



MD 272 Irishtown Road to Church Road

#### 4. RAILROAD CROSSING PROJECTS

Railroad at-grade crossings can present a safety issue for all users. Each year approximately 8 of the 633 public at-grade crossings and 22 separate pedestrian crossings are updated to eliminate hazards. These improvements can include a range of possible solutions such as new flashing light signals (with or without gates replacement), updating of components at existing active warning devices, and improved crossing surfaces on State/county and municipal roads. Locations that were modified in 2016 included MD 214, MD 978A, Hahn Road, Reidtown Road, Ashton Road, Trovinger Mill Road, Ironshire Station Road and Tindley Road.

#### 5. PEDESTRIAN AND BICYCLE PROJECTS

There are two approaches through which MDOT SHA improves pedestrian and bicycle facilities in Maryland. In appropriate projects where the emphasis is on roadway improvements, pedestrian and bicycle facilities are incorporated to provide a multi-modal project. This could include bike lanes, pedestrian signals, ADA ramps, crosswalks and sidewalks. Other projects are stand-alone pedestrian and bicycle facilities. In February 2016, MDOT announced \$14 million in reimbursable grant funding for walking, biking and recreational trail projects. MDOT has allocated \$100 million to upgrade these facilities since the start of the various programs.

Sections of sidewalk where gaps occur or sidewalks that are in poor shape are major candidates for sidewalk improvement projects. There were 9 miles of new sidewalk constructed in 2016 including:

- MD 267 - Market Street to MD 7C (Cecil County)
- MD 272 - Irishtown Road to Church Street (Cecil County)
- MD 765 - Calvert Beach Road to Woods Road (Charles County)

Bike projects could include on-street bike lanes or off street facilities to encourage safe bicycle use. MDOT SHA projects in 2016 incorporated upgrades of more than \$2 million for bicycle retrofit programs. This included 88.3 miles of marked bike lanes and 5.6 miles of marked shared use lanes. Among the locations of new bicycle facilities were:

- MD 4 - MD 235 to Patuxent Boulevard (St. Mary's County)
- US 1 - US 1 Alt to Baltimore City Line (Baltimore County)
- MD 182 - Poplar Run Drive to MD 200 (Montgomery County)