

MAY 1959

PLACER COUNTY WATER AGENCY
GENERAL PLAN FOR
PROPOSED DEVELOPMENT OF THE WATER RESOURCES
OF PLACER COUNTY

Porter, Urquhart, Mc Creary & O'Brien
consulting engineers

San Francisco

PCWA-030
Sacramento

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The Placer County Water Agency (PCWA), in accordance with the provisions of the Legislative Act which created it, is responsible for the full development and utilization of the water resources of Placer County. To this end it is primarily concerned with providing water where and as needed for domestic, irrigation, municipal, industrial, commercial, ground water replenishment and recreational uses.

In carrying out its objectives, PCWA will support local entities in their projects for providing water. In this connection PCWA will undertake, upon agreement with a local entity, to furnish water supplies required by that local entity, but beyond its capacity to develop. Distribution systems and the delivery of water at "retail" are considered the responsibility of local entities. Thus, PCWA will provide water, storage facilities, and conveyance conduits to "fill the gaps" of water needs where local entities are unable to develop the required supplies. PCWA will also investigate projects to meet the needs of areas not now served by local entities, and will encourage and assist such areas in the formation of local entities.

In order to realize its objectives, PCWA has developed a GENERAL PLAN FOR PROPOSED DEVELOPMENT OF PLACER COUNTY WATER RESOURCES (GENERAL PLAN) which consists of the following UNITS:

1.

- A. Middle Fork American River
- B. American River Diversion
- C. Western Placer County Works
- D. Foothill Works
- E. Foresthill Divide Works
- F. Lake Tahoe Area Works

The attached MAP shows the elements comprising the above listed UNITS. (These elements are not finalized and will be modified and refined by detailed engineering studies). The major features and purposes of each of the UNITS are:

UNIT A - MIDDLE FORK AMERICAN RIVER

Features: Dams, Reservoirs, Tunnels, Penstocks, Power Plants and Appurtenant Works on the Middle Fork American River, the Rubicon River, and their tributaries; lying almost wholly within Placer County.

Purposes: 1. To develop a substantial supply of new regulated water in the American River for use in areas of need in Western Placer County.

2. To develop hydroelectric energy for revenue to assist in financing the water resources development of Placer County.
3. To develop recreation facilities.
4. To provide for the maintenance of stream-flows and the enhancement of fish and wildlife.

UNIT B - AMERICAN RIVER DIVERSION

Features: Dam and Diversion Pool on the American River, Pumping Plant, Tunnel and Appurtenant Works; lying almost wholly within Placer County in the vicinity of Auburn.

Purposes: 1. To provide facilities to convey, essentially by off-peak pumping, new regulated American River water of UNIT A to Western Placer County.

UNIT C - WESTERN PLACER COUNTY WORKS

Features: Dams, Reservoirs, Conduits and Appurtenant Works lying on local streams, creeks and ravines in Western Placer County.

- Purposes:
1. To develop storage and provide re-regulation for the new regulated American River water of UNIT A.
 2. To develop storage and provide regulation for the winter flows of local streams, creeks and ravines; available winter releases from the Wise Power Plant; as well as water imported by projects of local entities requiring such storage and regulation.
 3. To develop water conveyance facilities for water deliveries to service areas in Western Placer County.
 4. To develop recreation facilities.
 5. To provide for the maintenance of streamflows and the enhancement of fish and wildlife.

UNIT D - FOOTHILL WORKS

Features: Diversion Works, Conduits, Tunnels, Dam, Reservoir and Appurtenant Works (new and existing) on the South Yuba River and tributaries; on tributaries of the North Fork American River; as well as in Northern and Western Placer County; lying almost wholly within Placer County.

Purposes:

1. To develop a supply of new regulated water and water conveyance facilities for water deliveries to service areas in Western and Northern Placer County which are located at elevations higher than can be served with Middle Fork American River water.
2. To develop recreation facilities.
3. To provide for the maintenance of stream-flows and the enhancement of fish and wildlife.

UNIT E - FORESTHILL DIVIDE WORKS

Features: Dams, Reservoirs, Conduits, Tunnels and Appurtenant Works on local streams and creeks lying on the Foresthill Divide, entirely within Placer County.

Purposes:

1. To develop a supply of new regulated water and water conveyance facilities for water deliveries to service areas on the Foresthill Divide.
2. To develop recreation facilities.
3. To provide for the maintenance of stream-flows and the enhancement of fish and wild-life.

UNIT F - LAKE TAHOE AREA WORKS

Features and Purposes: Modifications and improvements required to provide an adequate water supply for the Lake Tahoe Area, entirely within Placer County.

Thus, as indicated above, PCWA will develop water supplies, storage and conveyance facilities essentially within Placer County and convey water to all areas of need in Placer County. Such water supplies will be furnished to local entities by PCWA at "wholesale", upon agreement with each local entity as to extent of service and rates, for "retail" distribution by the local entities.

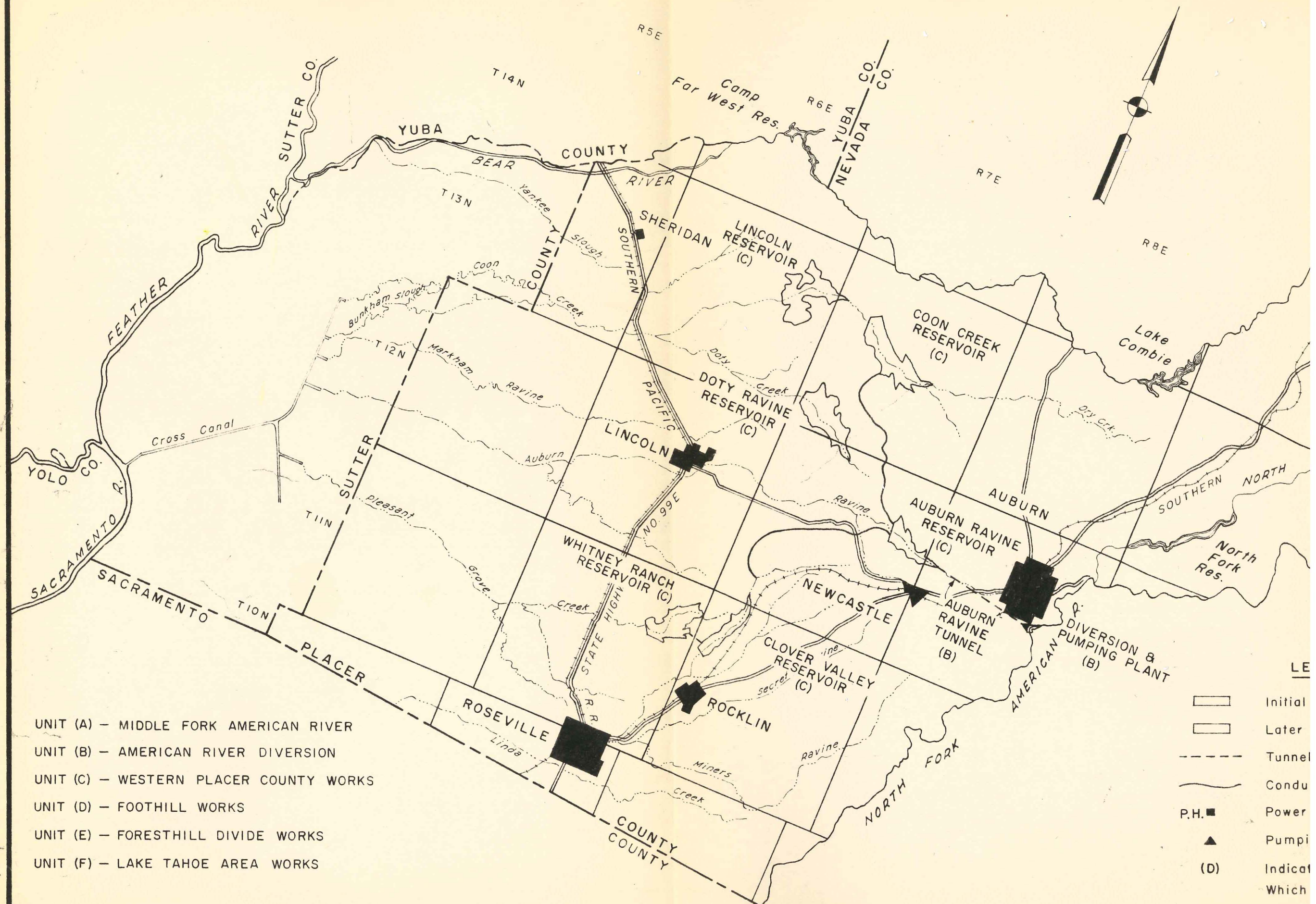
The PCWA UNITS described above and shown on the attached MAP will be constructed where determined to be engineeringly and economically feasible, and will be funded solely from REVENUE BONDS secured only by the sale of water and hydroelectric power.

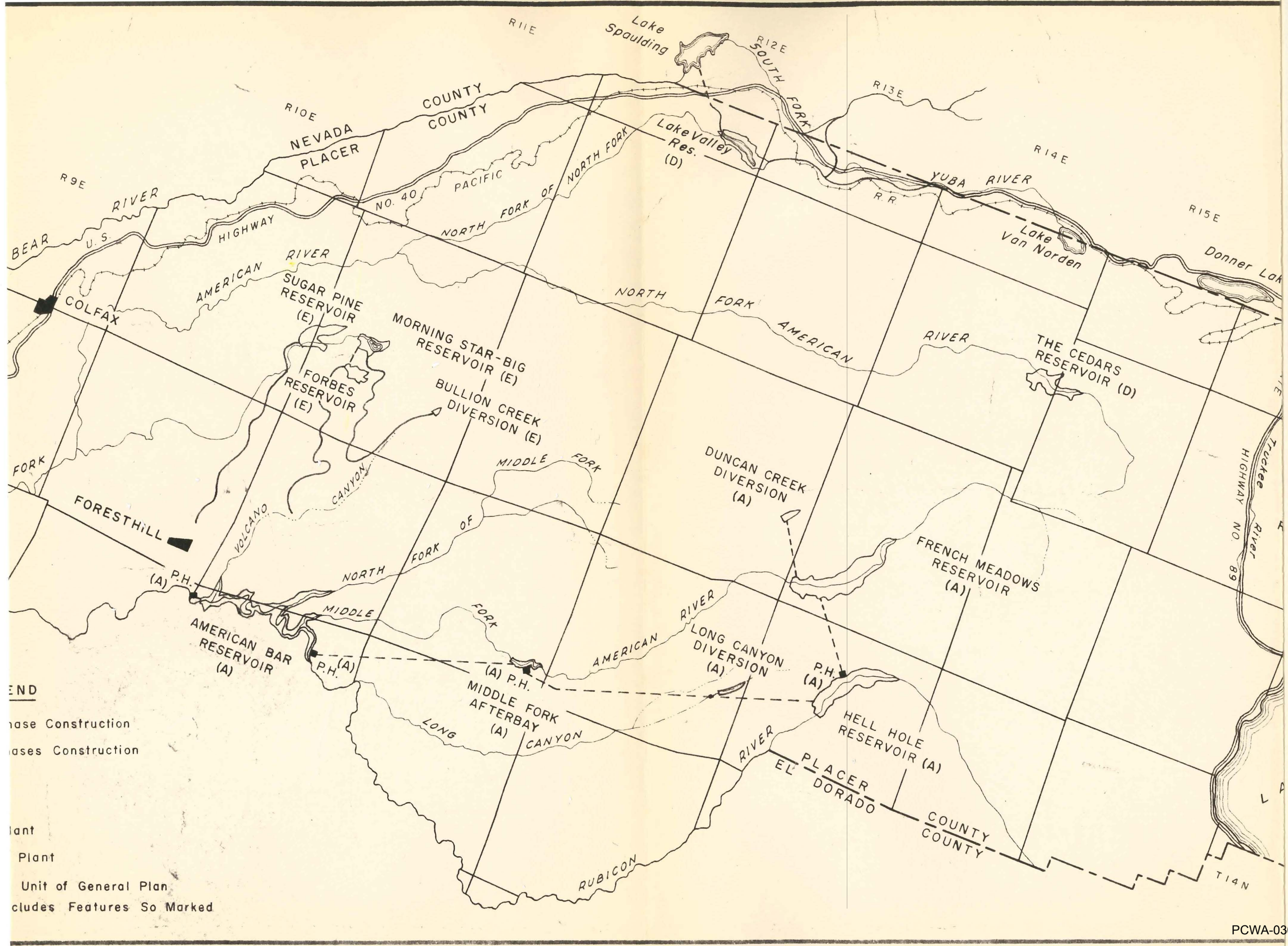
The administration of the PCWA and the operation and maintenance costs of its works will be paid from water sold at "wholesale" to local entities as well as from funds set aside for that purpose from hydroelectric revenues.

Water supplies and facilities provided by projects developed and proposed by local entities will be given prior consideration in determining requirements for PCWA projects.

The use, modification or enlargement of any local entity works for purposes of PCWA projects will be made only on agreement as to use and cost between PCWA and the local entity.

Implementation of the GENERAL PLAN described above will result in the orderly, comprehensive development of Placer County's water resources, so that economical, adequate water supplies are provided where and as needed.





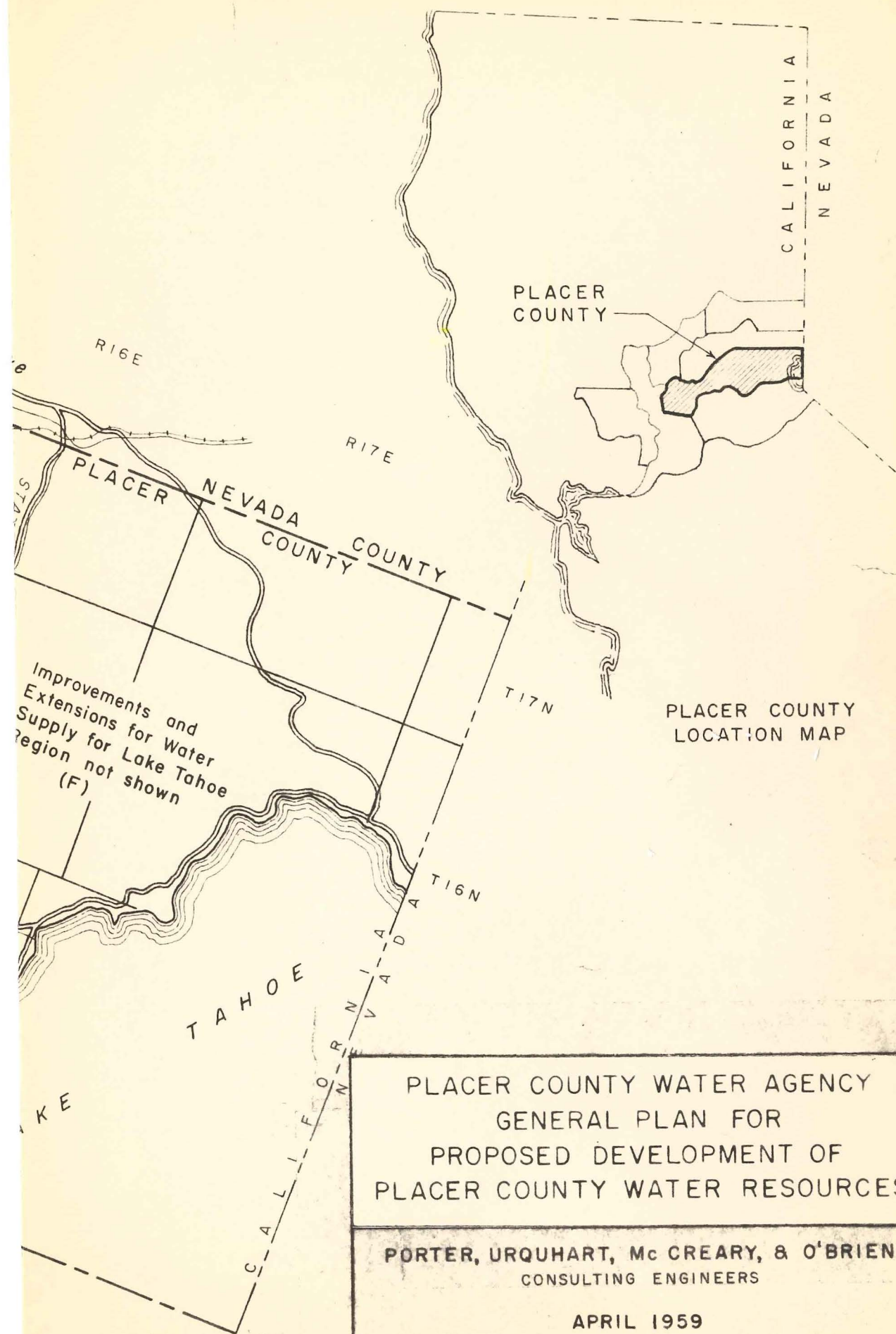
END

Phase Construction
 Phase Construction

Plant

Plant

Unit of General Plan
 Includes Features So Marked



RESOLUTION 59 - 5

WHEREAS, by letter dated May 7, 1959, the firm of Porter, Urquhart, McCreary & O'Brien, consulting engineers to the Placer County Water Agency, submitted a "Placer County Water Agency General Plan for Proposed Development of the Water Resources of Placer County", for review and consideration by this Agency; and

WHEREAS, said General Plan has been carefully considered by the Board of Directors of the Agency; and

WHEREAS, in the opinion of the Board of Directors of the Agency said General Plan is in accordance with the views of the Board of Directors as to the responsibilities and intentions of the Board of Directors in water development, and will be useful in informing other interested individuals and entities concerning the Agency's plans;

NOW, THEREFORE, BE IT RESOLVED that the Placer County Water Agency approves said General Plan as a general outline of the Agency's plans for water development, to be made more specific and implemented by further action; and

BE IT FURTHER RESOLVED that copies of said General Plan be made available to interested individuals and entities as a guide to the Agency's proposal for water development.

The foregoing Resolution was duly passed by the Board of Supervisors of the County of Placer at a regular meeting thereof held on 12th day of May, 1959, by the following vote on roll call:

AYES SUPERVISORS: DOYLE, RADOVICH, J.O. ANDERSON, PAOLI and L.L. ANDERSON

NOES SUPERVISORS: NONE

ABSENT SUPERVISORS: NONE

Signed and approved by me after its passage this 12th day of May, 1959.


CHAIRMAN, BOARD OF SUPERVISORS

ATTEST:
L. RECHENMACHER
County Clerk & Ex-Officio
Clerk of the Board of Supervisors

By 
Deputy

