

## **Concept 1 – Two Sidewalks along North and South side of Main Street**

Sidewalks provide dedicated space intended for use by all pedestrians that is safe, comfortable and accessible to all. Sidewalks are physically separated from the roadway by a curb.

### **Benefits**

- Separate facility for all modes
- Meets MassDOT Healthy Transportation Policy Directive (P-13-0001)
- Meets Engineering Directive E-14-006
- Provide equal pedestrian access on north and south side
- At crosswalks pedestrian are able to wait in a pedestrian facility before crossing

### **Challenges**

- Bike lanes along travel lanes impacts level of comfort for bicycles.
- There is no buffer between the sidewalk and roadway reducing pedestrian comfort
- There is some encroachment from parking which would be eliminated when the south side sidewalk is constructed or the vehicles would park on sidewalk
- The width of the roadway will widen slightly to allow for bike lanes. Wider lanes and shoulder widths may promote increased operating speeds

## **Concept 2 – Sidepath along North and South side of Main Street**

A sidepath is a bidirectional shared use path located immediately adjacent and parallel to a roadway. Sidepaths can offer a high-quality experience for users of all ages and abilities as compared to on-roadway facilities in heavy traffic environments, allow for reduced roadway crossing distances, and maintain rural and small town community character.

### **Benefits**

- Bicycles and pedestrians are further away from the road
- Bicycle level of comfort is higher for an off-road facility vs. traditional bike lanes
- The wider side path requires additional clearance towards driveways which should increase visibility and sight distance.
- Maintenance of a 10' wide sidepath can be done by a standard plow
- The 5' buffer provides space for the utility poles as well as signs
- Narrower travel lanes and shoulders have a greater traffic calming benefit

### **Challenges**

- Pedestrians can only use one side of the street
- Pedestrian can only use one side of the street
- Pedestrians must share same space with bicycles
- Vehicles pulling out of driveway will have to adjust to bicycles and the speed at which they travel

**Examples of Sidepaths**

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Photo 1: Sidepath – Lakeshore Drive – Holland, MI



Photo 2: Sidepath – Lakeshore Drive – Holland, MI



Photo 3: Sidepath – Edgartown Road – Edgartown, MA



Photo 4: Sidepath – Cooke Street – Edgartown, MA



Photo 5: Sidepath - Nonantum Road – Newton, MA



Photo 6: Sidepath – S Berlin Pike – Lovettsville, VA