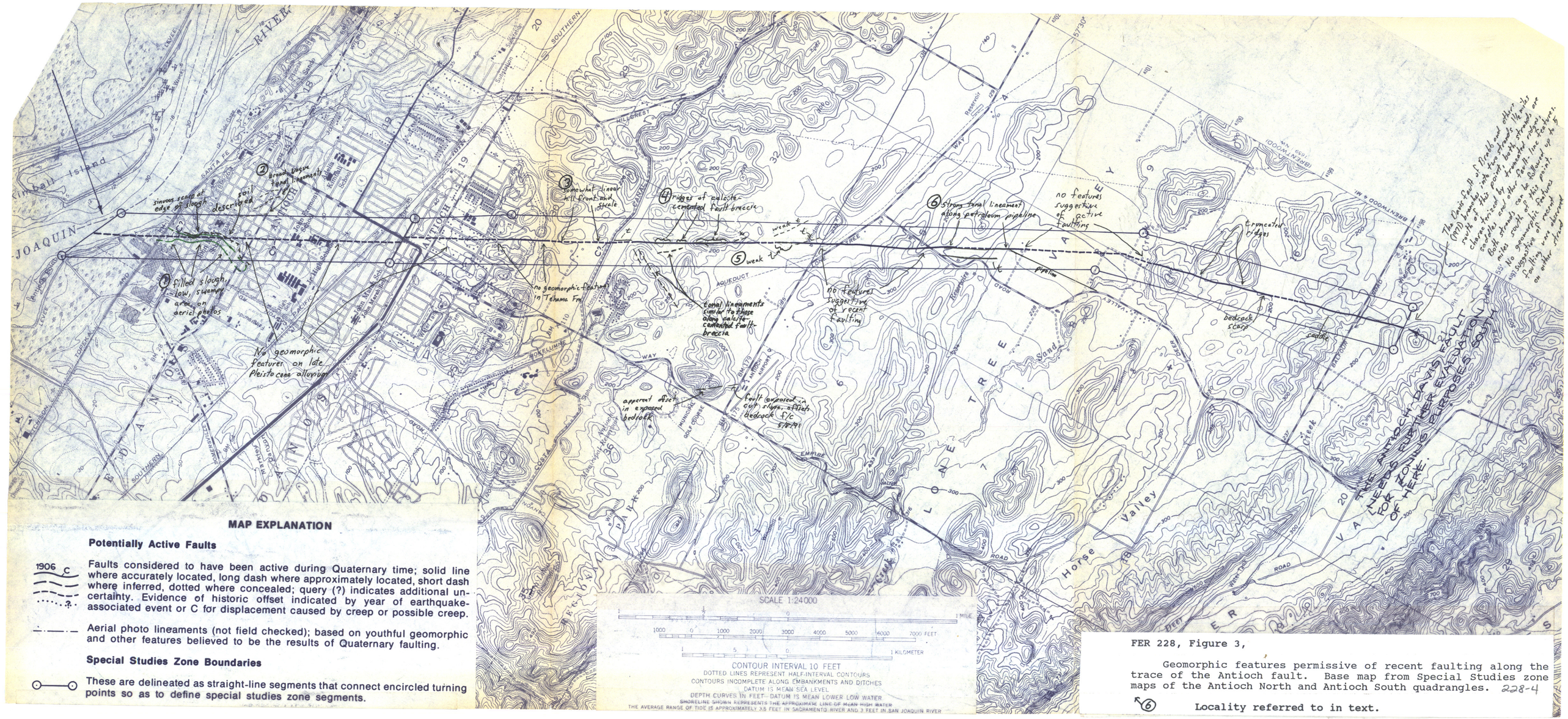
MAP EXPLANATION
Potentially Active Faults
1906 C
Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.
Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.
Special Studies Zone Boundaries
These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.
SCALE 1:24000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS
CONTOURS INCOMPLETE ALONG EMBANKMENTS AND DITCHES
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET- DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 3.5 FEET IN SACRAMENTO RIVER AND 3 FEET IN SAN JOAQUIN RIVER
Broad vague tonal lineaments
sinuous scarp at edge of slough
soil described
filled slough, low, swampy area on aerial photos
No geomorphic features on late Pleistocene alluvium
Somewhat linear hill front and steep
ridges of calcite-cemented fault breccia
weak
weak
No geomorphic features in Tehama Fm
tonal lineaments similar to those along calcite-cemented fault-breccia
apparent ditch in exposed bedrock
fault exposed in cut slope, attitude bedrock f/c
No features suggesting of recent faulting
strong tonal lineament along petroleum pipeline
no features suggestive of active faulting
truncated ridges
bedrock scarp
saddle
The Clear Fault of Grebb and other (1971) branches into two strands. Neither of this point both strands are characterized by truncated ridges, saddles and other fault-line features. Both strands can be followed up to 5 miles south of this point. No geomorphic features suggestive of recent faulting were observed on either strand
THE ANTIOCH BAYS FAULT MAY EXTEND FURTHER SOUTH OF HERE
FER 228, Figure 3,
Geomorphic features permissive of recent faulting along the trace of the Antioch fault. Base map from Special Studies zone maps of the Antioch North and Antioch South quadrangles. 228-4
Locality referred to in text.