

SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL
SACRAMENTO RIVER
FLOOD CONTROL PROJECT
UNIT No.131
WEST LEVEE OF SACRAMENTO RIVER
FROM WILKINS SLOUGH TO COLUSA
(MILE 117.8 TO MILE 143.5)



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

CORPS OF ENGINEERS
U. S. ARMY

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Sacramento District
Corps of Engineers
U. S. Army
May 1960

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LOCATION	ADDITION OR REVISION	DATE
1-04 l	Add contract no. 60-29	Nov 1963
1-04 m	Add contract no. 62-60	Nov 1963
Exhibit B	Add drawing no. 50-4-3613	Nov 1963
Exhibit B	Add drawing no. 50-4-3656	Nov 1963
1-04 n	Add contract no. 65-15	Jul 1966
Exhibit B	Add drawing no. 50-4-3754	Jul 1966
Exhibit F	Add letter of transfer dated 26 Oct 1965	Jul 1966
1-04 o	Add contract no. 66-50	Nov 1966
Exhibit B	Add drawing no. 50-4-4004	Nov 1966
Exhibit F	Add letter of transfer dated 8 Nov 1966	Nov 1966
1-04 p	Add contract no. DACW05-C-0067	Nov 1968
Exhibit B	Add drawing no. 50-4-4179	Nov 1968
Exhibit F	Add letter of acceptance dated 23 Oct 1968	Nov 1968
1-04	Add subparagraph q	Mar 1972
2-01	Add subparagraph c	Mar 1972
Exhibit B	Add drawing no. 50-4-4339	Mar 1972
Exhibit F	Add copy of letter of acceptance dated 31 Dec 1971	Mar 1972
1-04	Add subparagraph r	Jun 1975
2-01	Revise subparagraph c	Jun 1975
Exhibit B	Add drawing no. 50-4-4586	Jun 1975
Exhibit F	Add copy of letter of acceptance dated 1 Oct 1973	Jun 1975
1-04	Add subparagraph s	Dec 1975
Exhibit B	Add drawing no. 50-4-4979	Dec 1975
Exhibit F	Add copy of letter of acceptance dated 2 Aug 1974	Dec 1975
1-04	Add subparagraph t	Jan 1976
1-04	Add subparagraph u	Jan 1976
Exhibit B	Add drawing no. 50-4-4777 and no. 50-4-5001	Jan 1976
Exhibit F	Add copy of letters of acceptance dated 9 Jul 1974, 18	Jan 1976
1-04	Add subparagraph v	Feb 1979
2-01	Delete subparagraph c (June 1975)	Feb 1979
2-05	Add environment protection	Feb 1979
Exhibit B	Drawing no. 50-4-5011	Feb 1979

LOCATION	ADDITION OR REVISION	DATE
Exhibit F	Added acceptance letter dated 13 Jan 1977	Feb 1979
1-04	Add subparagraph w	Nov 1983
Exhibit B	Add drawing no. 50-4-5438	Nov 1983
Exhibit F	Add copy of letter of transfer dated 30 Nov 1982	Nov 1983
Section 1-04	Add paragraph x	6 May 2010
Exhibit B	Add Drawing No. 50-04-6056	6 May 2010
Exhibit F	Add copy of letter of transfer dated 12 Nov 2003	6 May 2010
Exhibit F	Add copy of letter of acceptance dated 25 Feb 2005	6 May 2010
Exhibit F	Add copy of letter of acceptance dated 21 Aug 1946	22 Dec 2010
Exhibit F	Add copy of transfer letter dated 30 Nov 1949	22 Dec 2010
Exhibit F	Add copy of transfer letter dated 30 Aug 1950	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 27 Dec 1950	22 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 24 Apr 1951	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 8 Nov 1951	22 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 7 Feb 1955	22 Dec 2010
Exhibit F	Add copy of letter of transfer dated 16 Nov 1959	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 21 Nov 1962	22 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 7 Jan 1964	22 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 22 Nov 1966	2 Feb 2011
Exhibit F	Add copy of letter of acceptance dated 20 Feb 1967	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 10 Oct 1968	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 6 Aug 1969	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 30 Nov 1971	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 25 Sep 1973	2 Feb 2011
Exhibit F	Add copy of letter of transfer dated 25 Jun 1974	8 Mar 2011
Exhibit F	Add copy of letter of transfer dated 24 Jul 1974	8 Mar 2011
Exhibit F	Add copy of letter of transfer dated 30 Oct 1974	8 Mar 2011
Exhibit F	Add copy of letter of transfer dated 19 Nov 1974	8 Mar 2011
Exhibit F	Add copy of letter of transfer dated 27 Dec 1976	8 Mar 2011
Exhibit F	Add copy of letter of acceptance dated 21 Dec 1982	8 Mar 2011
Exhibit F	Add copy of letter dated 26 Jul 2004	20 Aug 2013
Exhibit F	Add copy of letter of transfer dated 29 Nov 2016	29 Dec 2016

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EXHIBITS

<u>Exhibit</u>	<u>Description</u>
A	Flood Control Regulations - - - - - Unattached (Contained in Standard Manual)
A-1	Location Map - - - - - 1 Sheet
B	"As Constructed" Drawings - - - - - Unattached
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 Lists - Levees, Channels and Structures- - - Sheets 1 thru 9
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G	Suggested Semi-Annual Report Form - - - - - Sheets 1 & 2

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

UNIT NO. 131
WEST LEVEE OF SACRAMENTO RIVER
FROM WILKINS SLOUGH TO COLUSA
(MILE 117.8 to 143.5)

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 Wilkins Slough upstream to the bridge at Colusa. The location by river mileage is from about mile 117.8 to mile 143.5. The levee and channel of this unit lies within the West Side Levee District and extends from a point about 26 miles upstream from Knights Landing to Colusa in Colusa County, California. The location of the completed unit covered by this manual is shown on Exhibit A-1.

1-02. Project Works. The project works 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 1928, 1937 and 1941, and consists of the westerly levee (right bank) from Wilkins Slough upstream about 24.36 levee miles to the Colusa bridge. Portions of the original levee built by local interests have been repaired, provided with stone protection, enlarged and/or setback by the Corps of Engineers to adopted grade and section. For more complete details of construction of the levee within this unit, reference is made to the "As Constructed" drawings of Exhibit B.

1-03. Protection Provided. The levee of this unit provides direct protection to agricultural lands that lie westerly from the levee. The grade of the adopted flood plane in the Sacramento River varies from elevation 52.5 at Wilkins Slough to elevation 70.0 at the Colusa Bridge (elevations are referred to U. S. Corps of Engineers datum). The levee project grade along the Sacramento River provides a freeboard which equals or exceeds three feet and the project design flood capacity is 48,000 cubic feet per second within this unit.

1-04. Construction Data and Contractor. Construction contracts and job orders required to repair and bring locally built levees within this unit to project standards were as follows:

<u>Drawing</u>	a. <u>Job Order No.</u>	<u>River Mile</u>	<u>Date of Completion</u>
6-4-1252	125	119.6 R	December 1936
6-4-1255	133	141.2 R	November 1936
6-4-1253	142	127.4 R	December 1936
6-4-1308	143	130.6 R	December 1936

6-4-1405	281	127.4 R	-
6-4-1732	535	141.0 R	29 December 1939
6-4-1729	537	127.3 R	22 December 1939
50-4-1840	631	130.6 R	-
No Drawing	729	133.2 R	31 October 1941

b. Bank protection at Mile 120.3 R was completed by A. Teichert and Son on 24 December 1936. [Drwg. 6-4-1260](#)

c. Bank protection at Mile 131.6 R was accomplished by M. J. Ruddy and George E. Murry, Contractors under Contract No. W-1105-eng-2086 and completed on 20 July 1938. [Drwg. 6-4-1250](#)

d. Bank protection from Mile 123.0 R to 123.8 R was accomplished under contract No. W-1105-eng-2913 by Hemstreet & Bell, and completed on 14 December 1940.

e. Bank protection from Mile 126.3 to 126.5 R and 131.3 to 131.8 R was accomplished under Contract No. W-04-167-eng-602 by H. Earl Parker, and completed on 15 November 1944. [Drwgs. 50-4-2208 & 50-4-2211](#)

f. Levee setback and bank protection at ten sites was accomplished under Contract No. W-04-167-eng-1576 by H. Earl Parker, Inc., during the period from 11 February 1949 to 26 May 1950. [Drwg. 50-4-2545](#)

g. Bank protection from Mile 137.6 to 140.8 R was accomplished under Contract No. DA-04-167-eng-112 by Lentz Construction Co., during the period from 19 December 1949 to 15 September 1950. [Drwg. 50-4-2598](#)

h. Normal bank protection work was accomplished under Contract No. DA-04-167-eng-1186 by H. Earl Parker, Inc., during the period from 19 July 1954 to 10 June 1955.

i. A patrol road was built at various locations between Knights Landing and Colusa under Contract No. DA-04-167-CIVENG-56-247 by W. H. O'Hair Co., during the period from 19 July 1956 to 20 November 1956. [Drwg. 50-4-3211](#)

j. Emergency levee repairs at Mile 125.3 R was accomplished under Contract No. DA-04-167-CIVENG-58-36 by Claude L. Youngs, Inc., during the period from 24 October 1957 to 10 November 1957. [Drwg. 50-4-3470, Spec. 2387](#)

k. Bank protection at warehouse sites was accomplished under Contract No. DA-04-167-CIVENG-59-40 by H. Earl Parker, Inc., during the period from 15 April 1959 to 26 October 1959. [Drwg. 50-4-3243](#)

l. Bank protection, right bank Sacramento River was accomplished under Contract No. DA-04-167-CIVENG-60-29 by Basalt Rock Company, Inc. during the period from 4 May 1960 to 19 August 1960, Specification No. 2600, Drawing No. 50-4-3613.

m. Bank protection, right bank Sacramento River at river mile 131.75 to 132.5 was accomplished under Contract No. DA-04-167-CIVENG-62-60 by Elmer G. Wendt, Inc., during the period from 23 April 1962 to 9 November 1962, Specification No. 2738, Drawing No. 50-4-3656.

n. Bank protection, right and left banks Sacramento River at various locations between Colusa and Boyers Bend was accomplished under Contract No. DA-04-167-CIVENG-65-15 by Elmer G. Wendt, Inc. during the period from 22 September 1964 to 5 November 1965, Specification No. 3024, Drawing No. 50-4-3754.

o. Bank protection, right bank of Sacramento River at various locations between Knights landing and Colusa (Unit No. 8) was accomplished under Contract No. DA-04-167-CIVENG-66-50 by H. Earl Parker, Inc. during the period from 18 October 1965 to 4 November 1966, Specification No. 3154, Drawing No. 50-4-4004.

p. Bank protection, right bank of Sacramento River at Mile 139.71 and Mile 139.08 (Unit No. 13) was accomplished under Contract No. DACW05-68-C-0067 by H. Earl Parker, Inc. and completed during October 1968. Specification No. 3369, Drawing No. 50-4-4179.

q. Bank protection, right bank of Sacramento River at miles 121.1, 123.1, 124.7, 125.1, 127.1, 130.7, 132.7, 141.7, and 142.6 (Unit No. 17) was accomplished under Contract No. DACW05-70-C-0049 by A. A. Teichert and Sons during the period from 15 December 1969 to 20 January 1972. Specification No. 3406. Drawing No. 50-4-4339.

r. Bank protection, and selective clearing on the right bank of Sacramento River at Site Miles 123.3, 124.1, 126.5, and 128.0 (Unit No. 22) was accomplished under Contract No. DACW05-72-C-0057 by A. A. Teichert and Sons during the period from 20 March 1972 to 9 November 1973. Specification No. 3924, Drawing No. 50-4-4586.

s. Bank protection, and selective clearing on the right bank of Sacramento River at Site Mile 124.5, was accomplished under Contract No. DACW05-74-C-0082 by Mostelotto Enterprises, Inc. during the period from 14 June 1974 to 13 July 1974, Specification No. 4744, Drawing No. 50-4-4979.

t. Bank sloping, stone protection, and selective clearing on the right bank of Sacramento River (Unit No. 26) at Site Miles 119.5, 122.1, 137.3, 137.5, 139.5, 142.9 and 143.1, was accomplished under Contract No. DACW05-73-C-0059 by Luhr Brothers, Inc. during the period from 7 December 1972 to 15 November 1974, Specification No. 4251, Drawing No. 50-4-4777.

u. Stone protection, bank sloping, and selective clearing on the right bank of the Sacramento River at Site Mile 143.4 (PL 84-99 Emergency Repair Authority) was accomplished under Contract No. DACW05-72-C-0025 by Wayne L. Grist, Inc. during the period from 2 October 1974 to 6 December 1974. Specification No. 4786, Drawing No. 50-4-5001.

v. Bank sloping, stone protection, and selective clearing on the right bank of Sacramento River at Site Miles 120.8, 121.7, 122.2, 123.8, 135.0, 135.3, 137.1, 138.8, 139.4, 142.0 and 142.5 (of Unit 29) was accomplished under Contract No. DACW05-76-C-0084 by Claude C. Wood Company during the period from 28 June 1976 to 9 August 1977, Specification No. 4833, Drawing No. 50-4-5011.

w. Bank sloping, stone protection and selective clearing on the bank of the Sacramento River at Site Miles 118.4 R, 123.9 R, 130.5 R, 134.7 R, 136.7 R, 137.2 R, 137.4 R, and 140.9 R (a portion of Unit 35) was accomplished under Contract No. DACW05-81-C-0036 by Francis Construction, Inc. Construction was completed on 18 November 1982. Specification No. 5472, Drawing No. 50-4-5438.

x. Installation of a stability and seepage berm with toe drain on the right bank of the Sacramento River, approximately 0.25-miles upstream of the confluence with the Tisdale Bypass, L.M. 26.9 (R.M. 119.1) to L.M. 27.4 (R.M. 119.6). The project was accomplished under Contract No. DACW05-02-C-0020 by TNT Industrial Contractors, Inc. Construction was completed on 9 December 2002. Specification No. 9982, Drawing No. 50-04-6056.

1-05. Flood Flows. For purposes of this manual, the term “flood” or “high water period” shall refer to flows when the water surface in the Sacramento River reaches or exceeds a reading of 48.0 on the continuous water stage recorder and staff gage located on the right bank of the Sacramento River about 2,000 feet downstream from Wilkins Slough. Also when the water surface in the Sacramento River reaches or exceeds a reading of 65.0 on the continuous water stage recorder and staff gage located on the right bank of the Sacramento River immediately downstream from the Colusa Bridge. An automatic short wave radio water stage broadcaster is maintained at this station. Both gages are 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 of the state Water Code (see paragraph 2-02 of the Standard Manual).

1-07. Transfer to or Acceptance by the State Reclamation Board. Responsibility for operating and maintaining portions of the completed works of Unit. No. 131 were accepted by the State Reclamation Board by letters dated 28 November 1951 and 22 December 1959. Other portions were transferred to the State Reclamation Board by letters dated 13 December 1951, 21 January 1955, 17 June 1955 and 5 December 1956, all as shown in copies of letters contained in 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 limits of the levee covered in Unit No. 131 are as described in paragraph 1-02 of this manual. Reconstruction of this levee consisted mainly of setting back the levee, sloping the bank and placing stone protection on the waterside slope. The crown of the levee is 20 feet wide and surfaced for patrol road purposes; the slopes are 1 on 3 waterside and 1 on 2 landside. For more complete details of the above-mentioned reconstructed levee, reference is made to the "As Constructed" drawings of Exhibit B. Structures affecting levee maintenance are listed in Exhibit B and paragraph 2-02 of this manual.

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

- (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 levee are as follows:

~~c. Environmental values. Vegetation preserved as a part of selective clearing on the waterside berm or slope above the bank protection during prosecution of the contract shall not be removed as a part of normal maintenance as long as it remains alive and in a healthy state.~~

↑
Deleted Jan 1976

Drainage and Irrigation Structures, Con't.

Levee Mileage	Size of Pipe	Location of Gate	Other Structure Description	Invert Below Crown
26.92	14"	W.S.	Pump house W.S.	4.5'
27.79	24"	W.S.	Standpipe W.S.	16.2'
27.79	24"	-	"	6.2'
27.89	24"	W.S.	Gate valve L.S.	14.0'
28.41	14"	W.S.	Pump house W.S.	7.5'
29.02	24"	W.S.	Pump house W.S.	24.5'
29.02	10"	-	-	8.0'
29.02	16"	-	Pump house L.S.	8.5'
30.47	12"	-	Pump house L.S.	8.0'
30.47	16"	-	-	8.3'
31.78	3' x 3'	W.S.	Concrete culvert-Pump house W.S.	18.0'
32.02	24"	W.S.	Pump house W.S.	24.0'
32.28	12"	W.S.	Pump W.S.	4.0'
32.68	4"	W.S.	-	19.3'
32.87	24"	W.S.	-	21.0'
33.09	36"	W.S.	Abandoned	18.0'
33.18	24"	W.S.	Concrete pipe - Pump house W.S.	17.0'
34.46	16"	W.S.	-	6.3'
34.47	16"	-	-	6.5'
35.18	48"	W.S.	-	23.0'
35.68	3.5' x 4'	W.S.	Abandoned concrete culvert	16.5'
36.04	18"	W.S.	Pump house W.S.	16.0'
36.61	24"	W.S.	Abandoned	17.0'
36.71	18"	W.S.	Pump W.S.	15.5'
37.67	30"	W.S.	Square concrete culvert-Pump house W.S.	19.0'
37.95	10"	L.S.	Pump L.S.	2.8'
38.89	2-3' x 4'	W.S.	Concrete culverts	21.0'
39.20	2-6' x 6'	W.S.	Concrete culverts	30.0'
39.68	2-12"	W.S.	Pump W.S.	23.0'
39.68	16"	W.S.	Pump W.S.	23.0'
39.68	30"	W.S.	Pump W.S.	23.0'
39.82	24"	W.S.	Pump W.S.	21.0'
40.33	3-6"	-	Oil Terminals Co. pipe lines	1.0'
40.43	12"	W.S.	Pump W.S.	5.0'
41.39	30"	W.S.	-	17.5'
41.56	24"	W.S.	-	19.0'
42.37	30"	W.S.	Pipe Well W.S.	19.5'
42.98	30"	W.S.	Pipe Well W.S.	19.5'
44.05	4' x 5'	W.S.	Concrete culvert-Pump house W.S.	21.0'
46.06	24"	-	-	5.7'
46.73	18"	W.S.	Switch house W.S.	21.0'
46.86	18"	W.S.	Switch house W.S.	25.5'

Drainage and Irrigation Structures, Con't.

Levee Mileage	Size of Pipe	Location of Gate	Other Structure Description	Invert Below Crown
47.71	14"	L.S.	-	25.5'
48.23	16"	W.S.	-	17.3'
48.64	14"	W.S.	Switch house W.S.	17.7'
48.91	24"	W.S.	-	15.5'
49.14	1-1/2"	-	Domestic Supply	2.1'
49.22	2-7"	-	Shell Oil Co. Dock	2.6'
49.33	4-7"	-	Union Oil Co. Dock	2.6'
49.95	26"	W.S.	Colusa Irrig. Co. Pumping Plant	23.7'
49.95	2-5'x5'	W.S.	Concrete culverts	21.0'

Note on abbreviations:

L.S. = Landside
W.S. = Waterside

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. Channel.

a. Description. The channel of the Sacramento River is confined between levees along both banks within this unit, and is located as described in paragraph 1-02 of this manual. The average width of the floodway between levees is about 500 feet and the project design flood capacity is 48,000 cubic feet per second from Colusa to Tisdale Weir and 30,000 cubic feet per second from Tisdale Weir to Wilkins Slough. Since the channel is used for navigable purposes, the responsibility of local interests for inspection, maintenance and operation of the channel shall be limited to flood control, and the requirements which follow shall be observed only to that extent.

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 48.0 on the gage located on the right bank of the Sacramento River about 2,000 feet downstream from Wilkins Slough or a reading of 65.0 on the gage located on the right bank of the Sacramento River immediately downstream from the Colusa Bridge, as referred to 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 in the Sacramento River 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 flood-flow stage 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 3-05 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) Bridge Crossing.

- (a) A swing bridge crossing the Sacramento River at Meridian.

- (b) A swing bridge crossing the Sacramento River at Colusa.

- (2) Utility Relocations. Because of the nature of the construction of the levee by local interests, records of utility relocations are not available.

- (3) Hydrographic Facilities.

- (a) A continuous water stage recorder and staff gage to be maintained by the U. S. Geological Survey and State Department of Water Resources located on the right bank of the Sacramento River 2,000 feet downstream from Wilkins Slough.

- (b) A continuous water stage recorder and staff gage to be maintained by the U. S. Geological Survey and State Department of Water Resources located on the right bank of the Sacramento River immediately downstream from the Colusa Bridge.

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 preserved as a part of selective clearing on the waterside berm or 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. *

b. Consistent with the standards established in this manual and those established by the State of California, all wild growth, including but not limited to, trees, shrubs and other vegetation within those project areas where environmental easements have been obtained by local interests shall be preserved and retained. (Reference Site Miles 137.1, 138.8, 139.4, Right Bank, Sacramento River.)

SECTION III

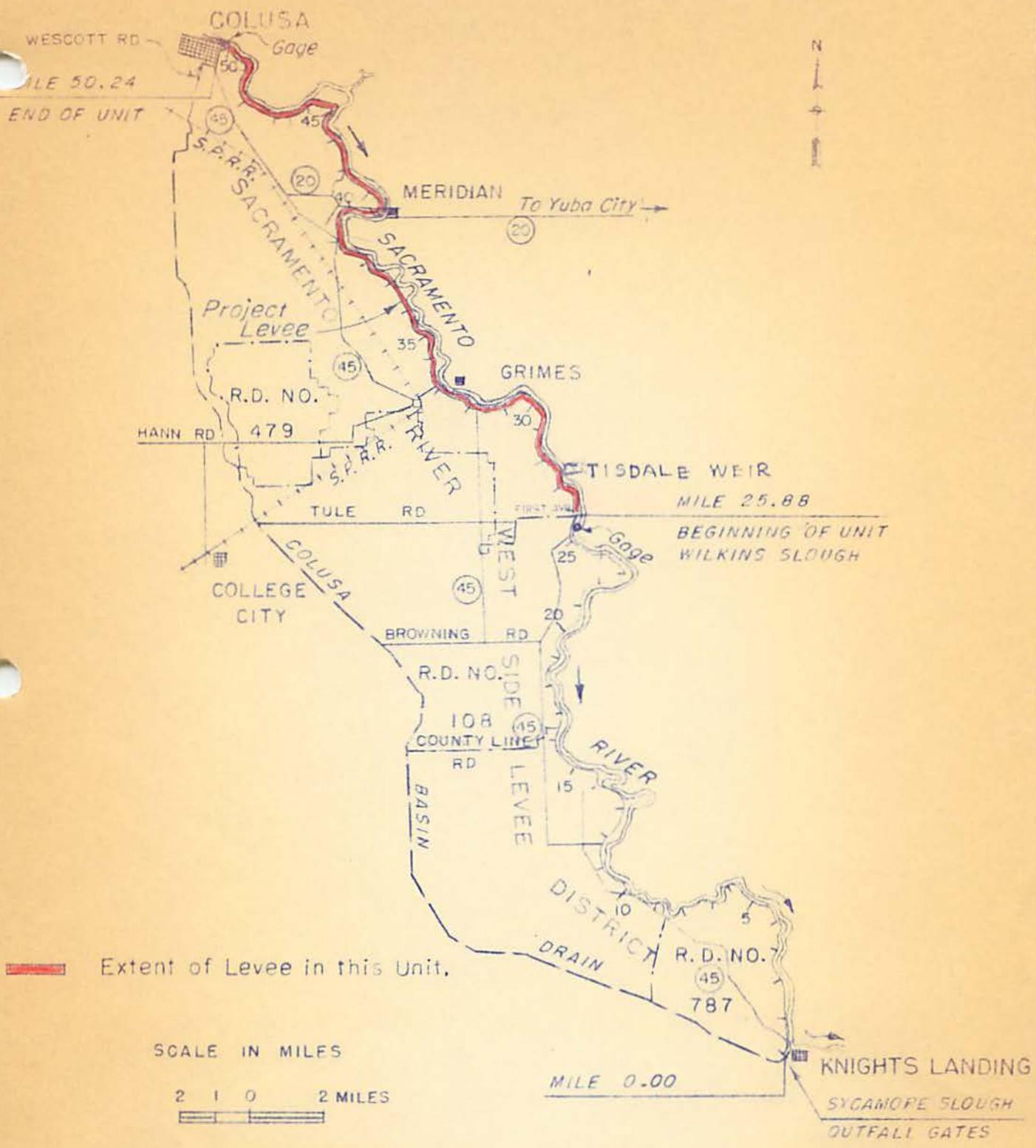
REPAIR OF DAMAGE TO PROJECT WORKS AND METHODS OF COMBATING FLOOD CONDITIONS

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 capacity of local interests to repair, the Superintendent will contact a representative of the Department 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 Standard Manual and Maintenance Manual, revised May 1955, where the subject is fully covered.

EXHIBIT A
FLOOD CONTROL REGULATIONS
(See Standard Manual)

EXHIBIT A
Unattached



LOCATION MAP
UNIT NO. 131
WEST LEVEL OF SACRAMENTO RIVER
WILKINS SLOUGH TO COLUSA
RIVER MILE 117.8 TO 143.5

EXHIBIT B

“AS CONSTRUCTED”
DRAWINGS

See separate folder for the following drawings:

File No.

6-4-1250-1	Bank Protection at Mile 131.6 R	1 Sheet
6-13-1252-2	Setback and Bank Protection at Mile 119.6 R	1 Sheet
6-4-1253-1	Bank Protection at Mile 127.4 R	1 Sheet
6-4-1255-1	Bank Protection at Mile 141.2 R	1 Sheet
6-4-1260-1	Bank Protection at Mile 120.3 R	1 Sheet
6-4-1308	Bank Protection, Mile 130.6 R	1 Sheet
6-4-1405	Bank Protection at Mile 127.4 R	1 Sheet
6-4-1729	Bank Protection at Mile 127.3 R	1 Sheet
6-4-1732	Bank Protection at Mile 141.0 R	1 Sheet
50-4-1840	Bank Protection at Mile 130.6 R	1 Sheet
50-4-1844	Bank Protection, Mile 123.0 to 123.8 R	1 Sheet
50-4-2208	Setback, Mile 126.3 to 126.5 R	1 Sheet
50-4-2211	Bank Protection, Mile 131.3 to 131.8 R	1 Sheet
50-4-2545	Setback and Bank Protection at 10 Sites	Sheets 1 to 8, incl.
50-4-2598	Setback, Mile 137.6 to 140.8 R	Sheets 1 to 3, incl.
50-4-3211	Patrol Road, Knights Landing to Colusa	Sheets 7 to 12, incl.
50-4-3243	Bank Protection – Colusa to Knights Landing	Sheets 1 to 6, incl.
50-4-3470	Emergency Repairs at Mile 125.3 R	1 Sheet
50-4-3613	Bank Protection, right bank Sacramento River	8 Sheets

- 50-4-3656 Bank Protection, right bank Sacramento River at river mile 131.75 to 132.5, in 12 sheets.
- 50-4-3754 Bank Protection, Right and Left Banks Sacramento River at Various Locations between Colusa and Boyers Bend, in 22 sheets. (Unit No. 4).
- 50-4-4004 Bank Protection, Various Locations, Right and Left Banks Sacramento River and Bear River and Right Bank Feather River, in 33 sheets (Unit No. 8).
- 50-4-4179 Bank Protection, various locations, Right and Left Banks, Sacramento River and Elder Creek, in 20 sheets (Unit No. 13).
- 50-4-4339 Bank Protection, various locations, Right and Left banks, Sacramento River between Colusa and Boyers Bend, in 32 sheets.
- 50-4-4586 Bank Protection, various locations, Right and Left Banks, Sacramento River Mile 144.0 to Mile 110.0, in 18 sheets.
- 50-4-4777 Bank Protection, Various Locations, Right and Left Banks, Sacramento River Mile 84.0 to Mile 148.0, in 38 sheets.
- 50-4-4979 Bank Protection, Right Bank, Sacramento River Mile 124.5, PL 84-99, in one sheet.
- 50-4-5001 Bank Protection, Right Bank Sacramento River Mile 143.4 to Mile 154.8 (PL 84-99), in 1 sheet.
- 50-4-5011 Bank Protection, Various Locations, Right and Left banks, Sacramento River Mile 111.0 to Mile 143.0, in 38 sheets.
- 50-4-5438 Bank Protection, Various Locations, Right and Left Banks, Sacramento River Mile 110.0 to Mile 184.0, in 33 sheets.
- 50-04-6056 Stability and seepage berm construction, right (north) bank of Sacramento River Mile 119.1 to Mile 119.7, in 21 sheets.

EXHIBIT C

PLATES OF SUGGESTED FLOOD FIGHTING METHODS

(See Standard Manual.)

**EXHIBIT C
Unattached**

EXHIBIT D
CHECK LIST NO. 1
LEVEE INSPECTION REPORT
(See Standard Manual)

EXHIBIT D
Unattached

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. 131

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

Item	Remarks
(a) Location by Station	
(b) Settlement, sloughing, or loss of grade	
(c) Erosion of both slopes	
(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 slope. Note areas where erosion or gullyng of the section has occurred.
- Item (c) If sufficient erosion or gullyng of back face of 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. 131

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 4, Exhibit E
(To be printed on back of Sheet 4)

- Item (a) Indicate station of observation obtained by pacing from nearest reference point.
- Item (b) Note nature, extent, and size of vegetal growth within the limits of flood flow channel.
- Item (c) Note nature and extent of debris and refuse that might cause clogging of the conduits of the irrigation intake works, fouling of the tainter gates, or the bridges over the channel.
- Item (d) Report any construction along the diversion channel or above the diversion channel or above the diversion works that has come to the attention of the inspector and that might affect the functioning of the project.
- Item (e) Indicate any change in grade or alignment of the channels, either by deposition or sediment or scour, that is noticeable by visual inspection. Estimate amount and extent.
- Item (f) Indicate any change that has taken place in the riprap such as disintegration of the rock, erosion, or movement of the rock. Note the presence of vegetal growth through the riprap.
- Item (g) Note any damage or settlement of the footings of the bridges. Indicate condition of wooden structures and if repainting is required. Indicate condition of bridge approaches, headwalls, and other appurtenances.
- Item (h) Indicate maintenance measures that have been performed since the last inspection and their condition at time of this inspection.
- Item (i) Record opinion, if any, of contributory causes for conditions observed, 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. 4

DRAINAGE AND IRRIGATION STRUCTURES
UNIT NO. 131

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Location by levee Mileage	Bank	Debris or other obstruction to flow	Damage or settlement of pipe or conduit	Condition of concrete headwall or invert paving	Condition of right-of-way Adjacent to structure	Repair Measures Taken Since Last Inspection	Comments
26.92	Rt.						
27.79	"						
27.79	"						
27.89	"						
28.41	"						
29.02	"						
29.02	"						
29.02	"						
30.47	"						
30.47	"						
31.78	"						
32.02	"						
32.28	"						
32.68	"						
32.87	"						
33.09	"						
33.18	"						
34.40	"						

CHECK LIST NO. 4

DRAINAGE AND IRRIGATION STRUCTURES
UNIT NO. 131

Inspector _____

Superintendent _____

Inspector's Report Sheet No. _____

Date _____

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Location by levee Mileage	Bank	Debris or other obstruction to flow	Damage or settlement of pipe or conduit	Condition of concrete headwall or invert paving	Condition of right-of-way adjacent to structure	Repair Measures Taken Since last Inspection	Comments
34.47	ft.						
35.18	"						
35.68	"						
36.04	"						
36.61	"						
36.71	"						
37.67	"						
37.95	"						
38.89	"						
39.20	"						
39.68	"						
39.68	"						
39.82	"						
40.33	"						
40.43	"						

CHECK LIST NO. 4

DRAINAGE AND IRRIGATION STRUCTURES
UNIT NO. 131

Inspector _____

Superintendent _____

Inspector's Report Sheet No. _____

Date _____

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Location by levee Mileage	Bank	Debris or other obstruction to flow	Damage or Settlement of pipe or conduit	Condition of concrete headwall or invert paving	Condition of right-of-way adjacent to structure	Repair Measures Taken since last Inspection	Comments
41.39	Rt.						
41.56	"						
42.37	"						
42.98	"						
44.05	"						
46.06	"						
46.73	"						
46.86	"						
47.71	"						
48.23	"						
48.64	"						
48.91	"						
49.14	"						
49.22	"						
49.33	"						
49.95	"						
49.95	"						

Instructions for Completing Sheets 6 thru 8, Exhibit E
(To be printed on back of Sheets 6 thru 8)

- (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", spaces, abrasive wear, or other deterioration. Record conditions under Column (e).
- (5) Inspect backfill area adjacent to structure for evidence of erosion caused by over flow 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 semi-annual report.

EXHIBIT F

LETTER OF TRANSFER TO OR ACCEPTANCE

BY THE STATE RECLAMATION BOARD



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
1325 J STREET
SACRAMENTO CA 95814-2922

NOV 29 2016

Ms. Leslie M. Gallagher
Executive Officer
Central Valley Flood Protection Board
3310 El Camino Avenue, Room 151
Sacramento, CA 95821

Dear Ms. Gallagher:

The purpose of this letter is to notify the Central Valley Flood Protection Board of the completion of an effort to update the Operation and Maintenance Manual Supplements for the Sacramento River Flood Control Project and the Lower San Joaquin River Levees and Lower San Joaquin River and Tributaries Project. These updates are a compilation of revisions made to the project over time and where we had record of a transfer letter to the Board. These updated supplements are the most current version and should be utilized as the baseline version for any future project modifications.

This process and the compiled updates have been coordinated with the Central Valley Flood Protection Board and Department of Water Resources staffs for review and comment. All comments have been addressed or incorporated into the manuals.

The Board staff has been provided a copy of the manuals in electronic format. Future updates will include entire unit supplements so updates can be seen in context with the entire unit supplement. The list of completed supplements, by the unit number and title, are attached. If you have any questions regarding this transmittal, please contact Gary Kamei at 916-557-6845.

Sincerely,

A handwritten signature in black ink, appearing to read "D. G. Ray", written over a horizontal line.

David G. Ray, P.E.
Colonel, U.S. Army
District Commander

Enclosures

Standard O&M Manual Sacramento River Flood Control Project	
Unit No.	Project Name
101	RD 341 Sherman Island
102	E. Levee of Sac River, Isleton to Threemile Slough & N. Levee of Threemile Slough from Sac River to SJ River
103	Both Levees of Georgiana Slough & E. Levee of Sac River from Walnut Grove to Isleton
104	Levees around Grand Island
105	Levees Around Reyer Island
106	S. Levee Lindsey Slough & W. Levee of Yolo BP from Lindsey Slough to Watson Hollow and N. Levee of Watson Hollow Drain
107	Levees Around Hastings Tract
108	Levees Around Peters Tract
109	West Levee of Yolo Bypass & E. Levee of Cache Slough
110	Levees Around Sutter Island
111	E. Levee of Sac River from Freeport to Walnut Grove
112	Levees Around Merritt Island
113	E. Levee Yolo Bypass, N. Levee Miner Slough, W. Levees Sutter Slough, Elkhorn Slough & Sac River, All Bordering RD 999
114	W. Levee of Sac River from Northern Boundary of RD 765 to Southern Boundary of RD 307
115	E. Levee of Sac River from Sutterville Rd to Northern Boundary of RD 744
116	W. Levee of Sac River from Sac Weir to Mi 51.2 & S. Levee of Sac Bypass & E. Levee of Yolo Bypass from Sac Bypass to Southern Boundary of RD 900
117	E. Levee Sac River through City of Sac from Tower Bridge to Sutterville Rd
118.1	E. Levee of Sac River from American River to Tower Bridge & S. Levee of American River from Mayhews Downstream to Sac River
118.2	N. Levee American River, E. Levee Natomas Canal, Both Levees Arcade Creek, S. Levee Linda Creek, & Magpie Creek Diversion Channel
118.2 Sup	Vegetation on Mitigation Sites E. Levee of Sac River from American River to Tower Bridge & S. Levee of American River from Mayhews Downstream to Sac River
119	Putah Creek Channel & Levees & W. Levee of Yolo Bypass from Yolo Causeway Downstream 3 mi. Includes O&M manual for the Yolo Basin wetlands, and South Fork Putah Creek Preserve Restoration Section 1135 Authorization.
120	Relocated Willow Slough Channel & Levees & W. Levee Yolo Bypass from mouth of Relocated Willow Slough to Yolo Causeway
121	R. Levee of Yolo Bypass from Willow Slough Bypass to Woodland Rd RD2035
122.1	W. Levee of Sac River from Mi 70.8 to Sac Weir & N. Levee of Sac Bypass & E. Levee of Yolo Bypass from Woodland Hwy to Sac Bypass
123	W. Levee of Sac River from East End of Fremont Weir to Mi 70.8 & E. Levee of Yolo Bypass from East End Fremont Weir to Woodland Hwy RD 1600

124	N. Levee of American River from Natomas E. Canal to Sac River & E. Levee of Sac River from Natomas Cross Canal to American River. Includes supplement, Vegetation on Mitigation Sites.
125	Back Levee of RD 1000
126	Cache Creek Levees & Settling Basin Yolo Bypass to High Ground
127	Knights Landing Ridge Cut & Sac River & Yolo BP Levees of RD's 730 and 819 & S. Levee of Sycamore Slough
128	E. Levee of Sac River from Sutter Bypass to Tisdale Weir all within RD 1500
129	S. Levee of Tisdale By-Pass from E. Levee Sac River to W. Levee Sutter BP & W. Levee of Sutter BP Downstream to E. Levee of Sac River
130	W. Levee Sac River from Sycamore Slough to Wilkins Slough (Mi. 89.9 to Mi. 117.8)
131	W. Levee Sac River from Wilkins Slough to Colusa (Mi. 117.8 to Mi. 143.5)
132	Back Levees of RD 108
133	E. Levee of Sac River from Winship School to Tisdale BP & N. Levee of Tisdale BP & W. Levee of Sutter BP from Long Bridge to Tisdale BP
134	Levees of RD 70, E. Levee of Sac River from Butte Slough Outfall Gates to Winship School & W. Levee of Sutter BP from Butte Slough Outfall Gates to Long Bridge
135	E. Levee of Sutter BP from Sutter Buttes Southerly to Junction with Feather River & E. & W. Levees of Wadsworth Canal & Levee of Intercepting Canals
136	E. Levee of Sac River from Butte Slough Outfall Gates to the Princeton-Afton Rd (Mi. 138.3 to Mi. 164.4)
137	W. Levee of Sac River from North End of Princeton Warehouse to Colusa Bridge
138	E. Levee of Sac River from Parrott-Grant Line to Princeton-Afton Rd
139	W. Levee of Sac River from N. Boundary of LD 2 to North End of Princeton Warehouse
140	W. Levee of Sac River in LD 1 (Mi. 170.5 to Mi. 184.7). Includes mitigation site O&M manual, Yuba County
141.1	E. Levee of Feather River from Bear River to Natomas CC & S. Levee of Bear River & Both Levees of Yankee Slough. Parts 1 and 2
141.2	E. Levee of Feather River from Bear River to Natomas CC & S. Levee of Bear River & Both Levees of Yankee Slough. Parts 1 and 2
142	Back Levee of RD 1001
143	W. Levee of Feather River from North Boundary of RD 823 to E. Levee of Sutter Bypass
144	W. Levee of Feather River from North Boundary of LD 1 to North Boundary of RD 823
145	E. Levee of Feather River, S. Levee of Yuba River, Both Levees of WPRR Intercepting Channel, W. Levee of South Dry Creek & N. Levee of Bear River
146	N. Levee of Bear River & S. Levee of South Dry Creek RD 817 & Vicinity of Wheatland
147	Levee Around the City of Marysville & N. Levee of Yuba River to a Point 1.8 Mi. Upstream from Marysville

148	W. Levee of Feather River from North Boundary of RD 777 to North Boundary of LD 1
149	S. Levee of Yuba River Maintenance Area No. 8
151	E. Levee Feather River from Honcut Creek to Marysville & S. Levee of Honcut Creek & E. Levee of RD 10
152	W. Levee of Feather River from N. Boundary of RD 777 to Western Canal Intake (Levee of Drainage District No. 1)
153	Lower Butte Creek Channel Improvement, Colusa, Glenn & Butte Counties
154	Moulton Weir & Training Levee Sacramento River
155	Colusa Weir & Training Levee Sacramento River
156	Tisdale Weir & Bypass
157	Fremont Weir, Sacramento River
158	Sacramento Weir, Sacramento River
159	Pumping Plants No. 1, 2 & 3, Sutter Bypass
160	Sutter Butte Canal Headgate
161	Butte Slough Outfall Gates
162	Knights Landing Outfall Gates, Sacramento River

Standard O&M Manual San Joaquin River

Unit No.	Project Name
1	Right Bank Levee of the San Joaquin River & French Camp Slough within RD 404
2	Right Bank Levee of the San Joaquin River & French Camp Slough within RD 17
3	North Levee of Stanislaus River & East Levee of the San Joaquin River within RD 2064, 2075, 2094 and 2096
4	East Levee of San Joaquin River within RD 2031
5	East Levee of the San Joaquin River Within RD No. 2092
6	East Levee of the San Joaquin River in RD Nos. 2063 & 2091
7	West Levee of San Joaquin River & North Levee of Old River RD Nos. 524 & 544
8	Right Banks of Old River & Salmon Slough Within RD No. 1 & RD No. 2089
9	Levees Around RD No. 2062 & San Joaquin County Flood Control District Area No.2
10	West Levee of Paradise Cut RD No. 2058 & SJ County Flood Control District, Area No.2
11	West Levee of San Joaquin River from Durham Bridge to Paradise Dam Within RD No. 2085 & 2095
12	West Levee of San Joaquin River From Opposite Mouth of Tuolumne River Downstream to Stanislaus County Line Within RD Nos. 2099, 2100, 2101, & 2102
13	West Levee of the San Joaquin River in RD No. 1602

File: Transfer file -
Sacramento River Flood
Control Project

Eric

THE RECLAMATION BOARD

3310 El Camino Avenue, LL40
SACRAMENTO, CA 95821
(916) 574-0609 FAX: (916) 5790682
Permits: (916) 574-0653 FAX: (916) 5740681

RECEIVED

MAR 01 2005

FEB 25 2005

me 3/7/05

Colonel Ronald N. Light
District Engineer
Sacramento District
U.S. Army Corps of Engineers
1325 J Street
Sacramento, California 95814-2922

Dear Colonel Light:

In your letter of November 12, 2003 to The Reclamation Board (Board), the U.S. Army Corps of Engineers (Corps) transferred the completed work for Site D of the Sacramento River Flood Control Project, California, Upper Sacramento Area, Phase V, from Levee Mile (LM) 26.9 to LM 27.4 (in the Sacramento River West Side Levee District (SRWSLD)) to the State of California for operation and maintenance. The letter further stated that "On a future date, under separate cover, an Addendum to the current Operation and Maintenance Manual for the Sacramento River Flood Control Project will be submitted upon completion of all project construction."

The Board received a letter from the Corps on July 27, 2004 in regard to the completed work at Site D that requested a review of the document entitled Addendum to Standard Operation and Maintenance Manual, Sacramento River Flood Control Project, Unit 131, West Levee of Sacramento River from Wilkins Slough to Colusa (River Mile (RM) 117.8 to RM 143.5). This document has been reviewed by Board staff and there are no comments. As the local maintaining agency for the completed work at Site D, SRWSLD was also given the opportunity to review this document. SRWSLD had no comments on the suggested revisions and additions (see attached letter).

The Board, on behalf of the State of California, accepted the completed work at Site D at its February 18, 2005 meeting and transferred the Sacramento River levee work to SRWSLD.

If you have any questions, you may contact me at (916) 574-0609, or your staff may contact Gary Lemon, Project Manager for the Department of Water Resources' Division of Flood Management, at (916) 574-0358.

Sincerely,

Peter D. Rabbon
General Manager

Attachment

Exhibit F



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO, CALIFORNIA 95814-2922

JUL 26 2004

Programs & Project Management
Division

Mr. Peter D. Rabbon, General Manager
The Reclamation Board
State of California
3310 El Camino Avenue, Room LL40
Sacramento, CA 95821

Dear Mr. Rabbon:

The U.S. Army Corps of Engineers (Corps) recently completed a portion of work for Phase V (Upper Sacramento Area) of the Sacramento River Flood Control Project. This contract includes requirements associated with the rehabilitation of "Site D" along the right bank of the Sacramento River within the Sacramento River West Side Levee District.

In order to ensure the transferred work meets specific requirements of the project objectives as well as the requirements of the non-Federal sponsor, the Corps requests a review of the enclosed document titled, "Addendum To Standard Operation and Maintenance Manual, Sacramento River Flood Control Project, Unit 131, West Levee of Sacramento River from Wilkins Slough to Colusa (Mile 117.8 to Mile 143.5)". All written comments are requested within 45-days of the date of this letter.

Please feel free to contact the Project Manager, Mr. Eric Nagy, at (916) 557-5114 with any questions or concerns you may have with regard to this issue.

Sincerely,

Mark C. Charlton
Deputy for Project Management

Enclosures

Cf: Mr. Luther Hintz, Sacramento River West Side Levee District, 975 Wilson Bend Road,
P.O. Box 50, Grimes, CA 95950
Mr. Gary Lemon, State of California, Department of Water Resources, 3310 El Camino Avenue,
Room 110, Sacramento, CA 95821

Unit 131

NOV 12 2003

Navigation and Flood Control Unit

Mr. Peter D. Rabbon, General Manager
The Reclamation Board
State of California
3310 El Camino Avenue, Room LL40
Sacramento, California 95821

Dear Mr. Rabbon:

This letter is to transfer a portion of work along the Sacramento River to the Reclamation Board for Operation, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R). The completed work is located within the Sacramento River West Side Levee District of the Sacramento Basin from L.M. 26.9 to L.M. 27.4. The completed work includes one site repaired based on a history of seepage and boils as documented in the Design Memorandum titled, "Sacramento River Flood Control Project, California, Upper Sacramento Area, Phase V" dated August 1997. A description of the repairs and the location of the site are included in the document titled, "Project Information Form, "Sacramento River Flood Control Project, Upper Sacramento Area (Phase V), Colusa County, California - Site D" (encl 1, 2 copies).

The work was performed under the general authority of the Flood Control Act of March 1917 and the special authority granted under the Conference Report accompanying the Energy and Water Development Appropriation Act of 1987, Public Law 99-591. On a future date, under separate cover, an Addendum to the current Operation and Maintenance Manual for the Sacramento River Flood Control Project will be submitted, upon completion of all project construction. Said flood control work, together with the waterway banks contiguous thereto, are transferred as of the date of this letter to the State of California for operation and maintenance.

The repairs were completed in accordance with Specification Number 9982, Design File Number 50-04-6056, and Contract Number DACW05-02-C-0020. A final inspection was conducted on 9 December 2002 and all noted deficiencies have been resolved. The as-built drawings for the site are included in the document titled, "Sacramento River Flood Control Project, Upper Sacramento Area, Phase V" (encl 2, 2 copies).

If you have any questions regarding this project, please contact Mr. Eric Nagy of the Programs and Project Management Division at (916) 557-5114. If you have any questions regarding this transfer, please contact Mr. Mohsen Tavana at (916) 557-5282 or Mr. Bob Murakami at (916) 557-6738.

Sincerely,

Mark W. Connelly
Lieutenant Colonel, Corps of Engineers
Acting District Engineer

Enclosures

Exhibit F

**DEPARTMENT OF WATER RESOURCES
THE RECLAMATION BOARD**

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



DEC 21 1982

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

Dear Colonel Williams:

Reference is made to your letter of November 30, 1982, concerning the transfer to the State of California for operation and maintenance, a portion of the Sacramento River Bank Protection Project, in Unit No. 35.

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 the following sites:

Sites Miles 115.3, 118.4, 123.9, 130.5, 134.7, 136.7, 137.2, 137.4, and 140.9 Right Bank, Sacramento River.

Sites Miles 120.7, 126.6, 132.6, and 135.4 Left Bank, Sacramento River.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-5438, Specification No. 5472, and Contract No. DACW 05-81-C-0036, insofar as could be determined visually.

The Reclamation Board at its regular meeting of December 17, 1982, formally accepted from the District Engineer, for operation and maintenance, the completed work on the above-referenced sites.

Sincerely,


ELDON E. RINEHART
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Unit 130, 131, 133, 134



SPKCO-0

30 November 1982



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 23 November 1982 made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 35), 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 115.3, 118.4, 123.9, 130.5, 134.7, 136.7, 137.2, 137.4 and 140.9 and left bank at Site Miles 120.7, 126.6, 132.6 and 135.4. The sites were completed on 18 November 1982 in accordance with Contract No. DACW05-81-C-0036, Specification No. 5472 and Drawing No. 50-4-5438.

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 23 November 1982 to the State of California for operation and maintenance. *Date of this letter*

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Nos. 130, 131, 133 and 134, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely,

HENRY LEE
Lieutenant Colonel, CE
Acting District Engineer

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

cc: Flood Control Unit
Eng'r Diy (Levees & Channels-Nolan)
Prog Dev
F&A Br
Valley Res Ofc

24 09-11
ROMPALA/mem
RCK
KELLY
W
A. SMITH
HELI
DENNIS
LEE *A*

*Units 130,
131, 133, 134*

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STATE OF CALIFORNIA
THE RECLAMATION BOARD

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January 13, 1977

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

Dear Colonel O'Shei:

The Reclamation Board at its regular meeting of January 11, 1977, formally accepted from the Corps of Engineers for operation and maintenance the completed flood control work on a portion of Unit No. 29 of the Sacramento River Bank Protection Project. The flood control work was transferred to the State of California by your letter of December 27, 1976.

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 111.5, 112.7, 116.9, 117.3, 117.8, 120.8, 121.7, 122.2, 123.8, 135.0, 135.3, 137.1, 138.8, 139.4, 142.0 and 142.5 Right Bank, Sacramento River.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-5011, Specification No. 4833, and Contract No. DACW 05-76-C0084, insofar as could be determined visually.

Sincerely,

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

EXHIBIT F

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

SPKCO-0

27 December 1976

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

done

Gentlemen:

Reference is made to the joint inspection of 21 December 1976, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit No. 29) to the State of California for operation and maintenance. This flood control work consists of bank sloping and placement of stone protection on the Sacramento River right bank at Site Miles 111.5, 112.7, 116.9, 117.3, 117.8, 120.8, 121.7, 122.2, 123.8, 135.0, 135.3, 137.1, 138.8, 139.4, 142.0 and 142.5. The sites, as listed on the inclosure, were completed on 21 December 1976 in accordance with specification No. 4833, Contract No. DACW05-76-C-0084; Drawing No. 50-4-5011.

The work was performed under the 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 banks contiguous thereto, is transferred as of 21 December 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. 130 and 131 Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

mc
• ROMPALA/pl

Sincerely yours,

for
McBRIDE

DONALD M. O'SHEI
Colonel, CE
District Engineer

A. SMITH

HEATSON

PROBASCO

O'SHEI

Units 130, 131

*Copy to Rancho
3 Jan 77*

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

1 Incl
As stated
Copy furnished:
DWR, ATTN: R. Franson & Robert Potter
Dcc
SPD

SUMMARY OF SACRAMENTO RIVER
BANK PROTECTION PROJECT—PORTION OF UNIT 29
SACRAMENTO RIVER RIGHT BANK

<u>SITE MILE</u>	<u>STONE PROTECTION</u>	<u>L.F.</u>
111.5	58+00 to 67+00	900
112.7	0+00 to 5+90	590
116.9	60+70 to 67+70	700
117.3	36+50 to 42+75	625
117.8	0+50 to 7+75	725
120.8	17+00 to 26+30	930
121.7	61+50 to 64+50	300
122.2	40+80 to 47+50	670
123.8	27+60 to 37+00	940
135.0	155+40 to 160+10	470
135.3	136+00 to 144+00	800
137.1	39+00 to 42+00	300
138.8	50+00 to 56+10	610
139.4	16+50 to 26+20	970
142.0	74+50 to 80+40	590
142.5	52+60 to 56+40	380

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Units 130,131

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THE RECLAMATION BOARD
STATE OF CALIFORNIA

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November 29, 1974

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

Refer to: 4130.20.300

Dear Sir:

Pursuant to the authority invested in me by The Reclamation Board, I hereby accept from the District Engineer the completed emergency flood control work in the Sacramento River West Side Levee District and State Maintenance Area No. 1 in Colusa County. The emergency flood control work was transferred to the State of California by your letter of November 19, 1974.

The emergency 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 143.4 and 154.8 Right Bank, Sacramento River.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-5001, Specification No. 4786, and Contract No. DACW 05-75-C-0025, insofar as could be determined visually.

Sincerely yours,

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

EXHIBIT F

19 November 1974

Handwritten: Rompala
Sub

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

Handwritten: Done

Gentlemen:

Reference is made to the joint inspection of 19 November 1974, to review the completed emergency bank protection work in the Sacramento River West Side Levee District and Maintenance Area No. 1 in Colusa County, authorized by Section 2304(a)(1), Title 10, U.S.C., and Section 5 of the Flood Control Act of 18 August 1941, as amended (Public Law 99, 84th Congress, 1st Session).

This emergency work, as listed on the inclosure was completed on 19 November 1974, in accordance with Specification No. 4726, Contract No. DACW05-75-C-0025 and Drawing No. 50-4-5001. *4768*

The work consisted of levee bank sloping and placement of stone bank protection along the Sacramento River right bank at Site Miles 143.4 and 154.8. Therefore, said work together with the waterway bank contiguous thereto, is transferred as of 19 November 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, Supplement Nos. 131 and 137 Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

Handwritten signature: Rompala
ROMPALA/kh

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

Handwritten signature: Coleman
COLEMAN

Handwritten signature: Henson
HENSON

1 Incl
As stated

Copy furnished:
DWR,ATTN: John Wright & Carl King

Handwritten: Units 131, 137

Handwritten signature: McKinsley
McKINSLEY

OCE
SPD

POTAMOS

cc:
Engr (Lev & Chan) Valley Res Ofc
 (Prog Dev) F & A (Grantham)

Handwritten: R
ROCKWELL

SUMMARY OF EMERGENCY BANK PROTECTION
SACRAMENTO RIVER RIGHT BANK

<u>SITE MILE</u>	<u>STONE PROTECTION</u>	<u>L.F.</u>
143.4		200
154.8	12+00 to 16+50	450
		<u>650</u>

WMS 131,137

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THE RECLAMATION BOARD
STATE OF CALIFORNIA

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November 18, 1974

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

Refer to: 4130.20.306

Dear Sir:

At its regular meeting of November 8, 1974, The Reclamation Board formally accepted from the District Engineer the completed flood control work on a portion of Unit No. 26 of the Sacramento River Bank Protection Project. The flood control work was transferred to the State of California by your letter of October 30, 1974.

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 89.0, 89.8, and 93.7 Left Bank, Sacramento River, and also Sites Miles 84.3, 85.9, 93.1, 95.5, and 119.5 Right Bank, Sacramento River. The construction at Site Mile 93.7 included two recreation facilities which consist of concrete boat ramp, vehicle ramps and parking areas and also pedestrian ramps.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-4777, Specification No. 4251, and Contract No. DACW 05-73-C-0059, insofar as could be determined visually.

Sincerely yours,

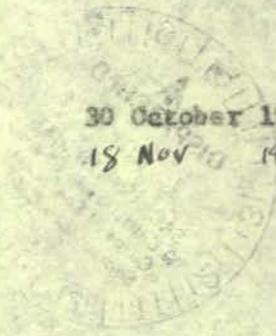
/s/ Roy L. McCuistion
A. E. McCOLLAM
Chief Engineer and
General Manager

EXHIBIT F

20
SRBP

SPKCO-0

30 October 1974
18 Nov 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 22 October 1974, made for the purpose of transferring a portion of the Sacramento River Bank Protection work (Unit No. 26), to the State of California for operation and maintenance. This portion of flood control work consists of levees sloping and the placement of stone bank protection on the Sacramento River right bank at Site Miles 119.5, 95.5, 93.1, 85.9 and 84.3, and left bank at Site Miles 93.7, 89.8 and 89.0. Site Mile 93.7 includes two recreation facilities which consist of boat ramp, vehicle parking areas and pedestrian ramps. The sites, as listed on the inclosure, were completed on 22 October 1974 in accordance with Specification No. 4251, Contract No. DACW05-73-C-0059, Drawing No. 50-4-4777.

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 29 October 1974 to the State of California for operation and maintenance.

This portion of the project work will be added by amendment to Unit Nos. 127, 128, 130 and 131 in Operation and Maintenance Manuals, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

WAIT *ph*/Redac

Sincerely yours,

[Signature]
COLEMAN

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

*Units 127,
128,
130/131*

[Signature]
HINSON

[Signature]
McKENNEY

[Signature]
ROCKWELL

✓ 1 Incl
As stated

Copy furnished:
✓ DUCK, ATTN: John Wright
✓ SPD

cc:
✓ Engr (Lev-Chan)
✓ Engr (Prog Dev)
✓ Valley Res Ofc
✓ F&A (Jones)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

[Handwritten initials]

SUMMARY OF PORTION OF SACRAMENTO
 RIVER BANK PROTECTION PROJECT UNIT # 26
 SACRAMENTO RIVER, RIGHT AND LEFT BANKS

RIGHT BANK

<u>Site Mile</u>	<u>Stone Protection</u>	<u>L.F.</u>
119.5	6+50 to 12+00	550
95.5	16+00 to 35+50	1950
93.1	47+00 to 61+35	1435
85.9	0+00 to 7+55	755
84.3	6+50 to 12+00	550

LEFT BANK

93.7	25+00 to 30+60	560
89.78	0+00 to $\frac{3+78}{0+00}$ 3+45	425 345
	0+00 to 0+50	
89.0	21+00 to $\frac{29+81}{0+00}$	
	0+00 to 5+75	1456
		7684 7601

Units 127,
128, 130, 131

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THE RECLAMATION BOARD
STATE OF CALIFORNIA

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August 2, 1974

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

Refer to: 4130.20.300

Dear Sir:

At its regular meeting of July 26, 1974, The Reclamation Board formally accepted from the District Engineer the completed emergency flood control work in the Sacramento River West Side Levee District, Colusa County. The flood control work was transferred to the State of California by your letter of July 24, 1974.

The emergency 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 Site Mile 124.5 Right Bank, Sacramento River.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-4979, Specification No. 4744, and Contract No. DACW05-74-C-0082, insofar as could be determined visually.

Sincerely yours,

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

Transfer

Mr. Clark file

SPKCO-0

24 July 1974

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

Done

Gentlemen:

Reference is made to the completed emergency bank protection work in the Sacramento River West Side Levee District, Colusa County, authorized by Section 2304 (a) (1), Title 10, U.S.C. and Section 5 of the Flood Control Act of 18 August 1941, as amended (Public Law 99, 84th Congress, 1st Session).

This emergency work was completed on 19 July 1974, in accordance with Specification No. 4744, Contract No. DACW05-74-C-0082, and Drawing No. 50-4-4979. The work consisted of placing approximately 500 lineal feet of stone protection along the right bank levee berm of the Sacramento River at Site Mile 124.5. Therefore, said work together with the waterway banks contiguous thereto, is transferred as of 24 July 1974, to the State of California for operation and maintenance.

This portion of the project will be added by amendment to the Operation & Maintenance Manual, Supplement No. 131 Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

RC
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Sincerely yours,

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

[Signature]
COLEMAN
[Signature]
HENSON

[Signature]
MCINBEY
[Signature]
ROCKWELL

Copy Furnished:
DWR, ATTN: John Wright & Carl King

OCE
SPD

Unit 131

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THE RECLAMATION BOARD
STATE OF CALIFORNIA

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July 9, 1974

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

Refer to: 4130.20.306

Dear Sir:

The Reclamation Board at its regular meeting of June 28, 1974, formally accepted a portion of the completed flood control work on Unit No. 26 of the Sacramento River Bank Protection Project, from the District Engineer for operation and maintenance. The flood control work was transferred to the Reclamation Board by your June 25, 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 112.6, 113.2, 113.8, 114.7, 115.1, 122.1, 137.3, 137.5, 139.5, 142.9 and 143.1 Right Bank, Sacramento River.

The flood control work was constructed in a workmanlike manner and in conformance with Drawings Nos. 50-4-4777, Specification No. 4251, and Contract No. DACW 05-73-C-0059, insofar as could be determined visually.

Sincerely yours,

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

EXHIBIT F

SPKCO-0



The Reclamation Board
State of California
1416 - 9th Street, Room 333
Sacramento, California 95814

June

Gentlemen:

Reference is made to the joint inspection of 19 June 1974, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project Work (Unit No. 26), to the State of California for operation and maintenance. This portion of the flood control work consists of levee and bank sloping, and placement of stone bank protection on the Sacramento River right bank at Site Miles 112.6, 113.2, 113.8, 114.7, 115.1, 122.1, 137.3, 137.5, 139.5, 142.9, and 143.1. The sites, as listed on the enclosure, were completed on 19 June 1974 in accordance with Specification No. 4251, Contract No. DACW05-73-C-0059, Drawing No. 50-4-4777.

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 25 June 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. 130 and 131, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

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

Units 130, 131

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ROMPALA/dc
Redac

W
COLEMAN
mb
HENSON

M
MORTINBEY

POTAMOS

R
WEROCKWELL
y

Valley Res Ofc
F & A (Jones)

Engr (Lev & Chan)
Engr (Prog Dev)

1 Incl
As stated

Copy furnished:
DWR, ATTN: John Wright & Carl King

OCE
SPD

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

SUMMARY OF PORTION OF SACRAMENTO
RIVER BANK PROTECTION PROJECT UNIT #26
SACRAMENTO RIVER RIGHT BANK

<u>Site Mile</u>	<u>Stone Protection</u>	<u>L.F.</u>
112.6	5+00 to 8+50	350
113.2	105+65 to 109+50	385
113.8	69+00 to 82+50	1350
114.7	31+00 to 36+00	500
115.1	0+00 to 11+00	1100
*122.1	46+50 to 53+00	650
137.3	25+00 to 30+30	530
137.5	12+55 to 17+00	445
139.5	13+00 to 17+00	400
142.9	30+00 to 33+40	340
143.1	18+00 to 20+70	270
		<u>6320</u>

*Extended

Units 130, 131

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THE RECLAMATION BOARD
STATE OF CALIFORNIA

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Y

October 1, 1973

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

Refer to: 4130.60.305

Dear Sir:

Reference is made to your letter of September 25, 1973, concerning the transfer of a portion of the Sacramento River Bank Protection Project, Unit No. 22, 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 Site Miles 110.9, 118.6, and 123.9 all on the Left Bank, Sacramento River and 110.8, 123.3, 124.1, 126.5, and 128.0 all on the Right Bank, Sacramento River.

The flood control work has been completed and was constructed in a workmanlike manner. This flood control work has been constructed in conformance with Drawing No. 50-4-4586, Specification No. 3924, and Contract No. DACW05-72-C-0057, insofar as could be determined visually.

The work performed at Site Miles 123.3, 124.1 Right Bank and 123.9 Left Bank differed from your normal standards in that the rock revetment was terminated at Elevation 45.0 rather than at the top of the berm. It is the Reclamation Board's understanding, in accordance with Mr. Weddell's letter of November 29, 1972, that these sites are considered experimental and if found to be unsuccessful within a five (5) year period, the Corps of Engineers will complete the work to an acceptable standard.

The Reclamation Board, at its regular meeting of September 28, 1973, formally accepted for operation and maintenance the completed flood control work on the above referenced sites, based on the above understanding.

Sincerely yours,

/s/ Allan I. Wendroff
A. E. McCOLLAM
for Chief Engineer and General Manager

EXHIBIT F

25 September 1973

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

Gentlemen:

The purpose of this letter is to officially transfer a portion of the Sacramento River Bank Protection Project (Unit No. 22), to the State of California for operation and maintenance. This portion of flood control work consists of levees sloping and the placement of stone bank protection on the Sacramento River left bank at Site Miles 110.9, 118.6 and 123.9 and right bank at Site Miles 110.8, 123.3, 124.1, 126.5 and 128.0. The sites, as listed on the inclosure, were completed on 24 September 1973 in accordance with Specification No. 3924, Contract No. DACW05-72-C-0057, Drawing No. 50-4-4586.

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 25 September 1973 to the State of California for operation and maintenance.

This portion of the project will be added by amendment to the Operation and Maintenance Manual, Supplement Nos. 128, 130, 131, ~~132~~, and 134, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely,

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

1 Incl
As stated

Copy furnished:
ENR, ATTN: John Wright & Carl King
OCE
SPD

Valley Res Ofc
F & A (Jones)

cc: Engrg (Lev & Chan)
Engrg (Prog Dev)

ROMPALA/d
Redac

COLEMAN

HENSON

McKINSEY

POT

WELL

Units
128, 130, 131,
131

Copy for
Ldc - Colome
20 Sept

SUMMARY OF PORTION OF
SACRAMENTO RIVER BANK PROTECTION
UNIT NO. 22 SACRAMENTO RIVER

Left Bank

<u>Site Mile</u>	<u>Stone Protection</u>	<u>L.F.</u>	<u>Stone Toe Wall</u>	<u>L.F.</u>
110.9	117+00 to 120+00	300		
118.6	12+00 to 18+50	650		
123.9	10+00 to 41+50	3150	10+40 to 16+50	610
		<u>4100</u>	17+50 to 24+50	700
			25+50 to 41+30	15+80

Right Bank

<u>Site Mile</u>	<u>Stone Protection</u>	<u>L.F.</u>	<u>Stone Toe Wall</u>	<u>L.F.</u>
110.8	7+10 to 14+00	690	7+46 to 14+00	654
123.3	11+00 to 34+00	2300	11+00 to 34+00	2300
124.1	3+00 to 12+00	900	3+00 to 4+50	150
			5+50 to 10+00	450
126.5	4+00 to 12+00	800		
128.0	11+00 to 15+00	400		
		<u>5090</u>		

Units 128, 130, 131, 134

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THE RECLAMATION BOARD
STATE OF CALIFORNIA

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December 31, 1971

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

Refer to: 4130.60.304

Dear Sir:

Reference is made to Unit No. 17 of the Sacramento River Bank Protection Project, with special reference to the transferring of a portion of the above project to the State of California for operation and maintenance.

The completed work on Unit No. 17 was constructed in accordance with Specification No. 3406, Contract No. DACW05-70-C-0049, Drawing No. 50-4-4339.

The Reclamation Board at its regular meeting of December 17, 1971, formally accepted from the District Engineer the above-referenced project for operation and maintenance. At the same meeting the Reclamation Board transferred the following sites to the maintaining agencies for operation and maintenance.

Sacramento River West Side Levee District

Site Miles 112.3, 121.1, 123.1, 124.7, 125.1, 127.1, 130.7,
132.7, 141.7 and 142.6 Right Bank Sacramento River

Reclamation District No. 70

Site Mile 126.0 Left Bank Sacramento River

District Engineer

-2-

December 31, 1971

Reclamation District No. 1500

Site Miles 116.4 and 117.3 Left Bank Sacramento River

Statutory Maintenance Area (DWR)

Site Mile 138.5 Left Bank Sacramento River

Sincerely yours,

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

30 November 1971

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

Gentlemen:

Reference is made to the joint inspection of 23 November 1971, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project Work (Unit #17), 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 116.4, 126.0 & 138.5 and right bank at Site Miles 112.3, 121.1, 123.1, 124.7, 125.1, 127.1, 130.7, 132.7, 141.7 & 142.6. A list covering the completed work is inclosed. The work was completed on 23 November 1971 in accordance with Specification No. 3406, Contract No. DACWC5-70-C-0049, Drawing No. 50-4-4339.

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 November 1971, 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. 128, 130, 131, 134 & 136, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

JAMES G. DONOVAN
Colonel, CE
District Engineer

1 Incl
as stated

Copy furnished:
DWR, ATTN: John Wright

DAEN-CWO
SPD

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

ROMPALA/p

COLEMAN

HENSON

DONOVAN

Units 128, 130, 131, 134, 136

Copies to Goodnight, Osburn & Huber 20/11/71

SUMMARY OF PORTION OF SACRAMENTO RIVER BANK PROTECTION PROJECT, UNIT 17,
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>
112.3	17+00 to 23+00	600	20+60 to 23+00	240		
121.1	0+00 to 7+00	700				
123.1	0+00 to 11+13	1113	0+00 to 1+22	122		
124.7	35+00 to 50+50	1550	47+75 to 49+00	125		
125.1	20+62 to 27+00	638	21+00 to 27+22	600		
127.1	2+00 to 5+50	350				
130.7	9+00 to 12+52	352	10+85 to 12+52	167		
132.7	0+00 to 23+00	2300	3+68 to 5+75	207	0+00 to 23+00	2300
141.7	85+00 to 95+35	1035	93+30 to 95+35	205		
142.6	40+70 to 52+82	1212	42+35 to 50+75	840		

9850

LEFT BANK:

116.4	65+15 to 74+94	979				
126.0	0+00 to 5+80	580	1+27 to 3+48	221	3+00 to 5+80	280
138.5	107+72 to 118+00	1028			107+00 to 117+00	1000

2587

Total 12,437

Units 12, 8, 130, 131,
134, 136

6 August 1969

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

Gentlemen:

Reference is made to the joint inspection of 4 August 1969, made for the purpose of transferring a portion of the Sacramento River Bank Protection Work (Unit #13), to the State of California for operation and maintenance.

The flood control work, consisting of bank sloping and placement of stone bank protection on the Elder Creek right and left banks and the Sacramento River right bank, is as follows:

<u>LEVEE UNIT</u>	<u>ELDER CREEK - LEFT BANK</u>	
<u>SITE MILE</u>	<u>STATION</u>	<u>L.F.</u>
0.75	35+70 to 40+00	430
0.83	43+75 to 48+50	475
1.56	80+70 to 83+00	230
	<u>ELDER CREEK - RIGHT BANK</u>	
1.01	36+13 to 50+00	1,387
<u>RIVER MILE</u>	<u>SACRAMENTO RIVER - RIGHT BANK</u>	
143.5	0+95 to 6+90	595
	7+27 to 7+70	43

The work was completed on 4 August 1969, in accordance with Specification No. 3369, Contract No. DACW05-68-C-0067, Drawing No. 50-4-4179. 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.

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Units 13/137
 & Vol 12

SFKCO-0
The Reclamation Board

6 August 1969

Therefore, said work, together with the waterway banks contiguous thereto, is 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 Manuals for the Sacramento River Flood Control Project, Supplement Nos. 131 & 137; and Elder Creek, Sacramento River and Major & Minor Tributaries Project. Copies will be furnished your office at a later date.

Sincerely yours,

GEORGE B. SKINNER
Lieutenant Colonel, CE
Acting District Engineer

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

✓ cc:
Engr-Lev&Chan
Engr-Prog Dev
Valley
F&A (Cordano)
Supply Divn

mk
ROMPALA/pp

PC
COLEMAN

js mcb
HENSON

WAT
HART

hw
SKINNER
6 Aug

*Units 131, 137
& Vol 12*

C
O
P
Y

THE RECLAMATION BOARD
STATE OF CALIFORNIA

C
O
P
Y

Oct 23 1968

4130.60.303

District Engineer
Corps of Engineers
US Army
650 Capitol Mall
Sacramento, California 95814

Dear Sir:

Reference is made to your letter of October 10, 1968 concerning transfer to the State of California of a portion of the Sacramento River Bank Protection Project, Unit No. 13, for operation and maintenance. This portion consisted of Sites Mile 147.95, 139.71 and 139.08, all on the right bank of the Sacramento River.

This work was constructed in accordance with Specification No. 3369, Contract No. DACW05-68-C-0067, Drawing No. 50-4-4179.

The Reclamation Board, at its meeting of October 18, 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

SPKCO-O



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

Gentlemen:

Reference is made to the joint inspection of 9 October 1968, made for the purpose of transferring a portion of the Sacramento River Bank Protection work (Unit #13), to the State of California for operation and maintenance.

The flood control work consisting of levee enlargement, bank sloping and placement of stone bank protection on the Sacramento River at Site Miles 139.08, 139.71 and 147.95, right bank, is listed on the attached inclosure. The work was completed on 10 October 1968, in accordance with Specification No. 3369, Contract No. DACW05-68-C-0067, Drawing No. 50-4-4179.

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 as described on the attached inclosure 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. 131 & 137, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

CRAWFORD YOUNG
Colonel, CE
District Engineer

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

ROMPALA

M. For
COLEMAN
HENSON
[Signature]

YOUNG
[Signature]

Units 131, 137

✓ 1 Incl
as stated

Copy furnished:
EMR

✓ OCE
✓ SPD

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

Copy to [unclear] 10/15/68

[Handwritten initials and marks]

SPKCO-0

10 October 1968

SUMMARY OF SACRAMENTO RIVER BANK PROTECTION PROJECT
PORTION OF UNIT #13 - SACRAMENTO RIVER RIGHT BANK

<u>LEVEE UNIT SITE MILE</u>	<u>STONE PROTECTION</u>	<u>LINEAL FEET</u>
139.08	62+20 to 80+00	1,780
139.71	33+15 to 44+00	1,085
147.95	6+00 to 10+50	450

3,315

Units 131, 137

THE RECLAMATION BOARD

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



STANLEY W. KRONICK, *President*
J. J. MADIGAN, *Vice President*
WALLACE McCORMACK, *Secretary*
GEORGE W. NICKEL, JR.
HAROLD J. O'BANION
H. TERRILL SARTAIN
DONALD L. WEILER
COL. A. E. McCOLLAM, *General Manager*

FEB 20 1967

Refer to: 4130.60.301

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

Dear Sir:

Reference is made to your letter of October 26, 1965 concerning transfer to the State of California of the Sacramento River Bank Protection Project, Unit No. 4, Sites Mile 142.65, 118.70, 112.30 (3 sites), right bank and 142.95, 130.22, 128.80, 126.80, 125.15, 117.95, 113.30, left bank, in accordance with Specification No. 3024.

The Reclamation Board, at its meeting of February 16, 1967, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

A. E. McCollam

A. E. McCOLLAM
General Manager

JHMacC:pa

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

*Units 128, 130, 131, 133,
134, 136*

*COPIES TO ENQ & VACIFY.
7 MAR 67 JK.*

THE RECLAMATION BOARD

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



STANLEY W. KRONICK, *President*
J. J. MADIGAN, *Vice President*
WALLACE McCORMACK, *Secretary*
GEORGE W. NICKEL, JR.
HAROLD J. O'BANION
H. TERRILL SARTAIN
DONALD L. WEILER
COL. A. E. McCOLLAM, *General Manager*

NOV 22 1966

Refer to: 4130.60.302
Contract No. 66-50

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

Dear Sir:

Reference is made to your letter of November 8, 1966 concerning transfer to the State of California of the Sacramento River Bank Protection Project, Unit No. 8, Sites Mile 111.0, 113.5, 113.9, 115.7, 116.5, 117.5, 128.2 and 135.2, right bank, in accordance with Specification No. 3154.

The Reclamation Board, at its meeting of November 17, 1966, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

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

A. E. McCOLLAM
General Manager

JHMacC:pa

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Units 130, 131

C
O
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SPKGD-F

8 November 1966

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

Gentlemen:

Reference is made to the joint inspection of 4 November 1966, made for the purpose of transferring a portion of the Sacramento River Bank Protection work to the State of California for operation and maintenance.

The flood control work consisted of levee enlargement, bank sloping, levee setback and placement of stone bank protection on the right bank of the Sacramento River at Site Miles 111.0, 113.5, 113.9, 115.7, 116.5, 117.5, 128.2 and 135.2, as listed on the attached inclosure. The work was completed on 4 November 1966, 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.

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 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 Nos. 150 & 131, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

/s/ Crawford Young
CRAWFORD YOUNG
Colonel, CE
District Engineer

EXHIBIT F

C
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Y

SPKKO-F

26 October 1965

C
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Y

The Reclamation Board
State of California
1416 Ninth Street, Room 1335
Sacramento, California

Gentlemen:

Reference is made to the joint inspection made on 22 & 23 September 1965, 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. 4, consisting of levee enlargement, levee setback, shaping and placement of bank protection at 11 locations from Colusa to Boyers Bend right and left banks as listed on the attached inclosure, was completed on 20 October 1965, in accordance with Specification No. 3024, Contract No. DA-04-167-CIVENG-65-15 and Drawing No. 50-4-3754.

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 Operation and Maintenance Manual, Supplement No. 128, 130, 131, 133, 134 and 136, Sacramento River Flood Control Project, and furnished your office at a later date.

Sincerely yours,

ROBERT E. MATHE
Colonel, CE
District Engineer

EXHIBIT F

THE RECLAMATION BOARD

1215 O STREET • SACRAMENTO 95814



STANLEY W. KRONICK, *President*
J. J. MADIGAN, *Vice Pres.*
WALLACE McCORMACK, *Secy.*
GEORGE W. NICKEL, JR.
CHARLES J. MATHEWS
HAROLD J. O'BANION
MAX S. VANN, SR.
COL. A. E. McCOLLAM, *General Manager*

January 7, 1964

Refer to: 7001.70.001
4130.70.001

*Cont. 62-60
Dwg. 50-4-3656*

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

Dear Sir:

Reference is made to your letter of November 21, 1962, concerning transfer to the State of California of bank protection work on the Sacramento River, Right Bank at Mile 109.90 to 110.40 and Mile 131.75 to 132.50, between Grimes and Colusa, in accordance with Specification No. ~~2378~~.

2738

The Reclamation Board, at its meeting of January 3, 1964, formally accepted the above referred to bank protection work for operation and maintenance.

Sincerely yours,

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

A. E. McCOLLAM
General Manager

JHMacC:gg

Unit 130, 131

21 NOV 1962

SPKRO-C

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

Gentlemen:

Reference is made to the joint inspection made on 14 November 1962 of flood control work of certain levee units of the Sacramento River Flood Control Project for the purpose of transferring them to the State of California for operation and maintenance.

The flood control work consisting of levee construction and bank revetment at two locations listed below was completed on 15 November 1962 in accordance with Specification No. 273B, Contract No. IA-04-167-CIVENG-62-60 and Drawing No. 50-4-3656.

<u>LEVEE SECT. NO.</u>	<u>SITE</u>	<u>RIVER MILE POINTS</u>
668	Right Bank, Sacramento River	109.90 to 110.40 130
669	Right Bank, Sacramento River	131.75 to 152.50 131

The flood control work described above now meets the requirements of the Sacramento River Flood Control Project. Therefore said flood control work, together with the waterway banks contiguous thereto are 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 the above items.

The levee sections described above combined with other sections previously transferred to your jurisdiction now form a continuous completed levee reach on the right bank of the Sacramento River extending from the vicinity of Knights Landing Bridge at River Mile 89.60 to Colusa Bridge at River Mile 143.50.

Unit 130, 131
P

REGISTERED

RETURN RECEIPT REQUESTED

668-669

OPERATIONS BRANCH
CHANNELS & LEVEES SECTION

SPKCO-C
The Reclamation Board

21 NOV 1962

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

Sincerely yours,

H. H. TURNER
Colonel, CE
District Engineer

C. R. TEAGLE
Major, CE
Deputy District Engineer

Copy furnished:
Dept Water Resources
23rd & "K" Streets
Sacramento, California
O.C.E.
S.P.D.

cc: Eng Div, Lev & Channels Sec
Eng Div, Prog Dev Br
F & A Br
Northern Area Office

LYK
11/20/62
KRISTOF/pnp

THOMPSON

JOHNSON

TURNER

Unit 130, 131

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

EDMUND G. BROWN
GOVERNOR

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

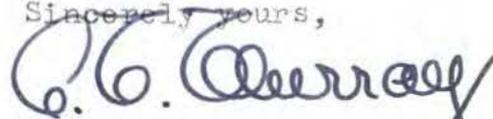
Dear Sir:

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 <i>173</i>
F	Left Bank, Sacramento River	85.79 to 85.92 <i>106</i>
A-1	Right Bank, Sacramento River	120.30 to 120.74 <i>(3)</i>
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

HSB:ED

Supplement #2
See also the letter to Northern District
10/10/60

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. 2609, 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
				<u>.88 mi</u>

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.

SPKIO-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,

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

H. N. TURNER
Colonel, CE
District Engineer

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.	
Fin. Asst.	
Prop. Serv.	
Const. Opns	<i>[Signature]</i>
Eng'g	
R. E.	
Plan.	
Legal	
Supply	

Units 123, 128, 131

16 NOV 1959

33

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

Gentlemen:

Reference is made to the joint inspection made on 14 October 1959 of certain levee sections pertaining to the Sacramento River Flood Control Project for the purpose of transferring them to the jurisdiction of the State of California. *for 240M*

The required work, consisting of levee construction and bank revetment referred to above is completed in accordance with Specifications No. 2456, Contract No. DA-04-167-CIVENG-59-40 and Drawing No. 50-4-3243. The levee sections referred to above are located on the right bank of the Sacramento River in the general area between Colusa and Knights Landing, California, and are listed as follows:

<u>LEVEE SECT. NO.</u>	<u>SITE</u>	<u>RIVER MILE POINTS</u>
650	River Farms	89.9 to 90.1
651	River Garden Farms	92.4 to 92.5
652	Tyndall Mound Warehouse	101.7 to 102.0
653	Howell's Landing Warehouse	109.0 to 109.1
654	Miller's Landing Warehouse	111.1 to 111.3
655	R. D. 108 Headquarters	117.8 to 117.9
656	Browning Warehouse	123.8 to 123.9
657	Warehouse below Grimes	124.8 to 125.0
658	Grimes Warehouse	125.0 to 125.5
659	Colusa Warehouse	142.7 to 143.5

130 (bracketed next to 652-654)
131 (bracketed next to 655-659)

The levee sections Nos. 650 to 659 inclusive, described above, now meet the requirements of the Sacramento River Flood Control Project. Therefore said levee sections, together with the waterway banks contiguous thereto, are hereby transferred to the State of California for operation and maintenance.

Posted

650 to 659, Incl.

16 NOV 1959

LHK:pnp

SPIKKO-P
The Reclamation Board

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations, inclosed herewith, 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 by the current issue of the Standard Operation and Maintenance Manual for the Sacramento River Flood Control Project. As provided under Paragraph 20810(10) of these regulations, a supplement to the Standard Operations and Maintenance Manual covering these units of work is in process of preparation and will be furnished to you upon completion.

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

Sincerely yours,

H. A. MORRIS
Colonel, CE
District Engineer

1 Incl
F.C. Reg.

Copy furnished:
Dept Water Resources
23rd & "R" Streets
Sacramento, California w/o incl

O. C. E. w/o incl
S? P. D. w/o incl

cc: Engr Divn, Levves & Channels Sect w/o incl
Northern Area Ofc w/o incl

OPERATIONS BRANCH

Concurrences	
Originator	LHK
Date	11/10/59
Dist. Engr.	3/Ham
Asst. D.E. (A)	
Asst. D.E. (O)	
Exec. Asst.	
Compt.	
Budget	
Fin. Acc.	
Monit.	
Progr. Office	
Service	
Const.	
Opns	
Engr'g	
R. E.	
Planl.	
Legal	
Supply	

Deputy Chief
Levves

4445130, 131

650 to 659, Incl

A. M. BARTON
CHIEF ENGINEER AND GENERAL MANAGER
BERNARD S. BROUEN, ATTORNEY GENERAL
LEGAL ADVISER
G. F. MELLUM
ASSISTANT ENGINEER AND APPRAISER
DONALD D. LEMMON
ASSISTANT SECRETARY

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA
1900 O STREET
SACRAMENTO 14, CALIFORNIA

February 7, 1955

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

Gentlemen:

Reference is made to your letters dated ^{824.3 (Gen & F.C.P.)} May, 17, 1954, November 18, 1954, December 15, 1954, January 14, 1955, January 21, 1955, and January 31, 1955, concerning the transfer of levee sections and contiguous banks to the State of California for operation and maintenance, your File No. SPKKO-P 824.3 (Sacramento River F.C.P.).

The Reclamation Board at its meeting on February 2, 1955, deferred action on the above indicated transfers until such time as the report of its consulting engineers has been completed.

Yours very truly,

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

By Donald D. Lemmon
DONALD D. LEMMON
Assistant Secretary

NDL:feb

May 17-1954	_____	237, 378, and 238 (Filed under unit No. 378)
Nov. 18-1954	_____	305 to 315
Dec. 17-1954	_____	379 to 387
Jan. 14-1955	_____	328 to 422, 104, 110, 112
Jan. 21-1955	_____	423 to 433, 128, 130, 131, 136
Jan. 31-1955	_____	434, 152

Caraf

REGISTERED MAIL
Return Receipt
Requested

SPENCER 684,3 (Gen. R.F.C.P.)

8 NOV 1951

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

Gentlemen:

Reference is made to letter from this office dated 7 August 1951, wherein it was proposed to transfer to the jurisdiction of the State of California eleven units of work located along the Sacramento River in accordance with the procedure set forth in the letter from this office dated 12 February 1951. Reference is also made to joint inspection of these units of work which was made on 14 August 1951. The location of these units are listed as follows:

Reference Drawing No. 50-1-2014	Part No.	Bank of Sacramento River	Station	River Milepost
62-A	(R)	102.5 to 103.45	Left 62-A	880+00 to 890+00 102.5
63-A	(L)	105.65 to 106.95	Left 63-A	892+00 to 905+00 106.5
64-A	(R)	111.7 to 112.9	Right 64-A	1062+00 to 1105+00 112
65-A	(R)	114.2 to 114.9	Right 65-A	1179+00 to 1211+00 114.5
66-A	(R)	120.75 to 122.0	Left 66-A	1600+00 to 88+00 120.5
67-A	(R)	120.4 to 123.8	Right 67-A	1650+00 to 1687+00 122
68-A	(R)	124.5 to 124.8	Right 68-A	1712+00 to 1732+55 124.5
69-A	(R)	125.2 to 125.9	Left 69-A	801+00 to 898+00 126.7
70-A	(R)	126.5 to 126.6	Right 70-A	1808+00 to 1812+00 126.5
71-A	(R)	131.8 to 132.2	Left 71-A	821+00 to 818+00 122
72-A	(V)	132.2 to 132.8	Left 72-A	812+00 to 863+00 133.5

} 130
} 131

The units of work referred to above, covered by Specification No. 1416, Contract SA-04-157-eng-272, were completed on 21 September 1951, and now meet the requirements of the Sacramento River Flood Control Project. Therefore, said levee units referred to above, together with the river bank contiguous thereto, are hereby transferred to the State of California for maintenance and operation.

305 to 315 =
Units 62-A to 72-A

(11) (19)

SIWFO-7 624.3(Proc. S.F.C.P.)
The Reclamation Board

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 23 June 1956, 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 your Board upon completion.

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

Sincerely yours,

Copy Furnished:
Office, Chief of Engrs.
So. Pac. Div. Engineer
State Engineer
Engr. Div. (2)
Sacto. Field Office
C. de Arrieta

G. C. Haug
Colonel, Corps of Engineers
District Engineer

305 to 315
Units 62A to 72A

EARL WARREN
GOVERNOR

A. M. BARTON
CHIEF ENGINEER AND GENERAL MAN
FRED N. HOWSER, ATTORNEY GENERAL
LEGAL ADVISER
G. F. MELLIN
ASSISTANT ENGINEER AND APPRAISE
S. A. HONAKER
ASSISTANT SECRETARY

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

1100 O STREET
SACRAMENTO 14, CALIFORNIA

TELEPHONE: GILBERT 3-4671

April 24, 1951

A. R. GALLAWAY, JR., SACRAMENTO
PRESIDENT
GROVER SHANNON, YUBA CITY
VICE PRESIDENT
GEO. H. HOLMES, CLARKSBURG
SECRETARY
W. P. HARKEY, GRIDLEY
GEO. R. WILSON, WALNUT GROVE
GEO. E. LODI, ARBUCKLE
DOUGLAS B. COHEN, BANTA

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

Dear Sir:

Reference your file PSKKO-P, December 27, 1950.

The Reclamation Board at its meeting March 7, 1951, accepted the levee setback and bank protection work along the right bank of the Sacramento River, at Moons Bend, from mile 137.6 to 140.8, for maintenance and operation by the State of California, in accordance with plans and specifications except for the deviations listed in your subject letter.

Yours very truly

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

By


S. A. HONAKER
Assistant Secretary

SAH:emw

Unit No. 42-A.

Moon's Bend

PBRKO-P

DEC 27 1950

*Accepted by the
Reclamation Board at meeting
held on 7 March 1951.
See Board's letter dated
24 April 1951.*

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

Gentlemen:

Reference is made to letter from this office dated 23 June 1950 and your letter of 26 June 1950 wherein a procedure for transfer of completed units of the Sacramento River Flood Control Project was proposed and accepted respectively.

In accordance with the above, it is proposed to transfer the Levee Setback and Bank Protection work along the right bank of the Sacramento River, at Moon's Bend, from Mile 137.6 to 140.8 to the jurisdiction of the State of California as of 31 January 1951. This work was accomplished under Contract No. DA-OA-167-eng-112 by Lentz Construction Company, contractors, during the period from 19 December 1949 to 15 September 1950, and is in accordance with plans and specifications except for the following deviations:

1. From approximately Sta. 2444/00 to 2452/00 the river bank slope of the levee was changed from 1 on 3 to 1 on 2 slope beginning at the riverside edge of the berm down to elevation 37.00, C. of B. datum, and then to 1 on 3 slope from said elevation to the channel bed.
2. A ditch pad was built at the land side toe of the levee from Sta. 2396/00 to Sta. 2421/00.
3. From Sta. 2356/15 to 2352/15 a solid fill was made between the old levee and the new levee.

Unit No. 42A

824.3 (Sacto River F.C. Project) PSK

PSMCO-P
The Reclamation Board

Advice is requested if a joint inspection is necessary or if this unit may be transferred as outlined in our letter of 23 June 1950. In the event a joint inspection is desirable, it is requested that advice be furnished as to the date selected.

Sincerely yours,

C. C. HAUG
Lt. Colonel, Corps of Engineers
District Engineer

cc: C. de Arrieta

PSRKO-P 324.3 (Sac. R. F.C. Proj.)

AUG 30 1950

Accepted
16 August 1950.

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

Gentlemen:

Reference is made to letter from this office dated 23 June 1950 and letter from your office dated 26 June 1950 wherein a procedure for transfer of completed units of the Sacramento River Flood Control Project was proposed and accepted respectively.

In accordance with your letter of 16 August 1950 the Levee Set-backs and Bank Protection at Ten Sites along the Sacramento River in the vicinity between Colusa and Meridian, completed 26 May 1950, under Contract W-04-167-eng-1576 with E. Earl Parker, Contractor, is hereby transferred to the State of California as of 16 August 1950.

There is inclosed a copy of the Flood Control Regulations prescribed by the Secretary of the Army pursuant to the provisions of Section 3 of the Act of Congress approved 22 June 1936, as amended and supplemented, to govern the maintenance and operation of flood control works, of which the construction referred to is a part. In accordance with paragraph 208.10(10) of these regulations, this office will furnish you and local interests at a later date, with an operation and maintenance manual to assist in carrying out the obligations established. Copies of the contract drawings have previously been furnished to you.

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

Sincerely yours,

C. C. HAUG
Lt. Colonel, Corps of Engineers
District Engineer

1 Incl.
Flood Control
Regulations
cc: C.A.E. w/o incl. ✓
Engr. Div. w/o incl.
OCE w/o incl.
Div. Engr. w/o incl.
State Engr. w/incl.

Unit #39A

de unites

Contract W-04-167-eng 1576

PERIOD-P

NOV 30 1949

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

Gentlemen:

The sections of levee listed below which are located along the Sacramento River between Colusa and Maridial, have been recently completed. Therefore, in accordance with established procedure, these sections of completed levees are hereby transferred to the State of California for maintenance by the State Reclamation Board and other local interests concerned.

26A (1) Left bank, Sacramento River (Station 571,400 to station 544,400) - Mile 132.7 to Mile 133.2, shown on map as Part (a).

27A (2) Right bank, Sacramento River (Station 2106,400 to Station 2123,400) - Mile 135.0 to Mile 135.3, shown on map as Part (d).

28A (3) Right bank, Sacramento River, Station 2173,400 to 2352,400 - Mile 134.3 to Mile 137.7, shown on map as Part (e).

29A (4) Right bank, Sacramento River, Station 2442,450 to Station 2473,400 - Mile 139.8 to Mile 140.3, shown on map as Part (h).

30A (5) Right bank, Sacramento River, Station 2531,400 to Station 2564,400 - Mile 141.4 to Mile 142.0, shown on map as Part (i).

31A (6) Right bank, Sacramento River, Station 2582,400 to Station 2595,400 - Mile 142.4 to Mile 142.7, shown on map as Part (j).

This construction forms an integral part of the Sacramento River Flood Control Project. The details and extent of the work are shown on the inclosed drawings.

Units - Nos. 26A-27A-28A-29A-30A and 31A,
see also Unit 39A

131,134

PHOTO-7

The Reclamation Board

There is also inclosed a copy of Flood Control Regulations prescribed by the Secretary of War (now designated the Secretary of the Army), pursuant to the provisions of Section 5 of the Act of Congress approved 22 June 1936, as amended and supplemented, to govern the maintenance and operation of flood control works, of which the levees referred to above are a part thereof. In accordance with paragraph 200.10(10) of said regulations, this office will furnish your Board and local interests concerned at a later date with an Operation and Maintenance Manual to assist in carrying out their obligations which have been established by these regulations.

For the records of this office acknowledgment of this letter is requested on or before 31 December 1949.

Copy of this letter, with inclosures, is being transmitted to the State Engineer.

Sincerely yours,

Incls.

Drawings, File No. 50-4-2345,
in 8 sheets
Flood Control Regulations

J. SEPH S. GORLINSKI
Mens. Corps of Engineers
District Engineer

Copy furnished:
State Engineer
Sacramento, Calif.
(with Incls.)

cc: Engr. Div.
Sacto. Field O.
CdeA

131134

Unit 39 A

Units 26A-27A-28A-29A-30A and 31A.

RESOLUTION

PASSED AND ADOPTED BY THE RECLAMATION BOARD

AUGUST 21, 1946

WHEREAS The Reclamation Board has heretofore approved certain items of "new construction"; consisting of (1) the enlargement and construction of the West levee of the Sacramento River from Colusa to Packers, in Reclamation District No. 2047; (2) the enlargement and construction of the West levee of the Sacramento River and the South levee of Sycamore Slough located near Knights Landing in Reclamation District No. 730; and (3) the enlargement and construction of the West levee of the Feather River, two miles north of Yuba City, northerly twelve miles, a portion of which lies in Reclamation District No. 777, and a portion lying in Levee District No. 9 of Sutter County; and

WHEREAS the War Department, Corps of Engineers, District Engineer, Sacramento District, under dates of 12 August, 1946, and 13 August, 1946, has notified The Reclamation Board of the completion of the three items of levee enlargement and construction, and has transferred said portions of levee to the State of California for maintenance and operation by the proper local interests; and

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

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

Manual No. 4

Exhibit F



S. V. ROHMER
Assistant Secretary
The Reclamation Board

[Handwritten signature]

IN WITNESS WHEREOF, I have hereunto set my hand and
affixed the official seal of the Reclamation Board this 22 day
of January 1946.

I, S. V. ROHMER, Assistant Secretary of the Reclamation Board, do hereby certify that the above and foregoing is a true and correct copy of a Resolution made by said Board at its meeting held August 21, 1946.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ss. } Office of the Reclamation Board

RESOLVED AND ORDERED that such portion of the West Levee of the Feather River from two miles north of Yuba City northerly twelve miles, as lies in Levee District No. 9 of Butte County, be, and the same is hereby transferred to said Levee District No. 9 of Butte County for maintenance and operation, as the legally authorized function of said District, and that the remaining portion of said section of Levee, so much thereof as lies within Reclamation District No. 777, be, and the same is hereby transferred to said Reclamation District No. 777 for maintenance and operation as the legally authorized function of said District.

RESOLVED AND ORDERED that the West Levee of the Sacramento River and the South Levee of Drymore Slough located and being near Knights Landing, lying in Reclamation District No. 730, be, and the same is hereby transferred to said Reclamation District No. 730 for maintenance and operation as the legally authorized function of said District; and be it further

RESOLVED AND ORDERED that the West Levee of the Sacramento River from Colusa to Packers, together with the dams and appurtenant structures thereof, be turned over to Reclamation District No. 2047 for maintenance and operation, as the legally authorized function of said District; and be it further

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THE RECLAMATION BOARD
of the
STATE OF CALIFORNIA

November 28, 1951

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

Dear Sir:

Reference your letter 8 Nov 1951, file SPKKO-P 824.3(Sac. R.F.C.P.), transferring eleven units of work located along the Sacramento River and referred to in Drawing No. 50-4-2614 as Parts Nos. (K) to (U) inclusive, and located in Reclamation Districts 70, 108, 1500 and 1660 and in Sacramento River West Side Levee District.

The Reclamation Board at its meeting November 20, accepted, on behalf of the State, the subject levees for maintenance and operation.

Yours very truly

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

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

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

13 December 1951

Gentlemen:

Reference is made to your letter of 2 July 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. _____

h. Westerly levee of the Sacramento River

- (1) Mile 119.2 to Mile 119.7
- (2) Mile 131.4 to Mile 131.8
- (3) Mile 133.1 to Mile 133.3
- (4) Mile 134.0 (Meridian Bridge) to Mile 134.3
- (5) Mile 134.3 to Mile 140.6
- (6) Mile 140.6 to Mile 141.3
- (7) Mile 141.3 to Mile 142.0
- (8) Mile 142.0 to Mile 142.3
- (9) Mile 142.3 to Mile 142.7 (Union Oil Co. Wharf)

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- i. _____

s. _____

The records of this office show that your Board has accepted the levees and/or works covered by Items d(14), d.(15) _____ h. (3), h.(5), h.(7), h.(9) _____, above, as complete. Accordingly, the waterway bank contiguous to said Items is hereby transferred to the State of California for maintenance and operation.

The levee covered by Items a. _____ h.(1), h.(2), h.(4), h.(6), h.(8) and _____, inclusive, 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 maintenance and operation.

Sincerely yours,

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

Note: Only items pertaining
to Unit No. 131 are
contained in this copy.

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SPIKCO-P 824.3 (Sac.Riv.F.C.P.)

21 Jan 1955

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

Gentlemen:

Reference is made to the District Engineer's letters dated 3 and 9 December 1954 suggesting a joint inspection of certain levee sections pertaining to the Sacramento River Flood Control project, for the purpose of transferring them to the jurisdiction of the State of California for operation and maintenance. Reference is also made to the joint inspection of these levee sections made on 13 December 1954.

The levee sections referred to above have been recently completed and are listed as follows:

- a. - - - - -

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SPKKO-P
The Reclamation Board

b. Westerly Levee, Sacramento River:

<u>Levee Section No.</u>	<u>DA-04-167-eng Contract No.</u>	<u>Drawing File No.</u>	<u>River Mile Points</u>
- - - -	- - - -	- - -	- - - - - - - -

The levee sections, No. 423 to 432 inclusive, described above now meet the requirements of the Sacramento River Flood Control Project, therefore said levee sections, together with the waterway banks contiguous thereto, are hereby transferred to the State of California operation and maintenance.

- - - - -

It is to be noted that the levee sections described above combined with other sections previously transferred to your jurisdiction now form long continuous levee reaches at the locations listed below and as shown on inclosed chart entitled: "Sacramento River Flood Control Project - Levee Sections Transferred to the State of California," Sheet No. 2 and 3.

Easterly Levee, Sacramento River:

- - - - -

Westerly Levee, Sacramento River:

- - - - -

From River Mile 119.2 to 123.8

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SPKKO-P
The Reclamation Board

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations, inclosed herewith, which have been prescribed by the Secretary of the Army pursuant to Section 3 of the Act of Congress, approved 22 June 1934, as amended and supplemented by the current issue of the Standard Operation Manual for the Sacramento River Flood Control Project. As provided under Paragraph 208.10(10) of these regulations, a supplement to the Standard Operation and Maintenance Manual covering those units of work 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.

Sincerely yours,

Note: Only portion pertaining
to Unit No. 131 contained
in this copy.

WM. J. ELY
Col, CE
District Engineer

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17 June 1955

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

Gentlemen:

Reference is made to the District Engineer's letter dated 21 January 1955, whereby several levee sections, including Sites Nos. 1, 2 and 4 of Contract No. DA-04-167-eng-1186, pertaining to the Sacramento River Flood Control Project, were transferred to the jurisdiction of the State of California for operation and maintenance.

The remaining Sites Nos. 3, 5 and 6 located on the right bank of the Sacramento River, covered by said Contract DA-04-167-eng-1186, Specification No. 1855 and Drawing No. 50-4-3011, were completed on 10 June 1955. A joint inspection of these sites was made on 2 June 1955. Said Sites Nos. 3, 5 and 6 are listed as follows:

LEEVE SECTION NO.	SITE NO.	LEEVE SECTION LOCATION CONTROL RIVER MILE POINTS	LOCATION OF WORK TRAVERSE STATIONS SHOWN ON DRAWINGS
437	3	115.84 to 116.80	1253+50 to 1312+00
438	5	125.52 to 125.68	3+00 to 7+50
439	6	129.24 to 129.51	5+000 to 25+72

The levee sections, Nos. 437 to 439 inclusive, described above, now meet the requirements of the Sacramento River Flood Control Project, therefore said levee sections, together with the water way banks contiguous thereto, are hereby transferred to the State of California for operation and maintenance.

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

17 June 1955

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations, inclosed herewith, 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 by the current issue of the Standard Operation and Maintenance Manual for the Sacramento River Flood Control Project. As provided under Paragraph 208.10 (10) of these regulations, a supplement to the Standard Operation and Maintenance Manual covering these units of work 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:

Sincerely yours,

A. D. WILDER
Lt. Col, CE
Executive Officer

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SPKKO-P 824.3 (Sac. Riv. F.C.P.)

5 Dec 1956

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

Gentlemen:

Reference is made to the District Engineer's letter dated 1 November 1956 suggesting a joint inspection of certain levee sections pertaining to the Sacramento River Flood Control Project for the purpose of transferring them to the jurisdiction of the State of California for operation and maintenance. Reference is also made to the joint inspection of these levee sections made on 7 November 1956.

The required work on the levee sections referred to above was completed on 17 November 1956 in accordance with Specification No. 2068, Contract No. DA-04-167-CIVENG-56-247 and Drawing No. 50-4-3211. These levee sections are on the right bank of the Sacramento River and are listed as follows:

<u>Levee Section No.</u>	<u>Location No.</u>	<u>River Mile Points</u>
- - - -	- - - -	- - - -
502	12	117.9 to 119.2
503	13	123.8 to 124.5

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

<u>Levee Section No.</u>	<u>Location No.</u>	<u>River Mile Points</u>
504	14	124.8 to 125.2
505	15	125.68 to 126.5
506	16	126.6 to 129.24
507	17	129.51 to 131.4
508	18	132.2 to 133.1
509	19	133.3 to 134.0

The levee sections, Nos. 491 to 509 inclusive, described above, now meet the requirements of the Sacramento River Flood Control Project; therefore said levee sections, 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, inclosed herewith, 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 by the current issue of the Standard Operation and Maintenance Manual for the Sacramento River Flood Control Project. As provided under paragraph 208.10 (10) of these regulations, a supplement to the Standard Operation and Maintenance Manual covering these units of work is in process of preparation and will be furnished to you upon completion.

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

Note: Only portions pertaining
to Unit No. 131 contained
in this copy.

Sincerely yours,

A. E. MCCOLLAM
Colonel, CE
District Engineer

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THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

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

22 December 1959

Dear Sir:

Reference is made to your letter of November 16, 1959, File SPKKO-P regarding transfer to the State of levee sections on the right bank of the Sacramento River at the locations listed below:

<u>Levee Sect. No.</u>	<u>Site</u>	<u>River Mile Points</u>
----- 655	----- R.D. 108 Headquarters	----- 117.8 to 117.9
656	Browning Warehouse	123.8 to 123.9
657	Warehouse below Grimes	124.8 to 125.0
658	Grimes Warehouse	125.0 to 125.5
659	Colusa Warehouse	142.7 to 143.5

The Reclamation Board, at its meeting of December 17, 1959, formally accepted these levee sections for operation and maintenance.

Sincerely yours,

Note: Only portions
pertaining to Unit No. 131
contained in this copy.

/s/ _____
A. N. MURRAY
General Manager and Chief Engineer

C O P Y

EXHIBIT F
Sheet 11 of 11

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. 131 of the Sacramento River
Flood Control Project (West levee of Sacramento River from Wilkins Slough
to Colusa) 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 48.0 at Wilkins Slough gage and 65.0 on the gage at Colusa) occurred
on the following dates:

<u>Dates</u>	<u>Maximum Elevation</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 gate 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