Prioritization Tool for Installation of Accessible Pedestrian Signals, NCHRP 3-62, 2006

Crosswalk Worksheet

(Complete one sheet for each crosswalk)

Location:			Crosswalk Label:		
Crosswalk Width (select one)	Points	Score	Posted Speed Limit (select one)	Points	Score
< 40 ft	0		< 20 mph	0	
40 - 59 ft	1		25 mph	1	
60 - 79 ft	2		30 mph	2	
80 - 99 ft	3		35 mph	3	
100- 119 ft	4		40 mph	4	
≥ 120 ft	5		<u>≥</u> 45 mph	5	
Approach/Crosswalk Geometrics (select all that apply)				Points	Score
Curb radius> 25 ft (either corner)					
Islands or medians (painted, raised or cut-through)					
Transverse (cross) slope on crosswalk					
Apex (diagonal) curb ramp (either corner)				2	
Channelized right turn island				2	
Skewed crosswalk				7	
Pedestrian Signal Control (select all that apply)				Points	Score
Push button actuation required for WALK signal				4	
Non-concurrent WALK interval				4	
Leading Pedestrian Interval (LPI) with parallel street green				8	
Timed for crossing to median island				8	
Vehicle Signal Control (select all that apply)				Points	Score
Right-Turn-On-Red permitted (on parallel street)				2	
Leading protected left-turn phase (on parallel street)				3	
Protected right turn phase / right turn overlap (on parallel street)				7	
Channelized right turn lane under signal control				8	
Off-Peak Traffic Presence - at least 2 vehicles present on parallel street (select one)				Points	Score
Constant (≥ 90 percent of ten cycles)				1	
Heavy (70 - 80 percent)				2	
Moderate (50 – 60 percent)				3	
Light (30 – 40 percent)				4	
Occasional (< 30 percent)				5	
None (i.e., no through lanes present to create surge noise - e.g., stem of T-intersection)				6	
Distance to Alternative APS Crosswalk			Pedestrian Pushbutton Location -		
(select one)	Points	Score	either corner (select all that apply)	Points	Score
< 300 ft	0		Located > 10 ft from curb	3	
< 650 ft (~ 1/8 mile)	1		Located > 5 ft from the CW extd.	3	
< 1300 ft (~ 1/4 mile)	2				
< 2600 ft (~ 1/2 mile)	3		Requests for APS (select one)	Points	Score
≥ 2600 ft (~ 1/2 mile)	4		No requests	0	
			1 or more requests	6	
Intersec			Crosswalk Worksheet Score:		
			(score from thi	,	
			Intersection Worksheet		
(score from inte				n form)	
** The accompanying instructions are essential for			Total Crosswalk		
accurate completion of this form **			(add the two above	scores)	