



5th Avenue (U.S. 192) Improvements From Riverside Place to Miramar Avenue (S.R. A1A)

Brevard County

Financial Project Identification (FPID) No.: 442883-1



Project Description

The Florida Department of Transportation (FDOT) is designing improvements along 5th Avenue (U.S. 192) from Riverside Place to Miramar Avenue (State Road (S.R.) A1A) in Indialantic, Brevard County. The purpose of the project is to repave this segment of 5th Avenue (U.S. 192) and enhance pedestrian safety along the corridor.

Pedestrian safety enhancements include upgrading the existing midblock crossings and adding pedestrian-activated lights known as Rectangular Rapid Flashing Beacons (RRFBs) to enhance visibility of the crosswalks. An overhead Pedestrian Hybrid Beacon (PHB) will be added at Palm Avenue. The project will also enhance pedestrian lighting, modify existing drainage, and reconstruct curb ramps and driveways to comply with current Americans with Disabilities Act (ADA) standards.

Project Status and Estimated Costs*

Design:	Ongoing - completion early 2022	\$ 544,000
Right of Way:	Within existing	-
Construction:	Funded - summer 2022	\$ 1.8 Million

* subject to change

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PEDESTRIAN HYBRID BEACON (PHB)

- Palm Avenue

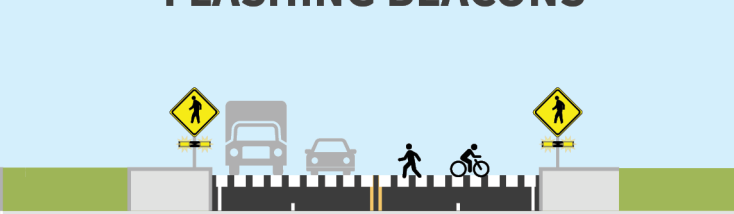
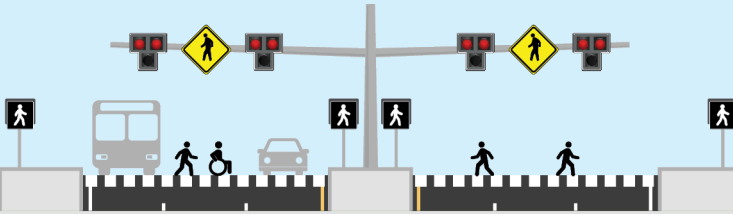
RECTANGULAR RAPID FLASHING BEACONS (RRFB)

- East of Riverside Drive
- East of Ramona Avenue
- In front of Indialantic City Hall
- East of Shannon Avenue



PEDESTRIAN HYBRID BEACONS

RECTANGULAR RAPID FLASHING BEACONS



PEDESTRIANS

DRIVERS

DRIVERS

PEDESTRIANS

BEFORE ACTIVATION



The pedestrian must not cross. To activate the PHB, the pedestrian must push the button and wait for "WALK" signal.



The signal face remains "dark" until the pedestrian activates the beacon. The motorist may proceed with traffic.



The beacons under the warning sign remain "dark" until the pedestrian presses the button. The motorist may proceed with traffic.



The pedestrian may push the button to activate the beacon, thus making their intent to cross more noticeable to motorists.

AFTER ACTIVATION



Wait for "walk" signal.



The beacon begins to flash yellow to warn motorists that it has been activated.



The yellow lights begin flashing rapidly indicating to motorists that a pedestrian is attempting to cross, and that the motorist must stop. If a motorist is too close to stop when the beacon's lights begin to flash, make sure there is no foot traffic before proceeding.



Pedestrians may enter the crosswalk if no traffic is present within a safe stopping distance.



Wait for "walk" signal.



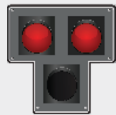
The brief flashing yellow is followed by a steady yellow to warn motorists to prepare to stop.

The beacon continues flashing for a time appropriate to the crossing distance.

Pedestrians will notice the flashing yellow lights or supplemental lights on the side of the RRFB to let them know the device is still active.



While motorists are seeing the steady red, the WALK sign is lit for pedestrians, allowing them to begin crossing the roadway.



The steady yellow is followed by a steady red signal requiring motorists to come to a complete stop at the stop line.

Motorists must continue to remain stopped until crossing pedestrians have cleared their lane, at which time they may proceed. The beacon may remain flashing yellow even after the crosswalk is clear.

AFTER CROSSING



The pedestrian signal changes to a flashing countdown timer to notify pedestrians how much time they have to finish crossing. Do not begin crossing during this countdown.



The flashing red light indicates to drivers that they must remain stopped while pedestrians are in the crosswalk, but may proceed once pedestrians are clear.



The beacons under the warning sign return to "dark".



The pedestrian may push the button to activate the beacon, thus making their intent to cross more noticeable to motorists.



The pedestrian must not cross. To activate the PHB, the pedestrian must push the button and wait for "WALK" signal.



The signal face returns to "dark" until the pedestrian activates the beacon. The motorist may proceed with traffic.

