



Ms. Mahua Mazumdar
U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration
Office of Acquisition Services, PHA-30
1200 New Jersey Avenue, SE, E22-230
Washington, D.C. 20590

Project Name: U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration
Technical Assistance Grant 2013

Regarding: "Technical Assistance Grants Program 2013"

Agreement No.: DTPH56-13-G-PHPT07

Total Amount of the Grant Agreement: \$50,000.00

Government Funds Obligated: \$50,000.00

PHMSA Line of Appropriation: 5172A 13DA0.2013.PSGRT04020.50D0204000.41050 PR# 956-13-0036

Date Prepared: August 8, 2014

Report Period: October 1, 2013 – July 29, 2014

Alameda County Project Reference: UR413269

Psomas Project Number: 4ALA010137

CURRENT PERIOD PROJECT STATUS

Psomas is working with Alameda County Public Works Agency (PWA) to accomplish the project tasks compliant with the grant requirements and scope of approved work. The project is on schedule and budget with no project variances expected.

WORK ACCOMPLISHED DURING PAST PERIOD

1. Selected project consultant, Psomas.
2. Project Kickoff meeting held at PWA to review project scope, approach, roles and responsibilities Initial Gas pipeline mapping and GIS viewer requirements determined during the project kickoff meeting guided by the grant wording and internal PWA requirements.
3. County signed data use agreement with Acquired data from National Pipeline Mapping System, USDOT Office of Pipeline Safety. GIS based gas pipeline data was downloaded and evaluated.
4. An Esri GIS map view was set up based on the USDOT data. The map view provides access to individual pipeline attribute information and defines visual presentation characteristics.

5. Created a GIS map prototype combining gas pipeline information, basemaps, parcels, geologic hazards, population density, and other information. Presented the pilot GIS viewer to PWA for initial comment and conceptual design review.
6. Set up secure GIS map services based on the initial prototype. The map services require user authentication by the authorized user of the data per the USDOT use agreement.
7. Developed Web based secure GIS Gas Pipeline viewer in Geocortex essentials that provides the ability to view various GIS data layers along with gas pipeline information. Tools include locating areas of interest, viewing pipeline data, viewing pipeline ownership, linking to street view and pictometry images to see site details, and identifying land parcels and ownership information in close proximity to gas pipelines. Conducted PWA user requirements and GIS Gas Pipeline viewer briefing and workshop with Public Works, Sheriff, Fire, and other County representatives.
8. Prepared data maintenance procedures in draft form.
9. Developed specifications for PC computer to present public presentations.
10. Researched and priced equipment and in process of acquisition.

If you have any questions, please feel free to contact me at (510) 670-6452 or via email at paulk@acpwa.org.

Sincerely,



Paul J. Keener
Senior Transportation Planner

K/dc