

Pedestrian Plan Matrix Computation Example - Barton Creek Rd @ Robert E. Lee Dr.



Pedestrian Attractors Score(PAS): 0 - 100			Base Score Weight 50%		Answers		Points	Weighted Incremental Scores	Weighted Total Scores
Element	Criteria	Proposed Points	Number	Points					
Proximity to Attractors Weight: 45%	<i>(Multiply Possible Points by number of attractors within specified radius)</i>		1/8 Mile	1/4 Mile	1/8	1/4			
	Within 1/4-mile radius of State or Local Government Offices	10x 5x					0		
	Within 1/4-mile radius of Commuter Rail Stations	10x 5x					0		
	Within 1/4-mile radius of Transit stop	9x 4.5x	3	4			45		
	Within 1/4-mile radius of Grocery Stores	9x 4.5x					0		
	Within 1/4-mile radius of Places of Public Accommodation (parks, libraries, etc.)	8x 4x	0	2			8		
	Within 1/4-mile radius of Public or Private Schools	8x 4x					0		
	Within 1/4-mile radius of Employers with > 250 Employees	8x 4x					0		
	Within 1/4-mile radius of Public Housing	7x 3.5x					0		
	Within 1/4-mile radius of Public Parking Garages	5x 2.5x					0		
	Within 1/4-mile radius of Religious Institutions	5x 2.5x					0		
		(max 100 pts.)					53		
	TOTAL - Proximity to Attractors						53	23.85	
Median Family Income Weight: 5%	Within a census tract at or below Median Family Income	n=57866							
	a) Yes	100					100		
	b) No	0							
TOTAL - Median Family Income							100	5	
Residential Population Weight: 25%	Total population residing within 1/2-mile radius of proposed project		Population						
	a) Population >= 10,000	100							
	b) Population >= 6,000 and < 10,000	80							
	c) Population >= 2,000 and < 6,000	40	3962	40					
	TOTAL - Residential Population						40	10	
Existing Facilities on Street Weight: 10%	For major arterials, minor arterials, and local city streets, are there complete sidewalks on both sides of the street?								
	a) Yes	0	yes	0					
	b) No	100							
	For local neighborhood/rural streets, is there an existing complete sidewalk on either side of the street?								
	a) Yes	0							
	b) No	100							
TOTAL - Existing Facilities on Street							0	0	
Request Weight: 10%	Project requested by ADA Task Force								
	a) Yes	75	yes	75					
	b) No	0							
	Project requested by citizen through 311								
	a) Yes	25							
	b) No	0	no	0					
TOTAL - Request							75	7.5	
Bicycle Lanes Weight: 5%	Are there bike lanes on both sides of the street?								
	a) Yes	0					0		
	b) No	100	no	100					
TOTAL - Bicycle Lanes							100	5	
TOTAL PAS							51.35	25.675	

Pedestrian Risk Score(PRS): 0 - 100			Base Score Weight 40%	
Element	Criteria	Proposed Points		
Street Classification <i>Weight: 45%</i>	a) Arterial b) Collector c) Residential	100 75 50	Arterial	100
TOTAL - Street Classification			100	45
Pedestrian Health Risk <i>Weight: 35%</i>	a) Very High b) High c) Moderate d) Low e) Very Low	100 75 50 25 0	High	75
TOTAL - Pedestrian Health Risk			75	26.25
Pedestrian/Automobile Incidents <i>Weight: 20%</i>	Number of incidents (injury and fatality) involving pedestrians and motorized vehicles in previous 36 mo. multiplied by 10 within 100 feet of sidewalk segment	100 feet 10X (max 100 pts.)	1	10
TOTAL - Pedestrian/Automobile Incidents			10	2
			TOTAL PRS	73.25
				29.30
Fiscal Availability Score(FAS): 0-100			Base Score Weight 10%	
Element	Criteria	Proposed Points		
Existing Fiscal Availability <i>Weight: 100%</i>	Is there fiscal posting for this block? a) Yes b) No	100 0	No	0
TOTAL - Existing Fiscal Availability			0	0
			TOTAL FAS	0.00
			Base Score Total	54.98
Condition Score(CS): 0 - 100			Addition to base score can be max of 50	
Element	Criteria	Proposed Points		
Accessibility of Sidewalks <i>Weight: 30%</i>	Percentage of block face that is not technically accessible(37% equals 37 points)	Up to 100		
TOTAL - Accessibility of Sidewalks			0	0
Accessibility of Curb Ramps <i>Weight: 30%</i>	Are curb ramps within 15' technically accessible? a) Yes b) No	0 100		
TOTAL - Accessibility of Curb Ramps			0	0
Maintenance of Sidewalks <i>Condition Score</i> <i>Weight: 15%</i>	(For each maintenance issue, calculate the related score as a percent of block face requiring maintenance) a) Sidewalk is completely unusable b) Completely deteriorated, severe faulting (>4"), severely cracked up panels c) Deteriorated, almost unusable - large faults (>2"), major cracks (>3/4") d) Undesirable, distorted - moderate faults (3/4"), moderate cracks (1/2") e) Fair - only mild distortions (1/4"), minor cracks (1/4") f) Good - hairline cracks, no faulting	100 80 60 40 20 0		
TOTAL - Maintenance of Sidewalks (Condition Score)			0	0
Complaint Score <i>Weight: 5%</i>	Has a complaint been registered for this location? a) Yes b) No	100 0		
TOTAL - Maintenance of Sidewalks			0	0
Maintenance of Curb Ramps <i>Weight: 20%</i>	Do curb ramps within 15' require maintenance? a) Yes b) No	100 0		
TOTAL - Maintenance of Curb Ramps			0	0
			TOTAL PFS	0.00
				0.00
Neighborhood Plan Score(NPS): 0 - 100			Addition to base score can be max of 10 points	
Element	Criteria	Proposed Points		
Neighborhood Request <i>Weight: 100%</i>	Project requested via Adopted Neighborhood Plan - Age of Neighborhood Plan 10 points per year of adoption up to 10 years (100 pts). No plan = 0	0-100		
TOTAL - Neighborhood Request			0	0
			TOTAL NPS	0.00
			Total Score	54.98