

INSTRUCTIONS

Viewing PDFs associated with the
Draft FYs 2008-2011 Transportation Improvement Program

Overview

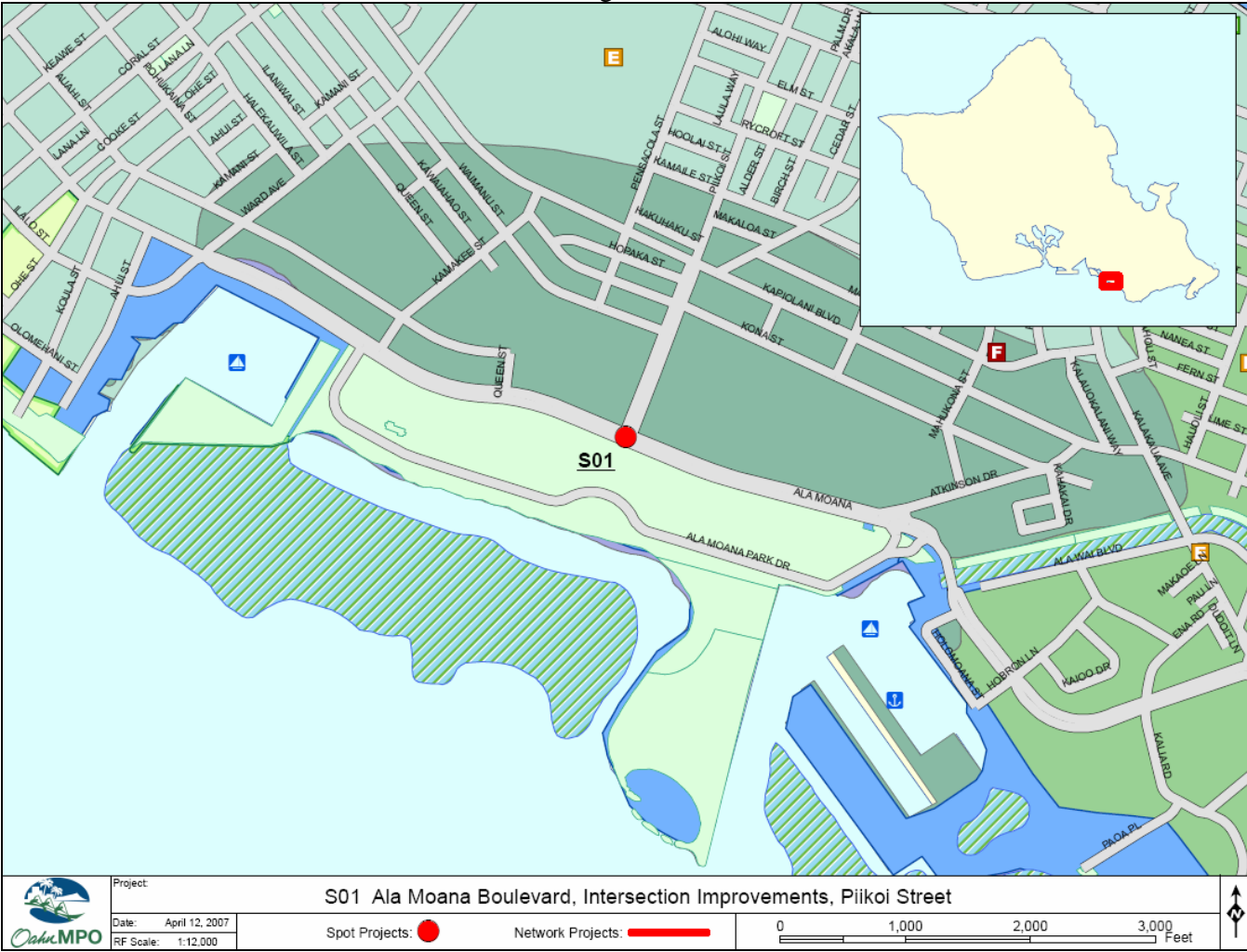
In an effort to visually describe the projects proposed in the draft *FYs 2008-2011 TIP*, geographic information systems (GIS) layers have been compiled and PDF maps drawn. The purpose of these maps is to illustrate the project location with land use management, natural resources, environmental protection, and conservation data already available for Oahu. Such overlays may assist reviewers of the TIP in comparing the proposed projects with conservation plans as well as inventories of natural and other resources. This information was developed using ArcGIS, version 9.2.

Instructions for Viewing the Interactive Maps

On the OahuMPO website, you will find one hundred four (104) PDF maps, each representing a unique “mappable”¹ project in the draft *FYs 2008-2011 TIP*. Each PDF file is directly identifiable by its project number. For example, “S01.PDF” corresponds with the Project S01, as shown below in Figure 1.

¹ Projects that could not be mapped, and were therefore, not considered to be “mappable,” were projects such as “bus acquisition” or projects that did not have information available.

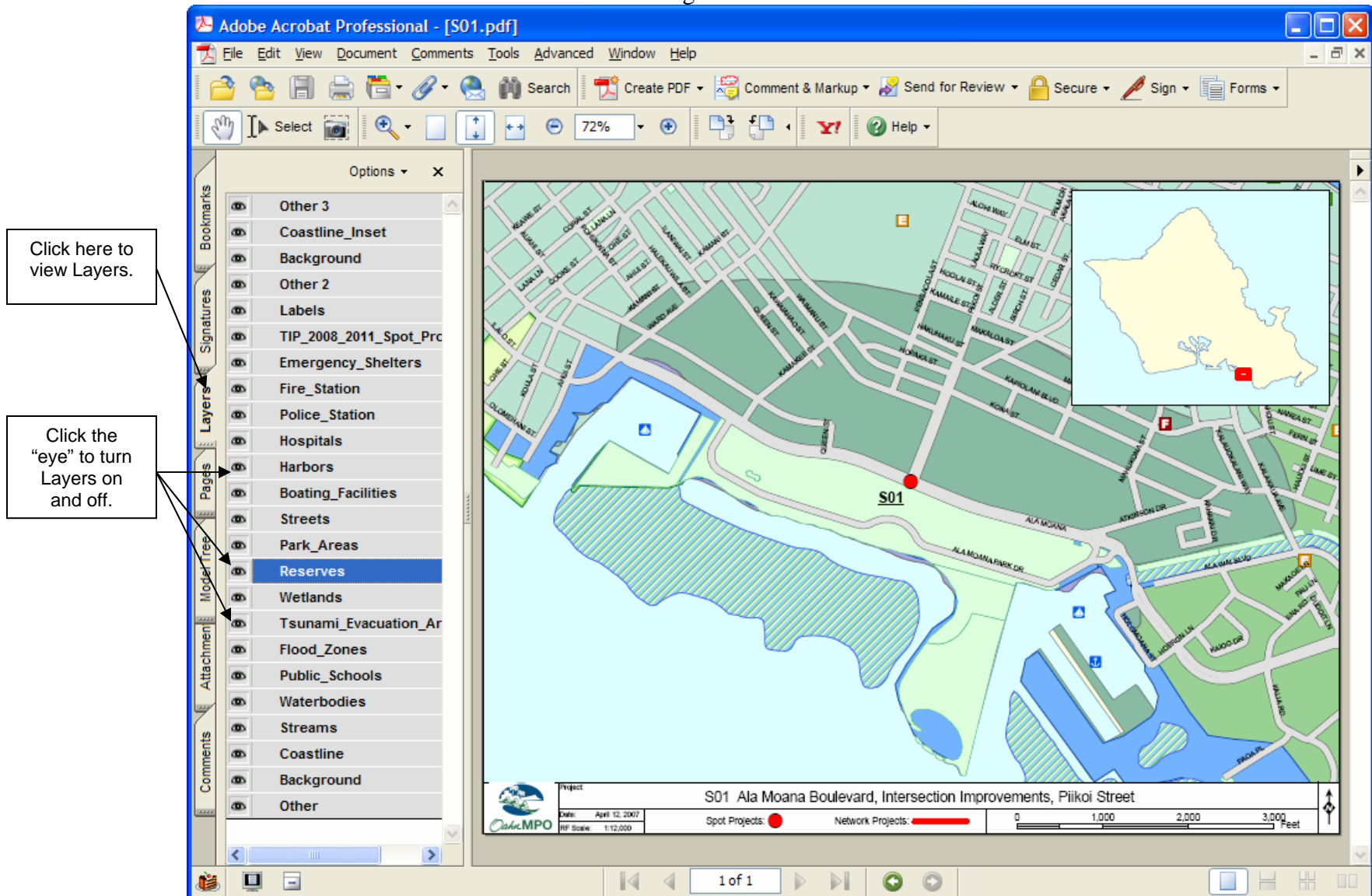
Figure 1



Project PDFs

Opening the PDF in Adobe Reader will allow the viewer to see numerous layers of data information. To view the layers, click the “Layers” tab to the left of the screen, identified in Figure 2. A listing of layers will appear. By clicking the “eye” to the left of each layer, the layer can be turned on or off. (The default is for all of the layers to be turned “on” when the PDF is opened.)

Figure 2



Some PDFs may have more or less layers from which to choose to turn on or off. Only those layers that were readable at the scale in which the map was produced and those that were appropriate were included in the map. For example, if a project is located in the Mililani area, outside of a tsunami evacuation area, the “Tsunami_Evacuation_Area” layer may have been determined to be inappropriate to include and, therefore, was not likely to be included in the list of layers.

A legend is available for download on the Interactive maps webpage. The following layers are available:

- TIP Projects (only one project is identified per map)
 - Spot Projects (TIP projects that are identifiable at an intersection or bridge location)
 - Network Projects (TIP projects that are along an existing roadway; note that the locations of new roadways may change considerably as the planning, design, and construction phases proceed)
- Transportation
 - Roadways (freeways, highways, streets)
 - Na Ala Hele Trails
 - Harbors
 - Boating Facilities
 - Airport Runway & Taxiway
- Emergency Services
 - Emergency Shelters
 - Fire Stations
 - Public Schools
- Police Stations
- Hospitals
- Natural Resources
 - Parks
 - Streams
 - Critical Habitat Elepaio
 - Critical Habitat Plants
 - Fishponds
 - Reserves
 - Restricted Watershed
 - Wetlands
- Administrative Areas
 - Hawaiian Homelands
 - Tsunami Evacuation Area
- Flood Zones



The layers can be viewed in Adobe Reader, versions 7.0 and higher. To download a free reader, go to the following website:

<http://www.adobe.com/products/acrobat/readstep2.html>

Projects that are not mappable:

Of the 114 individual projects described in the draft TIP Project Listing, 104 were mappable. The following projects do not have PDF maps:

- C02 Bridge Inspection and Appraisal
- C08 Seismic Bridge Retrofit
- C16 Bus and Handi-Van Acquisition Program
- C18 Intra-Island Ferry
- C20 Preventive Maintenance
- C21 Transfer to FHWA for Vanpool
- C23 West Oahu Bus and Handi-Van Maintenance Facility
- C24 Windward Transit Center
- S14 Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway, System Manager
- S95 Vanpool Program, Oahu

Tell us what you think of the PDF maps and instructions

This is a first for us in terms of distributing PDF maps and instructions. It would be helpful for us to know whether or not providing this information was useful to you, the viewer. We want to know whether or not the layers on the draft TIP maps were helpful in understanding the location of the project and its relevance to land use management, natural resources, and other data, and their relative effectiveness. Also, it would be helpful to know if the location map on each project information sheet (see project listing) would have been enough information. Constructive criticism is welcomed! Send email to ompo001@hawaii.rr.com with the subject line “TIP Maps”.