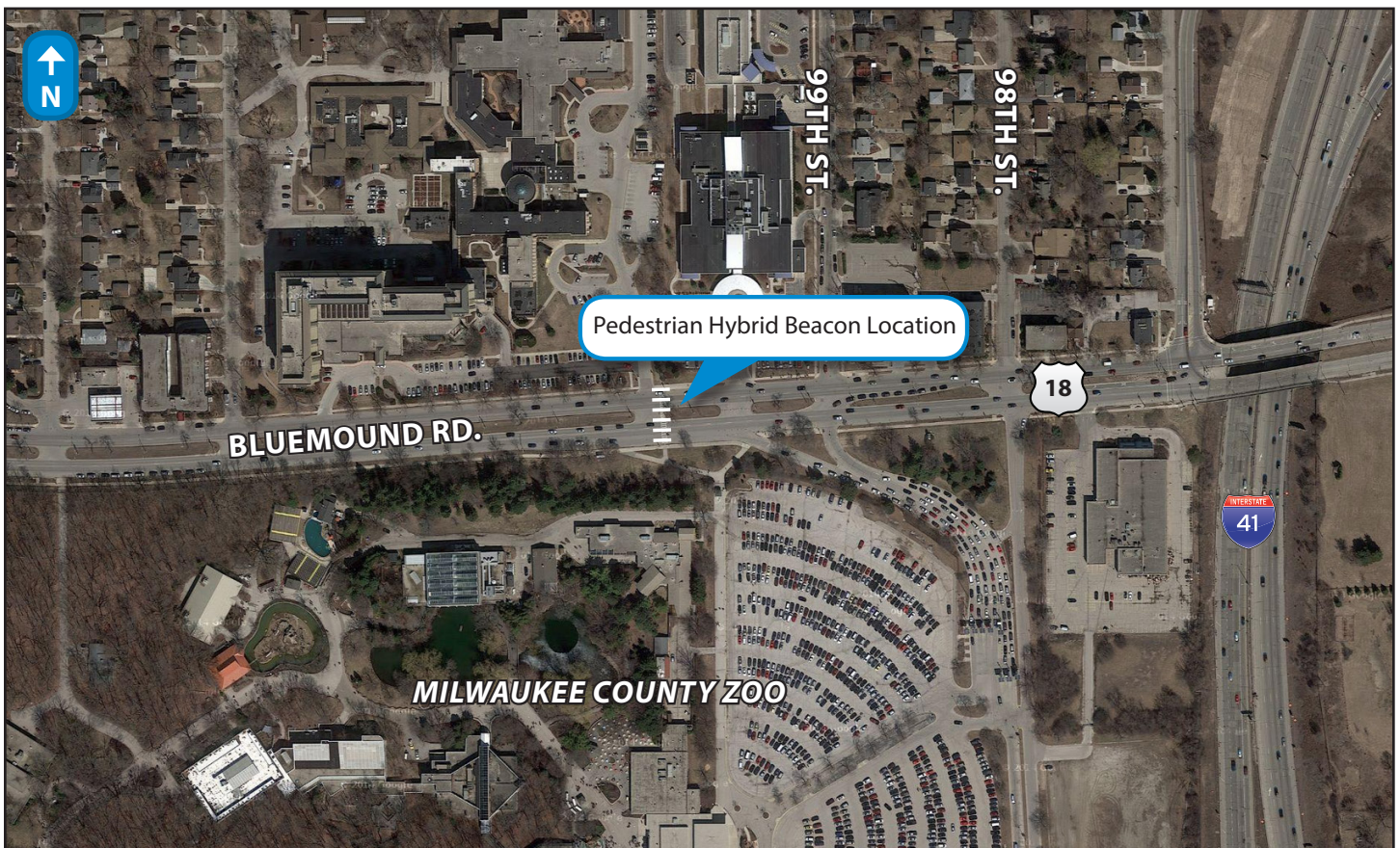# PEDESTRIAN HYBRID BEACON TO BE INSTALLED AT BLUEMOUND ROAD

Also known as a High Intensity Activated Cross-Walk(HAWK)

As part of the Zoo Interchange project the pedestrian crossing west of 99th Street, on Bluemound Road, is being upgraded to a Pedestrian Hybrid Beacon (PHB) system. The PHB system is designed to provide a safer means for pedestrians to cross a busy stretch of roadway, such as Bluemound Road. The pedestrian crossing will be integrated with the other adaptive signals along Bluemound Road and will remain "dark" when pedestrians are not present. This PHB will also feature audio commands to assist pedestrians in crossing the roadway.

The diagram on the back side of this sheet shows how the PHB will operate. The system consists of two red lights above a single yellow light. The system head is "dark" until the pedestrian desires to cross the street. At this point, the pedestrian will push the button to activate the system. After displaying brief flashing and steady yellow intervals, the device displays a steady red indication to drivers and a "WALK" indication to pedestrians, allowing them to cross a major roadway while traffic is stopped. After the pedestrian phase ends, the "WALK" indication changes to a flashing orange hand to notify pedestrians that their clearance time is ending. The PHB displays alternating flashing red lights to drivers while pedestrians finish their crossings before once again going "dark" at the conclusion of the cycle.

HOW DOES A
PEDESTRIAN HYBRID BEACON OPERATE?

INSTRUCTIONS

DRIVERS		PEDESTRIANS	
will see this	**will do this**	**will see this**	**will do this**
(dark beacon)	Proceed with caution.	(steady hand)	Push the button to activate the system.
(flashing yellow) *FLASHING*	Proceed with caution. A pedestrian has activated the system.	(steady hand)	Wait.
(solid yellow)	Stop if safe to do so.	(steady hand)	Continue to wait.
(two solid red)	**STOP!** A pedestrian is in the crosswalk.	(walking person)	Start crossing when all vehicles are stopped.
(alternating flashing red) *FLASHING*	**STOP!** Proceed with caution if the crosswalk is clear.	(flashing hand with countdown 09) *FLASHING*	Continue crossing; the signal will count down.
(dark beacon)	Proceed if the crosswalk is clear.	(steady hand)	Push the button to activate the system.