

CASE STUDY: INFRASTRUCTURE

Southeastern Connecticut Critical Facilities Assessment

Lead Agency: The Southeastern Connecticut Council of Governments (SCCOG)

Consultant: Milone & MacBroom, Inc.

Funding: The Connecticut Institute for Resilience and Climate Adaptation

Report: [SCCOG Critical Facilities Final Report](#)

Project Overview:

SCCOG, with assistance from Milone & MacBroom, conducted an assessment of 18 of the region's critical facilities that lie within storm surge or flood zones in order to identify actions that can make facilities more resistant to damage and service interruptions. The project was called for in the 2012 Multi-Jurisdictional Hazard Mitigation Plan. The assessment will allow municipalities and fire districts to take proper steps in keeping their facilities on-line during and after hazardous weather events.

The Consultant visited 16 properties, including town halls, fire stations, and police stations, to assess flood, wind, and snow load risks. They developed a memo for each site outlining the potential risks and appropriate recommendations.

Site assessments included recommendations for both short-term improvements to serve the site over the next 20 years, and long-term actions of value beyond 20 years. Five of the properties were recommended for relocation of services to less vulnerable sites in the long term (20+ years). Flood proofing measures were recommended for the other sites to enable the provision of services despite ongoing flood risks.

How Project Contributes to Rural Resiliency:

Critical facilities are vital to preparation and response to emergencies. Making these facilities more resilient requires vulnerability identification and then developing appropriate responses ranging from simple flood-proofing to re-locating the facility. This project provided clear steps to conducting such an assessment and identifying appropriate responses.

Suggestions for towns and/or COGs to assist in this type of project:

FEMA elevation certificates, prepared for sites where none had existed, were very important in the vulnerability assessment.

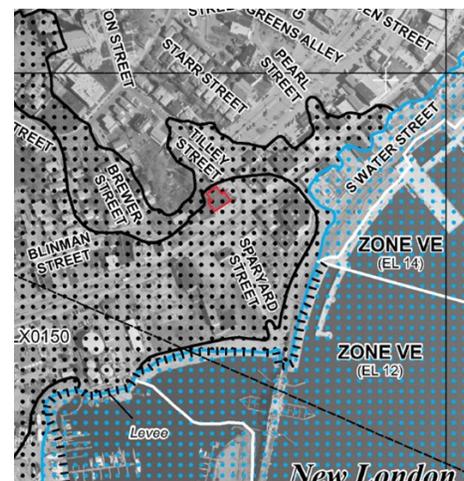


Photo Credit: SCCOG GIS/FEMA

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