

F00017

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

DESCRIPTIVE REPORT

Type of Survey **Field Examination**
Field No.
Registry No. **F00017**

LOCALITY
State **California**
General Locality **San Francisco**
Sublocality **Vicinity of Golden Gate Bridge**

.....
1936
.....
CHIEF OF PARTY

LIBRARY & ARCHIVES

DATE

F00017

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as: FE No.3 1936

FEB 19 1936

F. E. 3 (1936)

DESCRIPTIVE REPORT
TOPOGRAPHY - VICINITY OF GOLDEN GATE BRIDGE

January, 1936

Acc. No.

R. H. S.

The purpose of this topography was to locate the piers, pylons and cable anchorages of the Golden Gate Bridge and also to show any changes in the shore line and adjacent features. No topographic sheet was available for this area and a new projection, scale 1:10,000, was drawn for the work.

All data showing the location and size of bridge structures was obtained from the Golden Gate Bridge engineers and the data was plotted on the sheet in the office and checked in the field by taking cuts at various places. The structures shown on the topographic sheet are the ground plans and will vary slightly in size from the sections at higher elevations.

In their present condition the structures vary in prominence as follows: North and South bridge towers; 2 - pylons on south end of bridge; and north and south anchorages. The pylons are several hundred feet high and are small enough to appear as distinctive structures but the anchorages are massive and a distinct spot is difficult to distinguish.

Both bridge towers are located on the projection by good control, the north tower being directly over a triangulation station and the south tower being plotted by distance and azimuth from a triangulation station. The towers, Alcatraz Light House and Fort Point Light House were used for control when running in the shore line.

In the vicinity of the north tower several temporary construction houses were not shown in the immediate vicinity of the Lime Point L.H., and also the old houses on the side of the hill below the north anchorage. A temporary concrete mixing plan immediately back of the aggregate wharf also was not shown. *The shore line west of the north pier was located by slim cuts and may vary from the true location. It was not practical to rod in this section of the shore line.

In the vicinity of the south anchorage the old houses on top of the bluff and a temporary building immediately south of the old fort were not shown.

The wharf immediately east of the old fort is now being torn down and the material is to be used in another location so it is probable that the removal will be complete within several months.

Respectfully submitted,

G. R. Fish

G. R. Fish,
Jr. H. & G. E.

Forwarded:

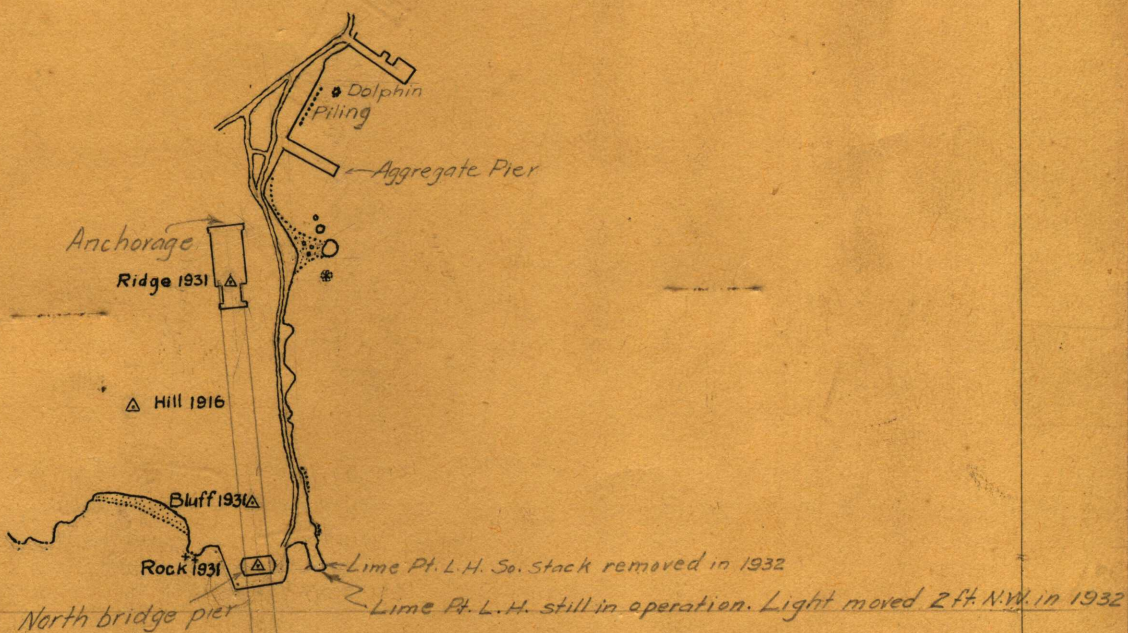
Thos. J. Maher
Thos. J. Maher,
Inspector, C. & G. Survey.

* What does Fish think we
could use this shoreline for?
TJB

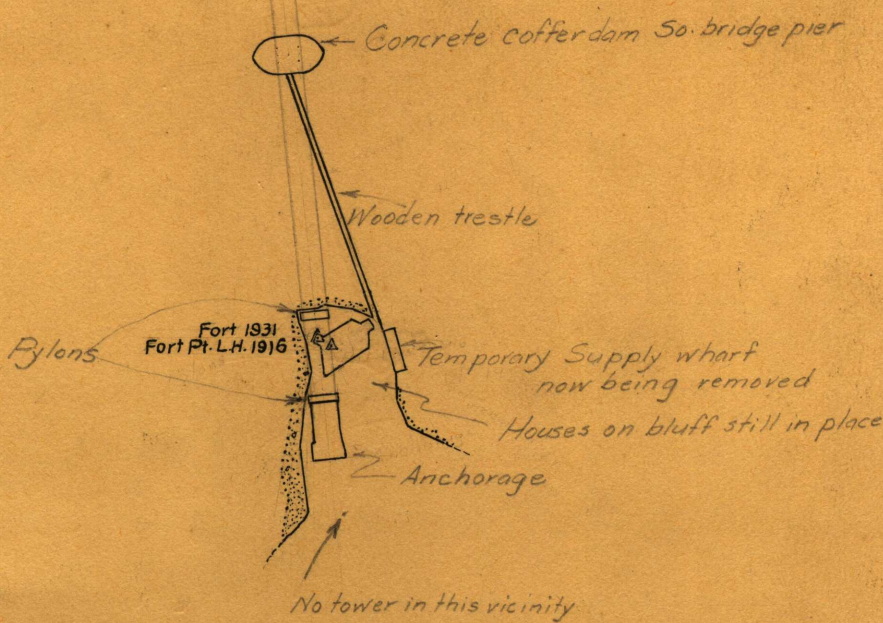
80 - For negative as Field Examination
Mr. Storm
of Chart Section.

TJB

Feb 13/36



Cables at 90 ft centers now being spun



TOPOGRAPHY - GOLDEN GATE BRIDGE

San Francisco - Calif. February 1936.

Topographic Sheet:	SHEET NO.	Date
Scale	1:10,000	
Projection by	S.P.F.	1-31-36
Projection verified by	E.E.S.	2-1-36
Triangulation stations plotted by	S.P.F.	1-31-36
Triangulation stations verified by	E.E.S.	2-1-36

▲ Fort 1931 Lat. 37° 48' 38.522" - 1187.7
 Long. 122° 28' 35.006" - 856.3

1927 Datum
 1127 Datum