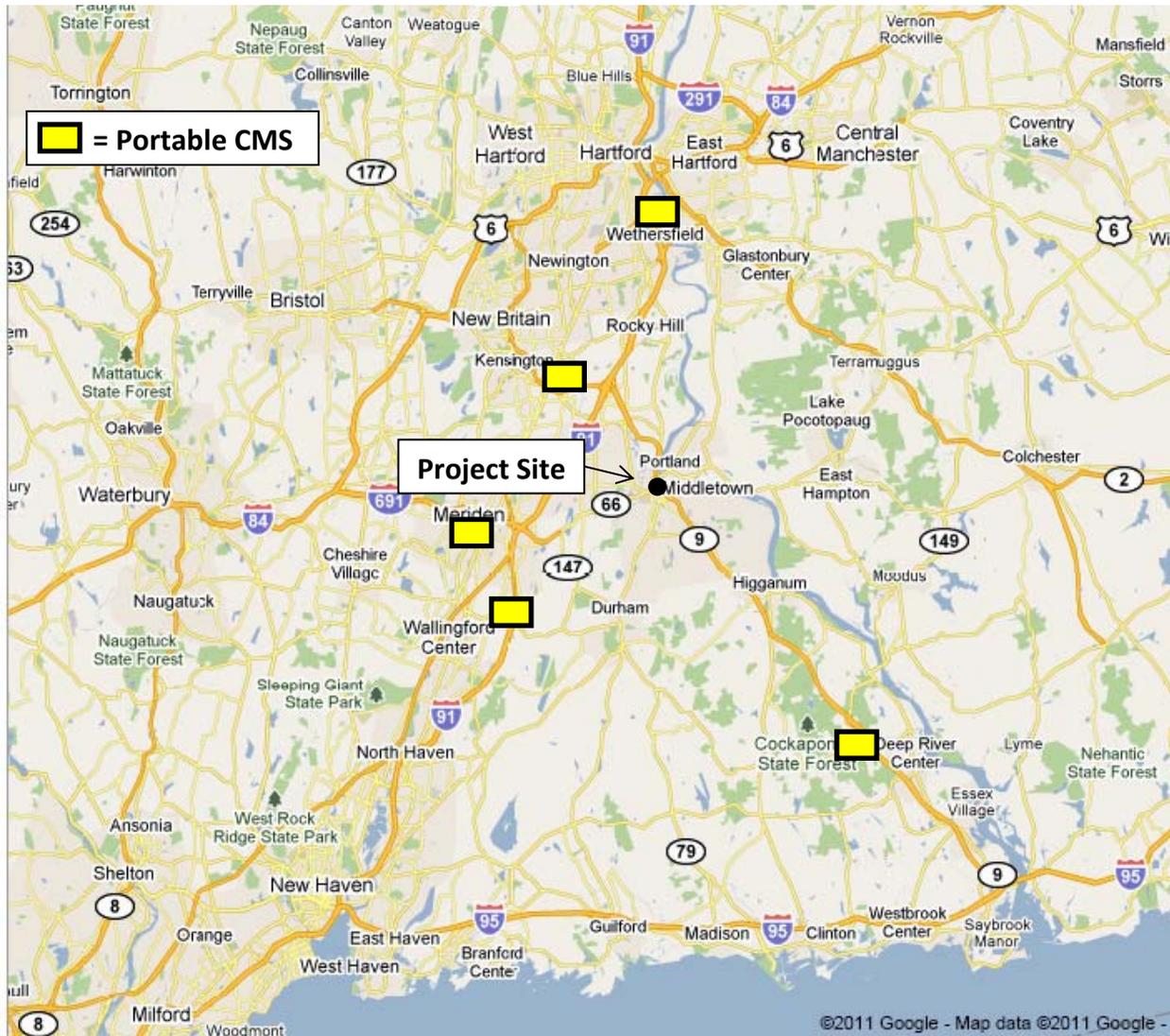


Figure 2: Approximate Location of Regional PCMS Deployment



**Table 1** Approximate Location of Portable Work Zone Management System Implementation for the Project Site

Route	Direction	Town	Location
<b>CMS</b>			
I-91	Northbound	Meriden	South of I-691
I-91	Southbound	Wethersfield	North of Rte 3
I-691	Eastbound	Meriden	West of I-91
Rte 9	Southbound	Cromwell	North of I-91
Rte 9	Northbound	Chester	South of Rte 82
Rte 66	Westbound	Portland	East of Rte 17
Rte 17	Northbound	Middletown	South of Rte 66
<b>Sensors</b>			
Rte 66/17	Westbound	Portland	Arrigoni Br/Main St

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Rte 66/17	Westbound	Portland	Marlborough St/Cross St
Rte 66/17	Westbound	Portland	Grove St
Rte 66/17	Westbound	Portland	Grandview Terrace
Rte 66/17	Eastbound	Middletown	St Johns Sq./Main St
Rte 66	Eastbound	Middletown	East of Rte 3
Rte 17	Northbound	Middletown	S.Main St/Achenson Dr.
<b>CCTV</b>			
Rte 66/17	Westbound	Portland	Arrigoni Br/Main St
Rte 66/17	Eastbound	Middletown	St Johns Sq./Main St

## 4.2 System Calibration and Configuration

### 4.2.1 The Portable Work Zone Management System shall provide the following:

4.2.1.1 The Portable Work Zone Management System software shall be configured so that appropriate personnel at the Construction Field Office and Contractor are notified by email each time a malfunction has occurred in the system and a malfunction record is made in the database. Configure the software so that any number of approved personnel can be notified in this manner. The text message shall also display an error message for the device or devices affected. Through the Contractor, the Portable Work Zone Management System Webpage Integrator shall be responsible for this notification procedure.

4.2.1.2 The Portable Work Zone Management System shall be configured to provide current operational and location status (i.e. current traffic data and messages, communications system, signs and sensors as well as lat/lon of all deployed devices) via the Internet to a dedicated Website established for the purpose of monitoring the corridor and the Portable Work Zone Management System equipment. Placement of all devices will be shown on the dedicated Website using lat/lon coordinates. The placement of these devices on the website shall be approved by the Engineer prior to release of the website.

4.2.1.3 The Portable Work Zone Management System shall be configured to assess any type of malfunction that has occurred. This assessment includes communications disruption between any device in the system configuration, changeable message board malfunctioning, speed sensor malfunction, loss of power, low battery, etc. This malfunction information shall be sent via email in text format to the Engineer and/or Contractor as designated by the Engineer for each occurrence.

4.2.1.4 To support incident management, the Portable Work Zone Management System shall be configured to allow project staff to manually override motorist information messages for a user-specified duration, after which automatic operation will resume with display of messages appropriate to the prevailing traffic conditions. Any overriding message needs to have the message content and the username logged into the database.

## 4.3 Portable Work Zone Management System Website

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