A stone filter ring may be placed on roadway drainage structure inlets, such as flared end sections, to store sediment in low areas within the project. In conjunction with the stone filter ring, a retrofit BMP is recommended. For roadway drainage structure inlets, if a retrofit BMP is not provided, other sediment control BMPs shall be provided downstream of the stone filter ring. Prior to locating the project area, the stone filter ring shall be 8 feet to 10 feet upstream of the retrofit BMP. The stone filter ring is not intended to substantially impound water adversely impacting areas outside of the project.

A stone filter ring may also be used in conjunction with a retrofit BMP used on a detention pond's permanent outlet structure to provide additional sediment filtering. The stone filter ring shall be installed 8 feet to 10 feet upstream of the pond's retrofit BMP.

Stone filter rings are not recommended within roadway drainage ditches. Stone filter rings shall not be placed within state waters.

The height of the stone filter ring shall be a minimum of 24 inches with a maximum height of 48 inches. Maintain a level surface along the entire top radius of the stone filter ring.

1. Refer to the erosion, sedimentation, and pollution control plan for the location of stone filter rings. The installation of silt fence and retrofits are independent of the stone filter ring and will be paid for separately as applicable to the project.

2. See standard specifications 165, and supplements thereto for the construction and removal of stone filter rings. See standard specifications 163, and supplements thereto for the maintenance of stone filter rings.