

# Pedestrian Advisory Council

## Pedestrian Hybrid Beacon (PHB) Criteria Overview

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## Pedestrian Hybrid Beacon Locations

		Location	Activated
1	4700 North Lamar	@ the Triangle	9/1/2009
2	3100 Guadalupe	@ 31st St	2/8/2010
3	2400 Rutland Drive	East of Burnet Rd.	3/5/2010
4	721 Barton Springs Rd.	@ Austin Energy	4/5/2010
5	700 7th St.	@ APD	2/17/2011
6	700 8th St.	@ APD	2/17/2011
7	100 W Oltoft St.	@ St. Ignacious/HEB	2/17/2011
8	2500 Lake Austin Blvd.	@ Gables/UT married student housing	2/28/2011
9	3800 Lake Austin Blvd.	@ Hula Hut	3/10/2011
10	1600 Grove Blvd.	@ Ruiz Library	3/15/2011
11	200 W 45th Street	@ Shipe Park	3/15/2011
12	8300 Cross Park Dr.	@ Travis County Appraisal District	3/28/2011
13	3700 Lake Austin Blvd.	@ LCRA	5/27/2011
14	2700 E 7th St.	@ Calles/HEB	6/23/2011
15	2000 S. Congress Ave.	@ Fulmore MS	6/24/2011
16	1400 S 1st St.	@ Elizabeth St.	7/26/2011
17	1800 Stassney Ln.	@ ACC/Crocket HS	9/13/2011
18	1201 E. Rundberg Dr.	@ Gus Garcia Rec Center/Dobie MS	12/29/2011
19	800 W. Rundberg Ln.	@ Little Walnut Creek Library	12/29/2011
20	12300 Block Riata Trace	@ Tapadera Trace Lane	1/3/2012
21	2100 Barton Springs Rd.	@ Zilker Park	1/26/2012
22	3100 S Congress Ave.	@ St. Edwards University/La Vista St.	3/8/2012
23	2900 S. Congress Ave.	@ Coleman St.	3/8/2012
24	6800 S 1st St.	@ Thelma/Bedichek MS	3/14/2012
25	5500 Cameron Dr.	@ Corona Dr.	3/26/2012
26	1900 S Pleasant Valley Rd.	@ HEB	4/23/2012
27	1000 S Congress Ave.	@ Deaf School	4/28/2012
28	2400 E Riverside Dr.	@ HEB west of Pleasant Valley	8/31/2012
29	1700 Red River St.	@ Erwin Center	10/19/2012
30	1800 Red River St.	@ Erwin Center	10/19/2012
31	2500 S 1st St.	@ S Austin Health & Human Sevices	2/15/2013
32	3800 Manchaca Rd.	@ Prather	3/27/2013
33	3100 N Lamar Blvd.	@ 31st St.	4/15/2013
34	1600 Montopolis Dr.	@ Fairway St.	9/13/2013
35	7722 Burnet Rd.	775' north of Northcross Dr / Morrow St	In Design
36	406 E. St. Johns Ave.	east of Duval Street/Webb MS	In Design
37	2117 S. Lamar Blvd	@ Oxford	In Design
38	6000 Manchaca Rd.	@ Garrison Park	In Design
39	400 SB IH35 Frontage Rd.	@ LAB Bikeway	In discussion w/TxDOT
40	400 NB IH35 Frontage Rd.	@ LAB Bikeway	In discussion w/TxDOT

## Current PHB Requests

No.	Block	Location		
		Primary Street	Cross Street/Location	Prefix Landmark/Notes
1		1st St	King Edward Pl	S
2		1st St	Mairo St	S
3		38th 1/2 St	Robinson Ave	near Fiesta
4		38th 1/2 St	Between Duval St & Red River	E No sidewalk on north side of 38th
5		45th St	Ramsey Ave	
6	1100	45th St		W
7		6th St	Sabine St	E
8		7th Street	San Marcos Street	
9		Airport Blvd	Gunter St	520 ft to ped bridge over Airport
10	4411	Airport Blvd		between Parkwood & IH 35 - no ped heads to cross Airport @ IH 35
11	1144	Airport Blvd		south of Oak Springs near the bus stop and McDonalds
12		Airport Blvd	46th St	E
13		Anderson Ln	Mullen Dr	
14	210	Barton Springs Rd		Less than 300 ft to Barton Springs & Riverside intersection
15	4700	Burnet Rd		
16	10409	Burnet Rd		County JP & adult probation -originally on signal request list
17		Burnet Rd.	47th St.	
18		Center Ridge Dr	Mouse Ln	No sidewalks along Center Ridge
19		Congress Ave	515 block	S
20	8200	Congress Ave		S Capital Area Food Bank
21	6700	Crystalbrook Dr	between Loyala & Coolbrook	Davis/White Northeast Park
22		Davis Ln	Latta Dr	
23		Dean Keeton	between San Jac & Rbt Dedman	
24	3300	Duval St	Harris Ave	
25		Enfield Rd	Lorrain St	
26		Freidrich Ln	Directors Blvd	Existing crosswalk
27		Guadalupe	39th Street	Not a PHB request - request is for new crosswalk markings
28		Guadalupe St	13th St	
29		Guadalupe St	28th St	
30		Guadalupe St	46th St (south intersection)	W
31		Guadalupe St	47th St.	W
32		Lamar Blvd	Houston St	N
33		Lamar Blvd	Rundberg Ln to Longspur Blvd	N North Park Shopping Center - Bond Corridor Study Section
34		Lamar Blvd	Thurmond St to Fairfield Dr	N
35	1509	Lamar Blvd		S
36	3400	Manchaca Rd	(Edgeware Dr to Gathright Cv)	
37		Manchaca Rd	Cimarron Tr	Joslin Elem
38		Manchaca Rd	Inverness Blvd	
39		Manchaca Rd	Redwater Dr	Near Moontower Saloon; sidewalk on east side only
40	9300	Manchaca Rd	Sedgemoor Trail	
41	4700	Manchaca Rd		
42	9705	Manchaca Rd	near Monarch Dr.	
43		Manor Rd	Sweeney Ln	Crosswalks on three sides
44		Manor Rd	Walnut Ave	3 lane roadway
45		Medical Parkway	W. 42nd St	Crosswalk restriped
46		Metropolis Dr.	Metlink Rd	Near VA Outpatient Clinic
47		N. Lamar	Meadowlark	
48		Oltorf	between Burton and Douglas	requested by Cap Metro; high ridership at bus stops # 4296 & 1358.
49		Oltorf St	Durwood St	W
50		Parkcrest Dr	Balcones Dr	
51		Pleasant Valley Rd	Turnstone Dr	S
52	600	Pleasant Valley Rd		N Cap Metro headquarters
53		Red River St	30th St	
54	2500	Red River St		
55		Red River St	Park Blvd.	Existing crosswalk to HEB shopping center
56	903	Rundberg Ln		E Harmony Science Academy
57		San Jacinto Blvd	14th St	
58		San Jacinto Blvd	17th St	
59	4700	Seton Center Pkwy		@ Texas Orthopedics
60		Slaughter Ln	Vinemont Dr	@ Circle C Park
61		St. Johns Ave	Bethune Ave	bus stop, road diet
62		St. Johns Ave	future Municipal Court	E
63		Stassney Ln	Salem Walk Dr	W
64	5706	Tallow Tree Dr	E. Stassney	
65	12301	Technology Blvd		Existing warning beacon - 5 lane road
66		Trinity St	9th St	
67	1600	Trinity St		
68		Walsh Tarlton Ln	Sanderling Trail	Existing warning beacon
69	1071	Walsh Tarlton Ln		
70	1950	Webberville Rd		
71		West Gate Blvd	Cohoba Dr	
72		West Gate Blvd	Hidden Oaks Dr	

## Current PHB Requests

No.	Block	Location		
		Primary Street	Cross Street/Location	Landmark/Notes
73		West Gate Blvd	Nesbit Dr/Ranch Rd.	
74	4500	West Gate Blvd	West Gate Blvd	
75		West Lynn St	9 1/2 St	
76		William Cannon Dr	Meadow Lake Blvd	Moved to Signal List
77		Woodward St	Willow Springs Rd	
78	1400	San Jacinto Blvd		Existing overhead beacon
79	1000	E. 32nd Street	St. Davis Hospital Entrance	Existing warning beacon - 3 lane roadway
80	1880	Director's Blvd.		Existing warning beacon - 4 lane roadway
81	1821	Director's Blvd.		Existing warning beacon - 4 lane roadway
82	12160	Park 35 Circle		Existing warning beacons - 3 lane roadway
83	5330	McNeil Rd.	McNeil HS/YMCA - 4 lane roadway	Existing School Zone/Ped beacon - 4 lane roadway
84	5726	McNeil Rd.	McNeil HS/YMCA - 4 lane roadway	Existing School Zone/Ped beacon - 4 lane roadway

# Pedestrian Hybrid Beacon Criteria

## **PHB Criteria: Eligibility**

To be considered for a Pedestrian Hybrid Beacon (PHB), a requested location must meet the following minimum criteria:

1. the location must be within the Austin city limits;
2. it cannot be a two-lane or residential roadway – requests on two-lane or residential roadways are automatically forwarded to Traffic Engineering for a determination on other remedies;
3. must be more than 300 feet from a signalized or stop-controlled crossing;
4. if the location has been studied or evaluated within the past 2 years, it must be exhibiting changes to the previously studied traffic or pedestrian patterns to be studied or reevaluated.

## **PHB Criteria: Evaluation and Ranking for further study/construction**

Requests that meet the above criteria are accepted for further consideration. To determine which locations to study first each request is scored against the following criteria, and then ranked by this score. These criteria are intended to identify the locations with the greatest need.

<b>Description</b>	<b>Total Points</b>
1. Distance from the requested PHB location to the nearest signalized or stop-controlled crossing.	200
2. Speed limit of the roadway being crossed; the higher the speed the more points toward study.	75
3. Total number of motor vehicle lanes to cross; the more lanes to cross, the more points toward study.	100
4. Is median space available? Points awarded based on type of median space – non-paved or raised median over 6' wide, 2-way turn lane or no median. Non-paved or raised medians get the lowest points while no median gets the highest number of points.	100
5. Pedestrian crash history over last 3 years, for those crashes avoidable by a PHB. Look at pedestrian crash history for 300 feet on either side of the requested location. If a fatal pedestrian crash occurred at the requested location it is automatically added to the study list.	100
6. Special needs pedestrian generators. Proximity to facilities that provide support services to and whose intended clientele is the visually and/or mobility impaired community.	50
7. Pedestrian generators – including but not limited to parks, schools, multifamily developments, bus stops, grocery stores, drug stores, office buildings, libraries, convenience stores, etc. Must have generators on opposing sides of street.	200
8. Is the location recommended as part of a small area plan (small area plans include adopted neighborhood plans, corridor plans, master plans, etc.).	25
9. Will the location facilitate a school route plan as recommended by the Child Safety Division?	50
10. Is the requested location within a CAMPO defined Environmental Justice Area?	100
<b>Total</b>	<b>1,000</b>

Location: Elm Street

Date of analysis: \_\_\_\_\_

Maximum points: 1000

Engineering Judgment/Historical Knowledge  

					Points	Weighting Factor	Adjusted Points
1. Distance to nearest signalized or stop-controlled crossing (in feet).	10	points if	301-500	<div style="background-color: #cccccc; padding: 5px;">600</div>	<div style="border: 1px solid black; padding: 2px 10px;">20</div>	<div style="border: 1px solid black; padding: 2px 10px;">2</div>	<div style="border: 1px solid black; padding: 2px 10px;">40</div>
	20	points if	501-1,000				
	40	points if	1,001 - 1,500				
	60	points if	1,501 - 2,000				
	80	points if	2,000 - 2,500				
	100	points if	2,501 or more				
2. Speed limit of roadway being crossed.	0	points if	25 MPH	<div style="background-color: #cccccc; padding: 5px;">45 MPH</div>	<div style="border: 1px solid black; padding: 2px 10px;">80</div>	<div style="border: 1px solid black; padding: 2px 10px;">0.75</div>	<div style="border: 1px solid black; padding: 2px 10px;">60</div>
	20	points if	30 MPH				
	40	points if	35 MPH				
	60	points if	40 MPH				
	80	points if	45 MPH				
	100	points if	> 50 or greater MPH				
3. Total number of motor vehicle lanes to cross.	25	points if	3	<div style="background-color: #cccccc; padding: 5px;">6</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>
	50	points if	4				
	75	points if	5				
	100	points if	6 or more				
4. If median space is available, what type?	0	points if	Non-paved or raised median over 6' wide	<div style="background-color: #cccccc; padding: 5px;">2-way turn lane, flush or narrow median</div>	<div style="border: 1px solid black; padding: 2px 10px;">50</div>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	<div style="border: 1px solid black; padding: 2px 10px;">50</div>
	50	points if	2-way turn lane, flush or narrow median				
	100	points if	No median				
5. Pedestrian Crash History	75	points if	number of pedestrian crashes within past 12 months	<div style="background-color: #cccccc; padding: 5px;">Ped crashes per 12 mos</div>	<div style="border: 1px solid black; padding: 2px 10px;">0</div>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	<div style="border: 1px solid black; padding: 2px 10px;">0</div>
	50	points if	number of pedestrian crashes within past 12-24 months				
	25	points if	number of pedestrian crashes within past 24-36 months				
*Maximum of 100 points							
6. Special Needs pedestrian generators?	100	points if	Yes	<div style="background-color: #cccccc; padding: 5px;">Yes</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>	<div style="border: 1px solid black; padding: 2px 10px;">0.5</div>	<div style="border: 1px solid black; padding: 2px 10px;">50</div>
	0	points if	No				
7. Number and type of pedestrian generators within 300 ft.	20	points for	every major retail/office/ multifamily/high peds	<div style="background-color: #cccccc; padding: 5px;"># of each type of generator w/in 300 ft.</div>	<div style="border: 1px solid black; padding: 2px 10px;">90</div>	<div style="border: 1px solid black; padding: 2px 10px;">2</div>	<div style="border: 1px solid black; padding: 2px 10px;">180</div>
	15	points for	every light retail/office/ multifamily				
	10	points for	every bus stop with over 100 boardings per day				
	5	points for	every park/religious/ educational institution				
*Maximum of 200 points							
List identified generators							
HEB, Uptown Condos, Torchy's, Starbucks, Bus Stops (2)							
8. Recommended as part of a small area plan?	100	points if	Yes	<div style="background-color: #cccccc; padding: 5px;">Yes</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>	<div style="border: 1px solid black; padding: 2px 10px;">0.25</div>	<div style="border: 1px solid black; padding: 2px 10px;">25</div>
	0	points if	No				
9. Facilitate a school route plan?	100	points if	Yes	<div style="background-color: #cccccc; padding: 5px;">Yes</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>	<div style="border: 1px solid black; padding: 2px 10px;">0.5</div>	<div style="border: 1px solid black; padding: 2px 10px;">50</div>
	0	points if	No				
10. Within an Environmental Justice area?	100	points if	Yes	<div style="background-color: #cccccc; padding: 5px;">Yes</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>	<div style="border: 1px solid black; padding: 2px 10px;">1</div>	<div style="border: 1px solid black; padding: 2px 10px;">100</div>
	0	points if	No				

Justification for Engineering Judgment/Historical Knowledge: