

Design Report

The project involves replacing and relocating existing overhead and side mounted highway signing on I-395 from the East Lyme/Waterford Town Line to the vicinity of Exit 88 in Plainfield and on S.R. 693 to Route 32 and also on Route 2A to Route 12.

Replacement of the highway signing will consist of removing existing overhead, side mounted and post mounted signs and installing new overhead, side mounted and post mounted signs on existing sign supports and new sign supports. Ramp signing will also be included for removal and replacement. The following Towns are affected by the project (in order from South to North):

- Town of Waterford
- Town of Montville
- Town of Norwich
- Town of Lisbon
- Town of Griswold
- Town of Plainfield

The signs within the project limits have exceeded their useful service life, have less than adequate retroreflectivity, and in some cases have evidence of sign or sign support damage. Occasionally sign legends are being revised in this corridor as required based on engineering judgement. Excluded from this project are signs that have been recently replaced by other roadway construction projects, as well as service signs and rest area signs. As a result there are several highway signs that are not intended to be replaced. The project also proposes to replace any existing sign support that is deemed “structurally deficient” by the Bridge Safety and Evaluation Unit. It is also of note that certain sign supports, even though they are structurally sufficient, may be removed due to a revision in signing. New sign sizes as well as mileage based exit numbering will be used as set by the *Manual on Uniform Traffic Control Devices (MUTCD) 2009 Edition*.