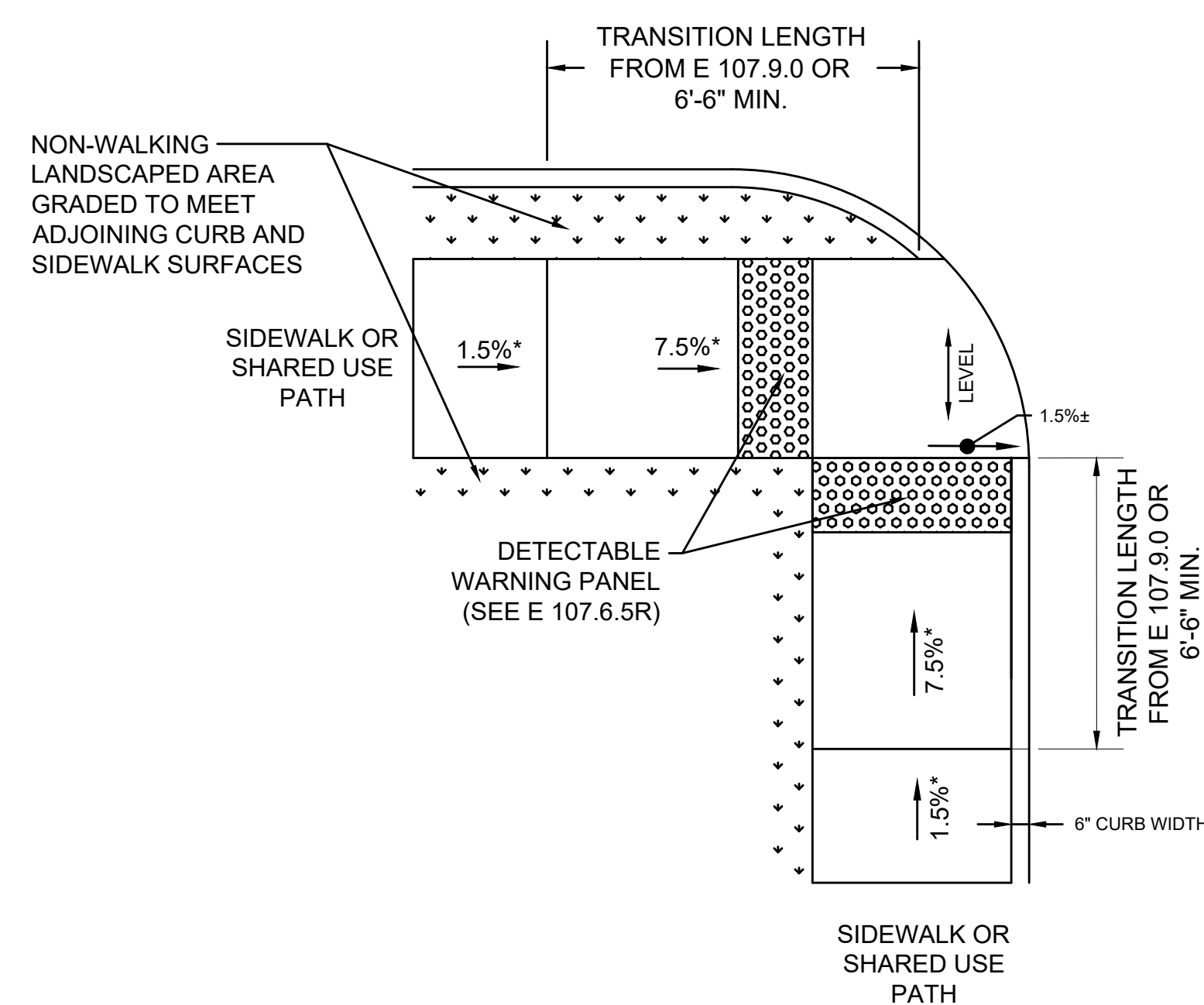
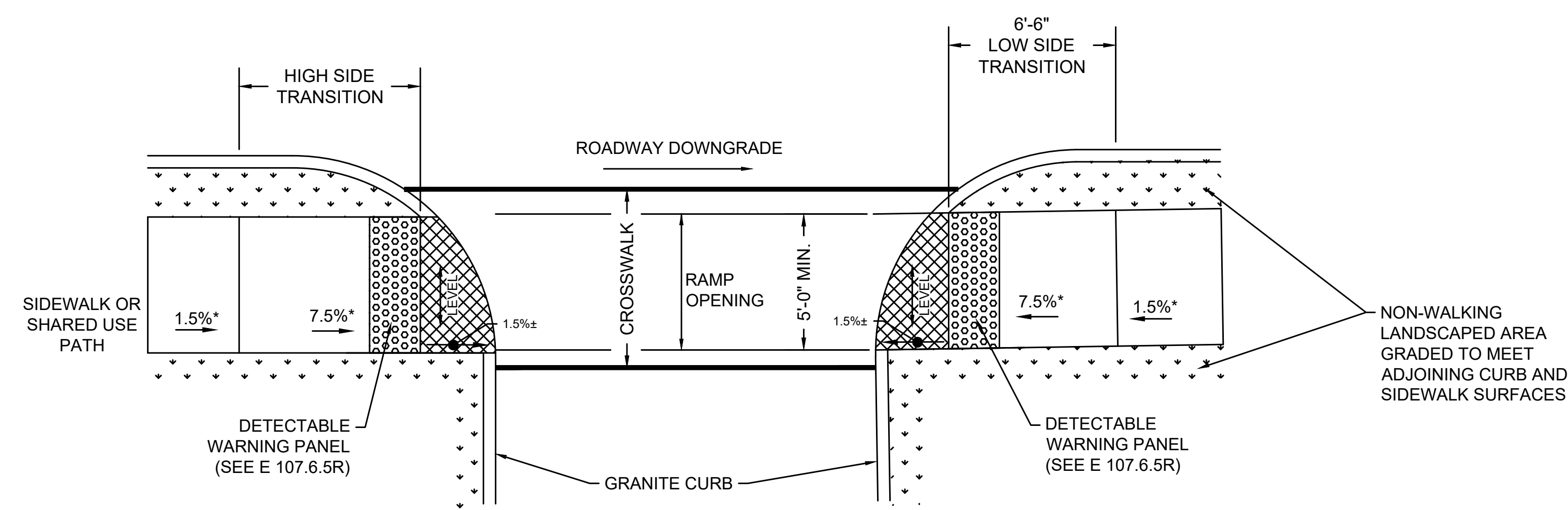
IF RADIUS OF CURVE PLACES THE DETECTABLE WARNING PANEL OUTSIDE 5' OF RAMP ENTRANCE, THE WARNING PANEL SHALL BE ANGLED ACROSS THE RAMP OPENING.

WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL (E 107.6.0)											
WCR #	ROADWAY ELEV. AT RAMP ϵ	RAMP REFERENCE POINT			LENGTH OF PRIMARY RAMP	WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE	DEPTH OF LEVEL LANDING	TRANSITION		GUTTER SLOPE
		STREET	STATION	OFFSET					LEFT SIDE	RIGHT SIDE	
8	199.7800	BROWN STREET	401+17	17' RT	6'-6"	5'-0"	3'-0"	-	-	-	0.53% ±
22	269.5400	ROUTE 30 (SOUTH AVE)	186+60	14' RT	14'-0"	10'-0"	8'-4"	-	-	-	4.38% ±
25	249.1900	ROUTE 30 (SOUTH AVE)	193+51	27' RT	6'-6"	10'-0"	10'-0"	10'-0"	6'-6"	-	2.81% ±

WESTON
SOUTH AVENUE (ROUTE 30)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	188	396
PROJECT FILE NO.		608954	

CONSTRUCTION DETAILS



LEGEND:

HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0)
* = TOLERANCE FOR CONSTRUCTION ±0.5%

NOTES:

TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.

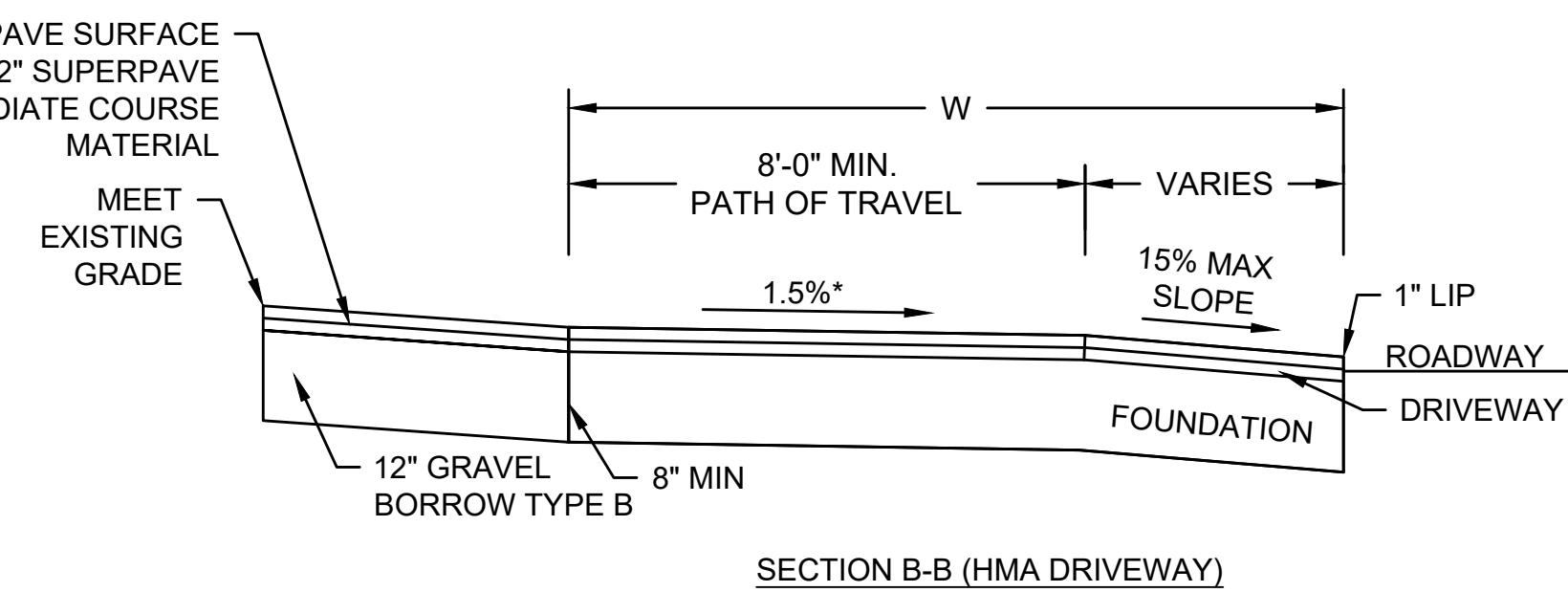
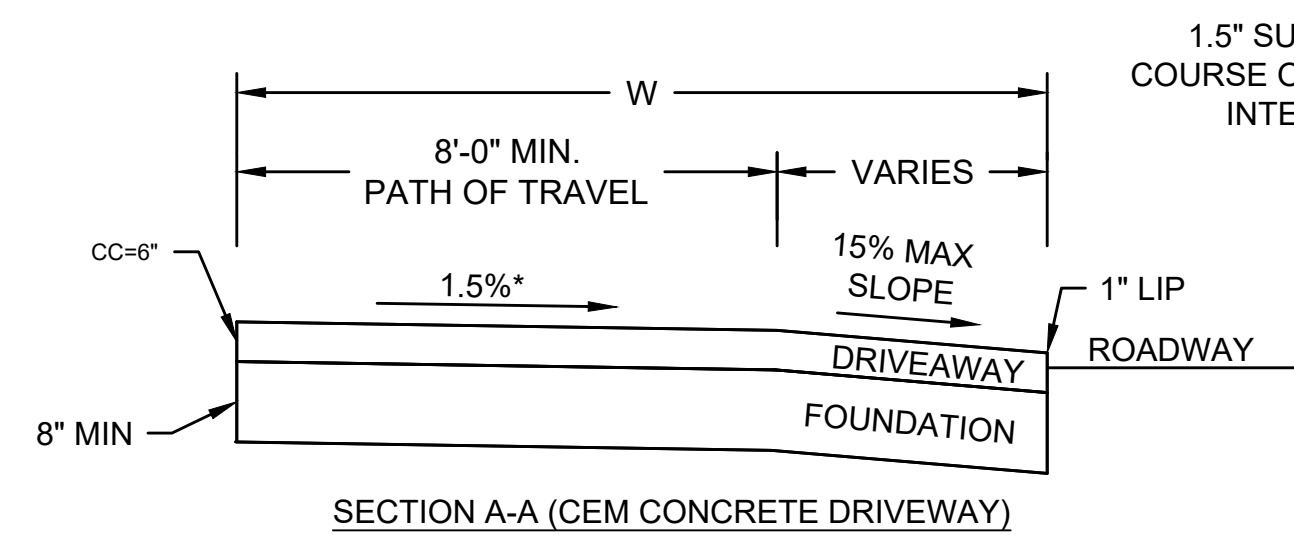
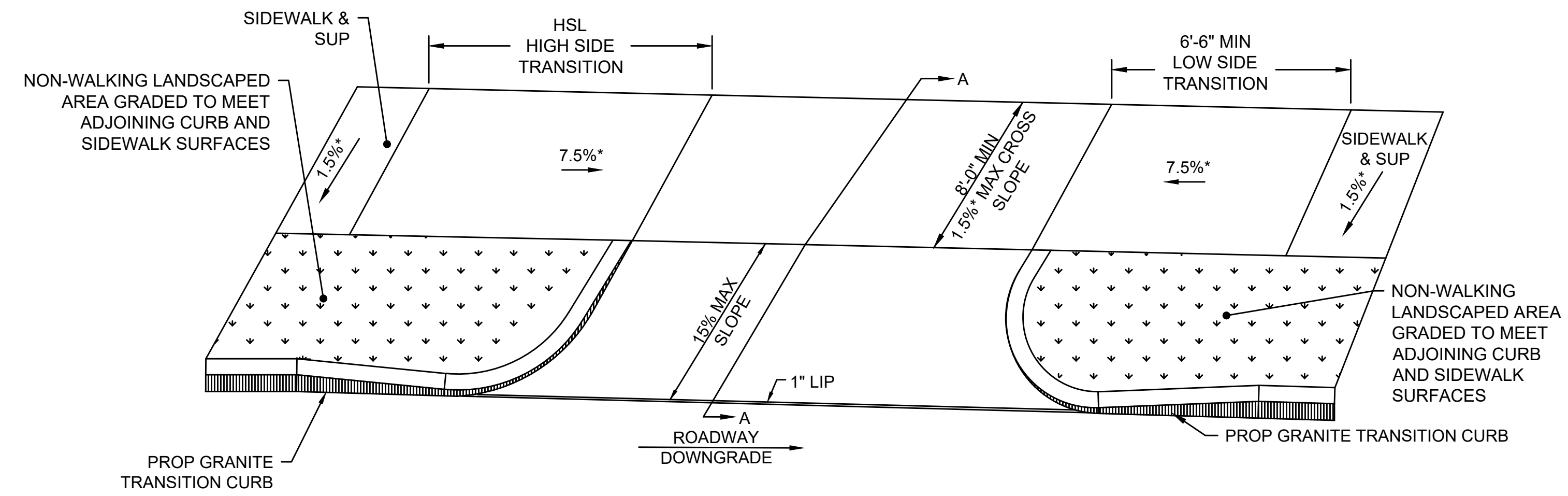
FOR DETAILS OF TRUNCATED DOMES SEE DRAWING E 107.6.5.

ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.

IF RADIUS OF CURVE PLACES THE DETECTABLE WARNING PANEL OUTSIDE 5' OF RAMP ENTRANCE, THE WARNING PANEL SHALL BE ANGLED ACROSS THE RAMP OPENING.

MODIFIED WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL WITH LANDSCAPE STRIP
NOT TO SCALE

WCR #	ROADWAY ELEV. AT RAMP ϵ	RAMP REFERENCE POINT			LENGTH OF PRIMARY RAMP	WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE	DEPTH OF LEVEL LANDING	TRANSITION		GUTTER SLOPE
		STREET	STATION	OFFSET					LEFT SIDE	RIGHT SIDE	
5	200.2	ROUTE 30 (SOUTH AVE)	42+67	28' RT	6'-6"	10'-0"	10'-0"	-	-	6'-6"	0.22% ±
6	200.2	ROUTE 30 (SOUTH AVE)	43+06	27' RT	6'-6"	10'-0"	10'-0"	-	6'-6"	-	0.22% ±
7	199.8	ROUTE 30 (SOUTH AVE)	43+79	29' RT	-	5'-0"	5'-0" TO 10'-0"	-	6'-6"	7'-8"	-0.96% ±
9	199.3	ROUTE 30 (SOUTH AVE)	44+43	31' RT	6'-6"	10'-0"	10'-0"	-	6'-6"	-	-0.96% ±
10	211.0	ROUTE 30 (SOUTH AVE)	64+64	27' RT	6'-6"	10'-0"	10'-0"	-	-	11'-0"	-2.13% ±
11	212.5	ROUTE 30 (SOUTH AVE)	65+13	29' RT	11'-0"	10'-0"	10'-0"	-	6'-6"	-	-2.13% ±
12	229.2	ROUTE 30 (SOUTH AVE)	72+71	22' LT	6'-6"	5'-0"	5'-0"	-	6'-6"	-	0.64% ±
13	230.5	ROUTE 30 (SOUTH AVE)	73+23	27' LT	6'-6"	5'-0"	5'-0"	-	-	6'-6"	0.64% ±
14	229.76	ROUTE 30 (SOUTH AVE)	73+71	14' LT	6'-6"	5'-0"	5'-0"	-	-	-	-0.49% ±
15	229.09	ROUTE 30 (SOUTH AVE)	73+71	14' RT	5'-10"	5'-0"	5'-0"	-	-	-	0.50% ±
18	276.76	ROUTE 30 (SOUTH AVE)	176+27	15' RT	7'-8"	10'-0"	10'-0"	-	-	-	-0.67% ±
19	276.74	ROUTE 30 (SOUTH AVE)	176+26	50' RT	6'-6"	10'-0"	10'-0"	-	-	-	-0.67% ±
23	276.76	ROUTE 30 (SOUTH AVE)	187+00	23' RT	6'-6"	10'-0"	10'-0"	-	-	-	4.37% ±
26	111.28	ROUTE 30 (SOUTH AVE)	232+92	22' RT	7'-8"	10'-0"	10'-0"	-	-	-	0.72% ±
27	111.18	ROUTE 30 (SOUTH AVE)	233+60	23' RT	6'-6"	10'-0"	10'-0"	-	-	-	0.57% ±
32	221.27	ROUTE 30 (SOUTH AVE)	79+35	22' LT	7'-8"	4'-6"	4'-6"	-	-	-	-0.99% ±
33	220.64	ROUTE 30 (SOUTH AVE)	79+71	22' LT	6'-6"	4'-6"	4'-6"	-	-	-	0.13% ±



- LEGEND:**
- HSL = HIGH SIDE TRANSITION (SEE E 107.9.0R)
 - W = SIDEWALK WIDTH
 - * = TOLERANCE FOR CONSTRUCTION ±0.5%
 - CC = CEMENT CONCRETE
 - HMA = HOT MIX ASPHALT

- NOTES:**
- * CONSTRUCTION TOLERANCE ±0.5%

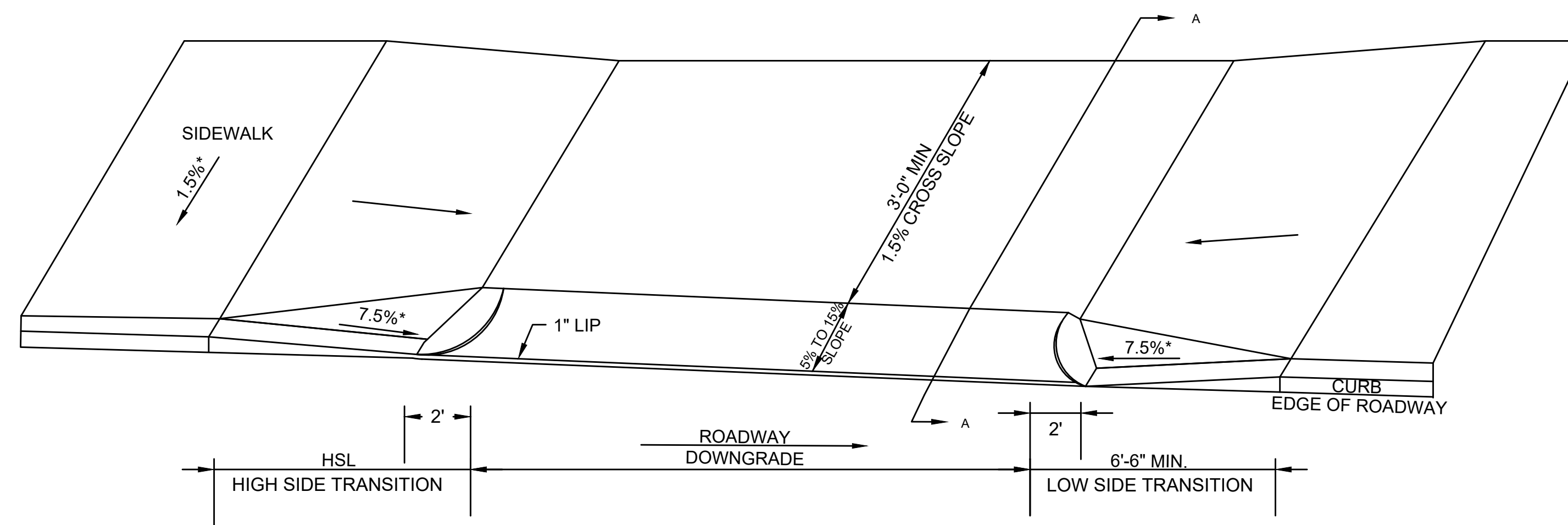
SHARED USE PATH THROUGH DRIVEWAYS WITH LANDSCAPE STRIP
NOT TO SCALE

DRIVEWAY #	DRIVEWAY REFERENCE POINT			TRANSITION		ROADWAY ELEV. AT DRIVEWAY ϵ	WIDTH OF OPENING	GUTTER SLOPE
	STREET	STATION	OFFSET	LEFT	RIGHT			
12	ROUTE 30 (SOUTH AVE)	40+04	14' RT	6'-6"	6'-6"	199.9	60.4'	-0.58% ±
30	ROUTE 30 (SOUTH AVE)	71+22	14' RT	11'-0"	6'-6"	225.2	65.7'	-2.60% ±
31	ROUTE 30 (SOUTH AVE)	73+41	14' RT	6'-6"	6'-6"	229.3	37.1'	0.12% ±
32	ROUTE AVE (SOUTH AVE)	74+19	14' RT	9'-0"	6'-6"	228.7	40.1'	1.64% ±
34	ROUTE 30 (SOUTH AVE)	75+97	14' RT	6'-6"	9'-0"	225.7	65.1'	1.25% ±
36	ROUTE 30 (SOUTH AVE)	78+52	14' RT	6'-6"	9'-0"	221.9	30.8'	1.67% ±
37	ROUTE 30 (SOUTH AVE)	79+52	14' RT	6'-6"	6'-6"	221.0	38.7'	0.48% ±
39	ROUTE 30 (SOUTH AVE)	82+47	14' RT	11'-0"	6'-6"	225.4	39.7'	2.62% ±
40	ROUTE 30 (SOUTH AVE)	103+32	16' RT	7'-8"	6'-6"	228.6	21.6'	-0.57% ±
45	ROUTE 30 (SOUTH AVE)	167+36	14' RT	14'-0"	6'-6"	195.7	32.7'	-3.70% ±
47	ROUTE 30 (SOUTH AVE)	179+33	14' RT	6'-6"	7'-8"	275.6	76.8'	0.24% ±
48	ROUTE 30 (SOUTH AVE)	181+98	14' RT	7'-8"	6'-6"	277.59	61.4'	-0.81% ±
49	ROUTE 30 (SOUTH AVE)	184+29	14' RT	11'-0"	6'-6"	275.13	50.0'	2.25% ±
51	ROUTE 30 (SOUTH AVE)	189+81	14' RT	11'-0"	6'-6"	258.17	42.6'	2.57% ±
52	ROUTE 30 (SOUTH AVE)	190+50	14' RT	11'-0"	6'-6"	256.40	42.9'	2.56% ±
53	ROUTE 30 (SOUTH AVE)	191+05	14' RT	11'-0"	6'-6"	254.99	45.4'	2.48% ±
58	ROUTE 30 (SOUTH AVE)	204+08	14' RT	6'-6"	15'-0"	185.04	34.6'	5.69% ±
61	ROUTE 30 (SOUTH AVE)	207+15	14' RT	6'-6"	11'-0"	174.13	44.4'	2.98%
63	ROUTE 30 (SOUTH AVE)	209+90	14' RT	6'-6"	9'-0"	168.65	31.0'	1.59% ±
67	ROUTE 30 (SOUTH AVE)	216+15	14' RT	6'-6"	11'-0"	151.25	35.7'	3.76% ±
69	ROUTE 30 (SOUTH AVE)	218+01	14' RT	3'-3" (3" REVEAL)	15'-0"	142.14	31.8'	5.86% ±
70	ROUTE 30 (SOUTH AVE)	218+42	14' RT	6'-6"	7'-6" (3" REVEAL)	139.27	32.8'	5.86% ±
73	ROUTE 30 (SOUTH AVE)	221+83	14' RT	6'-6"	11'-0"	124.87	42.7'	2.14% ±
75	ROUTE 30 (SOUTH AVE)	224+35	14' RT	6'-6"	9'-0"	120.65	40.9'	1.46% ±
76	ROUTE 30 (SOUTH AVE)	225+14	14' RT	6'-6"	9'-0"	119.50	15.2'	1.25% ±
77	ROUTE 30 (SOUTH AVE)	227+89	14' RT	9'-0"	3'-3" (3" REVEAL)	115.54	44.6'	1.53% ±
78	ROUTE 30 (SOUTH AVE)	228+37	14' RT	4'-6" (3" REVEAL)	6'-6"	114.42	42.3'	1.53% ±

WESTON
SOUTH AVENUE (ROUTE 30)

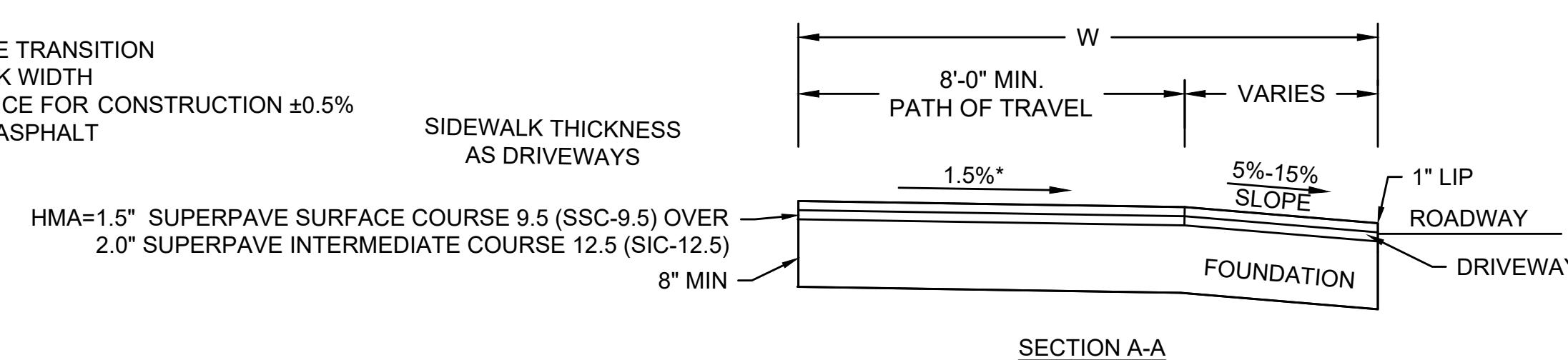
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	190	396
PROJECT FILE NO.		608954	

CONSTRUCTION DETAILS



LEGEND:

- HSL = HIGH SIDE TRANSITION
- W = SIDEWALK WIDTH
- * = TOLERANCE FOR CONSTRUCTION ±0.5%
- HMA = HOT MIX ASPHALT



SIDEWALK THROUGH DRIVEWAYS WITH CURB RETURNS
NOT TO SCALE

SHARED USE PATH THROUGH DRIVEWAYS WITH CURB RETURNS

DRIVEWAY #	DRIVEWAY REFERENCE POINT			TRANSITION		WIDTH OF SIDEWALK	WIDTH OF PED TRAVEL PATH	ROADWAY ELEV. AT DRIVEWAY ¶	WIDTH OF OPENING	GUTTER SLOPE
	STREET	STATION	OFFSET	LEFT	RIGHT					
19	ROUTE 30 (SOUTH AVE)	54+46	14' RT	9'-0"	6'-6"	10'-0"	8'-0"	202.5	249.6	-1.12% ±
21	ROUTE 30 (SOUTH AVE)	55+09	14' RT	9'-0"	6'-6"	10'-0"	8'-0"	203.7	23.8'	-1.62% ±
23	ROUTE 30 (SOUTH AVE)	56+44	14' RT	9'-0"	6'-6"	10'-0"	8'-0"	206.1	25.6'	-1.98% ±
24	ROUTE 30 (SOUTH AVE)	58+21	14' RT	9'-0"	6'-6"	10'-0"	8'-0"	209.2	27.8'	-1.78% ±
26	ROUTE 30 (SOUTH AVE)	60+22	14' RT	7'-8"	6'-6"	10'-0"	8'-0"	211.7	22.4'	-0.36% ±
28	ROUTE 30 (SOUTH AVE)	61+04	14' RT	6'-6"	7'-8"	10'-0"	8'-0"	211.6	17.9'	0.44% ±
59	ROUTE 30 (SOUTH AVE)	205+87	14' RT	6'-6"	11'-0"	10'-0"	10'-0"	178.25	41.5'	2.82% ±
65	ROUTE 30 (SOUTH AVE)	212+00	14' RT	6'-6"	11'-0"	10'-0"	10'-0"	164.60	39.8'	2.06% ±
71	ROUTE 30 (SOUTH AVE)	219+74	14' RT	6'-6"	15'-0"	9'-0"	10'-0"	132.35	30.8'	4.97% ±
82	ROUTE 30 (SOUTH AVE)	246+38	33' LT	-	-	5'-0" TO 10'-0"	5'-0" TO 10'-0"	115.55	22'-9.6000"	-2.16% ±