



SAN FRANCISCO PLANNING DEPARTMENT

Major Environmental Analysis Archeology GIS Internship Summer 2009

Archeological Mapping Project*

Project Scope

- develop GIS-format archeological site information (geo-referencing historic maps & archeological site information, developing spatial data layers with site attributes)
- Develop attribute tables for project archeological property type (ex. buried Gold Rush period ships) based on analysis of related archeological and historical data.
- Integrate site information with an archeological documentary database.
- Prepare user manual documentation for project

The Planning Department maintains an on-going archeological mapping & database project that uses GIS to create maps and associated databases for distinct San Francisco archeological themes. To date Archeo GIS projects have been completed for Prehistoric San Francisco, Hispanic Period San Francisco (1776-1848), and Yerba Buena Period San Francisco (1835-1850). and Various archeological themes yet to be developed include Shipwrecks and Buried Ships, the Gold Rush Period, Cemeteries, Child-Saving Charities, 19th Century Industrial sites, Prostitution Houses, 19th Century Public Amusements, 19th Century Refuse, and distinct themes for individual ethnic/racial/ethno-religious groups important in San Francisco history including the Chinese, Jewish, Russian, French, German, and African-American. In addition to GIS skills, the internship may require some primary literature research but this will vary on the archeological theme selected. The Summer Intern and MEA will select an archeological GIS theme for the Summer 2009 Internship Project based on intern's interest and expertise.

REQUIRED SKILLS

GIS, preferably ESRI GIS programs (ArcGIS, ArcEditor, ArcView)

Desirable: Experience or interest in urban archeology.

**Please submit a portfolio for this project demonstrating ability/knowledge of GIS and cartographic skills.*

MEA contacts: Randall Dean (randall.dean@sfgov.org) and Debra Dwyer (debra.dwyer@sfgov.org)

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377