

BMP Project Fact Sheet

NJTA Interchange 6 to 9 Widening

Mansfield Township and East Brunswick Township, New Jersey

Project Overview:

The NJ Turnpike Interchange 6 to 9 Widening Program consists of approximately 35 miles of road widening and associated interchange improvements from the vicinity of Interchange 6, in Mansfield Township, Burlington County to just south of Interchange 9 in East Brunswick Township, Middlesex County. When complete, the Widening Program will result in a 12-lane (6 in each direction) roadway capable of accommodating projected traffic needs through the year 2032.

Design Considerations:

To minimize environmental impacts, over 9400 linear feet of retaining walls were designed to minimize right of way and environmental impacts. Further, 3 wet ponds and 2 bio-retention basins were designed to improve the quality of the storm water runoff prior to discharge.

Water Quality and Quantity Benefits:

The wet ponds and bio-retention basins provide water quality benefits by allowing roadway sediments to be deposited and filtered in large grass basins and in vegetated treatment basins prior to release to receiving streams and rivers. These features also control the discharge of stormwater to regulate its flow to limit possible flooding and downstream erosion.

Permitting Issues:

The project traverses through environmentally sensitive areas. Environmental constraints include the Assunpink Wildlife Management Area, freshwater wetlands, flood hazard and riparian areas, preserved farmlands, Green Acres properties, public parklands, school properties, cemeteries, and historic sites.

Maintenance:

As part of an overall NJ Turnpike facility maintenance program, basins and swales are required to be mowed and manicured on a routine basis, with trash and debris removed to ensure they continue to function as designed.

Project Partners include the NJ Turnpike Authority, the NJ Department of Environmental Protection, various Counties, towns and municipalities, environmental and engineering consultants, and many others.



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