

# Pavement & Drainage Construction and Parking for Motorcycles

# 32.17.02

## Description:

The purpose of the section is to provide guidelines for UMD Standards for Drainage Design and Construction standards and Motorcycle Parking areas at the UMD campus.

## Related Sections:

- 32.17.01 Bike Lanes
- 12.93.13 Bike Racks

## Effective Date:

January 1, 2020

## Applicable Standards:

- Maryland State Highway Administration (MSHA)
- Manual on Uniform Traffic Control Devices published by the Federal Highway Administration.

## General Requirements:

- Within the development of any requirement for parking, approximately 1% of the total number of parking spaces shall be designated and configured to permit the parking of motorcycles.
- Any designated area for motorcycle parking shall have a concrete base. This pad shall be based on a dimensioned area of 4'-0" x 8'-0" for each required motorcycle space.
- Unless otherwise specified in the construction documents, all road and parking pavement construction and all storm drainage shall conform to the latest specifications, standards and details of the Maryland State Highway Administration (MSHA).
- Permanent and temporary roadway signage, striping, marking, signals or other control devices shall conform to MSHA standards or to the latest edition of the Manual on Uniform Traffic Control Devices published by the Federal Highway Administration.
- UMD standard bicycle racks shall be provided where appropriate and relate to associated required guidelines/codes.
- As required, designers are directed to coordinate with UMD PM to address any current requirements for iconic campus curb inlet storm drain markings.