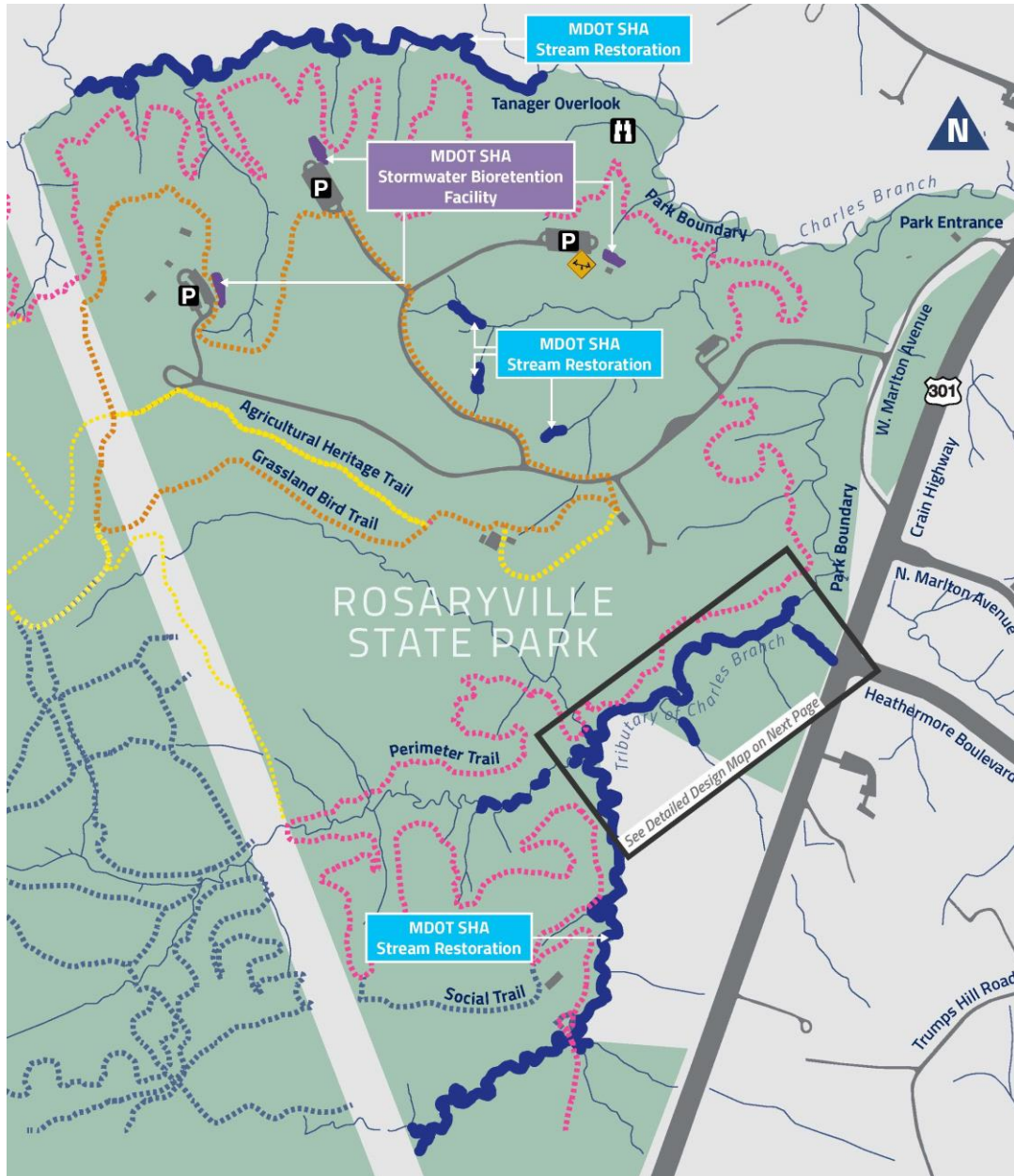


# ROSARYVILLE STATE PARK

## STREAM RESTORATION OF CHARLES BRANCH TRIBUTARIES

The Maryland Department of Transportation State Highway Administration (MDOT SHA) is partnering with the Maryland Department of Natural Resources (DNR) to improve approximately 11,740 linear feet of Charles Branch tributaries at Rosaryville State Park in Upper Marlboro. Stream restoration reduces stream bank erosion and the transport of sediment and nutrients to waterways. The stream improvements will reconfigure the stream layout to improve aquatic habitat, reduce bank erosion, and provide native plants. This work is being performed as part of stormwater discharge permits and Chesapeake Bay restoration requirements from the United States Environmental Protection Agency.



Location Map of Rosaryville State Park and MDOT SHA Stream Restoration





## PROJECT DESCRIPTION

The restoration will stabilize the existing stream banks with the goal of improving water quality within the Tributary of Charles Branch and in the downstream waters through the following design techniques:

- Increase of floodplain connectivity
- Establishment of stable habitat features such as log riffles and log jams
- Increase stream pool depth and frequency
- Manage and restore the existing forested riparian buffer
- Create wetland areas
- Stabilize outfalls with step pools and outfall cascades

