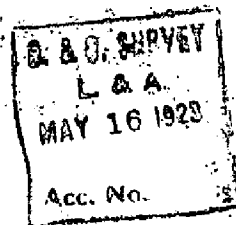


4020

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Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	<i>Topographic</i>
Field No.	Office No. <i>4020</i>
LOCALITY	
State	<i>California</i>
General locality	<i>San Pablo</i>
Locality	<i>Bay.</i>
<u>1942</u>	
CHIEF OF PARTY	
<i>O.W. Swanson</i>	
LIBRARY & ARCHIVES	
DATE	

4020



Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *California*

11-5613

DESCRIPTIVE REPORT.

Topo Sheet No. *7* 4020

LOCALITY:

Napa River

San Pablo Bay

Napa River, Coon I. to Napa

1922

CHIEF OF PARTY:

O. W. Swainson

DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET NO 7.

REVISION SURVEY OF NAPA RIVER

UNDER INSTRUCTIONS OF JUNE 1921.

This sheet extends from the lower end of Edgerly Island northward to Napa. The work was started and completed in May 1922. It was done by one officer and three or four men working from the ship and getting about in either the motor sailer or a small dory.

The usual plane table methods were used. No traverses were run since there were plenty of signals determined by triangulation, insuring a three point fix and check on all parts of the sheet.

No extraordinary changes were found. The most noticeable were the levees that have been built since the last survey and the amount of reclaimed land resulting from them. Practically all of this reclaimed land is under cultivation or being used for grazing purposes. The levees are good, substantial ones and more of them are being built at the present time. As noted on the sheet, a number of small lakes and sloughs have ceased to exist due to the levees.

The highway leading south from Napa past the Insane Asylum can be shown as a first class road thru its entire length. Its present construction is concrete. The road from Napa to Sonoma also can be shown in good condition.

Outside of a slight change around Suscol the locations of the various lines of the Southern Pacific R.R. are the same as shown on the chart. The location of the San Francisco, Napa and Calistoga^{Ry} is not shown on the old chart. It can be taken from the U.S. Geological Survey Maps (Mare Island and Napa Quadrangles).

Accompanying this report is a blue print showing the street layout of Napa. This was obtained from the City Engineer of Napa. Also see the chart #5533 upon which is marked the topographic features to be omitted and those which still exist as shown.

Plane table positions are given on a separate sheet.

Robert W. Byrns
Robert W. Byrns
Aid U.S.C. & G.S.

PLANE TABLE POSITIONS

Object & Description	Latitude	D.M.	Longitude	D.P.	Remarks
Water Tank	38 15'	825	122 16'	1270	Center
Shack	38 16'	865		1379	"
Black Tank		1337		1160	"
Flag	38 13	1524	122 17	1155	
Ratto's Landing		1718		573	E.Gable of shed
" "		1719		541	" " "
Windmill	38 14	1064		11	Center
Shed		1520		350	Center of shed on small dock
Transmission Pole	38 15	278		350	Top
Oil Sign		1719		1384	Center
Square Tower	38 16	1055		908	Top
Tower "Dub"		1569		575	Top
Red Tank	38 17	369		213	Tank at Sawyers Tannery Co.
Windmill	38 12	51	122 18	1220	Center
Water Tank		1038		507	
Mast	38 13	1092		597	On Cuttings Wharf
Ventilator on barn		1162		829	
Windmill	38 12	667	122 19	1232	Center

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 4620 #7

State California

General locality San Pablo Bay

Locality . . . Upper Napa River, Coon Island to Napa

Chief of party O. H. Swainson

Surveyed by R. W. Byrns

Date of survey April - May, 1922

Scale . . . 1:10000

Heights in feet above

Contour interval feet.

Inked by R. W. B. Lettered by R. W. B.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet Blue Print.

of the city of Napa. see accompany chart.

Remarks: