

SAFE PEDESTRIAN CROSSINGS

PEDESTRIAN SAFETY IS A PRIMARY CONCERN ALONG THE WISCONSIN DELLS PARKWAY CORRIDOR.

PEDESTRIAN HYBRID BEACONS ARE USED TO INCREASE MOTORISTS' AWARENESS OF PEDESTRIAN CROSSINGS AT UNCONTROLLED MARKED CROSSWALK LOCATIONS. A PEDESTRIAN HYBRID BEACON IS DISTINCT FROM PRE-TIMED TRAFFIC SIGNALS AND CONSTANT FLASH WARNING BEACONS BECAUSE IT IS ONLY ACTIVATED BY PEDESTRIANS WHEN NEEDED.

WISDOT INSTALLED THREE HAWKS (HIGH-INTENSITY ACTIVATED CROSSWALK BEACON) AS PART OF THE 2011 RESURFACING PROJECT ALONG US 12. THIS PROJECT PROPOSES TO REPLACE THE HAWKS WITH RECTANGULAR RAPID-FLASHING BEACONS (RRFB).

WISDOT HAS OBSERVED INCONSISTENT DRIVER BEHAVIOR AND CONFUSION REGARDING THE DARK PHASE (NOT ILLUMINATED) AND THE FLASHING RED PHASE OF THE HAWKS. THE RRFBs OFFER SIMILAR BENEFITS TO THE PEDESTRIANS AND HAS BEEN FOUND TO BE MORE UNIVERSALLY UNDERSTOOD TO DRIVERS.

PEDESTRIAN HYBRID BEACON FEATURES:

- ENHANCES WARNING
- IMPROVES MOTORIST YIELDING

PEDESTRIAN HYBRID BEACONS ARE MOST EFFECTIVE WHEN IMPLEMENTED WITH:

- CROSSWALK VISIBILITY ENHANCEMENTS
- PEDESTRIAN REFUGE ISLAND
- ADVANCE STOP OR YIELD MARKINGS AND SIGNS



RRFBs ARE PEDESTRIAN-ACTUATED CONSPICUITY ENHANCEMENTS USED IN COMBINATION WITH A PEDESTRIAN, SCHOOL, OR TRAIL CROSSING WARNING SIGN TO IMPROVE SAFETY AT UNCONTROLLED, MARKED CROSSWALKS. THE DEVICE INCLUDES TWO RECTANGULAR-SHAPED YELLOW INDICATIONS, EACH WITH AN LED-ARRAY-BASED LIGHT SOURCE, THAT FLASH WITH HIGH FREQUENCY WHEN ACTIVATED.



EXAMPLE OF RRFBs USED NEAR LAMBEAU FIELD ON RIDGE ROAD

