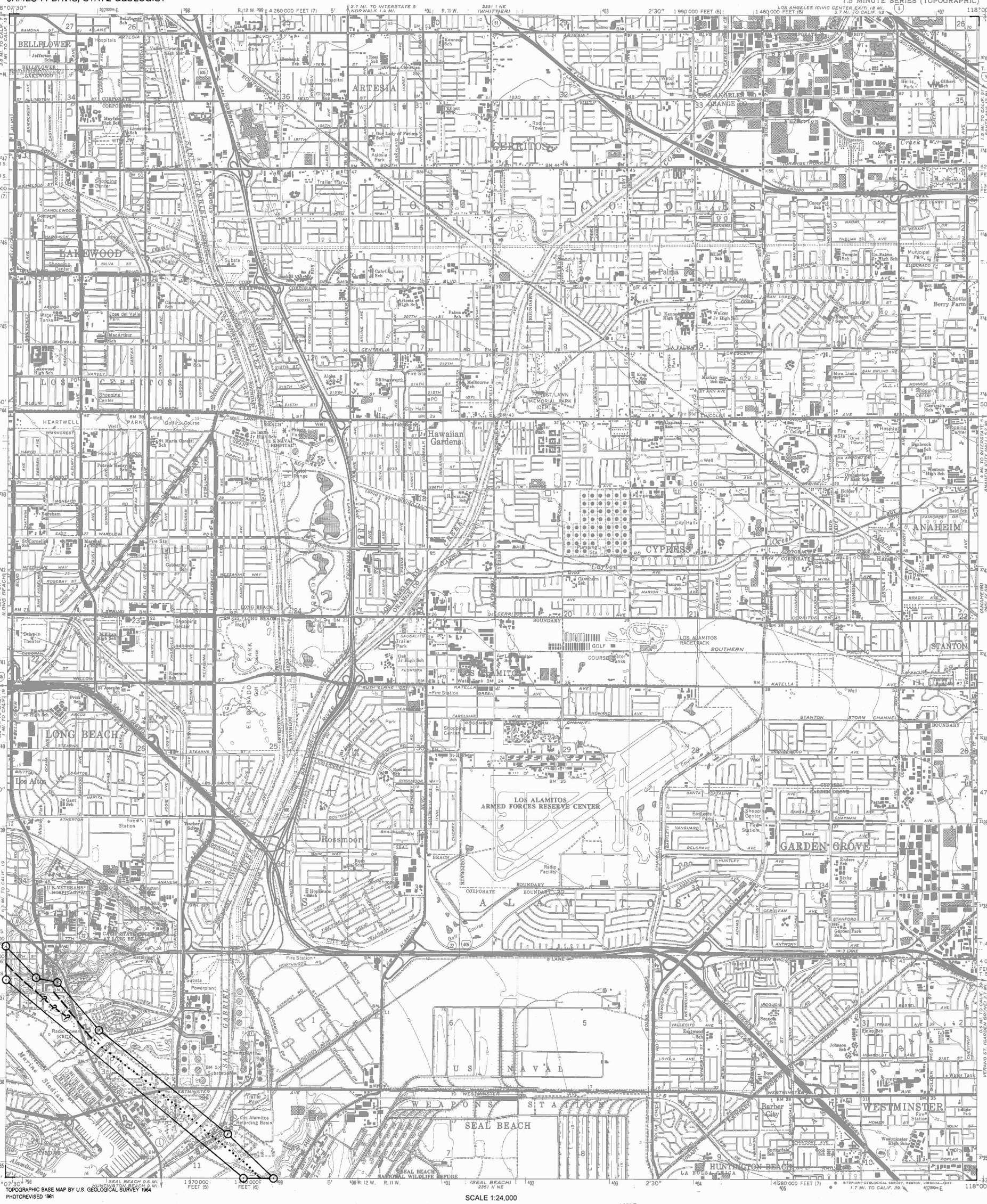
DIVISION OF MINES AND GEOLOGY
JAMES F. DAVIS, STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

LOS ALAMITOS QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)




TOPOGRAPHIC BASE MAP BY U.S. GEOLOGICAL SURVEY 1964
PHOTOREVISED 1981

SCALE 1:24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET

## MAP EXPLANATION

**Potentially Active Faults**

1906 C — Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

**Special Studies Zone Boundaries**

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.

# STATE OF CALIFORNIA
# SPECIAL STUDIES ZONES

**Delineated in compliance with**
**Chapter 7.5, Division 2 of the California Public Resources Code**
***(Alquist-Priolo Special Studies Zones Act)***

LOS ALAMITOS QUADRANGLE

**REVISED OFFICIAL MAP**
Effective: July 1, 1986

James F. Davis State Geologist

## REFERENCES USED TO COMPILE FAULT DATA

Los Alamitos Quadrangle


Bryant, W.A., 1985, Southern Newport-Inglewood fault zone, southern Los Angeles and northern Orange Counties: California Division of Mines and Geology Fault Evaluation Report FER-172 (unpublished).

Poland, J.F., Piper, A.M., and others, 1956, Ground water geology of the coastal zone, Long Beach-Santa Ana area, California: U.S. Geological Survey Water-Supply Paper 1109, 162 p., 8 plates, scale 1:31,680.


For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at the DMG office in Pleasant Hill.

## IMPORTANT - PLEASE NOTE

1) *This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the special studies zones.
3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
4) Fault information on this map is not sufficent to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.