



KS Engineers, P.C.
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I-78 Open Road Tolling – Design/Build

Williams Township, PA

PROJECT NAME

Design / Build Services for I-78 Open Road Tolling at the Delaware River Crossing on Interstate I-78

PROJECT OWNER

Delaware River Joint Toll Bridge Commission (DRJTBC)



SERVICES PROVIDED

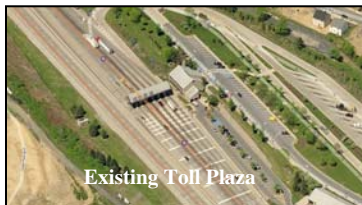
- Civil and Structural Design
- Construction Support

START/END DATES

2009 - 2010



Existing Toll Plaza



Existing Toll Plaza



Existing Toll Plaza

PROJECT DESCRIPTION

KS Engineers, P.C. (KSE) is the design engineer for AP Construction Company for this fast track Design/Build project.

On the Pennsylvania side, the existing I-78 toll facility is located in Williams Township, PA., approximately one mile west of the Delaware River. The existing toll plaza is a seven-lane facility that accommodates both manual toll collection and E-ZPass. Westbound I-78 is a three-lane freeway that widens to four lanes in the vicinity of the Cedarville Road overpass, prior to expanding to the seven lanes approximately 800 feet from the existing toll plaza.

The Commission is committed to implementing Open Road Tolling (ORT) at its I-78 river crossing. Under the I-78 ORT project, motorists equipped with E-ZPass will have the option of paying their tolls at highway speeds. ORT customers would pass under a gantry of high-speed transponder readers, avoiding the necessity of slowing down or stopping.

Interstate 78 crosses the Delaware River approximately two miles south of the confluence of the Lehigh and Delaware River, connecting Northampton County in Pennsylvania with Warren County in New Jersey. The bridge is located approximately five miles south of Easton, Pennsylvania and Phillipsburg, New Jersey. The mainline roadway includes three travel lanes in each direction.