

Cecil County Bicycle Plan
Recommended Bicycle Accommodations by Roadway Segment

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Segment/ Intersection	Treatment
Cecilton Segments and Treatments	
MD 282	Install sharrow markings and bicycle signage.
MD 282	At end of town limits provide wayfinding to/from Earleville, Warwick, and Middletown.
MD 213	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing.
MD 282/ Main St to MD 213	Extend existing separated path to connect from MD 282 to MD 213 through Cecilton Park.
Charlestown Segments and Treatments	
MD 7 approaches into Town	Install bicycle warning signage. Additional improvements pending.
MD 7 between MD 267 (Baltimore St.) and Revelation Rd.	Pending.
Chesapeake City Segments and Treatments	
MD 213 Bridge	Install curb ramps on the bridge sidewalk and install bicycle warning signs. When reconstructed, provide at least 5-6-ft of paved shoulder with a barrier between the travel lane.
MD 213 from Charles St. to Basil Ave.	Construct shared-use path and install wayfinding signage to points in Town.
2nd St. from Charles St. to Bethel St.	Provide shared lane that connects to off-road bicycle path.
Hemphill St. from Biddle St. to MD 213	Stripe bicycle lane and install signage.
Chesapeake and Delaware Canal Trail	Enhance C& D Canal Trail and access points, and improve connection to ferry.
North East Segments and Treatments	
MD 272/Main St. (southbound) between MD 7 (Cecil Ave.) and Irishtown Rd.	Install sharrow markings and bicycle signage.
MD 272/Main St. between MD 7 (Cecil Ave.) and US 40	Maintain paved shoulders. Install Share the Road signage. When reconstructed, provide bicycle lanes.
D 272/Main St. (northbound) between Irishtown Rd. and MD 7 (Cecil Ave.)	Paint bicycle markings within shoulder and install signage. Provide spot treatment shoulder paving for uninterrupted ride, where necessary.
MD 7/ Cecil Ave. (on-road improvements)	Install Share the Road signage.
MD 7/ Cecil Ave. (off-road improvements)	Sign East Coast Greenway and provide off-road connection from future developments west Main St. to the Town's core.
MD 272 and US 40	Intersection improvements including restriping and bicycle signal detection. Pedestrian facilities should be included as well.
MD 272 Bridge over Amtrak	When reconstructed, provide bicycle accommodations with at least 4 ft. of sidewalk or shoulder.
MD 7 from Mechanics Valley Rd., east to Elkton	Install bicycle signage and wayfinding signs with distance to Elkton.
Rolling Mill Rd. from Mechanics Valley Rd. to proposed shared use trail (Elk Neck)	When Rolling Mill Bridge is reconstructed, provide separated accommodations for bicyclists. Install way finding signage that directs users to nearby trail system.
US 40, entrance/exit to Timberbrook subdivision	Reconfigure right-in, right-out channelization to allow uninterrupted use of shoulder by bicyclists.
Mechanics Valley Road between US 40 and MD 7	Install Share the Road or Bike May Use Full Lane signage. When reconstructed, provide at least 4-ft of paved shoulder, if feasible. Constraints along this roadway may preclude widening.
MD 272/S. Mauldin Ave. and MD/7 Cecil Rd: Elk Neck Trails access points	Improve access and provide wayfinding signage to Elk Neck State Park and Trails. Enhance the existing and proposed trail system to facilitate bicycle usage.

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Port Deposit Segments and Treatments

MD 276 from MD 222 to MD 275	Maintain wide, paved shoulders. Install Share the Road signage. No change to the roadway.
MD 275 from MD 276 to MD 222	Maintain wide, paved shoulders. Install Share the Road signage. During reconstruction, widen road and add bicycle lanes.
S. Main St. and Bainbridge St. (MD 222)	Install warning signs approaching curve.
MD 222 from northern town limits to MD 276	Install share the road or BMUFL signage. During major construction, provide paved shoulder where feasible.
Bainbridge Rd. from MD 222 to MD 276	When Bainbridge site is redeveloped, provide bicycle lanes and signage.

Rising Sun Segments and Treatments

MD 273	Install bicycle route /wayfinding/ warning signing. Provide alternative routing through Town core.
Colonial Way from MD 274/ Biggs Hwy to MD 273/Main St.	Install sharrows and share the road signage.
Mount St. from MD 273/Main St to US 1/ Conowingo Rd.	Install sharrows and share the road signage.
N Walnut St. from MD 273/Main St to US 1/ Conowingo Rd.	Install sharrows and share the road signage.
W Pearl St. from MD 273/Main St. to town limits	Install sharrows and share the road signage.
Octoraro Trail and Access	Enhance access and signage to connect to Octoraro Trail.

Countywide Corridors Segments and Treatments

US 40 corridor, Delaware state line to MD 222	Repaint faded bicycle pavement markings. Add additional bicycle markings along existing shoulders. Paint dashed lines through major intersections, where feasible. Install bicycle-friendly rumble strips where applicable.
MD 7 Bridge, east of Patriotic Lane	Install warning signs at bridge approaches.
MD 274 from North East Rd. to Rising Sun town limits	Paint bicycle markings within shoulder and add signage. Install yield to bicyclists signage where shoulders transition into right-turn only lane. No changes to roadway.
MD 222 from US 1 to US 40	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing. During reconstruction, add bicycle lanes.
MD 282 from Crystal Beach to Delaware State line	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing.
MD 274 from MD 272 to MD 213	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing. Install bicycle-friendly rumble strips where applicable.
MD 276 from Perryville to Rising Sun	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing. Install bicycle-friendly rumble strips where applicable.
MD 213 from MD 273 to Kent County, MD	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing.
US 40 at Old Philadelphia Rd. (MD 7), intersection approach	Install share the road sign where shoulders disappear.
MD 273 from Delaware State line to US 1	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing. No changes to roadway; wide shoulders present outside of Rising Sun.
MD 310/ Cayots Corner Rd.	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing.
MD 272 from Pennsylvania state line to Turkey Point	Install bicycle pavement markings and bicycle route /wayfinding/ warning signing.
MD 272 at Gilpin Falls Bridge	Construct separated bicycle path adjacent to historic bridge that links to Cecil College to the south and points north of the county.

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Summary of Recommendations

Goals, Strategies, Actions	Short-term (2013-2016)	Medium-term (2017-2020)	Long-term (2020-2040)
Goal 1: Planning/Engineering - Develop a coordinated bicycle network that is safe, accessible, convenient, and provides intermodal connections.			
Strategy 1.1 Provide safely designed, well-marked, and maintained on- and off-street bicycle routes.			
Actions:			
1. Work with SHA, County Public Works, and Towns to install signs and pavement markings and pave shoulders, where feasible, along the bicycle network.	x	x	x
2. Work with SHA, County Public Works, and Towns to ensure signal timing accounts for cyclists on state and local roads.	x	x	x
3. Work with SHA, County Public Works, and Towns to identify scheduled road improvement projects which may be modified to include bicycle facilities.	x	x	x
Strategy 1.2 Provide connectivity to county, regional, and national bicycle routes.			
Actions:			
1. Work with MDOT and local jurisdictions as the East Coast Greenway and Cecil County Greenways are developed and signed throughout the County.	x	x	x
2. Work with municipalities to support the development and implementation of the countywide bicycle plan to provide connectivity between the Town and county.	x	x	x
Strategy 1.3 Integrate bicycling with public transit facilities and services.			
Actions:			
1. Work with local jurisdictions, Cecil County Transit, and DART where applicable, to examine and incorporate bicycle access during the decision making process when improvements to existing and new bus stops are planned.	x		
2. Require new and redevelopment plans to include bicycle and pedestrian elements, including the future redevelopment of train station areas and planned TODs.	x		
Strategy 1.4 Provide adequate and secure bicycle parking at all major trip destinations.			
Actions:			
1. Install and/or require bicycle parking at major destinations and activity sites and expand bike parking further when demand increases.	x		
2. Work with Cecil County Transit and SHA to provide bicycle racks at key bus stops.	x		
3. Add bicycle and pedestrian supportive language to existing County and the Towns zoning ordinance and other bicycle-friendly actions to encourage and facilitate non-motorized travel, that is supported by existing or future development.	x		

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4. Strengthen existing County and the Towns bicycle parking ordinance including bicycle rack design guidelines that incorporate key considerations for design and placement, and off-site provisions in alternate locations.	x		
5. Formalize a Bicycle Rack Program which allows the County to share the cost to purchase and install racks with local businesses within unincorporated areas.	x		
Strategy 1.5 Incorporate bicycle elements into planning activities and development.			
Actions:			
1. Incorporate the Bicycle Plan into the Transportation Element of the County's next Comprehensive Plan.		x	
2. Update County and the Towns zoning ordinance and subdivision regulations with language that requires bicycle accommodations when feasible and connects to the countywide bicycle network (when feasible require these accommodations to connect with existing and planned transit service).		x	
3. Consider bicycle and pedestrian facilities in design review procedures.	x		
Strategy 1.6 Develop an implementation plan.			
Actions:			
1. Review staff resources required for implementing the bicycle plan, including representation on a formal county bicycle advisory committee.	x		
2. Establish an inter-departmental and inter-agency bicycle plan advisory committee.	x		
3. Establish a dedicated funding stream using a portion of the Public Works and Parks and Recreation Departments' capital budget for the implementation of bicycle improvements on county owned roads.	x		
4. Create an annual budget for bicycle improvements and explore alternative funding sources.	x		
5. Establish a formal Bicycle Advisory Committee to assist with the ongoing implementation of the bike plan, address matters relating to bicycling and to raise public awareness on bicycling issues.	x		

Goal 2: Education - Teach children and adults safe bicycling techniques and motor vehicle operations

Strategy 2.1 Provide activities and educational programs with emphasis on bicycle safety and laws.

Actions:

1. Disseminate literature promoting appropriate bicycle laws, safety tips, bike commuting, etc., to the public.	x		
2. Support bicycle safety checkpoints facilitated by bike advocates, transportation staff, police officers, and volunteers.		x	

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3. Support the County Parks, Recreation Department, and other local institutions such as the Board of Education and local Universities, to spearhead a bicycle education program that encompasses riding and commuter skills, and bike maintenance.		x	x
4. Support the County Health Department and local public institutions to integrate bicycling into their existing health and wellness initiatives.		x	

Goal 3: Encouragement - Increase bicycle usage by establishing a positive image of bicycling in the community that will foster bicycle-oriented lifestyles and businesses.

Strategy 3.1 Support cycling programs and events to promote bicycling for transportation, recreation, fitness, and tourism.

Actions:

1. Formally support bicycling by adopting May Bike Month and Bike to Work Week through a resolution. Promote Bike to Work Month and Week through various local media.	x		
2. Work with the Cecil County Department of Tourism to promote bicycle tourism countywide and identify economic development opportunities.	x	x	x
3. Support and promote local Bike and Boat programs.	x		

Strategy 3.2 Involve the community in the planning and implementation of the bicycle plan.

Actions:

1. Invite residents to participate on the county or local bicycle advisory committees.	x		
2. Support online participatory mapping for residents to document their bicycling concerns that will help guide maintenance spot treatments for Public Works and SHA.	x	x	
3. Increase public awareness by using County government website to provide bicycle information, maps, and other resources.	x	x	x

Goal 4: Enforcement - Provide enforcement of traffic laws related to bicycling

Strategy 4.1 Effectively enforce laws that impact bicycle safety to reduce crashes and violations against bicyclist.

Actions:

1. Request that the Cecil County Police Department strengthen their enforcement for the rules of the road and target both cyclists and motorists.	x		
2. Request that the Cecil County Police Department reinforce statewide safety education strategies that target all users.	x		
3. Request that the Cecil County Police Department use resource and enroll in training courses regarding bike laws and safety available through MDOT, the National Highway Traffic Safety Administration, and others.	x		
4. Use data to identify high bicycle crash locations, and request county and local enforcement agencies patrol these areas.	x		

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Goal 5: Evaluation - Periodically examine and quantify the plan's implementation progress and make adjustments where necessary

Strategy 5.1 Establish systems to support and evaluate the implementation of the plan goals.

Actions:

1. Maintain a comprehensive inventory of proposed bicycle improvements and progress made on these improvements at both the countywide and local level.	x	x	x
2. Develop a list of performance measures based on the plan's goals.	x		
3. Monitor performance measures annually and update the bicycle master plan every six to ten years.	x		
4. Utilize a prioritization process to quantitatively evaluate projects that gives adequate weight to non-motorized improvements.	x		