

# ArcGIS/Data Management

## METFON Emergency Fiber Network

### Massachusetts

**Duration:** 2012  
**Project Cost:** \$1,000,000  
**Firm Fee:** \$50,000  
**Role:** Sub-consultant

TrafInfo Communications, Inc. (TrafInfo) was part of the consultant team for the METFON project. TrafInfo’s main task was to develop two GIS layers using ESRI’s ArcGIS: one mapping the fiber paths and a second mapping the network connections in Massachusetts.

TrafInfo compiled existing and proposed fiber and manhole information through a comprehensive review of existing as-built plans from prior projects executed by the City of Boston, MassDOT, MBTA and Massport. The geographic coverage included the entire City of Boston as well as the entire length of I-90 (MassPike) from Boston to the New York State Line. A database was created with attribute information for each layer including fiber and manhole ownership.

The GIS database included network connections proposed under the METFON project.

