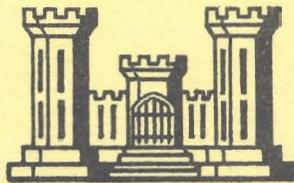


UNIT NO. 14 OF THE
SACRAMENTO RIVER
FLOOD CONTROL PROJECT

SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL

EAST LEVEE OF MINER AND CACHE SLOUGHS
ON RYER ISLAND
NEAR RIO VISTA, CALIFORNIA



SACRAMENTO DISTRICT
CORPS OF ENGINEERS
U. S. ARMY
SACRAMENTO, CALIFORNIA

Unit No. 14 of the
Sacramento River Flood Control Project
East Levee of Miner and Cache Sloughs on Ryer Island
Near Rio Vista, California

Supplement to
Standard
Operations and Maintenance Manual

Sacramento District
Corps of Engineers
U. S. Army
Sacramento, California

Unit No. 14 of the
Sacramento River Flood Control Project
East Levee of Miner and Cache Sloughs on Ryer Island
Near Rio Vista, California

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Exhibits

"B"	As constructed Drawing No. 50-4-2364, in 1 sheet
"E"	Check List No. 2, in 1 sheet
"F"	Resolution adopted by the Reclamation Board 7 April 1948

UNIT NO. 14 OF THE
SACRAMENTO RIVER FLOOD CONTROL PROJECT
FLOOD CONTROL REGULATIONS

1. Levees

(a) Description. Unit No. 14 of the flood control works described below forms an integral part of the Sacramento River Flood Control Project. It consists of a portion of the levee along the left bank of Miner Slough from its junction with Cache Slough upstream approximately one-half mile as shown on the attached Drawing 50-4-2364, and dated August 1947 (Exhibit "B").

Under the program provided by the Sacramento River Flood Control Project a portion of this levee has been enlarged as indicated below and shown in Exhibit "B". A required road ramp has been constructed at Station 19+50. The crown of levee has been surfaced 6 inches in depth and 18 feet in width with crushed rock. These items are shown on the attached drawing in Exhibit "B". There are no structures affecting levee maintenance work.

(b) Location. The levee begins at Station 9+00, approximately 1000 feet downstream along Cache Slough from its intersection with Miner Slough. It extends upstream along the left bank of Miner Slough to Station 32+00, a total distance of 2,300 feet.

(c) Protection Afforded. The levee constructed to Elevation 24.0 affords direct protection for Ryer Island against the flood waters of Miner Slough upstream from its confluence with Cache Slough. The grade of the adopted flood profile along the main channel of Miner Slough is level at Elevation 18.0. The levee grade provides a free-board of 6 feet above the flood profile. It is estimated that the combination of a flood flow of 500,000 c.f.s. and the project high tide of Elevation 12.1 at Collinsville, California will accomplish the adopted flood profile Elevation 18.0.

(d) Contractor. The construction work on the levee described above was done by H. Earl Parker, Contractor, under Contract No. W-04-167-eng-1332, a copy of which is on file in the U. S. Corps of Engineers' Office, Sacramento District, Sacramento, California.

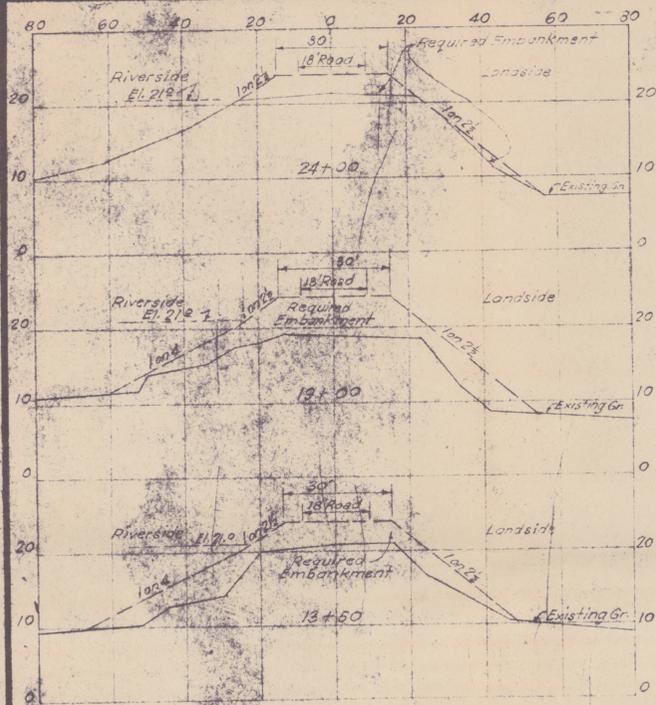
(e) Beginning and Completion of Construction. Construction was started 8 October 1947, and completed 13 January 1948.

(f) Outstanding Construction Features. In general, all construction features are based on Standard Plans and Specifications, and the details are fully covered in the attached Drawings listed below. (See Exhibit "B".)

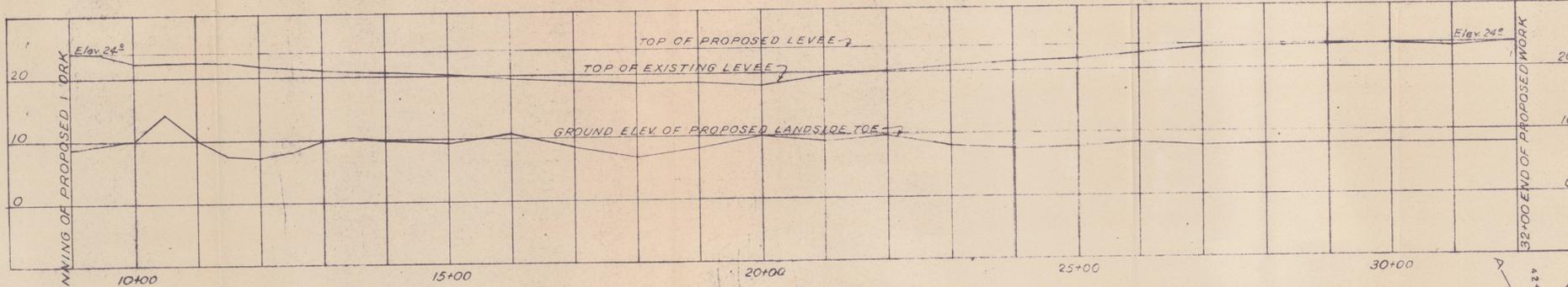
<u>File No.</u>	<u>Title</u>
50-4-2364	Levee enlargement along left bank of Miner and Cache Sloughs.

2. Maintenance and Operation. The levee referred to above should be maintained and operated in accordance with "Title 33 - Navigation and Navigable Waters, Part 208 - Flood Control Regulations," as covered in Exhibit "A", sheets 1 and 2 of the Standard Operations and Maintenance Manual for the Sacramento River Flood Control Project, copies of which may be obtained from the office of the District Engineer, Corps of Engineers, Sacramento, California.

The responsibility for the maintenance and operation of this unit of levee was accepted by the Reclamation Board of the State of California on 7 April 1948, as shown on the attached resolution, Exhibit "F".

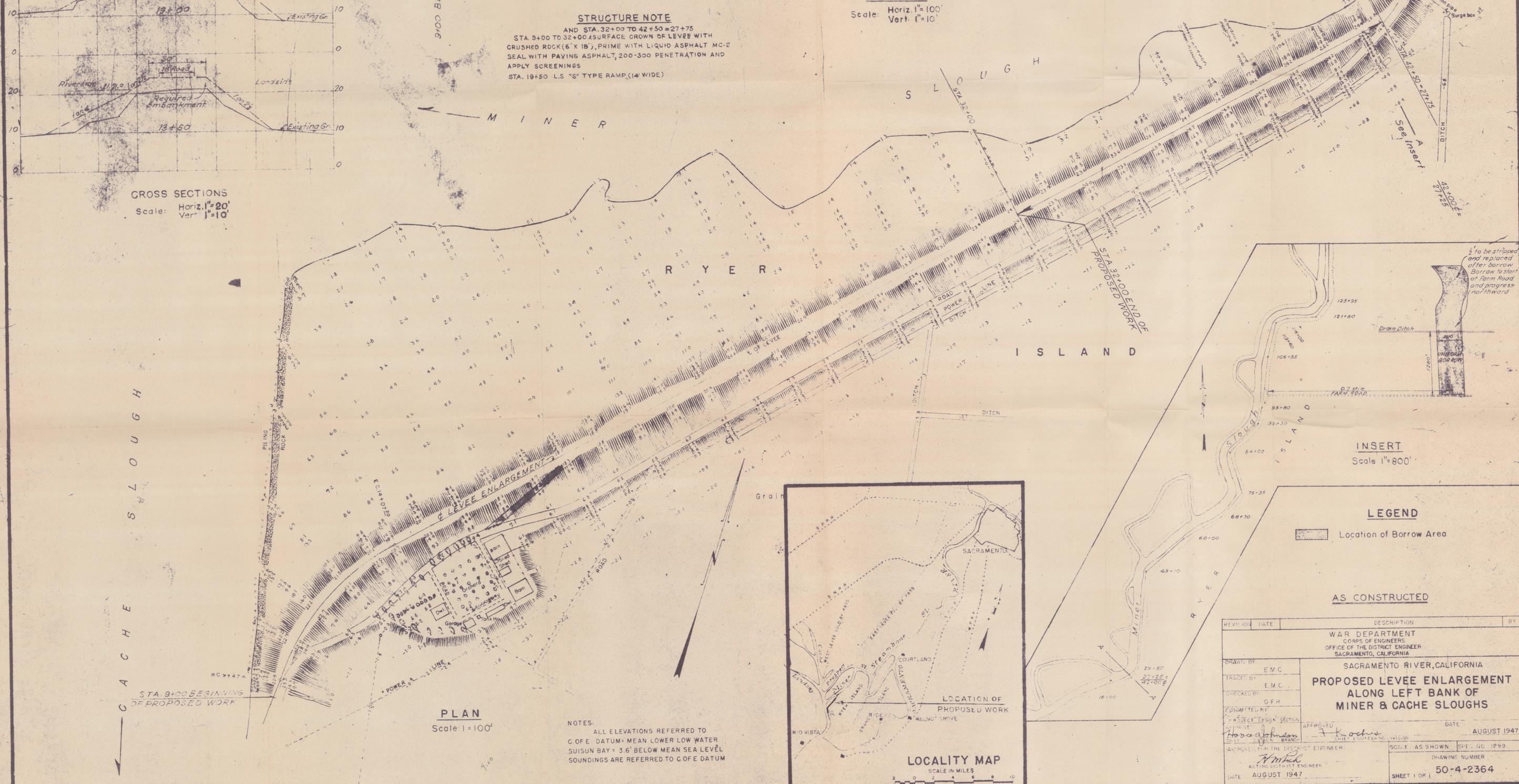


CROSS SECTIONS
Scale: Horiz. 1"=20'
Vert. 1"=10'



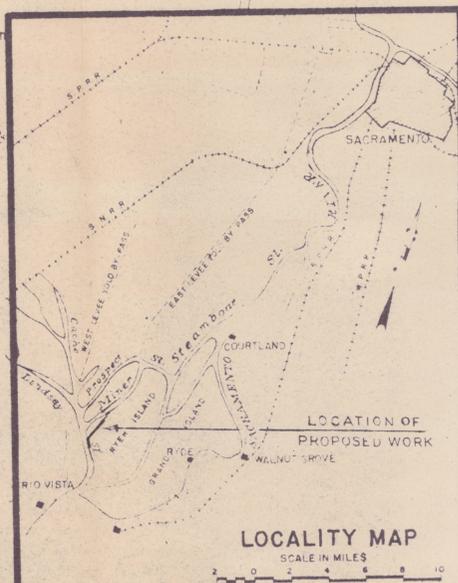
PROFILE
Scale: Horiz. 1"=100'
Vert. 1"=10'

STRUCTURE NOTE
AND STA. 32+00 TO 42+50 = 27+75
STA. 9+00 TO 32+00 AS SURFACE CROWN OF LEVEE WITH
CRUSHED ROCK (6" X 18"), PRIME WITH LIQUID ASPHALT MC-2
SEAL WITH PAVING ASPHALT, 200-300 PENETRATION AND
APPLY SCREENINGS
STA. 19+50 L.S. "S" TYPE RAMP (14' WIDE)

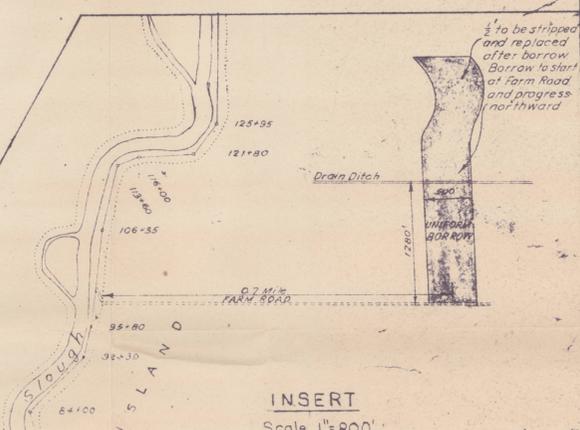


PLAN
Scale 1"=100'

NOTES:
ALL ELEVATIONS REFERRED TO
C.O.F.E. DATUM = MEAN LOWER LOW WATER
SUISUN BAY = 3.6' BELOW MEAN SEA LEVEL
SOUNDINGS ARE REFERRED TO C.O.F.E. DATUM



LOCALITY MAP
SCALE IN MILES



INSERT
Scale 1"=800'

LEGEND

Location of Borrow Area

AS CONSTRUCTED

REVISION	DATE	DESCRIPTION	BY
WAR DEPARTMENT CORPS OF ENGINEERS OFFICE OF THE DISTRICT ENGINEER SACRAMENTO, CALIFORNIA			
SACRAMENTO RIVER, CALIFORNIA PROPOSED LEVEE ENLARGEMENT ALONG LEFT BANK OF MINER & CACHE SLOUGHS			
DRAWN BY	E.M.C.		
TRACED BY	E.M.C.		
CHECKED BY	G.F.R.		
QUANTITY BY			
DESIGNED BY			
APPROVED	<i>H. H. Johnson</i>	DATE	AUGUST 1947
ACTING DISTRICT ENGINEER		SCALE AS SHOWN	SPE. NO. 1299
DATE AUGUST 1947		DRAWING NUMBER 50-4-2364	
		SHEET 1 OF 1	

CHECK LIST NO. 2

There are no structures affecting levee maintenance work on this project located along the east levee of Miner Slough, upstream from its confluence with Cache Slough, and approximately 5 miles northerly of Rio Vista, California.

Highwater Period. This term is used under Paragraph 4-02 (c) 3b of the Standard Operation and Maintenance Manual; it applies to floods rising above the reading of 15.0 on the U. S. Department of the Army station on the right bank of the Sacramento River at Corps of Engineers, U. S. Army, dock one mile downstream of Rio Vista, California. Continuous water stage recorder and staff gage set zero at Elevation 0.00 feet U.S.C.E. datum, and Elevation 2.92 feet U.S.G.S. datum.

R E S O L U T I O N

PASSED AND ADOPTED BY THE RECLAMATION BOARD

APRIL 7, 1948

- - -

WHEREAS The Reclamation Board has heretofore approved a certain item of "new construction"; consisting of the enlargement, setback and reconstruction of the levee along the left bank of Miner Slough at and near its junction with Cache Slough; and

WHEREAS the Department of the Army, Corps of Engineers, District Engineer, Sacramento District, under date of March 23, 1948, has notified The Reclamation Board of the completion of said item of levee enlargement, setback and reconstruction, and has transferred said portion of levee to the State of California for maintenance and operation; and

WHEREAS the Chief Engineer of The Reclamation Board has caused to be made an inspection on the ground of the item of new construction as specified above, and has found and determined that such work, as completed, has been prosecuted and carried out in conformance with plans and specifications therefor; now therefore be it

RESOLVED AND ORDERED that The Reclamation Board does hereby accept for the State of California the said item of "new construction" as aforesaid, which has on the date above set forth been transferred to said Board by the Department of the Army, U. S. District Engineer; and be further

RESOLVED AND ORDERED that the levee along the left bank of Miner Slough at and near its junction with Cache Slough, together with

the berms and appurtenant structures thereof, be, and the same is hereby turned over to Reclamation District No. 501 for maintenance and operation, as the legally authorized function of said district, pursuant to the provisions of the Water Code of the State of California.

STATE OF CALIFORNIA)
COUNTY OF SACRAMENTO) SS
Office of The Reclamation Board)

I, S. A. HONAKER, Assistant Secretary of The Reclamation Board, do hereby certify that the attached is a true and correct copy of a Resolution passed and adopted by said Board at its meeting held April 7, 1948.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of The Reclamation Board, this 15 day of April, 1948.

/s/ S. A. HONAKER
Assistant Secretary