



Devon Paulson, PE, Associate Electrical Engineer Department of Public Works



Four unsignalized intersections throughout the city will be modified to add Rectangular Rapid Flashing Beacons (RRFBs). These locations were selected based on the City Pedestrian Crossing Guidelines, pedestrian usage data, and comments from the public.

District 2 - Councilmember Dickinson

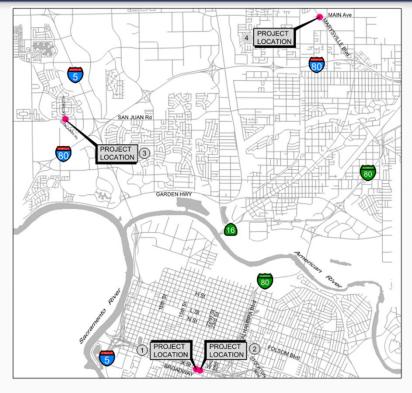
Marysville Boulevard and Main Avenue

District 3 - Councilmember Talamantes

San Juan Road and Guillemot Drive

District 4 - Councilmember Pluckebaum

- X Street and 22nd Street
- X Street and 23rd Street





Rectangular Rapid Flashing Beacons (RRFBs) From the FHWA Office of Safety:

To enhance pedestrian conspicuity and increase driver awareness at uncontrolled, marked crosswalks, transportation agencies can install a[n] RRFB to accompany a pedestrian warning sign. RRFBs consist of two, rectangular- shaped yellow indications, each with a[n] LED light source. RRFBs flash with an alternating high frequency when activated to enhance conspicuity of pedestrians at the crossing to drivers.

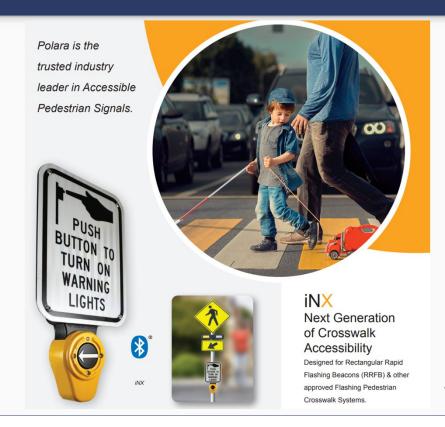




RRFBs will be installed with Audible Information Devices (AID) at each end of crossing

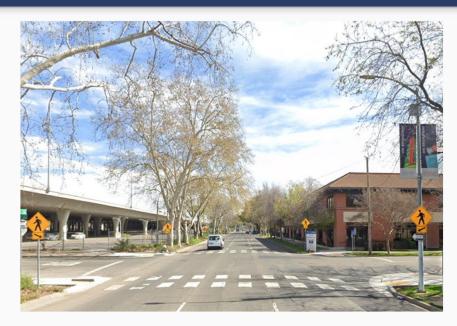
Features:

- iDetect Touchless actuation. Detects movement within
 1" to 4" (i.e. triggered with hand wave).
- Audible locator tone.
- Standard voice message for each crossing.





Existing Conditions



X Street and 22nd Street Proposed: New RRFB, new mastarm streetlight



X Street and 23rd Street Proposed: New RRFB, new mastarm streetlight 5



Existing Conditions



San Juan Road and Guillemot Drive Proposed: new RRFBs, add truncated domes



Marysville Boulevard and Main Avenue
Proposed: Replace overhead beacon with RRFB, 6
reconstruct curb ramp, repair roadway



Pedestrian Crossing Enhancements 2025 Example: RRFB Installed at J Street and 17th Street

New signage, flashing beacons, and pushbuttons

Each installation requires controller box, pole mounted either above signage or behind signage (as shown in example)





Proposed Schedule and Budget

Details	Pedestrian Crossing Enhancements 2025
Construction Contract Award at City Council	Fall 2025
Begin Construction	Spring 2026
End Construction	December 2026
Total Project Cost:	\$1,260,000

Questions?

Contact:

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