

## DESIGN STATEMENT

**FEDERAL PROJECT NO.** N/A 100% State Funded

**STATE PROJECT NO.** 94-252

**TOWN:** New London / Groton

**BRIDGE NO.** 02514A and 02514B

**LOCATION:** I-95 and TR-817 over NECR, P&W Railroad,  
Thames River & Local Roads

**DISTRICT NO.** 2

**PROPOSED WORK:** Rehabilitation of bridges, replacement of overhead sign supports,  
installation of incident management system, and replacement of  
existing navigation lights.

**FINAL MAINTENANCE RESPONSIBILITY:** To be maintained by the State.

### **PUBLIC UTILITIES:**

All utilities railroads have been notified of the project, New England Central Railroad (New London) and Providence and Worcester (Groton) will be impacted as part of the project and have provided construction cost estimates for flagging services, to be paid for under the railroad protection item. Construction agreements will be executed with each railroad entity pending advertisement of the project.

**SALVAGE:** None

### **PERMITS AND AGREEMENTS:**

United States Coast Guard Certificate of Permission Permit and CTDOT Flood Management General Certification have been processed and are approved.

### **MAINTENANCE AND PROTECTION OF TRAFFIC:**

All construction activities will be completed during off-peak travel times except for possible parapet modifications for sign replacement work. Overhead sign replacement work and associated parapet modifications will require the permanent closure of both bridge shoulders during peak and non-peak hours. Traffic detours will not be required. All other work requiring MPT will be accomplished with temporary shoulder and lane closures while maintaining at least two lanes of traffic. Temporary lane closures will also be required for the local roads below the bridge.

### **RIGHTS-OF-WAY**

Construction access on the property owned by Mohawk Northeast is granted utilizing an existing easement for highway purposes. A Notice to Contractor has been included in the specification package to depict required phasing of the work to minimize impact to Mohawk Northeast's daily operations.

Laydown areas on the New London side and Groton sides of the Thames River have been coordinated by CTDOT's Right-of-Way unit and are depicted in the project plans.

Access to the boat launch/ramp and parking areas below the Bridge in New London is granted as part of the project. A Notice to Contractor denotes that the “At no time shall the Contractor store material within the boat launch/ramp parking areas or impede access to the boat ramp launch”. Access to the boat ramp launch and surrounding parking areas on the Groton side of the Thames River is not permitted as part of the project.

**SPECIAL CONSIDERATIONS:**       None

**CALENDAR DAYS:**               462

**WORK CLASSIFICATION:**       7 – Road Construction & Rehabilitation: Limit Access Highways  
10 – Major Bridges  
11 – Bridge Painting

**PLAN DISTRIBUTION:**       Consultant Bridge Design – CLE Program

Consultant Design Engineer:   **Cardinal Engineering Associate, Inc.**  
Consultant Liaison Engineer:   **CME ASSOCIATES, INC.**