

Purpose & Need

- Request came to FDOT for a Pedestrian Safety Study after a fatality near the South Shores community.
- Safety study evaluated pedestrian activity at four locations.
- Two locations met criteria for use of a Pedestrian Hybrid Beacon (PHB).
- Additional pedestrian counts taken at Solway Drive on March 8, 2025.
- Previous study count was done March 2021.



Sunday, March 14, 2021	Thursday March 6, 2025	Saturday, March 8, 2025
102	62	86

Company of the last					_		The second secon		
	Indian Landing		Time	Weekday Crossings		Time	Weekend Crossings		
Weekend				Pedestrians	Bicyclists	lille	Pedestrians	Bicyclists	
Time	mulan Landing			7-8 am	3	0	7-8 am	9	0
	Ped	Bike	Total	8-9 am	3	0	8-9 am	13	0
9 - 10 AM	13	2	15	9-10 am	13	0	9-10 am	9	0
10 - 11 AM	1	2	3	10-11 am	5	0	10-11 am	14	0
11 AM - 12 PM	8	0	8	11 am - 12 pm	14	0	11 am - 12 pm	7	0
12 - 1 PM	9	2	11	12-1 pm	8	0	12-1 pm	3	2
1-2PM	12	0	12	1-2 pm	2	3	1-2 pm	14	0
2-3PM	15	0	15	2-3 pm	4	1	2-3 pm	18	0
3 - 4 PM	11	4	15	3-4 pm	8	0	3-4 pm	17	0
4-5PM	23	0	23	4-5 pm	4	0	4-5 pm	2	0
TOTAL	92	10	102	5-6 pm	2	0	5-6 pm	6	0
				6-7 pm	4	0	6-7 pm	4	0
				Total	70	4	Total	116	2



PHB Versus RRFB

Pedestrian Hybrid Beacon (PHB)



- Overhead signal that includes a solid red phase to stop traffic when activated.
- Higher pedestrian volume criteria than other treatments.
- Safest option on multi-lane and higher speeds roads. (> 35 mph)

Rectangular Rapid Flashing Beacon (RRFB)



- Post-mounted on edge of travel.
- Flashing yellow lights beneath yellow warning sign to increase visibility of crossing.
- Best used on two-lane roads in lower speed environments.
 (≤ 35 mph)



S.R. A1A in this area is 45 mph



Safety Benefits

High Visibility Crosswalks



High-visibility crosswalks can reduce pedestrian injury crashes up to 1

40%

Intersection lighting can reduce pedestrian crashes up to 2

42%

Advance yield or stop markings and signs can reduce pedestrian crashes up to 3

25%

Pedestrian Hybrid Beacon



Safety Benefits:

55%

reduction in pedestrian crashes.3

29%

reduction in total crashes.4

15%

reduction in serious injury and

fatal crashes.4

Lighting



Safety Benefits:

Lighting can reduce crashes up to:

42%

for nighttime injury pedestrian crashes at intersections. 1

33-38%

for nighttime crashes at rural and urban intersections. 2,1

28%

for nighttime injury crashes on rural and urban highways. 1

https://highways.dot.gov /safety/proven-safetycountermeasures/