

Pedestrian Hybrid Beacons

Countdown pedestrian signals

will be used at all of the pedestrian hybrid beacons (PHB).

The PHB pedestrian beacon can be used at a midblock crosswalk or at an intersection crosswalk. If used at an intersection, the PHB will only control one of the



Always remember
to stop, and look Left, Right and then Left again before crossing.



pedestrian crossings across the main street. It will not control side-street traffic. Side-street traffic will continue to be STOP sign-controlled. The PHB was developed in Tucson to assist pedestrians crossing very busy streets. It uses traditional traffic and pedestrian signal heads, but in a different configuration. The PHB also includes signs instructing motorists to "STOP ON RED" and pedestrians on how to cross safely.



Visit the Transportation Department's webpage at www.mesaaz.gov/transportation

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Why is Mesa installing pedestrian hybrid beacons?

The City of Mesa is installing a new traffic control device to help make crossing busy streets easier for pedestrians. This new device is called a pedestrian hybrid beacon (PHB), but it is often called a HAWK (High-intensity Activated Crosswalk).



Mesa faces many challenges in providing service for pedestrians wanting to cross busy, wide streets safely and efficiently. Some locations do not meet adequate spacing requirements for a standard traffic signal, and the amount of pedestrian or side-street traffic is usually not high enough to justify a signal. Before a PHB can be installed, it needs to be justified by a traffic-engineering study.

PHBs have been used by Tempe, Phoenix, Tucson and various agencies throughout the country to improve service for pedestrians. The City of Mesa plans to install its first PHB in 2013.

Pedestrian Hybrid Beacon

	DRIVERS		PEDESTRIANS	
	Will See ...	Will Do ...	Will See ...	Will Do ...
1		Proceed with caution.		Push the button to activate the system.
2		Slow down. A pedestrian has activated the system.		Wait.
3		Prepare to stop.		Continue to wait.
4		STOP. A pedestrian is in the crosswalk.		Start crossing when all vehicles are stopped.
5		STOP. Proceed with caution if the crosswalk is clear.		Continue crossing; the signal will count down.
6		Proceed if the crosswalk is clear.		Push the button to activate the system.

How it works

1. When not in use, the vehicle signal is dark, and a solid DON'T WALK (raised hand) is displayed for pedestrians at the crosswalk.
2. When the pedestrian push button is pressed, the vehicle signal will flash yellow for several seconds.
3. Next it will display a solid yellow to give motorists enough time to stop at the crosswalk.
4. After the solid yellow, the vehicle signal will go to solid red, and pedestrians will be given a WALK (walking person symbol) signal.
5. After the WALK time expires, the vehicle signal will flash red in an alternating pattern while the pedestrians continue across the street with a flashing DON'T WALK signal. When the vehicle signal is flashing red, motorists may proceed after stopping if the pedestrians have crossed their half of the street.
6. After enough time has passed for pedestrians to complete their crossing, the vehicle signal will go dark once again, and the pedestrian signal will revert to the solid raised hand symbol until the pedestrian push button is pressed again.