



## Transportation

### Client

Pennsylvania Department of Transportation

### Location

Pennsylvania

## I-95 Design and Program Management, Pennsylvania

Daily traffic volumes on I-95 along Philadelphia and in eastern Pennsylvania average 100,000. Much of the Pennsylvania I-95 infrastructure is 30 to 50 years old (built from 1959 to 1985) and is in need of repair or reconstruction.

I-95 in Pennsylvania incorporates a complex network of bridge structures and roadways, which are in need of major rehabilitation. In addition, the crash rate from 2003 to 2007 along the entire I-95 corridor in Pennsylvania was significantly greater than the statewide average for other urban interstates. At certain interchanges, the crash rate approached four times the statewide average. These traffic crash rates present significant public safety issues that will be addressed in the I-95 corridor plan.

Pennsylvania Department of Transportation (PennDOT) has begun a major effort to rebuild a 5-mile section of I-95 that runs along the eastern boundary of Philadelphia. This is the first stage in the eventual rehabilitation of the entire 51-mile I-95 corridor in Pennsylvania. To help in this effort, PennDOT selected CH2M HILL for a 10-year design management contract to assist in managing the design and to develop innovative strategies for funding and delivery of this entire corridor rehabilitation. This is a unique scope whose depth and breadth has never been done by another state DOT.

The corridor links the state's most populous city, Philadelphia, with a tri-state metropolitan region, and the entire east coast of the nation. The I-95 corridor encompasses an array of land uses, neighborhoods and transportation facilities. I-95 is also a critical intermodal highway, linking transportation facilities including ports and airports, local fixed-route transit lines and services, regional and national passenger and freight rail, local residential streets and major arterials.

As design manager, CH2M HILL will manage all ongoing and future design. We will also develop innovative strategies for funding, design, construction, environmental, stakeholder management, safety, traffic management and operations, greenhouse gas reductions, and a full asset management system.

The estimated construction cost for currently active projects is approximately \$2 billion. The estimated future construction projects are estimated to total more than \$8 billion.

The complex project scope for I-95 has been divided into three parts. Part 1 involves the development of innovative strategies including funding and financing; asset management; design; construction; alternative contract delivery; safety; traffic operations; maintenance and protection of traffic; and greenhouse gas emission reduction. Part 2 will involve program design management and review of the repair and rehabilitation projects. Part 3 involves construction oversight. There will also be a significant presence in managing public involvement and environmental issues.