

Special Inspection – High Mast Light Towers Statewide, CT

Project Description:

Location
Statewide, CT

Owner
ConnDOT

Duration
1999 - Present

Connecticut Department of Transportation selected our firm in October of 2006 for special inspection of the High Mast Lighting Towers in New London and Hartford area. The project involves inspection of 38 structures and Ultrasonic testing of the foundation base plate welds and the anchor bolts. Final deliverables are an engineering report submitted for each structure with detail deterioration field notes and UT test report. Load rating for two kinds of the structures was performed. Maintenance memoranda were issued based on condition or degree of deterioration. Specialized camera equipment was used to photographically record the entire surface of each tower. These towers varied in height from 80ft to 175ft. A 16 inch vertical crack was discovered halfway up one mast which has since been repaired.



Salient Features

- Perform NBIS Inspection
- 135 ft reach man lifts
- Free Climbing and Rigging
- BIPPI Inspection Reports
- Structure Inventory and Appraisal