

**SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL**

**SACRAMENTO RIVER
FLOOD CONTROL PROJECT**

UNIT NO. 123

**WEST LEVEE SACRAMENTO RIVER FROM
EAST END FREMONT WEIR TO MILE 70.8
AND
EAST LEVEE YOLO BYPASS FROM EAST END
FREMONT WEIR TO WOODLAND HIGHWAY
(LEVEES OF RECLAMATION DISTRICT NO. 1600)**



DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

SUBJECT

SPRD-D

Sacramento River Flood Control Project, California, Additions to O&M Manual Supplements

TO Chief, C-0 Div

FROM Chief, Engr Div

DATE 11 July 1985

CMT1

Ms. Seavey/mlw/2052

1. Enclosed are two copies of additions to the supplements of the standard operation and maintenance manual for the Sacramento River Flood Control project, Units 123 and 129. The additions reflect completed emergency repairs to project levees under authority of Section 5 of the Flood Control Act of August 18, 1941, as amended (Public Law 99, 84th Congress, 1st Session).
2. Copies of the additions have been furnished the Division Engineer. Copies of the additions and "As-Constructed" drawings have been furnished to the State Reclamation Board and the State Department of Water Resources.

2 Encl (dupe)

GEORGE C. WEDDELL
Chief, Engineering Division

cc w/o enclosure:

Civ Des Br

Civ Des Sec D

CORPS OF ENGINEERS

U. S. ARMY

SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE MANUAL
SACRAMENTO RIVER FLOOD CONTROL PROJECT

UNIT NO. 123

WEST LEVEE SACRAMENTO RIVER FROM
EAST END FREMONT WEIR TO MILE 70.8
AND
EAST LEVEE YOLO BY-PASS FROM EAST END
FREMONT WEIR TO WOODLAND HIGHWAY
(LEVEES OF RECLAMATION DISTRICT NO. 1600)

Sacramento District
Corps of Engineers
U. S. Army

August 1955

**SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE MANUAL
SACRAMENTO RIVER FLOOD CONTROL PROJECT**

UNIT NO. 123

WEST LEVEE SACRAMENTO RIVER FROM
EAST END FREMONT WEIR TO MILE 70.8
AND
EAST LEVEE YOLO BY-PASS FROM EAST END
FREMONT WEIR TO WOODLAND HIGHWAY

(LEVEES OF RECLAMATION DISTRICT NO. 1600)

LOCATION	ADDITION OR REVISION	DATE
1-04 e.	Add contract no. 57-63	Nov 1963
1-04 f.	Add contract no. 57-66	Nov 1963
1-04 g.	Add contract no. 57-66	Nov 1963
1-04 h.	Add contract no. 60-29	Nov 1963
Exhibit B	Add drawing no. 50-4-3323	Nov 1963
Exhibit B	Add drawing no. 50-4-3332	Nov 1963
Exhibit B	Add drawing no. 50-4-3315	Nov 1963
Exhibit B	Add drawing no. 50-4-3613	Nov 1963
1-04 i.	Add contract no. 63-61	Oct 1964
Exhibit B	Add drawing no. 50-4-3696	Oct 1964
Exhibit F	Add letter of acceptance dated 1 Oct 1963	Oct 1964
1-04 j.	Add contract no. 64-71	Jun 1965
Exhibit B	Add drawing no. 50-4-3742	Jun 1965
Exhibit F	Add letter of acceptance dated 9 Nov 1964	Jun 1965
1-04 k.	Add contract no. 68-C-0014	Jan 1968
Exhibit B	Add drawing no. 50-4-4078	Jan 1968
Exhibit F	Add letter of acceptance dated 10 Jan 1968	Jan 1968
1-04 l.	Add contract no. 70-C-0008	Mar 1971
Exhibit B	Add drawing no. 50-4-4310	Mar 1971
Exhibit F	Add copy of letter of acceptance dated 2 Oct 1970	Mar 1971
1-04	Add subparagraph m.	Feb 1973
Exhibit B	Add drawing no. 50-4-4381	Feb 1973
Exhibit F	Add copy of letter of acceptance dated 17 Jan 1972	Feb 1973
1-04	Add subparagraph n.	Nov 1975
2-01	Add subparagraph c.	Nov 1975
Exhibit B	Add drawing no. 50-4-4713	Nov 1975
Exhibit F	Add copy of letter of acceptance dated 30 May 1974	Nov 1975
1-04	Add subparagraph o.	Aug 1977
2-01	Revised subparagraph c.	Aug 1977

LOCATION	ADDITION OR REVISION	DATE
Exhibit B	Add drawing no. 50-4-5170	Aug 1977
Exhibit F	Add copy of letter of acceptance dated 14 Dec 1976	Aug 1977
1-04	Add subparagraph p.	Sep 1981
Exhibit B	Add drawing no. 50-4-5130	Sep 1981
Exhibit F	Added letter of acceptance dated 27 Jul 1979	Sep 1981
1-04	Add subparagraph q.	Nov 1983
2-05	Environment protection	Nov 1983
Exhibit B	Add drawing no. 50-4-5433	Nov 1983
Exhibit F	Added letter of transfer dated 14 Dec 1979	Nov 1983
1-04	Add subparagraph r.	Feb 1985
Exhibit B	Add drawing no. 50-4-5718	Feb 1985
Exhibit F	Add copy of letter of transfer dated 14 Nov 1984	Feb 1985
1-04	Add subparagraph s.	Jul 1985
Exhibit B	Add drawing no. 50-4-5722	Jul 1985
Exhibit F	Add copy of letter of transfer dated 28 Nov 1984	Jul 1985
1-04	Add subparagraph t.	Sep 1990
Exhibit B	Add drawing no. 50-4-5712	Sep 1990
Exhibit F	Add copy of letter of transfer dated 17 Nov 1985	Sep 1990
1-04	Add subparagraph s(u)	Sep 1990
Exhibit B	Added drawing no. 50-4-5714	Sep 1990
Exhibit F	Added transfer letters dated 22 Nov 1986 and 30 Nov 1987	Sep 1990
1-04	Add subparagraph t(v)	Sep 1990
Exhibit B	Add drawing no. 50-4-5798	Sep 1990
Exhibit F	Added transfer letters dated 22 Nov 1989	Sep 1990
Exhibit F	Added letter of transfer dated 27 Nov 1985	Sep 1990
Exhibit F	Add copy of letter of transfer dated 2 Feb 1951	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 4 Dec 1952	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 26 Sep 1960	22 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 7 Oct 1960	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 5 Sep 1963	22 Dec 2010
1-04	Add subparagraph w	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 4 November 1980	22 Dec 2010
1-04	Add subparagraph x	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 16 Jan 1987	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 21 Oct 1964	2 Feb 2011
1-04	Add subparagraph y	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 2 Oct 1967	2 Feb 2011
Exhibit F	Add copy of letter of acceptance dated 25 Oct 1967	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 12 Dec 1967	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 28 Sep 1970	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 27 Dec 1971	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 18 Nov 1976	2 Feb 2011

LOCATION	ADDITION OR REVISION	DATE
Exhibit F	Add copy of letter of transfer dated 20 May 1974	8 Mar 2011
Exhibit F	Add copy of letter of transfer dated 16 Jul 1979	8 Mar 2011
Exhibit F	Add copy of letter of acceptance dated 9 Jan 1980	8 Mar 2011
Exhibit F	Add copy of letter of acceptance dated 3 Mar 1986	8 Mar 2011
Exhibit F	Add copy of letter of acceptance dated 27 Mar 1990	8 Mar 2011

TABLE OF CONTENTS

<u>Paragraph</u>	<u>Subject</u>	<u>Page</u>
<u>SECTION I - INTRODUCTION</u>		
1-01	Location	1
1-02	Protection Provided	1
1-03	Project Works	2
1-04	Construction Data and Contractor	2
1-05	Flood Flows	2
1-06	Assurances Provided by Local Interests	3
1-07	Acceptance by State Reclamation Board	3
1-08	Superintendent	3

SECTION II - FEATURES OF THE PROJECT SUBJECT
TO FLOOD CONTROL REGULATIONS

2-01	Levees	4
2-02	Drainage and Irrigation Structures	4
2-03	Channels	6
2-04	Miscellaneous Facilities	7
2-05	Environment Protection	7a *

SECTION III - REPAIR OF DAMAGE TO PROJECT WORKS
AND METHODS OF COMBATING FLOOD CONDITIONS

3-01	Repair of damage	8
3-02	Applicable Methods of Combating Floods	8

EXHIBITS

<u>Exhibit</u>	<u>Description</u>
A	Flood Control Regulations - - - - - Unattached (Contained in Standard Manual)
A-1	Location Drawing - - - - - 1 Sheet
B	"As Constructed" Drawings - - - - - Unattached (Contained in Standard Manual)
C	Plates of Suggested Flood Fighting Methods - - - Unattached (Contained in Standard Manual)
D	Check List No. 1 - Levee Inspection Report - - - Unattached (Contained in Standard Manual)
E	Check List - Levees, Channels and Structures - - - Sheets 1 through 7
F	Letter of Acceptance by State Reclamation Board - - Sheets 1 through 6
G	Semi-Annual Report Form - - - - - Sheets 1 and 2

SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL

SACRAMENTO RIVER FLOOD CONTROL PROJECT
UNIT NO. 123

WEST LEVEE SACRAMENTO RIVER FROM
EAST END FREMONT WEIR TO MILE 70.8
AND
EAST LEVEE YOLO BY-PASS FROM EAST END
FREMONT WEIR TO WOODLAND HIGHWAY
(LEVEE OF RECLAMATION DISTRICT NO. 1600)

SECTION I

INTRODUCTION

1-01. Location. The improvement covered by this manual is that part of the Sacramento River Flood Control Project which includes the west levee of the Sacramento River from the east end of Fremont Weir downstream about 10.9 miles to the south boundary of Reclamation District No. 1600 at the Elkhorn Ferry crossing (River mileage from 81.7 to mile 70.8). Also the east levee of Yolo By-Pass from the east end of Fremont Weir downstream to the south boundary of Reclamation District No. 1600 at the Woodland Highway crossing, a distance of about 6.28 miles. The levees of this unit are located in Reclamation District No. 1600, in Yolo County, California, as shown on Exhibit A-1.

1-02. Protection Provided. The project works are designed to protect adjacent agricultural lands from a flood flow of 107,000 cubic feet per second in the Sacramento River Channel. The east levee of the Yolo By-Pass is designed to protect adjacent agricultural lands from a flood flow of 343,000 cubic feet per second in the Yolo By-Pass. In the Sacramento River channel, the grade of the adopted flood plane profile varies from elevation 40.30 at Fremont Weir to elevation 38.20 at the Elkhorn Ferry crossing (mile 70.8). In the Yolo By-Pass channel, the grade of the adopted flood plane profile varies from elevation 40.30 at Fremont Weir to elevation 34.40 at the south boundary of Reclamation District No. 1600 (Woodland Highway crossing). The levee grade along west levee of the Sacramento River provides a freeboard of 3 feet or more within this unit. Along the east levee of Yolo By-Pass, the levee grade was designed and constructed with a freeboard of 6 feet.

1-03. Project Works. The flood-control improvement covered by this manual is a part of the Sacramento River Flood Control Project authorized by the Flood Control Act of 1917 as modified by the Acts of 1926, 1937, and 1941, and consists of:

- a. The west levee of the Sacramento River from the east end of Fremont Weir downstream about 10.9 miles to the south boundary of Reclamation District No. 1600 at the Elkhorn Ferry crossing.
- b. The east levee of Yolo By-Pass from the east end of Fremont Weir downstream about 6.28 miles to the south boundary of Reclamation District No. 1600 at the Woodland Highway crossing.

1-04. Construction Data and Contractor. Original levee and channel of this unit were built by local interests. Necessary construction to bring levees to project standards was accomplished by the Corps of Engineers, Sacramento District. Such work, with the exception of a small amount of emergency work, was accomplished under the following contracts:

- a. Surfacing of levee crown for patrol road purposes from station 227+41 to station 543+27 along the west levee of the Sacramento River as shown on Drawing No. 50-4-2897, sheets 1 and 3, of Exhibit B, was accomplished under Contract No. DA-04-167-eng-828, by Browne and Krull, contractors and completed on 2 December 1952, Specification No. 1636.
- b. Enlargement of the east levee of Yolo By-Pass along Reclamation District No. 1600 from Fremont Weir south to the Sacramento Northern Railroad crossing was accomplished under Contract No. W-1105-eng-932 by the Olympian Dredge Co., contractor, and completed on 30 June 1933. Drawing No. 50-4-1310.
- c. Completion of levee and road approaches along the east levee of Yolo By-Pass below Fremont Weir as shown on Drawing No. 50-4-1583 of Exhibit B, was accomplished under Contract No. W-1105-eng-2125 by Hemstreet and Bell, contractors, and completed on 24 December 1937.
- d. Enlargement of the east levee of Yolo By-Pass from Fremont Weir south 2 miles was accomplished under contract No. W-1105-eng-5166 by H. Earl Parker, contractor, and completed on 24 July 1943. Drawing No. 50-4-2143.
- e. Emergency levee repairs, right bank of Sacramento River, R.D. 1600 approximately 8 miles upstream from Elkhorn slough was accomplished under Contract No. DA-04-167-CIVENG-57-63 by C. V. Kenworthy, contractor, during the period from 17 October 1956 to 31 October 1956, Specification No. 2234, Drawing No. 50-4-3323.
- f. Emergency levee repair and reconstruction, right bank Sacramento River approximately 1.4 miles downstream from in R.D. 1600 was accomplished under Contract No. DA-04-167-CIVENG-57-66 by H. Earl Parker, Inc. during the period from 8 October 1956 to 5 November 1956, Specification No. 2265, Drawing No. 50-4-3332.

- g. Emergency levee repairs, east levee Yolo Bypass, R.D. 1600 was accomplished under Contract No. DA-04-167-CIVENG-57-67 by An-Nan Construction Company during the period from 8 October 1956 to 31 June 1957, Specification No. 2244, Drawing No. 50-4-3315.
- h. Stone protection downstream from Fremont Weir, right bank Sacramento River was accomplished under Contract No. DA-04-167-CIVENG-60-29 by Basalt Rock Company during the period from 4 May 1960 to 19 August 1960, Specification No. 2600, Drawing No. 50-4-3613.
- i. Levee construction, left bank of Yolo Bypass in the vicinity of Fremont Weir was accomplished under Contract No. DA-04-167-CIVENG-63-61 by H. Earl Parker, Inc. during the period from 24 July 1963 to 29 August 1963, Specification No. 2771, Drawing No. 50-4-3696.
- j. Bank protection, right and left banks at various sites from Boyer's Bend to Monument Bend was accomplished under Contract No. DA-04-167-CIVENG-64-71 by H. Earl Parker, Inc. during the period from 23 April 1964 to 20 October 1964, Specification No. 2958, Drawing No. 50-4-3742.
- k. Bank protection at Mile 79.5 on the right bank of the Sacramento River (Unit No. 12) was accomplished under Contract No. DACW03-68-C-0014 by A. Teichert and Con, Inc., during the period from 28 August 1967 to December 1967, Specification No. 3288, Drawing No. 50-4-4078.
- l. Bank protection at Site Miles 71.5, 71.9, 77.0 and 77.85 on the right bank of the Sacramento River (a portion of Unit 16, Sacramento River Bank Protection Project) was accomplished under Contract No. DACW05-70-C-0008 by H. Earl Parker during the period from 25 July 1969 to 23 September 1970.. Specification No. 3390. Drawing No. 50-4-4310.
- m. Bank protection at Mile 81.0 on the right bank of the Sacramento River (a portion of Unit 20) was accomplished under Contract No. DACW05-71-C-0051 by Claude C. Wood during the period from 1 October 1970 to 30 October 1972. Specification No. 3459, Drawing No. 50-4-4381.
- n. Bank protection and selective clearing on the right bank of the Sacramento River at Site Miles 73.1, 74.7 and 75.7 (Unit No. 24) was accomplished under Contract No. DACW05-73-C-0038 by Claude C. Wood during the period from 11 October 1972 to 6 January 1975. Specification No. 4169, Drawing No. 50-4-4713.
- o. Bank protection and selective clearing on the east levee of the Yolo Bypass, upstream from S.N.R.R. Trestle & River Road, was accomplished under Contract No. DACW05-76-C-0105 by Carl J. Wood during the period from 11 October 1976 to 24 December 1976. Specification No. 5133, Drawing No. 50-4-5170.
- p. Bank sloping, stone protection and selective clearing on the right bank of the Sacramento River at Site Miles 72.1, 75.9, 76.4, 77.1, 77.4 and 77.9 (of Unit 30) was accomplished under Contract No. DACW05-76-C-0107. Specification No. 5081, Drawing No. 50-4-5130.

q. Bank sloping, stone protection and selective clearing on the right bank of the Sacramento River at Site Miles 71.0, 73.2, 74.1, 74.6, 75.0, 75.5, 76.0, and 78.1 (a portion of Unit 34) was accomplished under Contract No. DACW05-78-C-0046 by Claude C. Wood. Construction was completed on 7 November 1979. Specification No. 5403, Drawing No. 50-4-5433.

r. Emergency repairs to project levees on the left bank levee of the Yolo Bypass in RD 785, RD 827 and RD 1600, were accomplished under Contract No. DACW05-84-C-0119 by Sybon and Reid, Inc. Specification No. 7219, Drawing No. 50-4-5718.

s. Emergency repairs to project levees on the Yolo Bypass left bank levee – reclamation District 1600, were accomplished under Contract No. DACW05-84-C-0127 by Sybon & Reid, Inc. Specification No. 7256, Drawing No. 50-4-5722.

t. Bank sloping, stone protection and selective clearing on the right bank of the Sacramento River at Site Mile 80.6 (a portion of Unit 38A) was accomplished under Contract No. DACW05-84-0112 by Aloha Dredging Co. Construction was completed on 6 October 1985. Specification No. 7053. Drawing No. 50-4-5712.

u. Bank sloping, stone protection and selective clearing on the right bank of the Sacramento River at Site Miles 71.2, 72.1, 76.0, and 76.9 (a portion of Contract 38B) was accomplished under Contract No DACW05-86-C-0079. Specification No. 7062, Drawing no. 50-4-5714.

v. Bank sloping, stone protection and selective clearing on the East Levee of the Yolo by-pass at Site Mile 54.1L (a portion of Contract 43) was completed on 14 November 1989. Specification No. 8367, Drawing No. 50-4-5798.

w. Emergency repairs to project levees along the right bank of the Sacramento River, RD 1600 and Sutter Bypass, RD 1500, was completed on 21 October 1980 under Contract No. DACW05-80-C-0114. Specification No. 5954, Drawing No. 50-4-5561.

x. Emergency repairs to project levees consisting of restoration of portions of the left bank of Yolo Bypass in Reclamation Districts 537, 785, 827 and 1600, right bank of the Sacramento Bypass, and right bank of the Sacramento River in RD 1600 was completed on 17 November 1986 under Contract No. DACW05-86-C-0113. Drawing No. 50-4-5776.

y. Bank protection and levee enlargement on the right bank of the Sacramento River at Site Mile 80.7 was completed on 15 September 1967 under Contract No. DA-04-167-CIVENG-66-50. Specification No. 3154, Drawing No. 50-4-4004.

1-05. Flood Flows. For the purposes of this manual, the term “flood” or “high water period” for the Sacramento River portion of this unit shall refer to flows when the water surface in the river reaches or exceeds the reading of 34.5 on the State Division of Water Resources continuous water stage recorder and staff gage located about 200 feet north of the east end of Fremont Weir. Such term for the Yolo Bypass portion of this unit shall refer to flows when the water surface in the by-pass reaches or exceeds a reading of 35.0 on the continuous water stage recorder and staff gage of the State Division of Water

Resources, U.S. Geological Survey and U.S. Army cooperative station located about 500 feet westerly from the west end of Fremont Weir. Both gages set on U.S. Corps of Engineers datum.

1-06. Assurances Provided by Local Interests. Assurances of cooperation by local interests is provided by State legislation, as contained in Chapter 3, Part 2, Division 5 of the State Water Code (see paragraph 2-02a of the Standard Manual.

1-07. Acceptance by State Reclamation Board. Responsibility for operating and maintaining portions of this unit were officially accepted by the Reclamation Board of the State of California on 5 January 1944, 6 June 1951 and 16 December 1952, as shown on the attached letter of acceptance, Exhibit F.

A portion of the west levee of the Sacramento River from mile 81.7 to mile 76.5 was transferred to the State Reclamation Board by letter of 8 December 1951, as shown on the attached letter of transfer Exhibit F.

1-08. Superintendent. The name and address of the Superintendent appointed by local interests to be responsible for the continuous inspection, operation, and maintenance of the project works shall be furnished the District Engineer, and in case of any change of superintendent, the District Engineer shall be so notified.

SECTION II

FEATURES OF THE PROJECT SUBJECT TO FLOOD CONTROL REGULATIONS

2-01. Levees.

a. Description. The levees described in this manual are located along the westerly side of the Sacramento River from the east end of Fremont Weir downstream about 10.9 miles to the south boundary of Reclamation District No. 1600 at the Elkhorn Ferry crossing. Also along the easterly side of Yolo By-Pass from the east end of Fremont Weir downstream about 6.8 miles to the south boundary of Reclamation District No. 1600 at the Woodland Highway crossing. All levees of this unit were originally built by local interests. The east levee of Yolo By-Pass was rebuilt to adopted grade and section by new construction. Portions of the west levee of the Sacramento River have been rebuilt by new construction. For more complete detail of items included in construction of above mentioned levees, reference is made to the "As Constructed" drawings of Exhibit B. Structures affecting levee maintenance are listed in Exhibit E.

b. For pertinent Requirements of the Code of Federal Regulations and other requirements, see the following:

- c
- (1) Maintenance - paragraph 4-02 of the Standard Manual.
 - (2) Check Lists - Exhibit E of this Supplement Manual.
 - (3) Operation - Paragraph 4-04 of the Standard Manual.
 - (4) Special Instructions - Paragraph 4-05 of the Standard Manual.

2-02. Drainage and Irrigation Structures.

a. Description. Drainage and irrigation structures which extend through the levees are listed as follows:

c. Environmental values. Vegetation preserved as a part of selective clearing on the waterside berm or levee slope above the bank protection during prosecution of the contract shall not be removed as a part of normal maintenance. Dead trees with wildlife value will be retained except where they constitute a hazard to existing flood control works.

River Mileage	Size and Kind of Pipe	Other Structure Description	Elev. of Invert at Pipe
<u>West Levee Sacramento River (See Dwgs. 6-13-1540 & 6-13-573 of Exhibit B)</u>			
81.5	24" Steel	Pumphouse and gate R.S.	38.2
80.7	18" Steel	" "	31.0
78.6	30" Steel	" "	42.4
77.3	24" Steel		39.9
77.0	18" Steel	Pump R. S.	39.0
76.6	18" Steel		22.5
76.2	18" Steel	Pump R. S.	40.5
75.6	18" Steel	Pump R. S.	38.9
75.2	20" Steel	Gate L. S.	25.3
74.2	18" Steel	Pumphouse R. S.	35.2
73.5	10" Concrete	Abandoned	39.2
73.4	18" Steel		41.3
72.2	12" Steel	Pump and gate R. S.	30.0
71.9	14" Steel	" "	16.8
71.4	7" Steel	Pump R. S.	41.4
71.0	14" Steel	Pump and gate R. S.	27.2
70.9	5'X7' Concrete	Slide gate R. S.	15.9

East Levee of Yolo By-Pass (See Dwg. 50-4-1310 of Exhibit B)

Location Station			
382+85	2-48" C.M.P.	Slide gate R.S.	16.2
354+50	1-48" Steel		12.5
	2-36" Steel	Pumphouse and gate L.S.	22.0
	1-24" Steel	R.D. 1600 Pumping Plant	22.0
155+00	6'X6' Concrete	Slide gate R.S.	14.5

Notes on abbreviations:

C.M.P. = Corrugated Metal Pipe
L. S. = Landside
R. S. = Riverside
R. D. = Reclamation District

b. For pertinent Requirements of the Code of Federal Regulations and other requirements, see the following:

- (1) Maintenance - paragraph 5-02 of the Standard Manual.
- (2) Check Lists - Exhibit E of this Supplement Manual.

- (3) Operation - paragraph 5-04 of the Standard Manual.
- (4) Additional Requirements - paragraph 5-05 of the Standard Manual.
- (5) Safety Requirements - paragraph 5-06 of the Standard Manual.

2-03. Channels.

a. Description. The main channel of the Sacramento River from Fremont Weir to the south boundary of Reclamation District No. 1600 at the Elkhorn Ferry crossing is confined between levees along both banks and has a project design capacity of 107,000 cubic feet per second. When flood waters exceed the carrying capacity of the Sacramento River, water flows over Fremont Weir into Yolo By-Pass channel which is leveed along both banks and has an average width of about 8,000 feet within this unit. The project design capacity of Yolo By-Pass is 343,000 cubic feet per second.

Since the channel of the Sacramento River from Fremont Weir to mile 70.8 is utilized for navigable purposes, the responsibility of local interests for inspection, maintenance and operation of the channel of the Sacramento River shall be limited to flood control and the requirements of paragraphs which follow shall be observed only to that extent.

The floodway of the Yolo By-Pass from the Fremont Weir to the Woodland Highway crossing shall be inspected, maintained and operated as outlined below.

b. For pertinent Requirements of the Code of Federal Regulations and other requirements, see the following:

- (1) Maintenance - paragraph 6-02 of the Standard Manual.
- (2) Check Lists - Exhibit E of this Supplement Manual.
- (3) Operation - paragraph 6-04 of the Standard Manual.
- (4) Safety Requirements - paragraph 6-05 of the Standard Manual.

It shall be the duty of the Superintendent to maintain a patrol of the project works during all periods of flood in excess of a reading of 34.5 on the gage located on the east end of Fremont Weir or a reading of 35.0 on the gage located on the west end of Fremont Weir as indicated in paragraph 1-05 of this manual. The Superintendent

shall dispatch a message by the most suitable means to the District Engineer whenever the water surface at Fremont Weir reaches the gage readings indicated above. The Superintendent shall cause readings to be taken at said gages at intervals of two to four hours during the period when the water surface is above the flood-flow stages indicated above and record the time of observations. One copy of the readings shall be forwarded to the District Engineer immediately following the flood, and a second copy transmitted as an inclosure to the semi-annual report in compliance with paragraph 3-06 of the Standard Manual.

2-04. Miscellaneous Facilities.

a. Description. Miscellaneous structures or facilities which were constructed as a part of, or existed in conjunction with, the protective works, and which might affect their functioning, include the following:

(1) Fremont Weir located across upper end of Yolo By-Pass.

(2) Sacramento Northern Railroad bridge trestle across Yolo By-Pass near the southerly end of this unit.

(3) Elkhorn Ferry crossing the Sacramento River at the southerly end of this unit.

(4) Utility Relocations. Because of the nature of the construction of the levees by local interests, no records of any utility relocations are available.

(5) Hydrographic Facilities.

(a) A Division of Water Resources continuous stage recorder and staff gage located about 200 feet north of the east end of Fremont Weir. This gage to be maintained by the State of California.

(b) A continuous water stage recorder and staff gage located about 500 feet westerly from the west end of Fremont Weir. This gage to be maintained by the State of California and other government agencies.

b. For pertinent Requirements of the Code of Federal Regulations and other requirements, see the following:

(1) Maintenance - paragraph 7-02 of the Standard Manual.

(2) Check Lists - paragraph 7-03 of the Standard Manual.

(3) Operation - paragraph 7-04 of the Standard Manual.

2-05. Environment Protection.

a. Vegetation left during construction on the waterside berm or slope above the bank protection shall not be removed under normal maintenance. Dead trees with wildlife value will be retained except where they are a hazard to existing flood control works.

*

SECTION III

REPAIR OF DAMAGE TO PROJECT WORKS AND METHODS OF COMBATING FLOOD CONDITIONS

3-01. Repair of Damage. In the event of serious *damage* to the project works, *whether* due to *flood conditions* or other causes, and which may be beyond the *capability* of *local interests* to *repair*, the Superintendent will contact a representative of the Division of Water Resources, State of *California*, who coordinates maintenance of project works of the Sacramento River Flood Control Project, The State representative will *give assistance* or advice, or will determine appropriate action to be taken.

3-02. Applicable Methods of Combating Floods. For applicable *methods* of *combating flood conditions* reference is made to Section VIII of the Revised Standard Manual, where the subject is fully covered.

EXHIBIT A

FLOOD CONTROL REGULATIONS

(See Standard Manual)

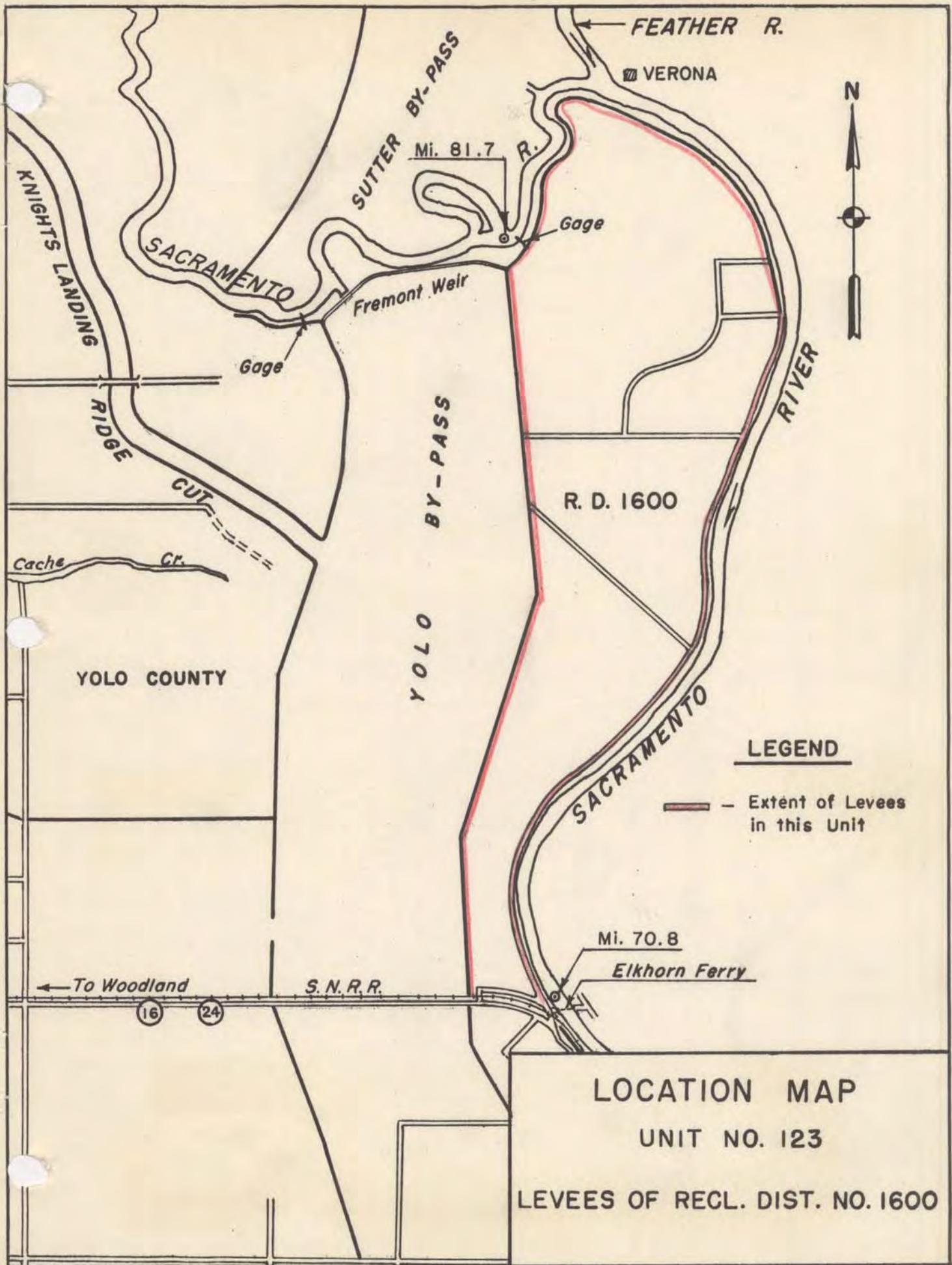


EXHIBIT "B"

"AS CONSTRUCTED"

DRAWINGS

See separate folder for the following drawings:

<u>FILE NO.</u>	<u>TITLE</u>
6-13-1540	Sacramento River, Knights Landing to Fremont Weir, Sheet 3.
6-13-573	Sacramento River, Sacramento to Vernon, Sheets 1 to 5 inclusive.
50-4-2897	Sacramento River, Surface Levee Crown for Patrol Road Purposes, Sheets 1 and 3.
50-4-1310	Enlargement of East Levee of Yolo By-Pass along Reclamation District No. 1600, Sheets 1 and 2.
50-4-1583	Levee and Road Approaches - East Levee of Yolo By-Pass Below Fremont Weir - R.D. No. 1600, 1 sheet.
50-4-2143	Enlargement of East Levee of Yolo By-Pass from Fremont Weir South 2 Miles, Sheets 1 and 2.
50-4-2254	Levee and Bank Protection - East Levee Yolo By-Pass Below Fremont Weir, 1 sheet.
50-4-3315	Emergency levee repairs, east levee Yolo Bypass R. D. 1600, in 2 sheets
50-4-3323	Emergency levee repairs, right bank Sacramento River, R. D. 1600 approximately 8 miles upstream from Elkhorn Ferry, in 1 sheet
50-4-3332	Emergency levee repair and reconstruction, right bank Sacramento River approximately 1.4 miles downstream from Fremont Weir in R. D. 1600, in 1 sheet
50-4-3613	Stone protection downstream from Fremont Weir, right bank Sacramento River, in 3 sheets
50-4-3696	Levee Construction, Left Bank Yolo Bypass, Vicinity of Fremont Weir, in 3 sheets.
50-4-3742	Bank Protection, Right and Left Banks at Various Sites from Bover's Bend to Monument Bend, in 16 sheets.
50-4-4078	Bank Protection Various Locations Right and Left Banks Sacramento River and Feather River, in 29 sheets.

- 50-4-4310 Bank Protection Various Locations Right and Left Banks Sacramento River between Tisdale Weir and Sacramento, in 26 sheets.
- 50-4-4381 Bank Protection Various Locations Right and Left Banks Sacramento River between Miles 81.0 and 144.0 in 20 sheets.
- 50-4-4713 Bank Protection, Various Locations Right and Left Banks, Sacramento River Mile 60.0 to Mile 111.0, in 20 sheets.
- 50-4-5170 Bank Protection, Bypass Levee Revetment East Levee, Yolo Bypass, in 3 sheets.
- 50-4-5130 Bank Protection, Various Locations, Right and Left Banks, Sacramento River Mile 60.0 to Mile 110.0, in 41 sheets.
- 50-4-5433 Bank Protection, Various Locations, Right and Left Banks, Sacramento River Mile 61.0 to Mile 102.0, in 33 sheets.
- 50-4-5718 Yolo County, California, Emergency Levee Repairs, East Bank Yolo Bypass, RD 1600, 827 and 785, in 1 sheet.
- 50-4-5722 Emergency Levee Repairs, West Bank RD 1500, East Bank RD 1600, in one sheet.
- 50-4-5712 Bank Protection, Unit 38A, Right and Left Banks, Sacramento River Mile 80.0 to Mile 193.0, in 31 sheets.
- 50-4-4694 - *Landscape Plantings, spec no. 4067, Cont. NO. 71-C-0107, S. of Mi. 71.5R & 76.9R.*
- 50-4-5714 Bank Protection, Contract 38B, Right and Left Banks, Sacramento River Mile 62.6 to Mile 117.7, in 57 sheets
- 50-4-5798 Bank Protection, Contract 43, Right and Left Banks, Feather River, Colusa Basin Drain, Yolo and Sutter By-pass, in 35 sheets.

EXHIBIT B

EXHIBIT C

PLATES OF SUGGESTED FLOOD FIGHTING METHODS

(See Standard Manual)

EXHIBIT D

CHECK LIST NO. 1

LEVEE INSPECTION REPORT

(See Standard Manual)

EXHIBIT E

CHECK LISTS OF LEVEES,
CHANNEL AND STRUCTURES

For definition of "flood" or "high water period," see paragraph 1-05 of this manual

CHECK LIST NO. 2

UNIT NO. 123

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

Item	Remarks
(a) Location by Station	
(b) Settlement, sloughing, or loss of grade	
(c) Erosion of back slope	
(d) Condition of roadways, including ramps	
(e) Evidence of seepage	
(f) Condition of farm gates and fencing	
(g) Maintenance measures taken since last inspection	
(h) Comments	

Instructions for Completing Sheet 2, Exhibit E

(To be printed on back of sheet 2)

- Item (a) **Indicate** levee station of **observation**, obtained by pacing from nearest reference point; **indicate right** or **left bank**.
- Item (b) If **sufficient settlement** of earthwork has taken place to be noticeable by visual observation, **indicate** amount of settlement in tenths of a foot. If sloughing has caused a **change in slope** of **the embankment** sections, determine the new slopes. Note areas where erosion or **gulying** of the **section has** occurred.
- Item (c) If **sufficient** erosion or **gulying** of back face or back **toe** of levee has taken place to be noticeable by visual inspection, **indicate** area affected **and** depth.
- Item (d) Note any natural change in any section of roadway or ramps. Indicate any **inadequacy** in surface drainage system.
- Item (e) Indicate any **evidence** of seepage through the **embankment** section.
- Item (f) **Indicate** the serviceability of all farm **gates** across the embankments and roadway, and indicate if repainting **is** required.
- Item (g) **Indicate** maintenance measures that **have** been **performed** since last **inspection** and their condition at the time of this inspection.
- Item (h) Record opinion, if any, of contributory **causes** for **conditions** observed and also any **observations** not covered under other columns.

NOTE: One copy of the **Inspector's** Report is to be mailed to the District Engineer immediately on **completion**, **and** one copy is to be attached to and **submitted** with the **Superintendent's semi-annual** report.

CHECK LIST NO. 3

CHANNEL AND RIGHT-OF-WAY

UNIT NO. 123

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

Item	Remarks
(a) Name of channel and location by stations	
(b) Vegetal growth in channel	
(c) Debris and refuse in channel	
(d) New construction within right-of-way	
(e) Extent of aggradation or degradation	
(f) Condition of riprapped section	
(g) Condition of bridges	
(h) Measures taken since last inspection	
(i) Comments	

Instructions for Completing Sheet 6, Exhibit E

(To be printed on the back of sheet 6)

- (1) **Enter** station of all structures **under** Column (a) for check **list**.
- (2) Inspect inlet, **barrel**, and outlet for accumulation of **sediment**, rubbish, and **vegetal** matter. **Note condition** under Column (c).
- (3) If any settlement or **damage** to the pipe, barrel, or invert of the drain **has occurred**, estimate the **location** and **amount**. Note particularly **if any backfill has come into the pipe** or been disturbed. Record observations under Column (d).
- (4) Inspect **the** concrete portions of **the** structures for evidence of settlement, cracks, "pop-outs," **spalls**, abrasive wear, or other deterioration. Record **conditions** under Column (e).
- (5) Inspect backfill area adjacent **to structure** for evidence of erosion caused by overflow of the drainage structure **and** note conditions in **Column** (f).
- (6) Under **Column** (g) indicate physical measures that **have** been taken to correct conditions reported in **last** inspection, and their **condition** at **time of this inspection**.
- (7) Under **Column** (h) record opinion, **if any**, of **contributory** causes for conditions **observed**, **also** any observations not covered **under** other **columns**.
- (8) A copy of the **inspector's** report is to be **mailed** to the **District** Engineer **immediately** on completion, **and** a record copy **shall** be attached to **the Superintendent's** remi-annual report.

EXHIBIT F
LETTER OF ACCEPTANCE
BY STATE RECLAMATION BOARD

**DEPARTMENT OF WATER RESOURCES
THE RECLAMATION BOARD**

1416 - 9th Street, Room 335-18
Sacramento, CA 95814
(916) 445-9454



JAN 0 - 1980

Colonel Paul F. Kavanaugh
District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel Kavanaugh:

The Reclamation Board at its regular meeting of December 14, 1979, authorized me to accept the completed flood control work from the Corps of Engineers. This work is a portion of Unit No. 34 of the Sacramento River Bank Protection Project. The work was transferred to the State of California by your letter of December 14, 1979.

The flood control work was constructed in a workmanlike manner and in conformance with File No. 50-4-5433, Specification No. 5403, and Contract No. DACW05-78-C-0046, insofar as could be determined visually, at Sites Miles 71.0, 73.2, 74.1, 74.6, 75.0, 75.5, 76.0, 78.1 Right Bank, and 77.8, 78.4 Left Bank, Sacramento River.

Sincerely,

A handwritten signature in blue ink that reads "Eldon E. Rinehart".

ELDON E. RINEHART
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Units 123, 124
7/1/80
12/1/80

C
O
P
Y

DEPARTMENT OF WATER RESOURCES
STATE OF CALIFORNIA

C
O
P
Y

October 2, 1970

District Engineer
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, California 95814

Subject: 4130.60.204
Your Contract 70-C-0008
Sacramento River Bank Protection
Project, Unit No. 16

Dear Sir:

Reference is made to the precompletion inspection of a portion of the above referenced project made on September 23, 1970.

The work sites inspected were as follows:

Site Mile 61.0, Left Bank, Sacramento River
Site Mile 70.4, Right Bank, Sacramento River
Site Mile 71.5, Right Bank, Sacramento River
Site Mile 71.9, Right Bank, Sacramento River
Site Mile 77.0, Right Bank, Sacramento River
Site Mile 77.85, Right Bank, Sacramento River
Site Mile 84.5, Right Bank, Sacramento River
Site Mile 96.8, Right Bank, Sacramento River
Site Mile 83.45, Left Bank, Sacramento River
Site Mile 89.6, Left Bank, Sacramento River
Site Mile 95.4, Left Bank, Sacramento River
Site Mile 95.6, Left Bank, Sacramento River

The work appeared to be completed in an acceptable manner and, insofar as could be determined visually, in conformance with the plans and specifications for the project. No deficiencies were noted.

Sincerely yours,

/s/ Clyde E. Shields
Clyde E. Shields, Chief
Construction Branch
Division of Design and Construction

EXHIBIT F

November 22, 1989

Navigation and Flood Control Unit

The Reclamation Board
State of California
1416 - 9th Street, Room 455-6
Sacramento, California 95814

done

Members of the Board:

This is in regard to the joint inspection of November 14, 1989, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 43) to the State of California for operation and maintenance. The flood control work consists of bank sloping, placement of stone protection and miscellaneous work on the Feather River right bank at Site Mile 51.1; Colusa Basin Drain left bank at Site Miles 8.5; Sutter Bypass right bank at Site Mile 64.0 and Yolo Bypass left bank at Site Mile 54.1.

The sites were completed on November 14, 1989, in accordance with Contract Number DACW05-88-C-0063, Specification Number 8367 and Drawing Number 50-4-5798.

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (PL 86-645, July 14, 1960), Section 2304(a), Title 10, and the Water Resources Development Act of 1986 (PL 99-662, October 17, 1986), and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous thereto is transferred as of November 14, 1989 to the State of California for operation and maintenance.

11-20
ROMPALA/mt
[Signature]
KELLY
[Signature]
A. SMITH

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 123, 129, 132 and 152, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

[Signature]
HELM
[Signature]
FAST
[Signature]
DENNIS
[Signature]
MASON

cc:
~~C-O Div~~; ~~Fld Cntrl Unit~~;
~~Central Valley Sec~~; ~~Prog Dev~~;
~~F&A Br~~; ~~Valley Res Ofc~~; ~~Reading~~
Copies Furnished:

Sincerely,

Jack A. Le Cuyer
Colonel, Corps of Engineers
District Engineer

DWR, ATTN: G. Snow; DWR, ATTN: G. Qualley; Cdr, SPD, ATTN: CESP-D; *[Signature]*
~~Cdr~~, USACE, ATTN: DAEN-CECW-OM Le CUYER

PC#LTRUNIT43

*Units
123, 129,
132, 152*

02

November 30, 1987

Navigation and Flood Control Unit

Done
 The Reclamation Board
 State of California
 1416 - 9th Street, Room 455-6
 Sacramento, California 95814

Members of the Board:

This is in regard to the joint inspections of November 24 and 25, 1987, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 38B), to the State of California for operation and maintenance. The flood control work consists of bank sloping and placement of stone protection on the Sacramento River's right bank at Site Miles 62.6, 70.2, 71.2, 72.1, 76.6, 76.9, 89.8 (two sites on the left and right banks below Colusa Basin Outfall) and 98.7, and left bank at Site Miles 78.2, 101.5 and 105.5.

The work was completed on November 15, 1987, in accordance with Contract Number DACW05-86-C-0079, Specification Number 7082 and Drawing Number 50-4-5714. A 100-foot section of bank protection was deleted on the right bank at Site Mile 62.6 to accommodate a water intake facility for the City of West Sacramento.

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (PL 86-645, July 14, 1960), and Section 2304(a), Title 10, and the Water Resources Development Act of 1986 (PL 99-662, October 17, 1986), and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous, thereto, is transferred as of November 25, 1987 to the State of California for operation and maintenance.

orig lost

*Units 116, 122, 123,
 124, 127, 128,
 130*

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 116, 122, Part-1, 123, 124, 127, 128 and 130, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

Sincerely,

Wayne J. Scholl
Colonel, Corps of Engineers
District Engineer

(1145)

ROMPALA/mt

Copies Furnished:

KELLY

DWR, ATTN: G. Snow
DWR, ATTN: G. Qualley

A. SMITH

cc:

Commander, South Pacific Division, ATTN: CESP-D-0
Commander, USACE, ATTN: DAEN-CECW-OM
Flood Control Unit
Civ Des Sec D (Pahl)
Prog Dev
F&A Br
Valley Res Ofc (dupe)
C-0 Div
Reading

HELM

FAST

DENNIS

CZARZASTY

SCHOLL

WANG #8856a

*Units 116, 122, 123,
124, 127, 128, 130*

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

January 15, 1987

Navigation and Flood Control Unit

The Reclamation Board
State of California
1410 - 9th Street, Room 433-6
Sacramento, California 95814

Members of the Board:

You are hereby notified that the Corps of Engineers has completed emergency repairs to project levees under authority of Section 3 of the Flood Control Act of August 18, 1941, as amended (Public Law 97, 64th Congress, 1st Session). The work was completed on November 17, 1986, and consisted of restoring portions of the Yolo Bypass left bank levee in Reclamation Districts 537, 785, 827 and 1000, the Sacramento Bypass right bank levee and the Sacramento River right bank levee in Reclamation District 1000 in accordance with Contract Number DACW85-86-C-0113 and Drawing Number 50-4-5776. This work shall be maintained in accordance with the assurances which your Board provided for the Sacramento River Flood Control Project. This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 116, 122 and 123, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

Sincerely,

cc:
E.M. (Garrett)
> Ops Br
Engr Div (Civ Des Sec D - Pahl)
Valley Res Ofc (Cameron)

Wayne J. Scholl
Colonel, Corps of Engineers
District Engineer

Copies furnished:

Commander, South Pacific Division, AFM: SPMCO-0
SAR, AFM: J. Angel
SAR, AFM: G. Snow

Jul 1-20
ROMPALA/th

RCK
KELLY

A. SMITH

HELM

FAST

DENNIS

McCOLLUM

SCHOLL

WANG #6286a

not
Units 116,
122, 123

SACRO RIVER LEVEE R&B IN RD 1600

Goodnight

MAR 3 1986

Colonel Wayne J. Scholl
District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel Scholl:

Reference is made to your letter of November 27, 1985 concerning the transfer of a portion of the Sacramento River Bank Protection Project in Contract No. 38A to the State of California for operation and maintenance.

The flood control work consisted of selective clearing, bank sloping, placement of stone bank protection, and such miscellaneous work as necessary to complete the construction at Sites Miles 94.0, 96.6, 127.5, and 128.5, Left Bank, and 80.6 and 99.2, Right Bank, Sacramento River.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-5712, Specification No. 7053, and Contract No. DACW 05-84-C-0012, insofar as could be determined visually.

The Reclamation Board, at its regular meeting of December 20, 1985, formally accepted the completed work on the above-referenced sites from the District Engineer for operation and maintenance.

If you have any questions concerning the above, please contact Mr. Richard Goodnight at (916) 445-9335.

Sincerely,

Original signed by
Robert L. Manning

for

RAYMOND E. BARSCH
General Manager

bcc: Gene Snow
Robert Bailey

RRGoodnight:pva

*Units 123, 128, 130,
134*

November 27, 1983

Navigation and Flood Control Unit

**The Reclamation Board
State of California
1416 - 9th Street, Room 453-6
Sacramento, California 95814**

Members of the Board:

This is in regard to the joint inspection of November 14, 1983 made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 38A), to the State of California for Operation and Maintenance. The flood control work consists of bank sloping and placement of stone protection on the Sacramento River left bank at Site Miles 94.0, 96.6, 127.5 and 128.5 and right bank at Site Miles 80.6, 99.2, and 134.6. These sites were completed during the past construction season in accordance with Contract Number DACW03-84-C-0112, Specification Number 7033 and Drawing Number 30-4-5712.

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (Pl. 86-649, July 14, 1960), and Section 2304(a), Title 10, and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous thereto is transferred as of November 20, 1983 to the State of California for operation and maintenance.

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 123, 128, 130, 134, and 137 Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

Sincerely,

Wayne J. Scholl
Colonel, Corps of Engineers
District Engineer

ROHPALA/jb

KELLY

HELM

FAST

SCHOLL

Copy Furnished:

- DWR, ATTN: M. Luttrupp
- DWR, ATTN: D. Naixner
- Commander, South Pacific Division, ATTN: SPDCO-0
- Commander, USACE, ATTN: DAEN-CWO-0

VERES
 CAMPBELL
 PAHL
 FILE

cc: Flood Control Unit
 Div (Civ Des Sec D (Pahl)
 Div
 F&A Br
 Valley Res Ofc
 C-O Div



DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CORPS OF ENGINEERS
830 CAPITOL MALL
SACRAMENTO, CALIFORNIA 95814

REPLY TO
ATTENTION OF

November 28, 1984

Navigation and Flood Control Unit

The Reclamation Board
State of California
1416 - 9th Street, Room 455-6
Sacramento, California 95814

Members of the Board:

You are hereby notified that the Corps of Engineers has completed emergency repairs to project levees under authority of Section 5 of the Flood Control Act of August 18, 1941, as amended (Public Law 99, 84th Congress, 1st Session). The work was completed on November 2, 1984, and consisted of restoring the Yolo Bypass left bank levee in Reclamation District 1600, and the Sutter Bypass right bank levee in Reclamation District 1500, in accordance with Contract Number DACW05-84-C-0127 and Drawing Number 50-4-5722. This work shall be maintained in accordance with the assurances which your Board provided for the Sacramento River Flood Control Project. This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 123 and 129, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

Sincerely,

Albert E. McCollam, Jr.
Lieutenant Colonel, Corps of Engineers
Acting District Engineer

Copies Furnished:

Commander, South Pacific Division, ATTN: SPDCO-0
DWR, ATTN: M. Luttropp

EXHIBIT F



DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CORPS OF ENGINEERS
650 CAPITOL MALL
SACRAMENTO, CALIFORNIA 95814

REPLY TO
ATTENTION OF

November 14, 1984

Navigation and Flood Control Unit

The Reclamation Board
State of California
1416 - 9th Street, Room 455-6
Sacramento, California 95814

Members of the Board:

You are hereby notified that the Corps of Engineers has completed emergency repairs to project levees under authority of Section 5 of the Flood Control Act of August 18, 1941, as amended (Public Law 99, 84th Congress, 1st Session). The work was completed on November 2, 1984, and consisted of restoring the left bank levee of the Yolo Bypass in R.D. 785, R.D. 827 and R.D. 1600, in accordance with Contract Number DACW05-84-C-0119 and Drawing Number 50-4-5718. This work shall be maintained in accordance with the assurances which your Board provided for the Sacramento River Flood Control Project. This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 122 and 123, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely,

Arthur E. Williams
Colonel, Corps of Engineers
District Engineer

Copy Furnished:

Commander, South Pacific Division, ATTN: SPDCO-0
DWR, ATTN: M. Luttrupp

SPKCO-0

4 November 1980



The Reclamation Board
1416-Ninth Street, Room 335-18
Sacramento, CA 95814

Gentlemen:

You are hereby notified that the Corps of Engineers has completed emergency repairs on two project levees under authority of Section 5 of the Flood Control Act of 18 August 1941, as amended (Public Law 99, 84th Congress, 1st Session). The work was completed on 21 October 1980 and consisted of repair of the project levees along the right bank of the Sacramento River, R.D. 1600 and Sutter Bypass, R.D. 1500 in accordance with Contract No. DACW05-80-C-0114, Drawing No. 50-4-5561 and Specification No. 5954. This work shall be maintained in accordance with the assurances which your Board provided for the Sacramento River Flood Control Project. This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 123 and 129, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

MANN
ROMPALA/bc

A. SMITH

Sincerely,

PAUL F. KAVANAUGH
Colonel, CE
District Engineer

KAVANAUGH

Copy furnished:
X DWR, ATTN: R. Franson

cc:
Ops Br
SPDCO-0
Engineering Division (Levees & Channels - Nolan)
Valley Res. Office

Units 123, 129

SPKCO-0

**DEPARTMENT OF WATER RESOURCES
THE RECLAMATION BOARD**

1416 - 9th Street, Room 335-18
Sacramento, CA 95814
(916) 445-9454



JAN 0 - 1980

Colonel Paul F. Kavanaugh
District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel Kavanaugh:

The Reclamation Board at its regular meeting of December 14, 1979, authorized me to accept the completed flood control work from the Corps of Engineers. This work is a portion of Unit No. 34 of the Sacramento River Bank Protection Project. The work was transferred to the State of California by your letter of December 14, 1979.

The flood control work was constructed in a workmanlike manner and in conformance with File No. 50-4-5433, Specification No. 5403, and Contract No. DACW05-78-C-0046, insofar as could be determined visually, at Sites Miles 71.0, 73.2, 74.1, 74.6, 75.0, 75.5, 76.0, 78.1 Right Bank, and 77.8, 78.4 Left Bank, Sacramento River.

Sincerely,

A handwritten signature in blue ink that reads "Eldon E. Rinehart".

ELDON E. RINEHART
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Units 123, 124
7/1/80
12/1/80



C
O
P
Y

DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CORPS OF ENGINEERS
650 CAPITOL MALL
SACRAMENTO, CALIFORNIA 95814

C
O
P
Y

REPLY TO
ATTENTION OF

SPKCO-0

14 December 1979

The Reclamation Board
State of California
1416 - 9th Street, Room 335
Sacramento, CA 95814

Gentlemen:

This is in regard to the joint inspection of 6 December 1979 made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 34), to the State of California for Operation and Maintenance. The flood control work consists of levee bank sloping and placement of stone protection on the Sacramento River right bank at Site Miles 71.0, 73.2, 74.1, 74.6, 75.0, 75.5, 76.0, and 78.1 and left bank at Site Miles 77.8 and 78.4. The sites described in the inclosure were completed on 6 December 1979 in accordance with Contract No. DACW05-78-C-0046, Specification No. 5403 and Drawing No. 50-4-5433.

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (PL 86-645, 14 July 1960), and Section 2304 (a), Title 10, and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous, thereto, is transferred as of 6 December 1979 to the State of California for operation and maintenance.

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplements Nos. 123 and 124, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely,

1 Incl
1. Summary Sac Rv Bk
Prot Proj Unit 34

PAUL F. KAVANAUGH
Colonel, CE
District Engineer

Copy furnished:
DWR,ATTN: R. Franson
DWR,ATTN: D. Meixner

EXHIBIT F

**SUMMARY OF SACRAMENTO RIVER
BANK PROTECTION PROJECT
PORTION OF UNIT 34**

SACRAMENTO RIVER RIGHT BANK

Site Mile	Stone Protection	L.F.
71.0	STA. 63+00 to 69+00	600
73.2	STA. 168+00 to 178+00	1000
74.1	STA. 120+60 to 129+00	840
74.6	STA. 100+00 to 108+00	800
75.0	STA. 79+00 to 90+00	1100
75.5	STA. 45+00 to 53+00	800
75.0	STA. 26+00 to 31+00	500
78.1	STA. 0+00 to 2+30	598
	STA. 8+00 to 11+67.8	

SACRAMENTO RIVER LEFT BANK

77.8	STA. 68+00 to 74+50	650
78.4	STA. 35+50 to 42+00	650

**DEPARTMENT OF WATER RESOURCES
THE RECLAMATION BOARD**

1416 - 9th Street, Room 335-18
Sacramento, CA 95814
(916) 445-9454



JUL 27 1979

Colonel Paul F. Kavanaugh
District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel Kavanaugh:

The Reclamation Board at its regular meeting of July 20, 1979, formally accepted the completed flood control work which was transferred to the State of California by your letter of July 18, 1979. This work is a portion of Unit No. 30 of the Sacramento River Bank Protection Project.

The flood control work was constructed in a workmanlike manner and in conformance with File No. 50-4-5130, Specification No. 5081 and Contract No. DACW05-76-C-0107, insofar as could be determined visually, at Sites Miles 70.4, 72.1, 75.9, 76.4, 76.9, 77.1, 77.4 and 77.9 Right Bank, Sacramento River.

Sincerely,

Eldon E. Rinehart
ELDON E. RINEHART
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Units 122, 123

Copy to

Aug 79

file Sac River Bank Prot transfer file

SPKCO-0

16 July 1979

The Reclamation Board
State of California
1416 - 9th Street, Room 335
Sacramento, California 95814

done

Gentlemen:

This is in regard to the joint inspection of 14 July 1979 made for the purpose of transferring a portion of the Sacramento River Bank Protection Project, Unit 30, along the right bank at Site Miles 70.4, 72.1, 75.9, 76.4, 76.9, 77.1, 77.4, and 77.9. The sites described on the inclosure were completed on 14 July 1979 in accordance with Contract No. DACW05-76-C-0107, Specification No. 5081 and Drawing No. 50-4-5130. The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, and now meets the requirement of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous thereto, is transferred as of 14 July 1979 to the State of California for operation and maintenance.

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement No. 122 Part 1 & 123, Sacramento River Bank Protection Project. Copies will be furnished your office at a later date.

Sincerely,

[Signature]
WAIT/rp

[Signature]
MCIN/DE

DONALD M. O'SHEI
Colonel, CE
District Engineer

[Signature]
A. SMITH

1 Incl
As stated

Copy furnished:
DWR,ATTN: R. Franson
DWR,ATTN: D. Meixner
OCE
SPD

[Signature]
HELM

cc:
>Ops Br (Flood Control)
Valley Res Ofc
Eng Div (lev & chan)
Prog Dev Br
F&A (Kalal)

[Signature]
PROBASCO
[Signature]
O'SHEI

Unit 122/123

*file to Prager
A. Harlow 20-7-79*

Summary of Sacramento River
Bank Protection Project
Portion of Unit 30
Sacramento River Right Bank

<u>Site Mile</u>	<u>Stone Protection</u>	<u>L. F.</u>
70.4	3+00 to 13+55	1055
72.1	6+55 to 15+50	895
75.9	30+00 to 35+90	590
76.4	0+50 to 5+00	450
76.9	56+90 to 58+60	170
77.1	45+10 to 48+20	310
77.4	30+75 to 34+50	375
77.9	5+96 to 12+36	640

4485

Unit 122, 123

Encl 1

DEPARTMENT OF WATER RESOURCES
THE RECLAMATION BOARD

1416 - 9th Street, Room 335-18
Sacramento, CA 95814
(916) 445-9454



December 14, 1976

Colonel Donald M. O'Shei
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel O'Shei:

Refer to: SPKCO-0

At its regular meeting of December 10, 1976, the Reclamation Board formally accepted from the District Engineer the completed flood control work on a portion of the Sacramento River Major and Minor Tributaries Flood Control Project. The flood control work was transferred to the State of California by your letter of November 18, 1976.

The flood control work consisted of levee bank sloping and placement of stone bank protection at two sites on the East Levee of Yolo By-Pass, Yolo County.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-5170, Specification No. 5133, and Contract No. DACW 05-76-C-0105, insofar as could be determined visually.

Sincerely,

PAUL CLIFTON
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Units 116/123



sent reports to ... 15 Dec 76

transfer

SPFCO-0



The Reclamation Board
State of California
1416 - 9th Street, Room 335
Sacramento, CA 95814

Gentlemen:

Reference is made to the joint inspection of 17 November 1976, made for the purpose of transferring a portion of the Sacramento River Major and Minor Tributaries Flood Control Project to the State of California for operation and maintenance. This work consists of shaping the levee slope and placement of rock revetment at two sites on the Yolo Bypass east levee, Yolo County.

The work, as listed and described on the inclosure, was completed on 12 November 1976 in accordance with Specification No. 5133, Contract No. DACW05-76-C-0105, Drawing No. 30-4-5170.

The work was performed under the general authority of the Flood Control Act of 22 December 1944 (Public Law 534, 78th Congress, 2nd Session) 10 U.S.C. 2304(a)(1) and now meets the requirements of the Sacramento River Major and Minor Tributaries Flood Control Project. Therefore, said work, together with the waterway banks contiguous thereto, are transferred as of 12 November 1976 to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the Operation and Maintenance Manual Supplement Nos. 116 and 123, Sacramento River Flood Control Project, and furnished to your office at a later date.

Sincerely yours,

DONALD M. O'SHEI
Colonel, CE
District Engineer

ROBERT D. CREMER, JR.
Lieutenant Colonel, CE
Deputy District Engineer

JK
ROMPALA/pl
JK for
McBRIDE
JK
A. SMITH
JK
HENSON
JK
FRASCO
CREMER
O'SHEI

*Um + S 11/16/76
123
copy to
Kenny
25-1-77*

cc: Flood Control Unit
Valley Res Ofc
Engr Div (Levee & Chan)
(Prog Dev Br)
F&A (Kalab)

✓ Incl
As stated

Copy furnished:
DWR, ATTN: R. Franzen & Robert Potter

OCE
SPD

SUMMARY OF PORTION OF SACRAMENTO RIVER
MAJOR & MINOR TRIBUTARIES PROJECT
YOLO BYPASS EAST LEVEE (LEFT BANK)

SITE	STONE PROTECTION	L.F.	SITE DESCRIPTION
1	0+48 to 2+60	212 ⁺	Located just upstream from S.N.R.R. Trestle & River Road in R.D. 1600
2	1+50 to 3+10	160 ⁺	Located about 0.5 Mile upstream from Interstate 804 in R.D. 900

Units 116, 123

THE RECLAMATION BOARD

ROOM #335, RESOURCES BUILDING, 1416 9TH STREET • SACRAMENTO 95814



MAY 30 1974

District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Refer to: 4130.60.206

Dear Sir:

The Reclamation Board at its regular meeting of May 24, 1974, formally accepted the completed flood control work from the District Engineer for operation and maintenance. The completed work is a portion of the Sacramento River Bank Protection Project, Unit No. 24, and includes those sites referred to in your May 20, 1974 letter.

The flood control work consisted of selective clearing, levee bank sloping, placement of stone bank protection, and such miscellaneous work as necessary to complete the construction at Sites Miles 77.4, 77.6, and 78.5 Left Bank and 73.1, 74.7, 75.7, 100.7 and 101.7 Right Bank, Sacramento River.

The flood control work was constructed in a workman-like manner. This flood control work has been constructed in conformance with Drawings Nos. 50-4-4713, Specification No. 4169, and Contract No. DACW05-73-C-0038, insofar as could be determined visually.

Sincerely yours,

A handwritten signature in cursive script that reads "A. E. McCollam".

A. E. McCOLLAM
Chief Engineer and
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Units 123,
124, 130

20 May 1974

The Reclamation Board
State of California
1416 - 9th Street, Room 335
Sacramento, California 95814

done

Gentlemen:

Reference is made to the joint inspection of 16 May 1974, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project Work (Unit No. 24), to the State of California for operation and maintenance. This portion of flood control work consists of levee and bank sloping, and placement of stone bank protection on the Sacramento River left bank at Site Miles 77.4, 77.6 and 78.5 and right bank at Site Miles 73.1, 74.7, 75.7, 100.7 and 101.7. The sites, as listed on the enclosure, were completed on 16 May 1974 in accordance with Specification No. 4169, Contract No. DACW05-73-C-0038, Drawing No. 50-4-4713.

The work was performed under the general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session and Section 2304(a), Title 10 and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway banks contiguous thereto, is transferred as of 20 May 1974 to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the Operation and Maintenance Manual, Supplements Nos. 123, 124 and 130 Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

1 Incl
As stated

F. G. ROCKWELL, JR.
Colonel, CE
District Engineer

Copy furnished:
DWR, ATTN: John Wright and Carl King
OCE
SPD

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Valley
F & A (Jones)

Engr (Lev & Chan)
Engr (Prog Dev)

cc:

W
ROMPALA/dc
Redac

M for
COLIMAN
[Signature]
HENSON

[Signature]
MADONLY
[Signature]
POTAMOS

K
ROCKWELL
h

*Units 1231
1241130*

SUMMARY OF PORTION OF SACRAMENTO RIVER
BANK PROTECTION UNIT NO. 24

Sacramento River Left Bank

<u>Site Mile</u>	<u>Stone Protection</u>	<u>L.F.</u>
77.4	60+15 to 72+00	1185
77.6	49+60 to 56+00	640
78.5	4+00 to 12+00	800
		<u>2625</u> <i>ck</i>

Sacramento River Right Bank

73.1	176+00 to 181+21	521
*74.7	87+25 to 99+00	1175 <i>see records show 1120</i>
75.7	34+00 to 44+00	1000
100.7	19+22 to 23+00	378
101.7	14+65 to 24+00	935
		<u>4009</u> <i>ck</i>

*Extended upstream 75'±
20'

Total 6634 *ck*

Units 123, 124, 130

C
O
P
Y

THE RECLAMATION BOARD
STATE OF CALIFORNIA

C
O
P
Y

17 January 1972

District Engineer
Corps of Engineers
U. S. Army
650 Capitol Mall
Sacramento, California 95814

Refer to : 4130.60.205

Dear Sir:

Reference is made to your letter of December 27, 1971, concerning the transfer of a portion of the Sacramento River Bank Protection Project, Unit No. 20, to the State of California for operation and maintenance.

The flood control work completed at Site Miles 93.2, 94.7, 97.6, 102.7 Left Bank and Site Miles 81.0, 84.6, 89.3, 96.8, 101.4 Right Bank of the Sacramento River was constructed in accordance with Drawing No. 50-4-4381, Specification No. 3459, and Contract No. DACW05-71-C-0051, with the exception of the reinstallation of the irrigation pumping plants located at Site Mile 93.2, Stations 37+75 and 46+85, Site Mile 94.7, Station 45+92, Site Mile 102.7, Station 20+10 all on the Left Bank, and Site Mile 96.8, Station 8+56, on the Right Bank.

The Reclamation Board, at its regular meeting of January 14, 1972, formally accepted the completed portions of work on the above-referenced sites from the District Engineer for operation and maintenance. The work accepted consists of levee enlargement, rock toe wall and stone bank protection. Not accepted were the five irrigation pumping plants located at the above-referenced sites and stations. Reinstallation of the pumps is still in progress and the above-noted pump sites will be accepted upon satisfactory completion of this work.

The Reclamation Board, at the same meeting, transferred the completed portions of work on the above-referenced sites to the following maintaining agencies for operation and maintenance:

Reclamation District No. 1500

Site Miles 93.2, 94.7, 97.6 and 102.7 Left Bank, Sacramento River

Reclamation District No. 1600

Site Mile 81.0 Right Bank, Sacramento River

Sacramento River West Side Levee District

Site Miles 96.8 and 101.4 Right Bank, Sacramento River

State Maintenance Area No. 6 (DWR)

Site Miles 84.6 and 89.3 Right Bank, Sacramento River.

Sincerely yours,

/s/ A. E. McCollam
A. E. McCOLLAM
Chief Engineer and General Manager

EXHIBIT F

27 December 1971

The Reclamation Board
State of California
1416 - 9th Street, Room 1335
Sacramento, California 95814

Valley Res Ofc

F & A (Jones)

Engr(Prog Dev)

Engr(Lev&Channs)

Gentlemen:

Reference is made to the joint inspection of 8 December 1971 made for the purpose of transferring a portion of the Sacramento River Bank Protection Project Work (Unit No. 20), to the State of California for operation and maintenance.

The flood control work consists of bank sloping, placement of stone bank protection and levee enlargement on the Sacramento River left bank at Site Miles 93.2, 94.7, 97.6 and 102.7, and right bank at Site Miles 81.0, 84.6, 89.3, 96.8 and 101.4. The work was completed on 8 December 1971 with the exception of the installation of pumps at Site Miles 93.2 left, 94.7 left, 102.7 left, and 96.8 right, in accordance with Specification No. 3459, Contract No. DACW05-71-C-0051, and Drawing No. 50-4-4381.

The work was performed under the general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session and Section 2304(a), Title 10, and now meets the requirements of the Sacramento River Bank Protection project. Therefore, said work together with the waterway banks contiguous thereto, is transferred as of 27 December 1971, to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the Operations and Maintenance Manual, Supplements Nos. 123, 127, 128 and 130. Copies will be furnished your office at a later date.

Sincerely yours,

JAMES H. HIGMAN
Lieutenant Colonel, CE
Acting District Engineer

1 Incl
Summary

Copy furnished:
DWR, J. Wright & C. King
HQDA (DAEN-CWO); SPD

Units 123, 127, 128, 130

ROMPALA/jmc
itl

COLEMAN

HENSON

HART

HIGMAN

SUMMARY OF PORTION OF SACRAMENTO RIVER BANK PROTECTION PROJECT

UNIT NO. 20, SACRAMENTO RIVER

RIGHT BANK:

<u>SITE MILE</u>	<u>STONE PROTECTION</u>	<u>L.F.</u>	<u>STONE TOEWALL</u>	<u>L.F.</u>	<u>LEVEE ENLARGEMENT</u>	<u>L.F.</u>
101.4	0+00 to 15+00	1500			10+00 to 13+00	300
96.8	4+00 to 9+65	565				
89.3	3+00 to 17+72	1472				
84.6	0+00 to 1+00) 19+56 to 30+91)	1235	0+00 to 1+00) 29+25 to 30+91) 20+50 to 27+00	266 650		
81.0	19+00 to 20+09 Bk) 20+00AH to 34+93) 0+00 to 1+00)	1702				

6474

LEFT BANK:

102.7	1+00 to 3+09 Bk) 3+10AH to 22+89)	2188				
97.6	38+00 to 49+00	1100				
94.7	27+40 to 60+00	3260				
93.2	30+00 to 55+85	2585				

9133

Total 15607

Units 123, 127, 128, 130

SPKCO-0

28 September 1970

The Reclamation Board
State of California
1416 - 9th Street, Room 1335
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection of 23 September 1970, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project Work (Unit #16), to the State of California for operation and maintenance.

83.45

The flood control work consists of levee setback, bank sloping and placement of stone bank protection on the Sacramento River left bank at Site Miles 61.0, 89.6, 95.4 & 95.6, and right bank at Site Miles 70.4, 71.5, 71.9, 77.0, 77.85, ~~82.45~~, 84.5 & 96.8. A list covering the completed work is inclosed. The work was completed on 23 September 1970 in accordance with Specification No. 3390, Contract No. DACW05-70-C-0008, Drawing No. 50-4-4310.

The work was performed under the general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session and Section 2304(a), Title 10 and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway banks contiguous thereto, is transferred as of 23 September 1970 to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the Operation and Maintenance Manual, Supplements Nos. 122, 123, 124, 127, 128 & 130, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

JAMES H. HIGMAN
Lieutenant Colonel, CE
Acting District Engineer

1 Incl (in dupe)
as stated

Copy furnished:
DWR, ATTN: John Wright

OCE
SPD

cc: Engr-Lev&Chan; Engr-Prog Dev; Valley; F&A(Cordano)

WAIT/pp

COLEMAN

NENSON

HART

HIGMAN

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Units 122, 123, 124, 127, 128, 130

SUMMARY OF SACRAMENTO RIVER BANK PROTECTION PROJECT - UNIT 16, SACRAMENTO

LEFT BANK

<u>SITE MILE</u>	<u>LEVEE SETBACK STATION</u>	<u>L.F.</u>	<u>STONE PROTECTION STATION</u>	<u>L.F.</u>	<u>STONE TOE WALL STATION</u>	<u>L.F.</u>
61.0			34+00 to 43+00	900	34+00 to 35+40	140
89.6			0+00 to 5+00	500		
95.4			10+00 to 18+00	800		
95.6			0+00 to 6+57	657		

83.45 ←

RIGHT BANK

70.4			-0+25 to 1+00	125	-0+25 to 1+00	125
71.5			45+00 to 64+00	1900	51+80 to 52+20	40
					59+30 to 60+83	153
71.9			34+00 to 41+00	700		
77.0			166+00 to 172+00	600		
77.85			130+00 to 133+00	300		
83.45			491+61 to 481+93	968		
84.5			0+00 to 7+45	745	1+78 to 5+90	312
96.8	9+00 to 16+00	700	9+00 to 15+00	600		

Units 122, 123, 124,
127, 128, 130

C
O
P
Y

THE RECLAMATION BOARD
State of California

C
O
P
Y

January 10, 1968

4130.60.203

District Engineer
Corps of Engineers
U. S. Army
650 Capitol Mall
Sacramento, California

Dear Sir:

Reference is made to your letter of December 12, 1967 concerning transfer to the State of California of the Sacramento River Bank Protection Project, Unit 12, Site Mile 147.55, left bank and Site Mile 79.5, right bank, in accordance with Specification No. 3288.

The Reclamation Board, at its meeting of January 5, 1968, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

/s/ A. E. McCOLLAM
A. E. McCollam
Chief Engineer and
General Manager

EXHIBIT F

12 December 1967

SPKKO-F

The Reclamation Board
State of California
1416 - 9th Street, Room 1335
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection of 8 December 1967, made for the purpose of transferring a portion of the Sacramento River Bank Protection work (Unit #12), to the State of California for operation and maintenance.

The flood control work consisting of bank sloping and placement of stone bank protection on Sacramento River at Site Mile 147.55, left bank and Site Mile 79.5, right bank is listed on the attached inclosure. The work was completed on 15 November 1967, in accordance with Specification No. 3288, Contract No. DACW05-68-C-0014, Drawing No. 50-4-4078.

The work was performed under the general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session; and Section 2304(a), Title 10.

The flood control work now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said flood control work, together with the waterway banks contiguous thereto, are transferred to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the operation and maintenance manual, Supplement Nos. 123 & 155, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

CRAWFORD YOUNG
Colonel, CE
District Engineer

HR
ROMPAIA/P

[Signature]
COLEMAN

[Signature]
HANSON

[Signature]
HATCH

[Signature]
YOUNG

✓ 1 Incl
as stated

✓ Copy furnished:
Dept Water Resources

✓ O.C.E.

✓ S.P.D. cc: Engr-Lev & Chan; Engr-ProgDev; Valley; F&A (Cordano)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Units 123, 155

*To AGICK HUMAN
72-00067 JK*

SUMMARY OF SACRAMENTO RIVER BANK PROTECTION PROJECT
PORTION OF UNIT #12

<u>LEVEE MILE</u> <u>SITE MILE</u>	<u>STONE PROTECTION</u> <u>STATION</u>	<u>LINEAL FEET</u>	<u>ROCK TOE WALL</u> <u>STATION</u>	<u>LINEAL FEET</u>
Right Bank: 79.5	33+00 to 56+00	2300	-	-
Left Bank: 147.55	17+00 to 28+00	1100	20+40 to 21+10 23+40 to 25+00	70 160

281
150
W.L.F.M.V.

THE RECLAMATION BOARD

ROOM 1335, RESOURCES BUILDING, 1416 9TH STREET • SACRAMENTO 95814



OCT 25 1967

4130.60.302

District Engineer
Corps of Engineers
U. S. Army
650 Capitol Mall
Sacramento, California

Dear Sir:

Reference is made to your letter of October 2, 1967 concerning transfer to the State of California of the Sacramento River Bank Protection Project, Unit No. 8, Site Mile 80.7, right bank, in accordance with Specification No. 3154.

The Reclamation Board, at its meeting of October 20, 1967, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

A handwritten signature in blue ink that reads "A. E. McCollam".

A. E. MCCOLLAM
General Manager

JHMacC:pa

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Unit 123

10 11 1967

2 October 1967

SPKKO-F

The Reclamation Board
State of California
1416 - 9th Street, Room 1335
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection of 28 September 1967, made for the purpose of transferring a portion of the Sacramento River Bank Protection Work, (Unit #8), to the State of California for operation and maintenance.

The flood control work consisted of 697 feet of levee enlargement, 260 feet of stub levee and placement of 1357 feet of stone bank protection on the right bank of the Sacramento River at Site Mile 80.7. The work was completed on 15 September 1967, in accordance with Specification No. 3154, Contract No. DA-04-167-CIVENG-66-50, Drawing No. 50-4-4004.

The work was performed under the general authority of the Flood Control Act of 1960, 86th Congress 2nd Session; and Section 2304(a), Title 10.

This completed flood control work now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said flood control work, together with the waterway banks contiguous thereto, are transferred to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the Operations and Maintenance Manual, Supplement No. 123, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

CRAWFORD YOUNG
Colonel, CE
District Engineer

ROSPAIA/pp

COLEMAN

HENSON

MEADE

MEADE

Copy furnished:

Dept Water Resources
OCE & SPD

cc: Lev&Chan-Engr;
Prog Dev-Engr;
Valley
F&A (Cordano)

CERTIFIED MAIL

RETURN RECEIPT REQUESTED to Alicia H. 6 OCT 1967

UM 7/23

MEADE
cn

THE RECLAMATION BOARD
STATE OF CALIFORNIA

9 ~~Nov~~^{Nov} 1964

Refer to: 7001.60.201
4130.60.201

District Engineer
Corps of Engineers
U. S. Army
P. O. Box 1739
Sacramento, California - 95808

Dear Sir:

Reference is made to your letter of 21 October 1964, concerning transfer to the State of California of levee enlargement, levee setback, shaping and placement of bank protection at 11 sites from Boyers Bend to Monument Bend, Specification No. 2958, Contract No. 3.

The Reclamation Board, at its meeting of November 5, 1964, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

/s/ A. E. McCOLLAM
A. E. McCOLLAM
General Manager

SPKKO-F

21 OCT 1964

The Reclamation Board
State of California
1416 - 9th Street, Room 1335
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection made on 16 October 1964, of flood control work pertaining to the Sacramento River Bank Protection Project for the purpose of transferring this work, upon completion, to the State of California for operation and maintenance.

The flood control work, designated as Contract No. 3, consisting of levee enlargement, levee setback, shaying and placement of bank protection at 11 locations from Boyers Bend to Monument Bend as listed on the attached inclosure, was completed on 16 October 1964, in accordance with Specification No. 2958, Contract No. DA-04-167-CIVENG-64-71 and Drawing No. 50-4-3742.

The flood control work as described on the attached inclosure now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said flood control works, together with the waterway banks contiguous thereto are transferred to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to the Operations and Maintenance Manual, Supplement Nos. 123, 127, 128 and 130, Sacramento River Flood Control Project, and furnished your office at a later date.

Sincerely yours,

ROBERT E. MATHE
Colonel, CE
District Engineer

Adm
[Signature]
COLEMAN/pp

[Signature]
THOMPSON

[Signature]
HART

[Signature]
MATHE

Units 123, 127, 128, 130

Incl
Summary Sheet

Copy furnished:
Dept Water Resources
O.C.E.
S.P.D.

cc: Lev & Chan, Prog Dev, Valley Res, F&A-

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

To office 20 OCT 64

[Handwritten mark]

OPERATIONS BRANCH
FLOOD CONTROL SECTION

64-71

SUMMARY OF LEVEE UNITS CONSTRUCTED - RIGHT AND LEFT BANKS - SACRAMENTO RIVER
BOYERS BEND TO MONUMENT BEND

LEVEE UNIT SITE MILE	LEVEE ENLARGEMENT	LINEAL FEET	LEVEE SETBACK	LINEAL FEET	STONE PROTECTION	LINEAL FEET	RIGHT OR LEFT BANK
81.35	4+00 to 20+00	1,600	-----	-----	1+00 to 20+00	1,900	Right
85.7	-2+65 to 10+00	1,265	-----	-----	-1+00 to 9+00	1,000	Right
86.5	-----	-----	-----	-----	2+00 to 8+80	680	Left
86.8 ✓	-----	-----	-----	-----	4+75 to 6+50	175	Right
89.4 ✓	-----	-----	-----	-----	9+85 to 21+50	1,165	Left
92.85 ✓	-----	-----	-----	-----	1+00 to 7+65	665	Left
99.3 ✓	-----	-----	1+50 to 12+00	1,050	2+00 to 10+75	925 875	Left
99.75 ✓	-----	-----	-----	-----	2+25 to 17+65 (90° Forward Tangent)	1,650	Left
101.25 ✓	-----	-----	-----	-----	4+00 to 12+00	800	Left
103.25	4+00 to 8+50 18+17 to 23+44	450 527	----- -----	----- -----	4+00 to 23+44	1,944	Left
103.35	-----	-----	1+00 to 13+00	1,200	2+00 to 12+00	1,000	Right

Units 123, 127, 128, 130

THE RECLAMATION BOARD

October 1, 1963

Refer to: 7001.70.201

District Engineer
Corps of Engineers
U. S. Army
P. O. Box 1739
Sacramento 8, California

Gentlemen:

Reference is made to your letter of September 5, 1963, concerning transfer to the State of California of levee stabilization and levee road work on the left levee of Yolo Bypass in the vicinity of Fremont Weir, designated as item 49H in the Supplement to the Memorandum of Understanding on the Sacramento River Flood Control Project, Specification No. 2771.

The Reclamation Board, at its meeting of September 19, 1963, formally accepted the above referred to levee stabilization and patrol road work for operation and maintenance.

Sincerely yours,

A. E. McCOLLAM /s/
A. E. McCOLLAM
General Manager

Supplement #1

SPKCO-C

5 September 1963

The Reclamation Board
State of California
1215 "O" Street
Sacramento 14, California

Gentlemen:

Reference is made to the joint inspection made on 3 September 1963 of flood control work on a unit of the Sacramento River Flood Control Project for the purpose of transferring it to the State of California for operation and maintenance. Reference is also made to Supplement dated 29 November 1957 to Memorandum of Understanding entered into with the State of California under date of 30 November 1953, covering added items of work required to complete the Sacramento River Flood Control Project.

The flood control work consisting of levee stabilization and asphalt spray treatment of levee road on the left levee of Yolo Bypass in the vicinity of Fremont Weir, designated as Item 49-h in the above referenced Supplement, was completed on 29 August 1963, in accordance with Specification No. 2771, Contract No. DA-04-167-CIVENG-63-61, and Drawing No. 50-4-3696.

The foregoing supplemental work having been completed to current standards for the Sacramento River Flood Control Project, is hereby transferred to the State of California for operation and maintenance. A manual for this portion of the project has already been furnished which adequately covers operation and maintenance requirements for the above item.

A copy of this letter is being transmitted to the Department of Water Resources.

Sincerely yours,

REGISTERED

RETURN RECEIPT REQUESTED

Copy furnished:
Dept Water Res. ✓
OCE ✓
SPD ✓

cc: Engr Div-Lev & Channels ✓
Engr Div-Prog Dev Br ✓

ROBERT E. MATHE
Colonel, CE
District Engineer
C. R. TEAGLE
Lt Col, CE
Deputy District Engineer
Northern Area Ofc. ✓

Unit 123

LYK
9/4/63
KRISTOF/pp

[Signature]
THOMPSON

[Signature]

MATHE

ITEM 49h

[Handwritten mark]

EDMUND G. BROWN
GOVERNOR

STANLEY W. KRONICK, SACRAMENTO
PRESIDENT
GROVER SHANNON, YUBA CITY
VICE PRESIDENT
J. J. MADIGAN, CHICO
SECRETARY

MAX S. VANN, SR., WILLIAMS
WALLACE MCCORMACK, RIO VISTA
GEORGE W. NICKEL, JR., LOS BANOS
HAROLD J. O'BANION, DOS PALOS
BOARD MEMBERS
A. N. MURRAY
GENERAL MANAGER AND CHIEF ENGINEER

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA
1215 O STREET
SACRAMENTO 14, CALIFORNIA
TELEPHONE: HI 5-4711

October 7, 1960

District Engineer
Sacramento District
U. S. Corps of Engineers
P. O. Box 1739
Sacramento, California

Supplement # 2

Dear Sir:

Reference is made to your letter of September 26, 1960, concerning the transfer to the State of the levee construction and bank revetment on the Sacramento River Flood Control Project on the levee sections listed below:

<u>SITE</u>	<u>LOCATION</u>	<u>MILE POINTS</u>
B	Right Bank, Sacramento River	81.51 to 81.70 ¹²³
F	Left Bank, Sacramento River	85.79 to 85.92 ¹⁰⁶
A-1	Right Bank, Sacramento River	120.30 to 120.74 ⁽¹³⁾
A-2	Right Bank, Sacramento River	120.95 to 121.07

The Reclamation Board at its meeting of October 6, 1960, formally accepted these levee sections for operation and maintenance.

Sincerely yours,



A. N. MURRAY
General Manager and Chief Engineer

HSH:ED

Supplement # 2
to the original letter
to the Northern District
of California

26 SEP 1960

The Reclamation Board
State of California
1215 "G" Street
Sacramento 14, California

Supplement #2

Gentlemen:

Reference is made to the second supplement dated 5 June 1958, to Memorandum of Understanding entered into with the State of California under date of 30 November 1953, covering added items of work at critical locations, required to complete the Sacramento River Flood Control Project.

The flood control work consisting of levee construction and bank revetment at four locations on the right and left banks of the Sacramento River, listed below, was completed on 19 August 1960 in accordance with Specification No. 2600, Contract No. DA-04-167-CIVENG-60-29 and Drawing No. 50-4-3613.

<u>SITE</u>	<u>LOCATION</u>	<u>MILE POINTS</u>		
B	Right Bank, Sacramento River	81.51 to 81.70	123	.19
F	Left Bank, Sacramento River	85.79 to 85.92	128	.13
A-1	Right Bank, Sacramento River	120.30 to 120.74	131	.44
A-2	Right Bank, Sacramento River	120.95 to 121.07		.12
				.88 mi

The foregoing supplemental work having been completed to current standards for the Sacramento River Flood Control Project is hereby transferred to the State of California for operation and maintenance. A maintenance manual for these sections of project levees has already been furnished which adequately covers operation and maintenance requirements for above items.

SPKKO-C
The Reclamation Board

26 SEP 1960

A copy of this letter is being transmitted to the State of California, Department of Water Resources.

Sincerely yours,

H. N. TURNER
Colonel, CE
District Engineer

Copy furnished:
Dept Water Res.
23rd & "R" Sts
Sacramento, Calif.

O.C.E.
S.P.D.

cc: Engr Div-Levees & Channels
Engr Div-Program Develop. Br.
Northern Area Office

OPERATIONS BRANCH
CHANNELS & LEVEES SECTION

Concurrences	
Originator:	LHK
Date:	9/23/60
Dist. Engr.	<i>[Signature]</i>
Asst. D.E. (A)	<i>[Signature]</i>
Asst. D.E. (O)	2 <i>[Signature]</i>
Exec. Asst.	<i>[Signature]</i>
Compt.	
Budget	
Fin. & Acct.	
Mgmt.	
Property Office	
Service	
Constn-Opns.	<i>[Signature]</i>
Engr'g	
R. E.	
Planf.	
Legal	
Supply	

Units 123, 128, 131

REGISTERED MAIL
Return Receipt
Requested

CdeA/rm

12/4/52

SPKKO-P 824.3 (Sac. R. F.C.B.)

4 DEC 1952

The Reclamation Board
State of California
1100 "O" Street
Sacramento, California

Gentlemen:

Reference is made to the District Engineer's letter dated 21 November 1952, wherein it was suggested that a joint inspection be made for the purpose of transferring to the jurisdiction of the State of California, when completed, four units of the Sacramento River Flood Control Project. Reference is also made to the joint inspection of these units of work which was made on 2 December 1952.

In accordance with the above, you are advised that the four levee units mentioned above, which are covered under Specification No. 1636, Drawing 50-4-2897, have been completed, as scheduled, on 29 November 1952. These units are described as follows:

a. Westerly levee of the Sacramento River:

- 348 (1) Part "D", Levee and patrol road, Station 243/25, at Elkhorn Ferry, River Mile 70.9, to Station 543/27, River Mile 76.5. 123
- 349 (2) Part "D", Levee and patrol road, Station 143/70, River Mile 60.75, to Station 171/00, River Mile 61.8 at Bryte's Bend State's Warehouse. 116
- 350 (3) Part "D", Levee and patrol road, Station 76/00, River Mile 59.45 at "I" Street Bridge, to Station 102/50, Mile 59.9. 116

b. Southerly levee of the American River:

- 351 Part "E", Levee and patrol road, Station 19/00 at Jibboom Street Bridge, to Station 102/55 at 16th Street Bridge at Sacramento, California. 118.1

8243 (Sac. R. F.C.P.) SPK

80

Levee Sections
348 to 351
Letter No. 40

SPKKO-P 824.3 (Sac. R. F.C.P.)
The Reclamation Board

The levee units referred to above, together with the patrol roads thereon, form an integral part of the Sacramento River Flood Control Project and meet with the requirements of the project. Therefore, said levee units, together with the waterway banks contiguous thereto, are hereby transferred to the State of California for operation and maintenance.

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations which have been prescribed by the Secretary of the Army pursuant to Section 3 of the Act of Congress, approved 22 June 1936, as amended and supplemented. As provided under paragraph 208.10(10) of these regulations, a maintenance manual covering these levee units is in process of preparation and will be furnished to you upon completion.

A copy of this letter is being transmitted to the State Engineer.

FOR THE DISTRICT ENGINEER:

Copy furnished:
State Engineer
✓ 1120 "N" Street
Sacramento, California

cc: ✓ Office of C. of E.
✓ So. Pac. Div. Eng.
✓ Eng. Div.
✓ Sacto Project Eng.
✓ Service Section
✓ C. deArrieta

Sincerely yours,

Earl G. Peacock
Lt. Col., Corps of Engineers
Executive Officer

Concurrence	
Originator	<i>G. deA</i>
Date	<i>4 Dec. 1957</i>
Exec. O.	<i>AT</i>
Exec. Asst.	
Chief Ad. Asst.	<i>B</i>
Acct. Asst. Exec.	
Audit	
Bud. & Acct.	
Manag.	
Property	
Office Svc.	
Const. Oper.	<i>cmk</i>
Engr'g	
R.E.	
Pers.	
Legal	
Supply	

81



Sac Riv FC Proj.
Pending Transf to
Recl. Bd.

Mrs. Thompson

[Signature]

PSKED-7

FEB 2 1951

*See also
letters dated
16 Feb. 1951. and 18 April 1951
attached.*

The Reclamation Board
1100 "G" Street
Sacramento 14, California

Gentlemen:

Reference is made to letter from this office dated 24 March 1950 in reply to a letter from your Board dated 27 February 1950 concerning surveys to determine the status of levees in the Sacramento River Flood Control Project with a view to transferring those levees in the project that are complete to project standards. It was stated that as surveys progress it was proposed to transfer units of the project found to conform to project standards in order that the provision of State Law regarding maintenance can be placed in effect at the earliest practicable time. Reference is also made to letter dated 26 January 1951 from the Division Engineer, South Pacific Division to the Board involving the foregoing as well as other matters relative to the project.

Pursuant to the above, investigation has been made of those portions of the easterly and westerly levees of Yolo By-pass that were completed between the years 1931 to 1935 and which heretofore have not been turned over formally to your Board for maintenance in accordance with present day practices. The levees under consideration are:

- Unit No. 56A a. Easterly levee of Yolo By-pass from Minor Slough to Yolo Causeway. Covers Map Ref. No. 145-146 and 175. and 174 113, 116
- Unit No. 57A b. Easterly levee of Yolo By-pass from Yolo Causeway to South-ern Pacific Railroad. Covers Map Ref. No. 147 116
- Unit No. 58A c. Easterly levee of Yolo By-pass from Sacramento By-pass to a point approximately 2 miles south of Fremont weir. Covers Map Ref. No. 121-140 and 142 122, 123
- Unit No. 59A d. Westerly levee of Yolo By-pass from a point approximately 109

144 not included, Why not?

Units No. 56A-57A-58A-59A and 60A.

8-5-50

PSKNO-P
The Reclamation Board

FEB 2 1951

1 mile north of the Yolo-Solano County line to a point approximately
 $\frac{1}{2}$ mile south of Yolano.
Covers Map Ref. No. 186-188 and portion of 185 which is between 186 and 188.

It is realized that certain features of these levees do not conform to the revision in project standards for Yolo By-pass authorized by the 1944 Flood Control Act, however, it is believed that a distinction should be made in this case between that authorization and the previous legislation known as the "Old" Sacramento Flood Control Project. Those parts of the levee that require additional construction authorized by the 1944 Flood Control Act will be completed to those standards in due course of time.

Maintenance manuals covering these units are in process of preparation and will be furnished your Board upon completion.

Accordingly, the levee units discussed herein are hereby transferred to the State of California for maintenance and operation. Acknowledgment of acceptance at an early date would be appreciated.

Sincerely yours,

G. C. HADG
Lt. Colonel, Corps of Engineers
District Engineer

cc: W. K. South
R. W. Barsdale
Engrg.
✓ R. H. Thompson

O.C.E.
Div, Engr.

C
O
P
Y

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

February 28, 1944

Secretary, California Debris Commission
Wright Building
Sacramento 14, California

Dear Sir:

Reference is made to your letter of October 18, 1943, transmitting plans and specifications for the east levee of the Yolo Bypass from Fremont Weir southerly 2 miles, and turning over said levee section to the State for maintenance.

Enclosed is copy of a Resolution adopted by the Board on January 5, 1944, accepting said levee unit as completed for maintenance by the State. - - - - -

Very truly yours,

THE RECLAMATION BOARD
A. M. BARTON
Chief Engineer and General Manager

/s/By G. F. Mellin
G. F. MELLIN

NOTE: Only item pertaining to Operation and Maintenance Manual No. 123 is included in the above copy.

R E S O L U T I O N

Accepting for Maintenance and operation certain item of work of "New Construction" under the Sacramento River Flood Control plan as completed by the War Department, U. S. Army, Corps of Engineers.

- - - - -

WHEREAS, the Reclamation Board did heretofore approve of a certain item of work of "new construction" (said work consisting of the raising, widening, and strengthening of existing levee and the construction of a new levee, and certain incidental construction work), to be performed along the east levee of the Yolo Bypass from Fremont Weir southerly two miles; and

WHEREAS, the War Department, U. S. Army, Corps of Engineers, and the California Debris Commission, under date of October 18, 1943, has notified the Reclamation Board of the completion of such work of "new construction" and of its desire to turn over to The Reclamation Board such work as completed for maintenance by local interests; and

WHEREAS, the Chief Engineer of the Reclamation Board has caused to be made inspections on the ground of such work of "new construction", and has found and determined that such work, as completed, has been prosecuted and carried out in conformance with the plans and specifications therefor as heretofore approved by said Board; Now, Therefore, be it;

RESOLVED and ordered that The Reclamation Board does hereby accept for maintenance and operation the said item of work of "new construction" as aforesaid, which has on the date hereinabove set forth, been turned over to said Board by the War Department, U. S. Army, Corps of Engineers, and the California Debris Commission.

Dated: January 5, 1944

- - - - -

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

I, George H. Holmes, Secretary of The Reclamation Board, do hereby certify that the above and foregoing is a true and correct copy of a Resolution passed and adopted by said Board at its meeting held January 5, 1944.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of The Reclamation Board, this 19th day of January 1944.

(s) George H. Holmes
GEORGE H. HOLMES
Secretary
The Reclamation Board

C
O
P
Y

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

June 12, 1951

District Engineer
Sacramento District
U. S. Corps of Engineers
P. O. Box 1739
Sacramento, California

Dear Sir:

Reference your letters of February 2, 1951, February 5, 1951 and February 16, 1951, requesting the Reclamation Board's acceptance of the following sections of completed Sacramento River Flood Control levees and in which you transferred to the State for maintenance and operation the first four units listed:

Easterly levee of Yolo Bypass from Sacramento Bypass to a point approximately 2 miles south of Fremont Weir.

The Reclamation Board at its meeting June 6th accepted said levees for maintenance by the State of California, under the following terms and conditions:

That the acceptance of said levees is on the understanding that the present standard of those levees are the standards existing prior to the 1944 Flood Control Act, and with the further understanding that such of the levees as require additional construction to meet the authorization under the 1944 Act, will be completed to those standards in due course of time.

Yours very truly,
THE RECLAMATION BOARD
A. M. BARTON
Chief Engineer and General Manager

By /s/ S. A. Honaker
S. A. HONAKER
Assistant Secretary

NOTE: Only item pertaining to Operation and Maintenance Manual No. 123 is included in the above copy.

C
O
P
Y

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

January 8, 1953

District Engineer
Sacramento District
U. S. Corps of Engineers
P. O. Box 1739
Sacramento, California

Dear Sir:

Reference your letter, File No. SPKKO-P 824.3 (Sac. R.F.C.P.)
dated 4 December 1952.

The Reclamation Board at its meeting December 16, 1952, accepted,
on behalf of the State of California, the levee units herein described,
and their contiguous waterway banks, for operation and maintenance.

a. Westerly levee of the Sacramento River.

(1) Part "D", levee and Patrol Road, Station 243+25, at
Elkhorn Ferry, River Mile 70.9, to Station 543+27, River Mile 76.5.

(2) - - - - -

Yours very truly,

THE RECLAMATION BOARD
A. M. BARTON
Chief Engineer and General Manager

By /s/ D. M. Carr
D. M. CARR

NOTE: Only item pertaining to Operation and Maintenance Manual No. 123
is included in the above copy.

C
O
P
Y

Registered Mail
Return Receipt
Requested

SPKKA 824.3 (Sac.Riv.F.C.P.)

8 December 1951

The Reclamation Board
State of California
1100 "O" Street
Sacramento 14, California

Gentlemen:

Reference is made to your letter of 22 June 1951 acknowledging that certain reaches of the levees of the Sacramento River Flood Control Project and the waterway bank contiguous to said levee reaches meet the requirements of the project as authorized prior to the Flood Control Act of 1944.

The levee reaches in question are located as follows:

- a. ----- .
- b. ----- .
- c. Westerly levee of the Sacramento River.
 - (1) ----- .
 - (7) Mile 76.5 to Mile 81.7 (East End Fremont Weir).
 - (8) ----- .

The levee covered by items a, b(4), c(1), c(3), c(5), c(6), c(7), c(9), c(10), c(13), c(15), d(2), e, f(1), f(2), f(4), f(6), j, k, n(4), n(5), s(2), s(3), t, u, and v, above although complete has not been formally transferred as contemplated by the project documents. Accordingly the levee covered by said items, together with the waterway bank contiguous thereto, is hereby transferred to the State of California for maintenance and operation.

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations which have been prescribed by the Secretary of the Army pursuant to Section 3 of the Act of Congress approved

22 June 1936, as amended and supplemented. As provided under paragraph 208.10(10) of these regulations, a maintenance manual covering these works is in process of preparation and will be furnished your Board upon completion.

A copy of this letter is being transmitted to the State Engineer.

FOR THE DISTRICT ENGINEER:

Sincerely yours,

H. R. REIFSNYDER
Lt. Colonel, Corps of Engineers
Executive Officer

NOTE: Only item pertaining to Operation and Maintenance Manual No. 123 is included in the above copy.

EXHIBIT G

SUGGESTED SEMI-ANNUAL REPORT FORM

TO: The District Engineer
Sacramento District
Corps of Engineers
1209 - 8th Street
Sacramento, California

(1 May 19____)
(1 Nov 19____)

Dear Sir:

The semi-annual report for the period (1 May 19____ to 31 October 19____) (1 November 19____ to 30 April 19____) Unit No. 123 of the Sacramento River Flood Control Project, the west levee of the Sacramento River and the east levee of Yolo Bypass within Reclamation District No. 1600 is as follows:

a. The physical condition of the protective works is indicated by the inspector's report, copies of which are inclosed, and may be summarized as follows:

(Superintendent's summary of conditions)

It is our intention to perform the following maintenance work in order to repair or correct the conditions indicated:

(Outline the anticipated maintenance operations for the following 6 months.)

b. During this report period, major high water periods (water level at 34.5 on the gage at the east end of Fremont Weir and 35.0 on the gage at the west end of Fremont Weir) occurred on the following dates:

<u>Dates</u>	<u>Maximum Elevations</u>
_____	_____
_____	_____
_____	_____

Comments on the behavior of the protective works during such high water periods are as follows:

(Superintendent's log of flood observations)

During the high water stages when the water level reached a height of _____, on the gage or excess thereof (dates) _____, it was necessary to organize and carry out flood operations as follows:

(See Maintenance Manual _____)

c. The inspections have indicated (no) or (the following) encroachments or trespasses upon the project right-of-way.

d. (No) (_____) permits have been issued for (the following) improvements or construction within the project right-of-way.

Executed copies of the permit documents issued are transmitted for your files.

e. The status of maintenance measures, indicated in the previous semi-annual report as being required or as suggested by the representatives of the District Engineer, is as follows:

(Statement of maintenance operations, item by item with percent completion.)

f. The fiscal statement of the Superintendent's operations for the current report period is as follows:

	<u>Labor</u>	<u>Material</u>	<u>Equipment</u>	<u>Overhead</u>	<u>Total</u>
1. Inspection					
2. Maintenance					
3. Flood fighting operations					
Total					

Respectfully submitted,

Superintendent of Works

**DEPARTMENT OF WATER RESOURCES
RECLAMATION BOARD**

3 - 9th Street, Room 335-18
Sacramento, CA 95814
(916) 445-9454



C
O
P
Y

JUL 27 1979

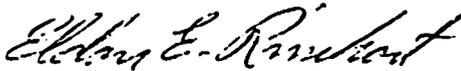
Colonel Paul F. Kavanaugh
District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel Kavanaugh:

The Reclamation Board at its regular meeting of July 20, 1979, formally accepted the completed flood control work which was transferred to the State of California by your letter of July 18, 1979. This work is a portion of Unit No. 30 of the Sacramento River Bank Protection Project.

The flood control work was constructed in a workmanlike manner and in conformance with File No. 50-4-5130, Specification No. 5081 and Contract No. DACW05-76-C-0107, insofar as could be determined visually, at Sites Miles 70.4, 72.1, 75.9, 76.4, 76.9, 77.1, 77.4 and 77.9 Right Bank, Sacramento River.

Sincerely,


ELDON E. RINEHART
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



EXHIBIT F

C
O
P
Y

DEPARTMENT OF WATER RESOURCES
STATE OF CALIFORNIA

C
O
P
Y

December 14, 1976

Colonel Donald M. O'Shei
Sacramento District
U.S. Army Corps of Engineers
650 Capitol Mall
Sacramento, CA 95814

Dear Colonel O'Shei:

Refer to: SPKCO-0

At its regular meeting of December 10, 1976, the Reclamation Board formally accepted from the District Engineer the completed flood control work on a portion of the Sacramento River Major and Minor Tributaries Flood Control Project. The flood control work was transferred to the State of California by your letter of November 18, 1976.

The flood control work consisted of levee bank sloping and placement of stone protection at two sites on the East Levee of Yolo By-Pass, Yolo County.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-5170, Specification No. 5133, and Contract No. DACW 05-76-C-0105, insofar as could be determined visually.

Sincerely,

/s/ Paul L. Clifton
PAUL L. CLIFTON
General Manager

C
O
P
Y

THE RECLAMATION BOARD
STATE OF CALIFORNIA

C
O
P
Y

May 30, 1974

District Engineer
Sacramento District
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, California 95814

Refer to: 4130.60.206

Dear Sir:

The Reclamation Board at its regular meeting of May 24, 1974, formally accepted the completed flood control work from the District Engineer for operation and maintenance. The completed work is a portion of the Sacramento River Bank Protection Project, Unit No. 24, and includes those sites referred to in your May 20, 1974 letter.

The flood control work consisted of selective clearing, levee bank sloping, placement of stone bank protection, and such miscellaneous work as necessary to complete the construction at Sites Miles 77.4, 77.6, and 78.5 Left Bank and 73.1, 74.7, 75.7, 100.7 and 101.7 Right Bank, Sacramento River.

The flood control work was constructed in a workmanlike manner. This flood control work has been constructed in conformance with Drawings Nos. 50-4-4713, Specification No. 4169, and Contract No. DACW05-73-C-0038, insofar as could be determined visually.

Sincerely yours,

/s/ A. E. McCollam
A. E. McCOLLAM
Chief Engineer and
General Manager

C
O
P
Y

DEPARTMENT OF WATER RESOURCES
STATE OF CALIFORNIA

C
O
P
Y

October 2, 1970

District Engineer
U. S. Army Corps of Engineers
650 Capitol Mall
Sacramento, California 95814

Subject: 4130.60.204
Your Contract 70-C-0008
Sacramento River Bank Protection
Project, Unit No. 16

Dear Sir:

Reference is made to the precompletion inspection of a portion of the above referenced project made on September 23, 1970.

The work sites inspected were as follows:

Site Mile 61.0, Left Bank, Sacramento River
Site Mile 70.4, Right Bank, Sacramento River
Site Mile 71.5, Right Bank, Sacramento River
Site Mile 71.9, Right Bank, Sacramento River
Site Mile 77.0, Right Bank, Sacramento River
Site Mile 77.85, Right Bank, Sacramento River
Site Mile 84.5, Right Bank, Sacramento River
Site Mile 96.8, Right Bank, Sacramento River
Site Mile 83.45, Left Bank, Sacramento River
Site Mile 89.6, Left Bank, Sacramento River
Site Mile 95.4, Left Bank, Sacramento River
Site Mile 95.6, Left Bank, Sacramento River

The work appeared to be completed in an acceptable manner and, insofar as could be determined visually, in conformance with the plans and specifications for the project. No deficiencies were noted.

Sincerely yours,

/s/ Clyde E. Shields
Clyde E. Shields, Chief
Construction Branch
Division of Design and Construction

EXHIBIT F

EXHIBIT G

SUGGESTED SEMI-ANNUAL REPORT FORM

TO: The District Engineer
Sacramento District
Corps of Engineers
1209 - 8th Street
Sacramento, California

(1 May 19____)
(1 Nov 19____)

Dear Sir:

The semi-annual report for the period (1 May 19____ to 31 October 19____) (1 November 19____ to 30 April 19____) Unit No. 123 of the Sacramento River Flood Control Project, the west levee of the Sacramento River and the east levee of Yolo Bypass within Reclamation District No. 1600 is as follows:

a. The physical condition of the protective works is indicated by the inspector's report, copies of which are inclosed, and may be summarized as follows:

(Superintendent's summary of conditions)

It is our intention to perform the following maintenance work in order to repair or correct the conditions indicated:

(Outline the anticipated maintenance operations for the following 6 months.)

b. During this report period, major high water periods (water level at 34.5 on the gage at the east end of Fremont Weir and 35.0 on the gage at the west end of Fremont Weir) occurred on the following dates:

<u>Dates</u>	<u>Maximum Elevations</u>
_____	_____
_____	_____
_____	_____

Comments on the behavior of the protective works during such high water periods are as follows:

(Superintendent's log of flood observations)

During the high water stages when the water level reached a height of _____, on the gage or excess thereof (dates) _____, it was necessary to organize and carry out flood operations as follows:

(See Maintenance Manual _____)

c. The inspections have indicated (no) or (the following) encroachments or trespasses upon the project right-of-way.

d. (No) () permits have been issued for (the following) improvements or construction within the project right-of-way.

Executed copies of the permit documents issued are transmitted for your files.

e. The status of maintenance measures, indicated in the previous semi-annual report as being required or as suggested by the representatives of the District Engineer, is as follows:

(Statement of maintenance operations, item by item with percent completion.)

f. The fiscal statement of the Superintendent's operations for the current report period is as follows:

	<u>Labor</u>	<u>Material</u>	<u>Equipment</u>	<u>Overhead</u>	<u>Total</u>
1. Inspection					
2. Maintenance					
3. Flood fighting operations					
Total					

Respectfully submitted,

Superintendent of Works