DEPARTMENT OF COMMERCE
U. S. G. S. AND GEODETIC SURVEY
Director

State: CALIFORNIA

DESCRIPTIVE REPORT
Sheet No. 5287

LOCALITY
Sacramento-San Joaquin Delta

TRACY

CHIEF OF PARTY
L. P. Raynor
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

AIR PHOTO
TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field Letter A
REGISTER NO. 5287

State CALIFORNIA

General locality SACRAMENTO SAN JOAQUIN DELTA

Locality TRACY

Scale 1:10,000 Date of Photograph January 3, 1932

Date of survey Compilation Dec. 27, 1933

Vessel Army Air Corps FLA airplane

Chief of Party Lieut. L. F. Raynor

Surveyed by Photographs plotted by S. R. Lane, Dec. 27, 1933

Inked by W. J. Miguola

Heights in feet above to ground to tops of trees

Contour Approximate contour Form line interval feet

Instructions dated August 2, 1933 and September 21, 1933

Remarks Compilation of aerial photographs Ma. 1031 - 1217, inc.

Reduced to scale and printed by photo lithographic process
**JOB SHEET "A"**

<table>
<thead>
<tr>
<th>DESCRIPTION OF WORK</th>
<th>WORK DONE BY</th>
<th>DATE COMPLETED</th>
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<tbody>
<tr>
<td>Polyconic Projection</td>
<td>S.B. Lane</td>
<td>December 26, 1933</td>
</tr>
<tr>
<td>Projection Verified</td>
<td>S.S. Whitehead</td>
<td>December 26, 1933</td>
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<td>Control Plotted</td>
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<td>December 26, 1933</td>
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<td>Compiled in Pencil</td>
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<td>December 27, 1933</td>
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<td>Inked</td>
<td>W.J. Mignola</td>
<td>January 30, 1934</td>
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<td>Macutures</td>
<td>W.J. Mignola</td>
<td>January 30, 1934</td>
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<td>Proofreading</td>
<td>T.P. Pendleton</td>
<td>February 2, 1934</td>
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<td>Names Attached</td>
<td>Various Members of Party</td>
<td>February 28, 1934</td>
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<tr>
<td>Descriptive Report</td>
<td>S.B. Lane</td>
<td>February 28, 1934</td>
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PROJECT NO. H.T. 153

DESCRIPTIVE REPORT

To Accompany

SHEET "A"

TRACY, CALIFORNIA

L. P. Raynor, Lieut., C.& G.S., Chief of Party

See report for Sheet No. T-5027 for information which applied to the entire project.

GENERAL INFORMATION

Area of sheet, 0.8 square miles.

There are no rivers or sloughs on this sheet.

This sheet includes only that portion of the Lincoln Highway between the south neat line of Sheet No. T-5040 and the south neat line of Sheet No. T-5029, and a portion of the City of Tracy.

The Lincoln Highway is concrete paved and a portion of the highway system of the State of California. It is also, in this place, U.S.No.50.

PHOTOGRAPHS

Photographs Nos. 1201 to 1217 inc. were used to compile this sheet. They were taken January 3, 1932 between 1:30 and 2:30 p.m.
CONTROL

Tracy Water Tank and Tracy Municipal Water Tank were triangulated by J. Bowie in 1931. Tracy is a U.S.G.S. station. All control has been adjusted to 1927 N.A. Datum.

The locations shown in the following table are the values used in compiling this sheet.

TABLE OF CONTROL

<table>
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<tr>
<th>DESCRIPTION</th>
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<th>Y</th>
<th>Error</th>
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<td>Tracy, Water Tank, 1931</td>
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<tr>
<td>Tracy Municipal Water Tank, 1931</td>
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<td>44</td>
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<tr>
<td>Tracy, U.S.G.S.*</td>
<td>37</td>
<td>44</td>
<td>18.804</td>
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COMPILATION

This sheet was compiled by the radial line method. It was completed in pencil before being inked.

Information as to the trackage in the Tracy yard of the Southern Pacific was secured from the office of the Division Superintendent. Street names in Tracy were checked in the office of the County Assessor of San Joaquin County.

LANDMARKS AND RECOVERABLE OBJECTS

For list of landmarks and recoverable objects see general section of report for Sheet No. T-5027

RECOMMENDATIONS

This sheet is believed to have a probable error of less than five meters in all places.

* This station was not connected to by U.S. G.S. triangles and the only data in this office is the position given here and as plotted on the sheet.
Title (Par. 56)

Chief of Party L.P. Raynor

Project 153 H & T.

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 8; and 16, a, b, c, d, e, g and i.)
   Yes

2. The character and scope of the compilation satisfy the instructions and the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".
   Yes

3. The control and adjustment of the radial plot were adequate. (Par. 12, 29.)
   Yes

4. There is sufficient control on maps from other sources that were transmitted by the field party for their application to the charts. (Par. 28.) No maps from other sources were used.

5. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.)

6. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) None of these features appear on this sheet.

7. Important details shown on previous surveys and on the chart have been compared with this sheet and a statement has been entered in the report regarding the removal from the chart or change in position of important detail such as rocks, lights, beacons, prominent objects, bridges, docks, and structures along the water front. No previous surveys for navigational use have been made.

8. The span, draw and clearance of bridges are shown. (Par. 16a.)
   There are no bridges on this sheet

9. The data furnished by the Field Inspection is adequate.
   Yes

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.
10. The descriptive report covers all details listed in the Manual, so far as they apply to this survey. (Par. 64, 65 and 66.)

Yes

11. The descriptive report also contains all additional information required in photo topography as prescribed in the instructions and in the "Notes on the Compilation of Planimetric Line Maps from Five Lens Aerial Photographs".

Yes

12. The descriptions of recoverable objects were accomplished on Form 524, and scaling of positions checked. (Par. 29, 30 and 57.) There are no recoverable objects shown on the sheet. 

except for U.S.S. St. Trac.

13. A list of landmarks for charts was furnished on Form 567 and scaling of positions checked. (Par. 16d, e, 60.) Yes. This is a duplicate of list supplied by L.P. Raynor with omitted positions scaled and a few additional marks. Sec Desc. Report 73527

14. The geographic datum of the sheet is N.A. 1927 and the reference station is correctly noted. (Par. 34.)

Yes

15. Junctions with contemporary surveys are adequate.

Yes

16. Geographic names are shown on the sheet and are covered by the Descriptive Report. (Par. 64, 66k.)

Yes

17. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46.) Yes, except that black celluloid ink was used throughout.

18. No additional surveying is recommended.

19. Remarks:

20. Examined and approved:

[Signatures]

Chief of Party Chief Photo Compiler

21. Remarks after review in office:

Reviewed in office by:

[Signatures]

Chief, Section of Field Records

Chief, Division of Charts

Chief, Section of Field Work

Chief, Division of Hydrography and Topography.
GEOGRAPHIC NAMES

Date: Nov. 27, 1934

Names approved Nov. 28, 1934

*, Approved by the Division of Geographic Names, Department of Interior.

†, Not Approved by the Division of Geographic Names, Department of Interior.

R, Referred to the Division of Geographic Names, Department of Interior.

<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
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<tbody>
<tr>
<td>Tracy</td>
<td>U.S. Postal Guide, 1934</td>
<td>Sacramento-San Joaquin Flood Control 1916-1930</td>
<td>Hearings before House Committee on Flood Control</td>
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<td></td>
</tr>
</tbody>
</table>

*No Hydrographic survey; see hydrographic diagram #5534

For authorities used in checking geographic names in this series see DR for T-5027. HMS

Railroads should be designated by their official names—Railroad (R.R.), Railway (Ry.) or Company (Co).

The Southern Pacific is the Southern Pacific Company (Co).