

Lake-to-Lakes Trail: Crossing Options at Fairhill/East 127

Beacon	Function	Proposed Crosswalk Placement	Proposed Signal Placement	Cost	Consultant Recommendation
HAWK High-Intensity Activated Crosswalk	Signal stops vehicular traffic with red light	At intersection with E127*	3 signals: 1 on each side of Fairhill plus 1 on E127	~\$120,000	Yes, if cost not an issue; this option is over-designed for the existing levels of car and ped/bike traffic
RRFB Rectangular Rapid Flash Beacon	Flashing lights warn vehicular traffic that ped/bike is in the crosswalk	At intersection with E127	4 flashers: 1 on each side of Fairhill plus 2 in the median (one facing each direction)	~\$25,000-\$30,000	Yes, if cost and design equal

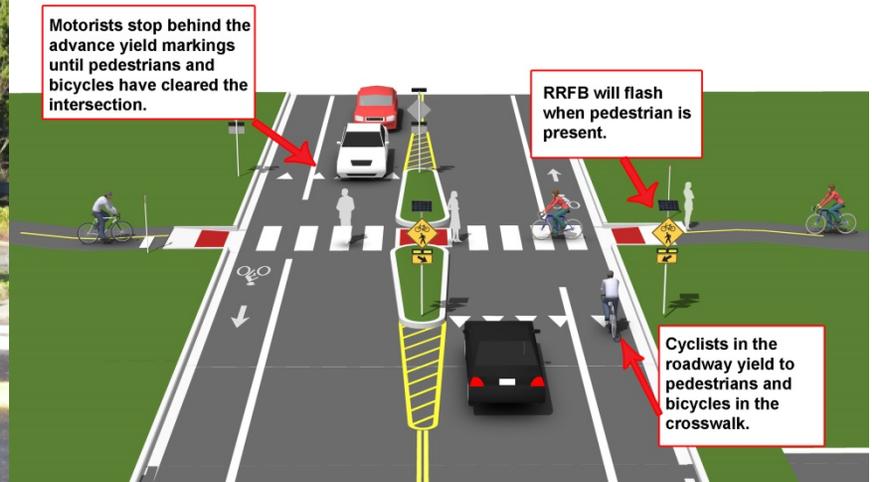
*Manual on Uniform Traffic Control Devices guidance recommends (but doesn't require) placing HAWK signal and crosswalk a minimum of 100' away from a side street regulated by stop sign; this would be located in the City of Cleveland

Considerations

- 12,700 average daily traffic (ADT) in 2012
- 100-400 estimated daily trail users
- Accidents: 24 accidents on Fairhill Road 2010-2013; no bikes or pedestrians involved.
- Public meeting feedback: key design concern was safe crossing of Fairhill



HAWK Signal



RRFB Flashing Sign