

# Traffic and Highway Engineering

CES provides full engineering services including traffic studies, recommendations, surveying, parcel mapping for acquisitions, design of traffic signalizations, new ramps, approaches and utility relocations as well as specifications, bidding assistance and construction engineering.

## **Cross Keys By-Pass (Gloucester County Route 689)**

A new county by-pass roadway in Washington Township/Monroe Township designed to mitigate severe traffic congestion at an existing six-way signalized intersection in a very busy area of Gloucester County. CES began the project with extensive traffic analysis and conceptual design, considering future development and zoning, environmental constrictions and regulations, socio-economic impacts, and future transportation interchanges (including an interchange with the Atlantic City Expressway). The chosen alternate led to final design of a limited access four-lane divided roadway, two new traffic signals, and revisions to an existing signal.



## **William Haines Boulevard**

Design of a 1.5-mile new municipal road connecting Route NJ 73 and Route US 30 in Waterford Township, Camden County. Project included traffic studies, complete roadway design, state highway jug handle, complete signal replacement, Municipal Aid funds, surveying, General Property Parcel Mapping for acquisition, and three stormwater management basins approved by the NJ Pinelands Commission. Construction management and inspection services were also provided by CES.



### **Some of the services that CES can provide are:**

- Traffic Counts (automatic and/or manual)
- Accident report compilation
- Roadway Scoping
- Traffic Impact Reports
- Traffic Signal Design
- Intersection Design
- NJDOT Applications & Permitting



**consulting engineer services**

Engineers, Planners, and Land Surveyors

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Surrounding Area Since 1964*