

6.2.2

Interactive Maps Replacing On-Line PDF Documents: Proposed Web Application for the 2014 Boston Region Transportation Plan

Presenter

Mary McShane

Chief Transportation Planner

CTPS

mmcshane@ctps.org

Co-Presenter

In 2011, the Needs Assessment document for the Boston Region's Long Range Transportation Plan displayed GIS maps of socioeconomic, transportation and environmental data created using ESRI's ArcMap software. These were exported to PDF format, to be incorporated as static maps within document chapters, which were then published on the CTPS website in the traditional way (<http://www.ctps.org/Drupal/>). For the next-generation Needs Assessment, a web application is being developed which will display maps on-line using open source software (OpenLayers, Geoserver) with GIS data layers. The application will permit live interaction with, and manipulation of, maps by users; and will allow users to download data tables for their own review/analysis. New data can easily be added or updated as it becomes available. The framework and application prototype have been completed and will be displayed (LIVE, if possible). Work is currently underway to refine application performance and to add data.