

Clifton Boulevard Pedestrian Crossing

Options:

1. Basic mid-block pedestrian crossing with warning signs and painted crosswalk.
Pros: Simple, cheap, provides designated location for pedestrians to cross the road.
Cons: Not much visual impact to the drivers on Clifton. No change when a pedestrian crosses.
2. Single RRFB crossing with pedestrian activated flashers on both sides of the road and painted crosswalk.
Pros: Increased driver awareness that a pedestrian is in the crossing. Visual impact from flashers. Solar powered.
Cons: Long crossing distance as a single crossing, particularly if diagonal.
3. Two-Stage RRFB crossing with refuge island in the center of the road.
Pros: Same benefits as a single RRFB crossing, but shorter distance in each stage of the crossing. Additional visual impact as there are additional flashers in the median. Allows for perpendicular crossings.
Cons: Requires construction of a median island and narrowing of bike buffer area.
4. HAWK/Hybrid Signal with overhead traffic signal heads.
Pros: Stops vehicular traffic like a standard traffic signal.
Cons: Significantly more expensive than a RRFB crossing. Requires power service.

Cost Comparison:

Option	Basic Pedestrian Crossing	Single RRFB Crossing	Two-Stage RRFB Crossing	HAWK Signal Crossing
Estimated Cost	\$2000	\$10k - \$15k	\$50k	\$100k+

Additional notes:

Using information from the Cuyahoga County Auditor's website, it shows that public Right of Way was maintained from the Forest Road disconnection project years ago. This would allow access to the crossing without direct impact to a property owner.

Informative videos:

<https://youtu.be/YZTiWITwcmY>

<https://youtu.be/9Bibe3k1yWo>

The location of this crossing is well placed as it has good visibility in each direction.





Property information from Cuyahoga County Auditor’s website shows that public Right of Way is still maintained and would allow the crossing without direct impact to anyone’s property. Yellow lines highlight edges of public Right of Way.



Single crossing RRFB.



Two-stage crossing RRFB with a refuge island installed. This requires the narrowing of the bike buffer area to accommodate the median island.