

PLOS - PEDESTRIAN FACILITY ALTERNATIVE MMLoS ANALYSIS COMPARISON BASED ON HIGHWAY CAPACITY MANUAL 2010 EQUATION 17-31

Dir	Road Name	From	To	Traffic				v _m (vph)	Lanes		Dir Lanes N _{th}	Speed (mph)	Width of Pavement		P _{pk}	Buffer		Tree Spacing in Buffer (ft on ctr)	f _b	Swalk		Swalk Pres. (f _{sw})	Equation 17-32 through 17-34 Term Calculations			Pedestrian LOS	
				Length (mi)	Volume ADT (vpd)	Dir. Factor (D)	Hourly Factor (Kd)		Th	Med			W _v (ft)	W ₁ (ft)		in feet (W _{buf})	in feet (WaA)			F _w	F _v		F _s	Value	Grade		
																										Width	Width
Existing Conditions																											
EB	Hollywood Blvd	City Hall Circle	N 24th Avenue	0.1926	19,500	0.52	0.09	916	4	U	2	35	11	17	0.90	5	30	4.1	8.5	3.5	-5.82	1.042	0.490	1.76	A		
WB	Hollywood Blvd	City Hall Circle	N 24th Avenue	0.1926	19,500	0.52	0.09	916	4	U	2	35	12	16	0.50	5	30	4.1	8.5	3.5	-5.59	1.042	0.490	1.99	A		
EB	Hollywood Blvd	N 24th Avenue	S 22nd Ave	0.2068	19,500	0.52	0.09	916	4	U	2	35	12	16	0.50	5	30	4.1	8.5	3.5	-5.59	1.042	0.490	1.99	A		
WB	Hollywood Blvd	N 24th Avenue	S 22nd Ave	0.2068	19,500	0.52	0.09	916	4	U	2	35	12	16	0.30	5	30	4.1	8.5	3.5	-5.45	1.042	0.490	2.13	B		
EB	Hollywood Blvd	S 22nd Ave	Dixie Highway	0.0994	19,500	0.52	0.09	916	4	U	2	35	11	17	0.80	6	30	4.1	7.0	3.9	-5.79	1.042	0.490	1.79	A		
WB	Hollywood Blvd	S 22nd Ave	Dixie Highway	0.0994	19,500	0.52	0.09	916	4	U	2	35	11	17	0.50	5	30	4.1	9.0	3.3	-5.59	1.042	0.490	1.99	A		
EB	Sunset Strip	NW 72nd Avenue	NW 68th Avenue	0.3460	18,100	0.57	0.09	929	4	D	2	30	10	0	0.00	30	34	3.8	4.0	4.8	-6.09	1.056	0.360	1.38	A		
WB	Sunset Strip	NW 72nd Avenue	NW 68th Avenue	0.3460	18,100	0.57	0.09	929	4	D	2	30	10	0	0.00	30	40	3.4	4.0	4.8	-5.98	1.056	0.360	1.48	A		
EB	Sunset Strip	NW 68th Avenue	NW 64th Avenue	0.2409	18,100	0.57	0.09	929	4	D	2	30	10	0	0.30	0	0	1.0	4.0	4.8	-4.65	1.056	0.360	2.81	C		
WB	Sunset Strip	NW 68th Avenue	NW 64th Avenue	0.2409	18,100	0.57	0.09	929	4	D	2	30	11	7	0.50	0	0	1.0	8.0	3.6	-5.18	1.056	0.360	2.28	B		
EB	Sunset Strip	NW 64th Avenue	NW 19th Street	0.2411	18,100	0.57	0.09	929	4	D	2	30	10	0	0.00	15	35	3.7	4.0	4.8	-5.45	1.056	0.360	2.01	B		
WB	Sunset Strip	NW 64th Avenue	NW 19th Street	0.2411	18,100	0.57	0.09	929	4	D	2	30	10	0	0.00	14	35	3.7	4.0	4.8	-5.39	1.056	0.360	2.07	B		
Proposed Conditions																											
EB	Hollywood Blvd	City Hall Circle	N 24th Avenue	0.1926	19,500	0.52	0.09	916	4	D	2	35	10	8	1.00	9	30	4.1	11.0	2.7	-5.98	1.042	0.490	1.60	A		
WB	Hollywood Blvd	City Hall Circle	N 24th Avenue	0.1926	19,500	0.52	0.09	916	4	D	2	35	10	8	0.75	9	30	4.1	11.0	2.7	-5.86	1.042	0.490	1.72	A		
EB	Hollywood Blvd	N 24th Avenue	S 22nd Ave	0.2068	19,500	0.52	0.09	916	4	D	2	35	10	8	0.75	9	30	4.1	11.0	2.7	-5.86	1.042	0.490	1.72	A		
WB	Hollywood Blvd	N 24th Avenue	S 22nd Ave	0.2068	19,500	0.52	0.09	916	4	D	2	35	10	8	0.50	9	30	4.1	11.0	2.7	-5.72	1.042	0.490	1.86	A		
EB	Hollywood Blvd	S 22nd Ave	Dixie Highway	0.0994	19,500	0.52	0.09	916	4	D	2	35	10	8	1.00	9	30	4.1	11.0	2.7	-5.98	1.042	0.490	1.60	A		
WB	Hollywood Blvd	S 22nd Ave	Dixie Highway	0.0994	19,500	0.52	0.09	916	4	D	2	35	10	8	0.75	9	30	4.1	11.0	2.7	-5.86	1.042	0.490	1.72	A		
EB	Sunset Strip	NW 72nd Avenue	NW 68th Avenue	0.3460	18,100	0.57	0.09	929	2	D	1	30	11	7	0.00	30	34	3.8	8.0	3.6	-6.20	2.112	0.360	2.32	B		
WB	Sunset Strip	NW 72nd Avenue	NW 68th Avenue	0.3460	18,100	0.57	0.09	929	2	D	1	30	11	7	0.00	30	40	3.4	8.0	3.6	-6.11	2.112	0.360	2.41	B		
EB	Sunset Strip	NW 68th Avenue	NW 64th Avenue	0.2409	18,100	0.57	0.09	929	2	D	1	30	11	7	0.50	0	0	1.0	8.0	3.6	-5.19	2.112	0.360	3.33	C		
WB	Sunset Strip	NW 68th Avenue	NW 64th Avenue	0.2409	18,100	0.57	0.09	929	2	D	1	30	11	22	0.50	0	0	1.0	8.0	3.6	-5.31	2.112	0.360	3.21	C		
EB	Sunset Strip	NW 64th Avenue	NW 19th Street	0.2411	18,100	0.57	0.09	929	2	D	1	30	11	7	0.00	15	35	3.7	8.0	3.6	-5.64	2.112	0.360	2.88	C		
WB	Sunset Strip	NW 64th Avenue	NW 19th Street	0.2411	18,100	0.57	0.09	929	2	D	1	30	11	7	0.00	14	35	3.7	8.0	3.6	-5.59	2.112	0.360	2.93	C		