

SUPPLEMENT TO STANDARD  
OPERATION AND MAINTENANCE  
MANUAL

SACRAMENTO RIVER  
FLOOD CONTROL PROJECT

UNIT NO. 136

EAST LEVEE OF SACRAMENTO RIVER  
FROM BUTTE SLOUGH OUTFALL GATES  
TO THE PRINCETON-AFTON ROAD  
(MILE 138.3 TO MILE 164.4)



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  
March 1960**

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(MILE 138.3 TO MILE 164.4)

| LOCATION  | ADDITION OR REVISION  | DATE     |
|-----------|---|----------|
| 1-04 p.   | Add contract no. 65-15  | Jul 1966 |
| Exhibit B | Add drawing no. 50-4-3754   | Jul 1966 |
| Exhibit F | Add letter of acceptance dated 26 Oct 1965                          | Jul 1966 |
| 1-04 q.   | Add contract no. 66-28  | Jul 1966 |
| Exhibit B | Add drawing no. 50-4-4118   | Jul 1966 |
| Exhibit F | Add letter of acceptance dated 11 Jan 1966                          | Jul 1966 |
| 1-04 r.   | Add contract no. 68-C-0014  | Jan 1968 |
| Exhibit B | Add drawing no. 50-4-4078   | Jan 1968 |
| Exhibit F | Add letter of acceptance dated 10 Jan 1968                          | Jan 1968 |
| 1-04 s.   | Add contract no. DACW05-68-C-0067                                   | Dec 1970 |
| Exhibit B | Add drawing no. 50-4-4179   | Dec 1970 |
| Exhibit F | Add copy of letter of acceptance dated 13 Jan 1969                  | Dec 1970 |
| 1-04      | Add subparagraph t.   | Mar 1972 |
| Exhibit B | Add drawing no. 50-4-4339   | Mar 1972 |
| Exhibit F | Add copy of letters of acceptance dated 17 Dec 1970 and 31 Dec 1971 | Mar 1972 |
| 1-04      | Add subparagraph u.   | Jun 1975 |
| 2-01      | Add subparagraph c.   | Jun 1975 |
| Exhibit B | Add drawing no. 50-4-4586   | Jun 1975 |
| Exhibit F | Add copy of letter of acceptance dated 16 Jan 1973                  | Jun 1975 |
| 1-04      | Add subparagraph v.   | Jan 1976 |
| Exhibit B | Add drawing no. 50-4-4777   | Jan 1976 |
| Exhibit F | Add copy of letter of acceptance date 9 Jul 1974                    | Jan 1976 |
| 1-04      | Add subparagraph w.   | Sep 1977 |
| 2-01      | Delete subparagraph c.  | Sep 1977 |
| 2-05      | Add subparagraph a. (page 8)  | Sep 1977 |
| Exhibit B | Add drawing no. 50-4-4892   | Sep 1977 |
| Exhibit F | Add copy of letter of acceptance dated 29 Dec 1975                  | Sep 1977 |
| 1-04      | Add subparagraph x.   | Nov 1983 |
| Exhibit B | Add drawing no. 50-4-5438   | Nov 1983 |
| Exhibit F | Add copy of letter of transfer date 15 Dec 1981                     | Nov 1983 |
| 1-04      | Add subparagraph y  | Nov 2010 |

| <b>LOCATION</b> | <b>ADDITION OR REVISION</b>                                     | <b>DATE</b> |
|-----------------|---|-------------|
| Exhibit B       | Add Plan Sheets G-1, C-1 to C-5 (6 sheets)                      | Nov 2010    |
| Exhibit F       | Add copy of letter of transfer dated 6 Feb 1945                 | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of acceptance dated 21 Feb 1945              | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of transfer dated 23 Mar 1948                | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of acceptance dated 7 Apr 1948               | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of transfer dated 8 Dec 1951 (Letter No. 8)  | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of transfer dated 8 Dec 1951 (Letter No. 12) | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of acceptance dated 18 Dec 1951              | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of acceptance dated 2 Apr 1952               | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of transfer dated 22 Jul 1952                | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of transfer dated 21 Jan 1955                | 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 30 Dec 1959                | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of acceptance dated 16 Dec 1963              | 22 Dec 2010 |
| Exhibit F       | Add copy of letter of transfer dated 29 Nov 1965                | 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 26 Dec 1968                | 2 Feb 2011  |
| Exhibit F       | Add copy of letter of transfer dated 26 Sep 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 29 Dec 1972                | 2 Feb 2011  |
| Exhibit F       | Add copy of letter of transfer dated 20 Jun 1974                | 8 Mar 2011  |
| Exhibit F       | Add copy of letter of transfer dated 11 Dec 1975                | 8 Mar 2011  |
| Exhibit F       | Add copy of letter of acceptance dated 31 Dec 1981              | 8 Mar 2011  |
| 1-04            | Add subparagraph z  | 8 Mar 2011  |
| Exhibit B       | Add drawing no. 50-4-5758                                       | 8 Mar 2011  |
| Exhibit F       | Add copy of letter of transfer dated 21 Dec 1987                | 8 Mar 2011  |
| 1-04            | Add subparagraph aa   | 8 Mar 2011  |
| Exhibit B       | Add drawing no. 50-4-5806                                       | 8 Mar 2011  |
| Exhibit F       | Add copy of letter of transfer dated 13 Jan 1995                | 8 Mar 2011  |
| Exhibit F       | Add copy of letter of acceptance dated 31 Mar 1995              | 8 Mar 2011  |
| Exhibit F       | Add copy of letter of transfer dated 4 Jan 2011                 | 23 May 2011 |
| 1-04            | Add subparagraph ab   | 15 Aug 2013 |
| Exhibit B       | Add drawing no. 6-6-2059  | 15 Aug 2013 |
| Exhibit F       | Add copy of letter of transfer dated 24 Oct 1963                | 15 Aug 2013 |
| Exhibit F       | Add copy of letter of transfer dated 29 Nov 2016                | 29 Dec 2016 |

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EXHIBIT

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| 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 10 |
| F   | Letters of Acceptance by The State Reclamation Board    | Sheets 1 thru 9  |
| G   | Suggested Semi-Annual Report Form . . . . .             | Sheets 1 thru 3  |

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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 east levee of the Sacramento River from the Butte Slough Outfall Gates to the Princeton-Afton Road. The location by river mileage is from about mile 138.3 to mile 164.4. The levee of this unit lies within Levee District No. 3, R.D. 1005 and R.D. 1004, in Glenn and Colusa, Counties, California, and in the general vicinity between the towns of Colusa and Butte City. 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 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 easterly levee (left bank) of the Sacramento River from the Butte Slough Outfall Gates upstream about 23.55 levee miles to the Princeton-Afton Road. The original levee built by local interests has been enlarged and/or setback by the Corps of Engineers to adopted grade and section. Colusa Weir (Unit No. 155) and Moulton Weir (Unit No. 154) lie within this reach of levee but have been covered as separate units. For more details of construction of the above mentioned levee, reference is made to the "As Constructed" drawings of Exhibit B.

1-03. Protection Provided. The levee of this unit provides protection to agricultural lands that lie easterly from the levee. The grade of the adopted flood plane in the Sacramento River varies from elevation 67.3 at the Butte Slough Outfall Gates to elevation 93.6 at the Princeton-Afton Road (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 3 feet and the project design flood capacity is 48,000 cubic feet per second from the Butte Slough Outfall Gates to the Colusa Weir; 110,000 cubic feet per second from Colusa Weir to Moulton Weir; and 160,000 cubic feet per second from Moulton Weir to the upper end of this unit at the Princeton-Afton Road.

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

a. The east levee of the Sacramento River at Moulton Weir was constructed under Contract No. W-1105-eng-1066 by C.W. Wood, Contractor, and completed on 8 March 1932. Drwg. 50-4-1297

b. The east levee of the Sacramento River between Colusa and Butte Slough was constructed under Contract No. W-1105-eng-1052 by McDonald, Paulos & McEwen, contractors, and completed on 1 February 1935. Drwg. 50-4-1444

c. The east levee of the Sacramento River from Butte Slough to Colusa Bridge was reconstructed under Contract No. W-1105-eng-1394 by Olympia Dredge Co., contractor, and completed on 31 May 1935. Drwg. 50-4-1410

d. The east levee of the Sacramento River at the northerly end of Colusa Weir was set back by hired labor under Job Order No. 63 and completed in June 1936. Drwg. 6-4-1228

e. The east levee of the Sacramento River between Moulton Weir and Colusa Bridge was enlarged under Contract No. W-1105-eng-1796 by Morrison-Knudsen Co., contractor, and completed 24 December 1936. Drwg. 50-4-1514

f. The east levee of the Sacramento River between the Moulton Weir and the Princeton-Butte City Road was reconstructed under Contract No. W-1105-eng-1833 by D. McDonald Co., contractor, and completed 8 January 1937. Drwg. 50-4-1507

g. The east levee of the Sacramento River about one mile downstream from Moulton Weir was repaired by hired labor under Job Order No. 398 and completed 30 September 1938. Drwg. 6-4-1413

h. The east levee of the Sacramento River between the Moulton Weir and Colusa Weir was reconstructed under Contract No. W-1105-eng-2121 by C.W. Wood, contractor, and completed 1 October 1938. Drwg. 50-4-1582

i. Repair of the east levee of the Sacramento River at Mile 154.0 was accomplished under Job Order No. 420 and completed on 24 October 1938. Drwg. 50-4-1432

j. Repair of the east levee of the Sacramento River at Mile 152.3 was accomplished under Job Order No. 399 and completed on 8 November 1938. Drwg. 6-6-1414

k. The east levee of the Sacramento River from Moulton Weir to the Princeton-Butte City Road was reconstructed under Contract No. DA-04-167-eng-637 by Bressi & Berando, contractor, and completed on 13 January 1945. Drwg. 50-4-2216

l. Levee enlargement and bank protection at Mile 153.4 on the east levee of the Sacramento River was constructed by Morrison-Knudsen Co., contractors, under Contract No. DA-04-167-eng-1511 and completed on 30 December 1948. [Drwg. 50-4-2530](#)

m. Levee enlargement and bank protection at Mile 149.8 on the east levee of the Sacramento River was constructed by Morrison-Knudsen Co., contractors under Contract No. DA-04-167-eng-1511 and completed on 10 January 1949. [Drwg. 50-4-2532](#)

n. Levee enlargement and bank protection at Mile 149.3 on the east levee of the Sacramento River was constructed by H. Earl Parker under Contract No. DA-04-167-eng-1512 and completed on 11 January 1949. [Drwg. 50-4-2533](#)

o. Levee construction on the left bank of the Sacramento River vicinity of Colusa Bridge to Moulton Weir was accomplished under Contract No. DA-04-167-CIVENG-60-25 by M. Malfitano & Son, contractors, during the period from 17 August 1959 to 14 December 1959. [Drwg. 50-4-3510. Spec. 2566](#)

p. 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.

q. Bank protection on the Sacramento River was accomplished under Contract No. DA-04-167-CIVENG-66-28 by A. Teichert & Son, Inc., during the period from 19 August 1965 to 10 December 1965, Specification No. 3283, Drawing No. 50-4-4118 (Unit No. 14).

r. Bank protection at Mile 147.55 on the left bank of the Sacramento River (Unit No. 12) was accomplished under Contract No. DACW05-68-C-0014 by A. Teichert and Son, Inc., during the period from 28 August 1967 to December 1967, Specification No. 3288, Drawing No. 50-4-4078.

s. Stone protection on the left bank of the Sacramento River at Site Miles 139.55 and 140.72 (a portion of Unit 13, Sacramento River Bank Protection Project) was accomplished under Contract No. DACW05-68-C-0067 by H. Earl Parker during the period from 17 April 1968 to 29 August 1969. Specification No. 3369, Drawing No. 50-4-4179.

t. Bank protection on the left bank of the Sacramento River at Site Miles 138.5 and 140.5 (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.

u. Bank protection and selective clearing on the left bank of the Sacramento River at Site Miles 138.5, 140.3 and 142.4 (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.

v. Bank sloping, stone protection and selective clearing on the left bank of the Sacramento River at Site Miles 142.7, 145.0 and 147.3 (Unit No. 26) 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.

w. Bank protection and selective clearing on the left bank of the Sacramento River at Site Miles 152.6 and 153.0 (Unit No. 27) was accomplished under Contract No. DACW05-72-C-0085 by Luhr Brothers Inc. during the period from 21 July 1975 to 15 October 1976. Specification No. 4461, Drawing No. 50-4-4892.

x. Bank sloping, stone protection and selective clearing on the bank of the Sacramento River at Site Miles 142.2 L and 159.6 L (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.

y. PL 84-99 rehabilitation repairs to the left bank levee of the Sacramento River, under Contract No. W91238-08-D-0016 (Task Order No. 0002) by Santos Excavating, Inc., was completed on September 30, 2008. Specifications: P.L. 84-99 Levee Rehabilitation Repairs. Drawings: “PL 84-99 Levee Rehabilitation Repairs, CY2007 Order Sites 3-5, Levee District 3”.

**TABLE 1: Sacramento River**

| SITE | COORDINATES<br>(NAD 83) |            |              |            | SITE<br>LENGTH<br>(FT) |
|------|-------------------------|------------|--------------|------------|------------------------|
|      | (N)                     | (W)        | (N)          | (W)        |                        |
| 001  | 38.31051,               | -121.01294 | to 38.30692, | -121.03110 | 1,300                  |
| 002  | 39.33428,               | -122.02280 | to 39.32772, | -122.01626 | 3,030                  |

z. Bank sloping and stone protection on the left bank of the Sacramento River, Site Miles 144.7, 156.1, 159.3 and 159.8 was completed on 18 December 1987 under Contract No. DACW05-86-C-0095. Specification No. 7875, Drawing No. 50-4-5758.

aa. Stone protection, selective clearing, excavation, and other miscellaneous work on the left bank of the Sacramento River, Site Mile 143.3, was completed on 16 November 1994 under Contract No. DACW05-94-C-0044. Specification No. 8385, Drawing No. 50-4-5806.

ab. Channel clearing in the Sacramento River at various sites, between Colusa and Butte City, was accomplished under contract no. DA-04-167-CIVENG-63-59, Specification No. 2775, Drawing No. 6-6-2059 and was completed on 18 October 1963.

1-05. Flood Flows. For purposes of this manual, the term “flood” or “high water period” shall refer to flows when the water surface reaches or exceeds a reading of 59.0 on the State Department of Water Resources staff gage on the left bank of the Sacramento River at Butte Slough Outfall Gates, a reading of 65.0 on the U.S. Corps of Engineers and State Department of Water Resources continuous water stage recorder and staff gage on the left bank of the Sacramento River at the upstream end of the Colusa Weir; or a reading of 79.0 on the U.S. Corps of Engineers and State Department of Water Resources continuous water stage recorder and staff gage on the left bank of the Sacramento River near the south end of the Moulton Weir. All gages are set on U.S. Corps of Engineers datum.

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

1-07. Acceptance by the State Reclamation Board. Responsibility for operating and maintaining the completed works was officially accepted by the Reclamation Board of the State of California on 15 March 1939, 21 February 1945, 11 March 1953 and 21 January 1960, as shown on the attached letters of acceptance, 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 levee described in this manual is located along the easterly side (left bank) of the Sacramento River from the Butte Slough Outfall Gates to the Princeton-Afton Road. The existing levee of this unit has been rebuilt to adopted grade and section by new construction. Crushed rock surfacing was applied to the crown of the levee for patrol road purposes. Required turn-outs and road approaches were also provided. For more complete detail of items included in construction of the above-mentioned levee, refer to the "As Constructed" drawings of Exhibit B.

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 located and described as follows:

##### Drainage and Irrigation Structures

| Levee<br>Mileage | Size of<br>pipe | Other Description | Invert<br>Below<br>Crown |
|------------------|-----------------|-------------------|--------------------------|
| 0.44             | 78"             | Flap gate W.S.    | 30.0'                    |
| 0.53             | 3"              | Abandoned         | 17.8'                    |
| 0.53             | 5"              | Abandoned         | 17.8'                    |
| 1.10             | 18"             | Pump W.S.         | 12.5'                    |
| 1.38             | 30"             | Flap gate W.S.    | 28.1'                    |
| 1.84             | 14"             | Slant pump W.S.   | 12.5'                    |
| 2.01             | 24"             | Pump W.S.         | 13.5'                    |
| 2.49             | 24"             | Slide gate W.S.   | 14.5'                    |
| 2.66             | 12"             | Pump house W.S.   | 20.0'                    |

Drainage and Irrigation Structures, (Cont'd)

| Levee<br>Mileage | Size<br>of<br>pipe | Other Description             | Invert<br>Below<br>Crown |
|------------------|--------------------|-------------------------------|--------------------------|
| 3.25             | 24"                | Slide gate W.S.               | 12.4'                    |
| 3.33             | 2-1/2'x3'          | Concrete culvert-flash boards | 13.6'                    |
| 3.60             | 18"                | Slide gate W.S.               | 15.0'                    |
| 3.78             | 10"                |                               | 19.8'                    |
| 3.78             | 24"                | Abandoned Slide gate W.S.     | 20.0'                    |
| 3.99             | 24"                | Slidegate W.S. and L.S.       | 20.0'                    |
| 4.01             | 30"                | Slidegate W.S.                | 17.5'                    |
| 4.37             | 24"                | Slidegate W.S.                | 26.0'                    |
| 4.37             | 16"                | Pump W.S.                     | 13.9'                    |
| 4.58             | 24"                | Slidegate W.S.                | 18.0'                    |
| 4.99             | 24"                | Slidegate W.S. in riser       | 15.4'                    |
| 4.99             | 36"                | Riser unit W.S.               | 13.8'                    |
| 5.00             | 36"                | Riser unit W.S.               | 18.4'                    |
| 5.01             | 16"                | Pump W.S.                     | 12.0'                    |
| 5.21             | 24"                | Riser unit W.S.               | 15.8'                    |
| 5.39             | 24"                | Pump W.S.                     | 11.0'                    |
| 6.05             | 30"                | Riser Unit W.S.               | 12.0'                    |
| 6.61             | 24"                | Riser Unit W.S.               | 13.5'                    |
| 6.75             | 3'x3'              | Concrete culvert gate W.S.    | 9.0'                     |
| 7.61             | 24"                | Pump W.S.                     | 14.5'                    |
| 7.73             | 3'x4'              | Abandoned concrete culvert    | 11.6'                    |
| 7.86             | 24"                | Pipe plugged                  | —                        |
| 8.05             | 24"                | Riser unit W.S.               | 14.8'                    |
| 8.34             | 12"                | Plates welded on each end     | 2.5'                     |
| 8.35             | 24"                | Riser unit L.S.               | 12.8'                    |
| 8.55             | 24"                | Riser Unit W.S.               | 11.5'                    |
| 8.59             | 24"                | Slidegate W.S.                | 12.5'                    |
| 8.67             | 24"                | Slidegate W.S.                | 16.5'                    |
| 8.70             | 10"                | Riser Unit W.S.               | 15.0'                    |
| 8.74             | 24"                | Slidegate W.S.                | 16.7'                    |
| 8.78             | 12"                | Slidegate W.S.                | 12.5'                    |
| 9.40             | 24"                | Slidegate L.S.                | 13.5'                    |
| 9.77             | 48"                | Slidegate each end            | 17.0'                    |
| 10.27            | 48"                | Riser Unit W.S.               | 17.0'                    |
| 10.47            | 48"                | Riser Unit W.S.               | 14.0'                    |
| 10.53            | 18"                | Pumphouse W.S.                | 17.1'                    |
| 10.57            | 24"                | Pumphouse W.S.                | 20.1'                    |
| 10.68            | 24"                | Gate Valve W.S.               | 4.0'                     |
| 10.99            | 36"                | Riser Unit W.S.               | 17.4'                    |
| 11.50            | 24"                | Slidegate W.S.                | 16.8'                    |
| 11.81            | 18"                | Slidegate W.S.                | 16.0'                    |
| 11.84            | 36"                | Pumphouse W.S.                | 15.7'                    |
| 12.05            | 36"                | Riser Unit W.S.               | 18.1'                    |
| 12.09            | 36"                | Slidegate W.S.                | 17.6'                    |

Drainage and Irrigation Structures, (Cont'd)

| Levee<br>Mileage | Size<br>of<br>pipe | Other Description                    | Invert<br>Below<br>Crown |
|------------------|--------------------|--------------------------------------|--------------------------|
| 12.42            | 24"                | Slant pump W.S.                      | 16.5'                    |
| 12.49            | 48"                | Pump W.S. Abandoned                  | 18.0'                    |
| 12.55            | 36"                | Two Slant Pumps W.S.                 | 20.0'                    |
| 12.73            | 12"                | Riser Unit W.S.                      | 14.0'                    |
| 12.95            | 36"                | Riser Unit W.S.                      | 18.0'                    |
| 13.37            | 48"                | Riser Unit W.S.                      | 16.5'                    |
| 13.92            | 24"                | Riser Unit W.S.                      | 16.0'                    |
| 14.30            | 42"                | Riser Unit W.S.                      | 12.8'                    |
| 14.50            | 24"                | Riser Unit W.S.                      | 14.0'                    |
| 14.55            | 42"                | Riser Unit W.S.                      | 14.2'                    |
| 15.46            | 24"                | Riser Unit W.S.                      | 16.5'                    |
| 16.29            | 48"                | Flap Gate W.S.                       | 16.5'                    |
| 16.42            | 48"                | Slidegate W.S.                       | 17.0'                    |
| 17.30            | 3'x5'              | Concrete culvert with<br>flashboards | 20.5'                    |
| 17.60            | 24"                | Slidegate W.S.                       | 15.8'                    |
| 18.22            | 36"                | Slidegate W.S.                       | 18.0'                    |
| 18.65            | 36"                | Slidegate W.S.                       | 20.0'                    |
| 18.74            | 24"                | Slidegate W.S.                       | 19.0'                    |
| 19.24            | 36"                | Slidegate W.S.                       | 21.7'                    |
| 19.61            | 36"                | Slidegate W.S.                       | 21.7'                    |
| 20.05            | 24"                | Slidegate W.S.                       | 19.8'                    |
| 21.89            | 24"                | Slidegate W.S.                       | 14.5'                    |
| 22.00            | 24"                | Slidegate W.S.                       | 15.0'                    |
| 22.30            | 24"                | Slidegate W.S.                       | 18.0'                    |
| 22.82            | 24"                | Slidegate W.S.                       | 18.3'                    |
| 23.19            | 2-36"              | Slidegate W.S.                       | 29.6'                    |
| 23.43            | 24"                | Slidegate W.S.                       | 16.0'                    |

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 floodway of the Sacramento River within this unit consists of a low water channel which meanders through an overflow area that varies in width from about 500 feet on the lower end to about one mile wide near the upper end. Floods are confined between levees along both banks of the floodway except for overflow over the Colusa and Moulton Weirs. This portion of the Sacramento River from the Butte Slough Outfall Gates to the Princeton-Afton Road has a project design capacity as indicated in paragraph 1-03 of this manual.

Since the channel of the Sacramento River within this unit is utilized for navigable purposes, the responsibility of local interests for inspection, maintenance and operation of the channel shall be limited to flood control.

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 59.0 on the gage at Butte Slough Outfall Gates; 65.0 on the gage at Colusa Weir; or a reading of 79.0 on the gage at Moulton Weir as indicated in paragraph 1-05 of this manual. The Superintendent shall dispatch a message by the most suitable means to the District Engineer whenever the water surface reaches the gage readings indicated above. The Superintendent shall cause readings to be taken at said gages at intervals of four hours during the period when the water surface is above the flood-flow stages indicated above and record the time of observations. One copy of the readings shall be forwarded to the District Engineer immediately following the flood, and a second copy transmitted as an inclosure to the semi-annual report in compliance with paragraph 3-06 of the Standard Manual.

## 2-04. Miscellaneous Facilities.

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

(1) Bridge and Ferry Crossing.

(a) A swing span bridge crossing the Sacramento River at the town of Colusa.

(b) The Princeton - Butte City Ferry crossing the Sacramento River at the upper end of this unit.

(c) A highway bridge traverses the length of the Colusa Weir and a low water crossing is provided at Moulton Weir. Details of the weir crossings are covered under separate units No. 154 and No. 155.

(2) Utility Relocation - None.

(3) Hydrologic Facilities.

(a) A State Department of Water Resources staff gage located on the left bank of the Sacramento River at the Butte Slough Outfall Gates.

(b) The U.S. Corps of Engineers and State Department of Water Resources continuous water stage recorder and staff gage located on the left bank of the Sacramento River at the upstream end of the Colusa Weir.

(c) The U.S. Corps of Engineers and State Department of Water Resources continuous water stage recorder and staff gage located on the left bank of the Sacramento River near the south end of the Moulton Weir.

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. 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. Dead trees with wildlife value will be retained except where they constitute a hazard to existing flood control works. \*

### SECTION III

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

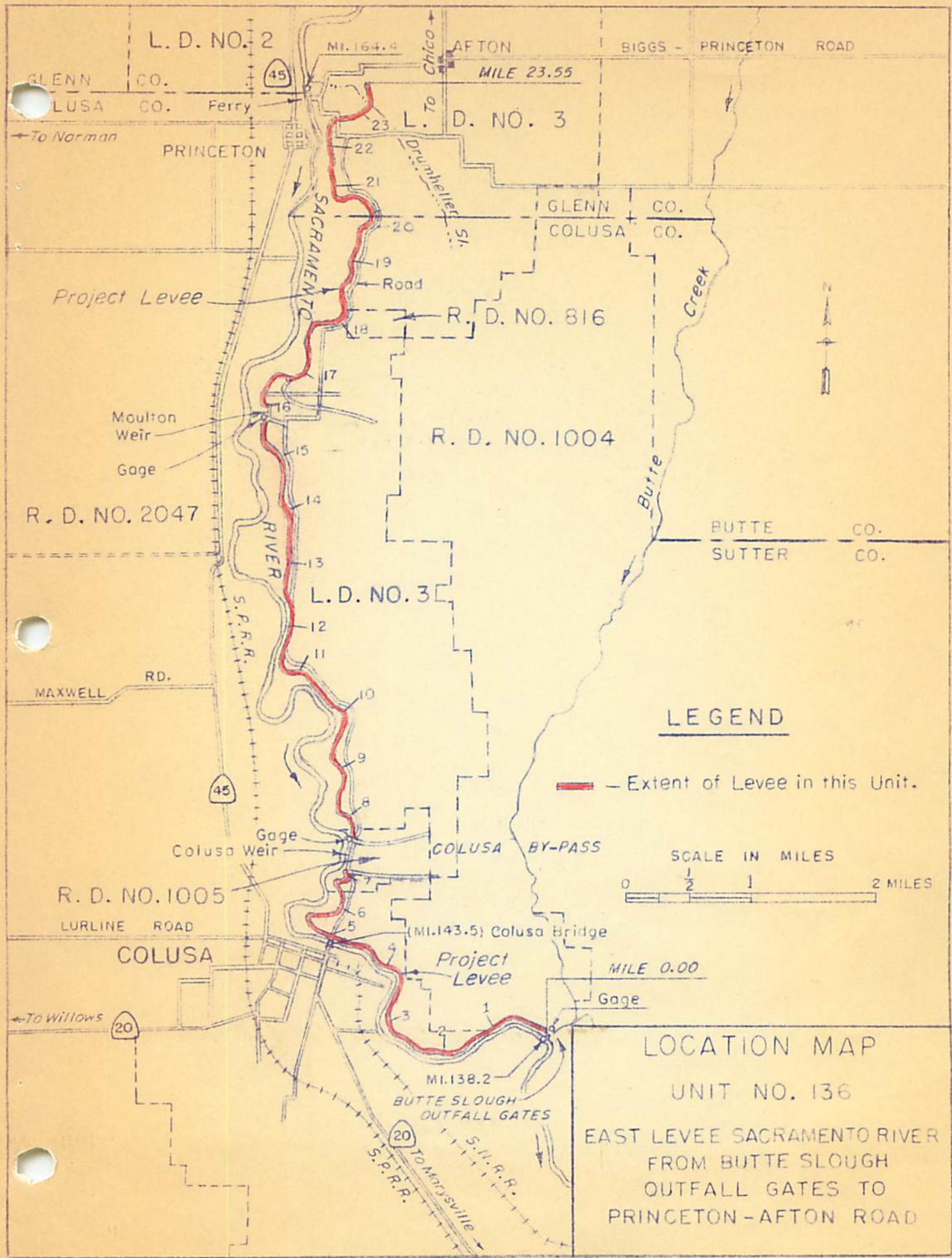
3-01. Repair of Damage. In the event of serious damage to the project works, whether due to flood conditions or other causes, and which may be beyond the capability of local interests to repair, the Superintendent will contact a representative of the Department of Water Resources, State of California 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



L. D. NO. 2

MI. 164.4

AFTON

BIGGS - PRINCETON ROAD

GLENN CO.  
LUSA CO.

Ferry

MILE 23.55

L. D. NO. 3

PRINCETON

To Norman

GLENN CO.  
COLUSA CO.

Project Levee

R. D. NO. 816

Moulton Weir  
Gage

R. D. NO. 1004

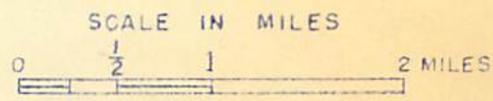
R. D. NO. 2047

BUTTE CO.  
SUTTER CO.

L. D. NO. 3

**LEGEND**

— - Extent of Levee in this Unit.



R. D. NO. 1005

Colusa Weir  
Gage

COLUSA BY-PASS

LURLINE ROAD

COLUSA

(MI. 143.5) Colusa Bridge

Project Levee

MILE 0.00

Gage

To Willows

**LOCATION MAP**

UNIT NO. 136

EAST LEVEE SACRAMENTO RIVER  
FROM BUTTE SLOUGH  
OUTFALL GATES TO  
PRINCETON-AFTON ROAD

MI. 138.2  
BUTTE SLOUGH  
OUTFALL GATES

S.P.R.R.  
To Marysville

EXHIBIT B

"AS CONSTRUCTED"  
DRAWINGS

See separate folder for the following drawings:

| <u>File No.</u> | <u>Title</u>  |
|-----------------|---|
| 50-4-1297       | East Levee Sacramento River at Moulton Weir, 1 sheet  |
| 6-4-1228-1      | Setback Levee at Northerly end of Colusa Weir, 1 sheet  |
| 50-4-1410-1     | East Levee Sacramento from Butte Slough to Colusa Bridge, in 3 sheets                                   |
| 50-4-1444       | East Levee Sacramento between Colusa and Butte Slough, in 1 sheet                                       |
| 50-4-1514-3     | East Levee Sacramento River between Moulton Weir and Colusa Bridge, in 3 sheets                         |
| 50-4-1507-1     | Moulton Weir to Princeton-Butte City Road, in 5 sheets  |
| 6-4-1413        | East Levee One Mile below Moulton Weir, 1 sheet   |
| 50-4-1582-1     | East Levee between Colusa Weir and Moulton Weir, 1 sheet  |
| 6-4-1432        | Mile 154.0 (L) Sartain Ranch, 1 sheet   |
| 6-4-1414        | Mile 152.3 (L) at Beckleys, 1 sheet   |
| 50-4-2216       | East Levee Sacramento River from Moulton Weir to Princeton-Butte City Road, 1 sheet                     |
| 50-4-2530       | Levee Enlargement and Bank Protection, Mile 153.4 (L),  |
| 50-4-2532       | Mile 149.8 (L) at Graham's Ranch, 1 sheet   |
| 50-4-2533       | Mile 149.3 (L) Farnsworth Pump, 1 sheet   |
| 50-4-3510       | Levee Construction, Left Bank Sacramento River, Vicinity of Colusa Bridge to Moulton Weir, in 19 sheets |
| 6-6-2059        | Channel Clearing - Colusa to Butte City<br>in 5 sheets.   |

Additional drawings of cross-sections, structures and miscellaneous facilities are available in the Office of the District Engineer.

|           |   |
|-----------|---|
| 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).      |
| 50-4-4118 | Bank protection various locations left bank Sacramento and American Rivers, right and left banks Feather River and Elder Creek, in 12 sheets. |
| 50-4-4078 | Bank Protection Various Locations Right and Left Banks Sacramento River and Feather River, in 29 sheets.                                      |
| 50-4-4179 | Bank Protection, Various Locations, Right and Left Banks, Sacramento River and Elder Creek, in 20 sheets                                      |
| 50-4-4339 | Bank Protection, Various Locations, Right and Left Banks, Sacramento River between Colusa and Boyers Bend, in 32 sheets                       |

low

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.

50-4-4892 Bank Protection, Various Locations, on Sacramento and Bear River and Elder Creek, in 20 sheets.

50-4-5438 Bank Protection, Various Locations, Right and Left Banks, Sacramento River Mile 110.0 to Mile 184.0, in 33 sheets.

Ref. no. 1001-G-1 PL 84-99 Levee Rehabilitation Repairs, CY2007, Order 3 – 5 Sites, Levee District 3, Colusa County, California, in 6 sheets.

50-4-5758 Bank Protection- Contract 40A, Sacramento River Mi. 132.4 to Mi. 179.5

50-4-5806 Bank Protection- Contract 42A, Sacramento River Mi. 88.8L to Mi. 143.3L

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,  
CHANNELS AND STRUCTURES

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

CHECK LIST NO. 2  
UNIT NO. 136

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 levee 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 gulying of the section has occurred.
- Item (c) If sufficient erosion or gulying of bank 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. 136

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 or 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 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. 136

Inspector's Report Sheet No. \_\_\_\_\_

Inspector \_\_\_\_\_

Date \_\_\_\_\_

Superintendent \_\_\_\_\_

| (a)                             | (b)  | (c)  | (d)  | (e)  | (f)  | (g)   | (g)      |
|---------------------------------|------|--|--|--|--|---|----------|
| Location<br>By Levee<br>Mileage | Bank | Debris or<br>other<br>obstruction<br>to flow | Damage or<br>settlement<br>of pipe or<br>conduit | Consition of<br>concrete<br>headwall or<br>invert paving | Condition of<br>right-of-way<br>adjacent to<br>structure | Repair<br>Measures<br>Taken since<br>Last<br>Inspection | Comments |
| 0.44                            | Lt.  |  |  |  |  |   |          |
| 0.53                            | "    |  |  |  |  |   |          |
| 0.53                            | "    |  |  |  |  |   |          |
| 1.10                            | "    |  |  |  |  |   |          |
| 1.38                            | "    |  |  |  |  |   |          |
| 1.84                            | "    |  |  |  |  |   |          |
| 2.01                            | "    |  |  |  |  |   |          |
| 2.49                            | "    |  |  |  |  |   |          |
| 2.66                            | "    |  |  |  |  |   |          |
| 3.25                            | "    |  |  |  |  |   |          |
| 3.33                            | "    |  |  |  |  |   |          |
| 3.60                            | "    |  |  |  |  |   |          |
| 3.78                            | "    |  |  |  |  |   |          |
| 3.78                            | "    |  |  |  |  |   |          |
| 3.99                            | "    |  |  |  |  |   |          |
| 4.01                            | "    |  |  |  |  |   |          |
| 4.37                            | "    |  |  |  |  |   |          |
| 4.37                            | "    |  |  |  |  |   |          |
| 4.58                            | "    |  |  |  |  |   |          |

CHECK LIST NO. 4

DRAINAGE AND IRRIGATION STRUCTURES

UNIT NO. 136

Inspector's Report Sheet No. \_\_\_\_\_ Inspector \_\_\_\_\_

Date \_\_\_\_\_ Superintendent \_\_\_\_\_

| (a) Location<br>By Levee<br>Mileage | (b) Bank | (c) Debris or<br>other<br>obstruction<br>to flow | (d) Damage or<br>settlement<br>of pipe or<br>conduit | (e) Condition of<br>concrete<br>headwall or<br>invert paving | (f) Condition of<br>right-of-way<br>adjacent to<br>structure | (g) Repair<br>Measures<br>Taken Since<br>Last<br>Inspection | (h) Comments |
|-------------------------------------|----------|--|--|--|--|---|--------------|
| 13.92                               | It.      |  |  |  |  |   |              |
| 14.30                               | "        |  |  |  |  |   |              |
| 14.50                               | "        |  |  |  |  |   |              |
| 14.55                               | "        |  |  |  |  |   |              |
| 15.46                               | "        |  |  |  |  |   |              |
| 16.29                               | "        |  |  |  |  |   |              |
| 16.42                               | "        |  |  |  |  |   |              |
| 17.30                               | "        |  |  |  |  |   |              |
| 17.60                               | "        |  |  |  |  |   |              |
| 18.22                               | "        |  |  |  |  |   |              |
| 18.65                               | "        |  |  |  |  |   |              |
| 18.74                               | "        |  |  |  |  |   |              |
| 19.24                               | "        |  |  |  |  |   |              |
| 19.61                               | "        |  |  |  |  |   |              |
| 20.05                               | "        |  |  |  |  |   |              |
| 21.89                               | "        |  |  |  |  |   |              |
| 22.00                               | "        |  |  |  |  |   |              |
| 22.30                               | "        |  |  |  |  |   |              |
| 22.82                               | "        |  |  |  |  |   |              |
| 23.19                               | "        |  |  |  |  |   |              |
| 23.43                               | "        |  |  |  |  |   |              |

CHECK LIST NO. 4

DRAINAGE AND IRRIGATION STRUCTURES

UNIT NO. 136

Inspector's Report Sheet No. \_\_\_\_\_ Inspector \_\_\_\_\_

Date \_\_\_\_\_ Superintendent \_\_\_\_\_

| (a) Location<br>By Levee<br>Mileage | (b) Bank | (c) Debris or<br>other<br>obstruction<br>to flow | (d) Damage or<br>settlement<br>of pipe or<br>conduit | (e) Condition of<br>concrete<br>headwall or<br>invert paving | (f) Condition of<br>right-of-way<br>adjacent to<br>structure | (g) Repair<br>Measures<br>Taken since<br>Last<br>Inspection | (h) Comments |
|-------------------------------------|----------|--|--|--|--|---|--------------|
| 4.99                                | Lt.      |  |  |  |  |   |              |
| 4.99                                | "        |  |  |  |  |   |              |
| 5.00                                | "        |  |  |  |  |   |              |
| 5.01                                | "        |  |  |  |  |   |              |
| 5.21                                | "        |  |  |  |  |   |              |
| 5.39                                | "        |  |  |  |  |   |              |
| 6.05                                | "        |  |  |  |  |   |              |
| 6.61                                | "        |  |  |  |  |   |              |
| 6.75                                | "        |  |  |  |  |   |              |
| 7.61                                | "        |  |  |  |  |   |              |
| 7.73                                | "        |  |  |  |  |   |              |
| 7.86                                | "        |  |  |  |  |   |              |
| 8.05                                | "        |  |  |  |  |   |              |
| 8.34                                | "        |  |  |  |  |   |              |
| 8.35                                | "        |  |  |  |  |   |              |
| 8.55                                | "        |  |  |  |  |   |              |
| 8.59                                | "        |  |  |  |  |   |              |
| 8.67                                | "        |  |  |  |  |   |              |
| 8.70                                | "        |  |  |  |  |   |              |
| 8.74                                | "        |  |  |  |  |   |              |

CHECK LIST NO. 4

DRAINAGE AND IRRIGATION STRUCTURES

UNIT NO. 136

Inspector's Report Sheet No. \_\_\_\_\_ Inspector \_\_\_\_\_

Date \_\_\_\_\_ Superintendent \_\_\_\_\_

| (a)                             | (b)  | (c)  | (d)  | (e)  | (f)  | (g)   | (h)      |
|---------------------------------|------|--|--|--|--|---|----------|
| Location<br>By Levee<br>Mileage | Bank | Debris or<br>other<br>obstruction<br>to flow | Damage or<br>settlement<br>of pipe or<br>conduit | Condition of<br>concrete<br>headwall or<br>invert paving | Condition of<br>right-of-way<br>adjacent to<br>structure | Repair<br>Measures<br>Taken since<br>last<br>Inspection | Comments |
| 8.78                            | Lt.  |  |  |  |  |   |          |
| 9.40                            | "    |  |  |  |  |   |          |
| 9.77                            | "    |  |  |  |  |   |          |
| 10.27                           | "    |  |  |  |  |   |          |
| 10.47                           | "    |  |  |  |  |   |          |
| 10.53                           | "    |  |  |  |  |   |          |
| 10.57                           | "    |  |  |  |  |   |          |
| 10.68                           | "    |  |  |  |  |   |          |
| 10.99                           | "    |  |  |  |  |   |          |
| 11.50                           | "    |  |  |  |  |   |          |
| 11.81                           | "    |  |  |  |  |   |          |
| 12.05                           | "    |  |  |  |  |   |          |
| 12.09                           | "    |  |  |  |  |   |          |
| 12.42                           | "    |  |  |  |  |   |          |
| 12.49                           | "    |  |  |  |  |   |          |
| 12.55                           | "    |  |  |  |  |   |          |
| 12.73                           | "    |  |  |  |  |   |          |
| 12.95                           | "    |  |  |  |  |   |          |
| 13.37                           | "    |  |  |  |  |   |          |

Instructions for Completing Sheets 6 to 9, Exhibit E  
(To be printed on back of Sheets 6 to 9, incl.)

- (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 overflow of the drainage structure and note conditions in Column (f).
- (6) Under Column (g) indicate physical measures that have been taken to correct conditions reported in last inspection, and their condition at time of this inspection.
- (7) Under Column (h) record opinion, if any, of contributory causes for conditions observed, also any observations not covered under other columns.
- (8) A copy of the inspector's report is to be mailed to the District Engineer immediately on completion, and a record copy shall be attached to the Superintendent's semi-annual report.

EXHIBIT F

LETTER OF TRANSFER TO  
THE STATE RECLAMATION BOARD

EXHIBIT F



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

| <b>Standard O&amp;M Manual Sacramento River Flood Control Project</b> |   |
|---|---|
| <b>Unit No.</b>   | <b>Project Name</b>   |
| 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**

| <b>Unit No.</b> | <b>Project Name</b>  |
|-----------------|--|
| 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   |



DEPARTMENT OF THE ARMY  
U.S. Army Engineer District, Sacramento  
Corps of Engineers  
1325 J Street  
Sacramento, California 95814-2922

REPLY TO  
ATTENTION OF

JAN - 4 2011

Flood Protection and Navigation Section

Mr. Jay Punia, Executive Officer  
Central Valley Flood Protection Board  
3310 El Camino Avenue, Room 151  
Sacramento, California 95821

Dear Mr. Punia:

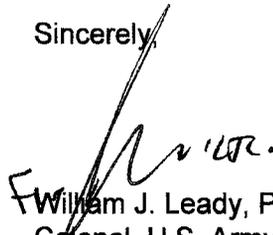
The U.S. Army Corps of Engineers has completed a portion of work under PL 84-99, Flood Control and Coastal Emergencies (FCCE) (33 U.S.C. 701n) (69 Stat. 186) for emergency management activities. Repairs were made to rehabilitate various sites within Levee District 3. Additional information about the repair and location of the sites may be found in the document titled, "Project Information Report (PIR) for PL 84-99 Levee Rehabilitation, East Levee of Sacramento River, Colusa County Order 3 sites", dated August 10, 2007.

The rehabilitation work meets the requirements of the existing Operation and Maintenance Manuals (O&M) and enclosed revisions. The subject flood damage reduction project is considered complete as of the date of this letter. The repairs were completed under Contract Number W91238-08-D-0016, Task Order Number 2. As-constructed drawings and revisions to the Operation and Maintenance Manual are enclosed. The Central Valley Flood Protection Board shall continue to operate and maintain the completed Rehabilitation Effort as part of the project.

If you have any questions regarding this project, please contact Ms. Paige Caldwell (916) 557-6919 or Ms. Christy Jones (916) 557-7107, Readiness Section. If you have any questions regarding this transfer, please contact Ms. Meegan Nagy at (916) 557-7257 or Mr. Robert Murakami at (916) 557-6738, Flood Protection and Navigation Section.

A copy of this letter is being furnished to Levee District 3, P.O. Box 41, Butte City, CA 95920.

Sincerely,

  
William J. Leady, P.E.  
Colonel, U.S. Army  
District Commander

Enclosure

Unit 138

Flood Protection and Navigation Section

cc: CESPCK-CO-E (Jones)

MURAKAMI *JM*

LARSON *RJL*

NAGY *MAW*

CALDWELL *SPC*

OLSEN *NO*

MAHONEY *Emor*

FAUSTINO *#*

MULLINS

LEADY

\\spk-netapp1\COOPublic\FP&Nav\ICW\Transfer Letters\LD-3\W91238-08-D-0016 T.O.  
2\Transfer Letter Unit 136 - W91238-08-D-0016.doc

**THE RECLAMATION BOARD**

1416 Ninth Street, Room 1148

Sacramento, CA 95814-5509

(916) 653-5434 FAX: (916) 653-9745

Permits: (916) 653-5726 FAX: (916) 653-5805



MAR 31 1995

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

Dear Colonel Reese:

This is in reference to your January 13, 1995 letter regarding the completed Sacramento River Bank Protection Project work for Contract 42A at River Miles 88.8, Right Bank, 89.0R (the downstream 1,450-foot portion), 111.2R, 111.7R, 116.7R, 121.6L, and 143.3L. At its March 17, 1995 meeting, The Reclamation Board formally accepted the completed flood control work from the U.S. Army Corps of Engineers and transferred the responsibility for operation and maintenance to the local agencies.

The work consisted of clearing and grubbing; excess soil excavation; placement of stone protection, embankment material, stone fill, and fish groins; and miscellaneous site work.

We concur that the above Contract 42A sites were constructed in conformance with Contract No. DACW05-94-C-0044, Specification Number 8385, and Drawing File Number 50-4-5806, as could be determined visually. Attached are copies of the letters to local agencies notifying them about the completed work and their responsibilities for operation and maintenance.

If you have any questions, please contact me at (916) 653-5434 or have your staff contact Jay Punia at (916) 327-1535 or Michael Petersen at (916) 327-1533.

Sincerely,

A handwritten signature in dark ink, appearing to read "Raymond E. Barsch".

Raymond E. Barsch  
General Manager

Attachments

Units 127, 130, 133, 136

January 13, 1995

Navigation and Flood Control Unit

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

Members of the Board:

You are hereby notified that the Corps of Engineers has completed first construction season work on the Sacramento River Bank Protection Project, Contract 42A, at River Miles 88.8R, 89.0R (The downstream 1450 feet portion of 89.0R), 111.2R, 111.7R, 116.7R, 121.6L, and 143.3L, in Colusa, Sutter and Yolo counties, California. The work consisted of clearing and grubbing, excess excavation, placement of stone protection, embankment material, stone fill, removal and reinstallation of wood piles, and miscellaneous site work. The work was completed on November 16, 1994, in accordance with Contract Number DACW05-94-C-0044, Specification Number 8385, and Drawing File Number 50-4-5806. Work to be completed during the second construction season, beginning in May 1995 is located at Site Miles 89.0R, 90.2R, 90.8R, 94.5R, and 101.7R.

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

This work and any special operation and maintenance requirements will be added by amendment to the Operation and Maintenance Manual, supplement numbers 127, 130, 133, and 136

*Units 127, 130, 133, 136*

Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

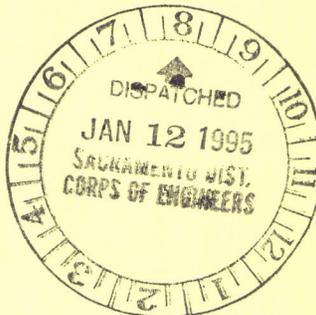
Sincerely,

John N. Reese  
Colonel, Corps of Engineers  
District Engineer

Copies Furnished:

Department of Water Resources, ATTN: D. Yeoman, 3201 S Street,  
Sacramento, California 95816-7017  
Department of Water Resources, ATTN: G. Qualley, 1416 Ninth  
Street, Sacramento, California 95814  
CDR, SPD, ATTN: CESP-CD-0  
CDR, USACE, ATTN: DAEN-CECW-OM

cc:  
Central Valley Sec (Pearson)  
PPMD Prog Mgmt Br  
F&A Br  
Valley Res Ofc  
CT



*[Signature]*  
TAVANA/ms

*[Signature]*  
VESELY

*[Signature]*  
HOLMBERG

*[Signature]*  
WINTON

*[Signature]*  
DENNIS

*[Signature]*  
NOLAN

*[Signature]*  
STUHR



*Units  
1271/201  
1331/206*

*[Signature]*  
REESE  
LU\WPMT\SACTORIV.TRF

**CERTIFIED**

December 21, 1987

No. 78975  
RETURN RECEIPT REQUESTED

Navigation and Flood Control Unit

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

*not*

Members of the Board:

This is in regard to the joint inspection of December 1, 1987, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 40A), to the State of California for operation and maintenance. The flood control work consists of bank sloping and placement of stone protection on the Sacramento River right bank at Site Miles 147.7, 174.0, 176.2, 176.8 and 177.3; and left bank at Site Miles 132.4, 134.8, 135.4, 137.5, 144.7, 156.1, 159.3 and 159.8.

(1145)

*12-23*  
ROMPALA/dc

The work was completed on December 18, 1987, in accordance with Contract Number DACW05-86-C-0095, Specification Number 7875 and Drawing Number 50-4-57

*RK*  
KELLY

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (PL 86-645, July 14, 1960), and Section 2304(a), Title 10, and the Water Resources Development Act of 1986 (PL 99-662, October 17, 1986), and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous, thereto, is transferred as of December 21, 1987 to the State of California for operation and maintenance.

*[Signature]*  
A. SMITH

*[Signature]*  
HELM

*[Signature]*  
FAST

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 134, 136, 137 and 140, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

*[Signature]*  
DENNIS

cc:  
Flood Control Unit  
Civ Des Sec D (Pahl)  
Prog Dev  
F&A Br  
Valley Res Ofc  
>C-0 Div  
Reading

Sincerely,

*[Signature]*  
CZARZASTY

*[Signature]*  
SCHOLL

Wayne J. Schell  
Colonel, Corps of Engineers  
District Engineer  
DEC 21 1987  
DISPATCHED

WANG #8708a

Copies Furnished:

DWR, ATTN: G. Snow  
DWR, ATTN: G. Qualley  
Commander, South Pacific Division, ATTN: CESP-D  
Commander, USACE, ATTN: DAEN-CECW-OM

*11/17/85  
134/136/1  
137/140*

DEPARTMENT OF WATER RESOURCES  
THE RECLAMATION BOARD

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



DEC 31 1981

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

Dear Colonel Kavanaugh:

Reference is made to your letter of December 15, 1981, 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 Sites Miles 146.0 and 154.7 Right Bank and Sites Miles 137.3, 142.2 and 159.6 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 18, 1981, formally accepted from the District Engineer, for operation and maintenance, the completed work on the above-referenced sites.

Sincerely,

*David B. Anderson*

FOR  
ELDON E. RINEHART  
General Manager

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

*cy sent to  
Nolan 7 Jan 82  
Valley  
Units 134, 137*





C  
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REPLY TO  
ATTENTION OF SPKCO-0

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

C  
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15 December 1981

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

Members of the Board:

This is in regard to the joint inspection of 10 December 1981, 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 146.0 and 154.7 and left bank at Site Miles 137.3, 142.2 and 159.6. The sites described in the inclosure were completed on 10 December 1981 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 15 December 1981 to the State of California for operation and maintenance.

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplements Nos. 134, 136 and 137 Sacramento River Flood Control Project. Copies will be furnished your Board at a later date.

Sincerely,

1 Incl  
As stated

PAUL F. KAVANAUGH  
Colonel, CE  
District Engineer

Copy furnished: w/Incl  
DWR, ATTN: M. Luttrupp and D. Meixner

EXHIBIT F

SUMMARY OF SACRAMENTO RIVER  
BANK PROTECTION PROJECT  
PORTION OF UNIT 35  
SACRAMENTO RIVER

| <u>SITE MILE</u> | <u>STATION</u> | <u>STONE PROTECTION L.F.</u> |
|------------------|----------------|------------------------------|
| 137.3 left bank  | 22+00 to 31+00 | 900                          |
| 142.2 left bank  | 14+00 to 22+50 | 850                          |
| 159.6 left bank  | 0+00 to 12+00  | 1200                         |
| 146.0 right bank | -0+50 to 22+00 | 2250                         |
| 154.7 right bank | 16+00 to 22+00 | 600                          |

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THE RECLAMATION BOARD  
STATE OF CALIFORNIA

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December 29, 1975

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

Dear Sir:

The Reclamation Board at its regular meeting of December 19, 1975, formally accepted from the District Engineer the completed flood control work on a portion of Unit No. 27 of the Sacramento River Bank Protection Project. The flood control work was transferred to the State of California by your letter of December 11, 1975.

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 152.6 and 153.0 Left Bank, Sacramento River.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-4-4892, Specification No. 4461, and Contract No. DACW 05-75-C-0085, insofar as could be determined visually.

Sincerely,

/s/ P. C. Walters  
P. C. WALTERS  
Chief Engineer and  
General Manager

SPKCO-0

11 December 1975



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

*Jone*

Gentlemen:

Reference is made to the joint inspection of 10 December 1975, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit No. 27) 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 left bank at Site Miles 152.6 and 153.0. The sites, as listed on the inclosure, were completed on 10 December 1975 in accordance with Specification No. 4461, Contract No. DACW05-75-C-0085, Drawing No. 50-4-4892.

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 11 December 1975 to the State of California for operation and maintenance.

*ROMPALA/ph*

This portion of the project work will be added by amendment to the Operation and Maintenance Manual, Supplement No. 136, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

*MGBELDE*

Sincerely yours,

*A. SMETH*

*HENSON*

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

*PROBASCO*

*ROCKWELL*

1 Incl  
As stated

Copy furnished:

→ DWR, ATTN: R. Franson & Carl King

→ OCE

→ SPD

cc:

→ Flood Control Unit

→ Valley Res Ofc

→ Engrg Div (Levees & Channels)  
(Prog & Dev)

→ F & A (Kalal)

*Unit 136*

*Copy to Jik.*

*16 Dec 75*

SUMMARY OF PORTION OF SACRAMENTO  
RIVER BANK PROTECTION UNIT #27

Sacramento River Left Bank

| <u>Site Mile</u> | <u>Stone Protection</u> | <u>L.F.</u> |
|------------------|-------------------------|-------------|
| 152.6            | 39+00 to 42+00          | 300         |
| 153.0            | 3+00 to 36+00           | 3300        |

Unit 27

C  
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THE RECLAMATION BOARD  
STATE OF CALIFORNIA

C  
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Y

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 letter of June 20, 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 114.4, 118.4, 120.1, 134.7, 136.1, 142.7, 145.0, and 147.3 Left Bank, Sacramento River.

The flood control work was constructed in a workmanlike maner and in conformance with Drawing No. 50-4-4777, Specification No. 4251, and Contract No. DACW05-73-C-0059, insofar as could be determined visually.

Sincerely yours,

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

SPKCO-0



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

Gentlemen:

Reference is made to the joint inspection of 3 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 left bank at Site Miles 114.4, 118.4, 120.1, 134.7, 136.1, 142.7, 145.0 and 147.3. The sites, as listed on the enclosure, were completed on 3 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 20 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. 128, 133, 134 and 136 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

*done*

*Units 128,  
133, 134 &  
136*

1 Incl  
As stated

Copy furnished:  
DWR, ATTN: JOHN WRIGHT

OCE  
SPD

*[Signature]*  
ROMPALA/d  
Redac

*[Signature]*  
COLEMAN  
*[Signature]*  
HENSON

*[Signature]*  
MCKINSEY

*[Signature]*  
POTAMOS

*[Signature]*  
ROCKWELL

*y*

Valley Res Ofc  
F & A (Jones)

Engr (Lev & Chan)  
Engr (Prog Dev)

cc:

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

SUMMARY OF PORTION OF SACRAMENTO RIVER  
BANK PROTECTION UNIT NO. 26  
SACRAMENTO RIVER LEFT BANK

| <u>Site Mile</u> | <u>Stone Protection</u> | <u>L.F.</u> |
|------------------|-------------------------|-------------|
| 114.4            | 30+00 to 36+15          | 615         |
| 118.4            | 21+10 to 23+50          | 240         |
| 120.1            | 20+00 to 24+00          | 400         |
| 134.7            | 158+40 to 161+00        | 260         |
| 136.1            | 86+15 to 99+70          | 1355        |
| 142.7            | 10+00 to 13+65          | 365         |
| 145.0            | 3+70 to 11+00           | 730         |
| 147.3            | 36+00 to 44+30          | 830         |
|                  |                         | <u>4795</u> |

Units 128, 133,  
134 + 136

Incl

THE RECLAMATION BOARD  
STATE OF CALIFORNIA

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January 16, 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 December 29, 1972, concerning the transfer to the State of California, for maintenance and operation, a portion of the Sacramento River Bank Protection Project, Unit No. 22.

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 Site Miles 143.8 Right, 142.4 Left, 140.3 Left, 138.5 Left and 138.2 Left, Sacramento River.

The flood control work has been completed and was constructed in a workmanlike manner. This work has been constructed in conformance with Drawing No. 50-4-4586, Specification No. 3924, and Contract No. DACW72-C-0057, insofar as could be determined visually.

The Reclamation Board at its regular meeting of January 12, 1973, formally accepted from the District Engineer for operation and maintenance, the completed work on the above referenced sites.

Sincerely yours,

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

EXHIBIT F

*MS*  
*Clark file*  
SACRAMENTO DISTRICT  
FLOOD CONTROL DISTRICT  
29 December 1972

SPKCO-0

29 December 1972

The Reclamation Board  
State of California  
1416 - 9th Street, Room 1335  
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 levee construction, bank sloping and the placement of stone bank protection on the Sacramento River right bank at Site Mile 143.8 and left bank at Site Miles 142.4, 140.3, 138.5 & 138.2. See Attached list for lineal footage and stationing. The sites were completed on 18 December 1972 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 29 December 1972 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. 134, ~~136~~ and ~~137~~ Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

JAMES C. DONOVAN  
Colonel, CE  
District Engineer

ROMPALA/pp

COLEMAN

HENSON

MCKINSEY

DONOVAN

~~1~~ Incl  
as stated

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

~~OCE~~  
~~SPD~~

cc: ~~Engr Div-Lev & Chan/Engr Div-Prog Dev~~  
~~F&A, Valley Res Ofc~~

*Units 134, 136*

*copy to A. Huber 23 Jan 73*

*Handwritten initials and marks*

SUMMARY OF PORTION OF SACRAMENTO RIVER BANK PROTECTION  
UNIT 22, SACRAMENTO RIVER

RIGHT BANK

| <u>SITE MILE</u> | <u>LEVEE CONSTRUCTION</u> | <u>L.F.</u> | <u>STONE PROTECTION</u>       | <u>L.F.</u> | <u>STONE TOE WALL</u>           | <u>L.F.</u> |
|------------------|---------------------------|-------------|-------------------------------|-------------|---------------------------------|-------------|
| 143.8            | 21+00 to 26+00            | 500         | 7+20 to 35+00<br>0+00 to 1+20 | 2780<br>120 | 7+20 to 11+50<br>16+50 to 22+00 | 430<br>550  |

LEFT BANK

|       |                                     |             |                                     |            |
|-------|-------------------------------------|-------------|-------------------------------------|------------|
| 142.4 | 0+00 to 11+01BK<br>11+02AH to 15+80 | 1101<br>478 | 2+68 to 11+01BK<br>11+02AH to 15+00 | 833<br>398 |
| 140.3 | 21+60 to 33+60                      | 1200        |                                     |            |
| 138.5 | 118+70 to 132+35                    | 1365        |                                     |            |
| 138.2 | 145+40 to 149+00                    | 360         | 145+40 to 148+50                    | 310        |

136

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

SPKCO-0

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. DACW05-70-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 C. DONOVAN  
Colonel, CE  
District Engineer

1 Incl  
as stated

Copy furnished:  
DWR, ATTN: John Wright

QAEN-CWO  
SPD

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

*Mc*  
ROMPALA/p

*COLEMAN*  
COLEMAN

*HEMSON*  
HEMSON

*DONOVAN*  
DONOVAN

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

*Copies to Goodnight, Adams & Hiler 25 Nov 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>LEEVE 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*

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THE RECLAMATION BOARD  
STATE OF CALIFORNIA

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December 17, 1970

File No: 4130.60.304  
Your contract 70-C-0049

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

Dear Sir:

Reference is made to your letter of November 16, 1970, concerning transfer to the State of California of a portion of the Sacramento River Bank Protection Project (Unit No. 17) for maintenance and operation. The transferred sites were as follows:

Sacramento River

Mile 114.3, Left Bank  
Mile 117.7, Left Bank  
Mile 123.0, Left Bank  
Mile 125.3, Left Bank  
Mile 136.6, Left Bank  
Mile 140.5, Left Bank

This work was constructed in conformance with specification No. 3406, Contract No. DACW05-70-C-0049, Drawing No. 50-4-4339 and the work to be done on Sacramento River, Left Bank.

The Reclamation Board at its meeting of December 3, 1970, formally accepted the above-referred to work for operation and maintenance.

Sincerely yours,

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

EXHIBIT F

SPKCO-0

26 September 1969

The Reclamation Board  
State of California  
1416 - 9th Street, Room 1333  
Sacramento, California 95814

Gentlemen:

Reference is made to your letter dated 13 January 1969 and to subsequent joint inspections pertaining to the Sacramento River Bank Protection Project (Unit #13), for the purpose of transferring this work to the State of California for operation and maintenance.

The remaining work on the three pumps at Stations 34+64, 43+37 & 82+31, at Site Mile 139.55 on the Sacramento River left bank was completed on 22 September 1969, in accordance with Specification No. 3369, Contract No. DACW03-68-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. Therefore the said work is transferred to the State of California for operation and maintenance.

Sincerely yours,

GEORGE B. SKINNER  
Lieutenant Colonel, CE  
Acting District Engineer

*RK*  
ROMPALA/P

*YH*  
COLEMAN  
*MD*

*[Signature]*  
HENSON

*[Signature]*  
HART

Copy furnished:

*[checkmark]* DWR

*[checkmark]* OCE

*[checkmark]* SPD

*[checkmark]* cc:

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

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

*Unit 136*

*[Signature]*  
SKINNER  
*26 Sept 69*

*To OSBURN/HUMBLE 7NOV69*

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The Reclamation Board  
State of California

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JAN 13 1969  
4130.60.303

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

Dear Sir:

Reference is made to your letter of December 26, 1968 concerning transfer to the State of California of a portion of the Sacramento River Bank Protection Project, Unit No. 13, consisting of Sites Mile 139.55 and 140.72, left bank, Sacramento River for maintenance and operation.

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

The Reclamation Board, at its meeting of January 10, 1969, formally accepted the completed portions of this work. The work accepted consists of the levee setback, stone protection, and rock toe wall throughout the entirety of the two sites. Not accepted were the three irrigation pumps located at Stations 34+64, 43+37 and 82+31 on Site Mile 139.55. These could not be accepted because at this time the installations have not been completed nor tested.

Sincerely yours,

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

EXHIBIT F

SPKCG-9

26 December 1968



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

Gentlemen:

Reference is made to the joint inspection of 5 December 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 setback; bank sloping; and placement of stone bank protection on the Sacramento River left bank at Site Miles 139.55 and 140.72, is listed on the inclosure. The work was completed on 5 December 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, and now meets the requirements of the Sacramento River Bank Protection Project. 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 Manual, Supplement No. 136, Sacramento River Flood Control Project. Copies will be furnished you office at a later date.

Sincerely yours,

GEORGE B. SKINNER  
Lieutenant Colonel, CE  
Acting District Engineer

*R*  
ROMPALA

*EC*  
COLEMAN

*MB*  
HENSON

*DR*  
DART

*SK*  
SKINNER

*✓* Incl  
as stated

Copy furnished:

*✓* DWR

*✓* O.C.E.

*✓* S.P.D.

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

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

*Unit 130*

*Copy to Alice & Jennifer  
Hester  
2 Jan 69*

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

| <u>LEVEE UNIT</u><br><u>SITE MILE</u> | <u>LEVEE SETBACK</u> |             | <u>STONE PROTECTION</u> |             | <u>ROCK TOE WALL</u> |             |
|---------------------------------------|----------------------|-------------|-------------------------|-------------|----------------------|-------------|
|                                       | <u>STATION</u>       | <u>L.F.</u> | <u>STATION</u>          | <u>L.F.</u> | <u>STATION</u>       | <u>L.F.</u> |
| 139.55                                |                      |             | 32+97 to 104+75         | 6178        | 34+10 to 35+90       | 180         |
|                                       |                      |             |                         |             | 35+25 to 39+20       | 395         |
|                                       |                      |             |                         |             | 78+80 to 79+65       | 85          |
|                                       |                      |             |                         |             | 80+20 to 84+55       | 435         |
|                                       |                      |             |                         |             | 84+80 to 87+00       | 220         |
|                                       |                      |             |                         |             | 87+20 to 88+60       | 140         |
|                                       |                      |             |                         |             | 95+75 to 99+50       | 375         |
| 140.72                                | 1+00 to 17+50        | 1650        | 2+73 to 15+60           | 1287        | 3+50 to 4+30         | 80          |
|                                       |                      |             |                         |             | 8+30 to 10+80        | 250         |
|                                       |                      |             |                         |             | 14+60 to 15+12       | 52          |

7465

*Unit 13b*

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THE RECLAMATION BOARD  
State of California

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January 10, 1968

4130.60.203

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

Dear Sir:

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

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

Sincerely yours,

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

EXHIBIT F

13D

RONALD REAGAN, Governor  
EDMUND G. BROWN, Governor

STATE OF CALIFORNIA—RESOURCES AGENCY

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 & VANCEY.  
7 MAR 67 JK.*

THE RECLAMATION BOARD  
State of California  
January 11, 1966

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

Dear Sir:

Reference is made to your letter of November 29, 1965, concerning transfer to the State of California of the Sacramento River Bank Protection Project, Contract 14, ten sites between Sacramento and Gerber, in accordance with Specification No. 3283.

The Reclamation Board, at its meeting of January 6, 1966, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

/s/ A. E. McCollam  
A. E. MCCOLLAM  
General Manager

SPIGO-F

29 November 1965

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

Gentlemen:

Reference is made to the joint inspections made on 17 & 19 November 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, consisting of levee enlargement, levee set-back, shaping and placement of bank protection at 4 locations on Elder Creek near Highway U.S. 99W; one location on the Sacramento River at Hamilton Bend, three locations on the Feather River near Nicolaus and one location near the Gridley Bridge, and one location on the American River downstream from the "H" Street Bridge, as listed on the attached inclosure, was completed on 19 November 1965, in accordance with Specification No. 3283, Contract No. DA-04-167-CIVENG-66-28 and Drawing No. 50-4-4118.

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 Nos. 118-Elder Creek, 136, 141 and 152-Sacramento River Flood Control Project, and furnished your office at a later date.

Sincerely yours,

ROBERT E. MATHE  
Colonel, CE  
District Engineer

1 Incl  
Summary Sheet

CERTIFIED MAIL

Copy furnished: RETURN RECEIPT REQUESTED  
Dept Water Resources w/incl

cc: Lev & Chan; Prog Dev; Valley Res;  
F&A (ATTN: C. Cordano)

*Adm*  
  
COLEMAN/I

HENSON

MATHE

*Units  
118-1, 136/141,  
152  
Elder  
Creek  
10/12*

*cont 14*

*1507-55*

*cn*

SUMMARY OF LEVEE UNITS - RIGHT & LEFT BANKS  
 AMERICAN RIVER, SACRAMENTO RIVER, FEATHER RIVER & ELDER CREEK

*Dnt*  
*14*

| LEVEE UNIT SITE MILE | LEVEE ENLARGEMENT | LINEAL FEET | LEVEE SEEPBACK | LINEAL FEET | BANK SLOPING | LINEAL FEET | STONE PROTECTION | LINEAL FEET | RIGHT OR LEFT BANK |
|----------------------|-------------------|-------------|----------------|-------------|--------------|-------------|------------------|-------------|--------------------|
|----------------------|-------------------|-------------|----------------|-------------|--------------|-------------|------------------|-------------|--------------------|

AMERICAN RIVER:

5.84 3+00to18+50 1550 3+00to18+50 1550 Left *118.1*

SACRAMENTO RIVER:

152.47 235+00to244+00 900 236+00to243+00 700 Left *130*

FEATHER RIVER:

6.5 16+00to31+00 1500 16+00to31+00 1500 77+00to86+00 800 78+00to86+00 800 Left *141*  
 7.5 16+00to31+00 1500 16+00to31+00 1500 31+00to32+00 100 16+00to32+00 1600 Left  
 8.6 2+00to10+00 800 2+00to10+00 800 0+00to3+00 300 0+00 to 14+00 1400 Left *152*  
 49.6 3+00to14+00 1100 0+00to3+00 300

ELDER CREEK:

0.56 16+25to22+00 575 16+25to22+00 575 Right  
 1.25 62+60to70+50 790 62+60to70+50 790 Left  
 1.46 62+00to70+00 800 62+00to70+00 800 Right  
 1.85 124+50to131+00 650 124+50to131+00 650 Right

*10/19*

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SPKKO-F

26 October 1965

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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

SP330-C

24 October 1963



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

Gentlemen:

Reference is made to the joint inspection made on 22 October 1963, of flood control work pertaining to the Sacramento River Flood Control Project for the purpose of transferring it to the State of California for operation and maintenance.

The above work designated as Unit No. 670, consists of channel clearing in the Sacramento River at Sites A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, and X, between Colusa and Dutch City, California. This work was completed on 18 October 1963, in accordance with Specification No. 2779, Contract No. DA-C4-167-CIVRAC-63-59 and Drawing No. 6-6-2079.

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.

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 203.10(10) of these regulations, a supplement to the Standard Operation and Maintenance Manual covering the above described unit of work is in process of preparation and will be furnished to you upon completion.

REGISTERED  
RETURN RECEIPT REQUESTED

670

SPMB-C  
The Reclamation Board

24 October 1963

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

Sincerely yours,

F. M. ANDERSON  
ENGINEER ASSISTANT  
IN CHARGE OF THE DISTRICT  
C. R. [unclear] IN THE ABSENCE OF  
Lt Col, [unclear]  
Acting District Engineer

✓ Incl  
F.C. Regulations

Copy furnished:  
Dept Water Resources  
23rd & "H" Streets  
Sacramento, Calif.

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

cc: Engr Div, Lev & Chan  
Engr Div, Prog Dev Br  
F & A Br  
Northern Area Ofc

*TR*  
THOMPSON/TP

*[Signature]*  
TR

## 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*

December 16, 1963

Refer to: 7001.70.301 ✓

*Cont # 63-59*

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

Dear Sir:

Reference is made to your letter of October 24, 1963, concerning transfer to the State of California of channel clearing work in the Sacramento River at sites A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, between Colusa and Butte City, California in accordance with Specification No. 2775.

The Reclamation Board, at its meeting of November 15, 1963, formally accepted the above referred to channel clearing work for operation and maintenance.

Sincerely yours,

*A. E. McCollam*  
A. E. McCOLLAM  
General Manager

HSH:gg

12/23/63  
Copies sent to -  
Barsdale  
Jensen  
Northern Area Ofc.

*Unit 134, 138*

SPKKO-C

30 DEC 1959

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

Unit # 660

Gentlemen:

Reference is made to the joint inspection made on 18 November 1959 of a certain levee unit pertaining to the Sacramento River Flood Control Project for the purpose of transferring it to the jurisdiction of the State of California for operation and maintenance.

The required work, consisting of levee construction, is completed in accordance with Specification No. 2566, Contract No. DA-04-167-CIVENG-60-25 and Drawing No. 50-4-3510. This work is designated as Unit No. 660 and extends along the left bank of the Sacramento River in the vicinity of Colusa Bridge to Moulton Weir.

The levee work described above now meets the requirements of the Sacramento River Flood Control Project. Therefore, said completed levee construction together with the waterway banks contiguous thereto, is hereby transferred to the State of California for 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 a continuous completed levee reach on the left bank of the Sacramento River extending from the vicinity of Colusa Bridge at River Mile 143.3 to Moulton Weir at River Mile 158.4

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.

REGISTERED

RETURN RECEIPT REQUESTED

Unit 136  
#660  
Posted

30 DEC 1959

SPKKO-C  
The Reclamation Board

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, Calif w/o incl

✓ O.C.E. w/o incl  
✓ S?P?D. w/o incl

•c: Engr Div, Levee & Chan Sec w/• incl  
Northern Area Office w/o incl  
✓ Technical Liaison w/o incl

OPERATIONS

|                |          |
|----------------|----------|
| Concurrences   |          |
| Originator     | LHK      |
| Date           | 12/23/59 |
| Dist.          |          |
| Engr.          | 3 Hain   |
| Asst. D.E. (A) |          |
| Asst. D.E. (O) | 2A JMS   |
| Exec. Asst.    |          |
| Com. Hk.       |          |
| Budget         |          |
| Fin. & Acct.   |          |
| Memor.         |          |
| Personnel      |          |
| Office Service |          |
| Const. Opns.   |          |
| Engr'g         | 2 Jgc    |
| R. E.          |          |
| Prntl.         |          |
| Legal          |          |
| Supply         |          |
| Levees         | 1A       |
| Des. Br.       | 2A       |

REGISTERED

2

RETURN RECEIPT REQUESTED

Unit 36  
#660

SP

A. M. BARTON  
CHIEF ENGINEER AND GENERAL MANAGER  
KINGLIND G. BROWN, ATTORNEY GENERAL  
LEGAL ADVISER  
G. F. MELLIN  
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 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:TPB

|              |       |   |
|--------------|-------|---|
| 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                                    |

REGISTERED MAIL  
Return Receipt  
Requested

SPKRO-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. Easterly Levee, Sacramento River:

| <u>Levee Section No.</u> | <u>BA-04-167-eng<br/>Contract No.</u> | <u>Drawing<br/>File No.</u> | <u>River Mile Points.</u> |
|--------------------------|---------------------------------------|-----------------------------|---------------------------|
| 423                      | 1123 ✓                                | 50-4-2918 ✓                 | 97.4 to 97.5              |
| 424                      | 1123 & 1180                           | 50-4-2920 ✓                 | 97.8 to 99.9              |
|                          |                                       | 50-4-3008                   |                           |
| 425                      | 1186                                  | 50-4-3011                   | 103.7 to 103.8            |
| 426                      | 1123 ✓                                | 50-4-2922 ✓                 | 111.5 to 111.95           |
| 427                      | 1186                                  | 50-4-3011                   | 112.55 to 113.42          |
| 428                      | 1123 ✓                                | 50-4-2923 ✓                 | 117.0 to 118.4            |
| 429                      | 1123 ✓                                | 50-4-2924 ✓                 | 139.3 to 140.3            |

Posted  
423 to 433

Letter No. 53

SPKCO-P  
The Reclamation Board

b. Easterly Levee, Sacramento River:

| <u>Levee Section No.</u> | <u>DA-2-167-eng<br/>Contract No.</u> | <u>Drawing<br/>File No.</u> | <u>River Mile Points.</u> |
|--------------------------|--------------------------------------|-----------------------------|---------------------------|
| 430                      | 1123 ✓                               | 50-4-2919 ✓                 | 97.45 to 97.79 } 130      |
| 431                      | 1123 ✓                               | 50-4-2921 ✓                 | 99.55 to 100.6 } 130      |
| 432                      | 1106                                 | 50-4-3011                   | 119.7 to 120.4 } 131      |

The levee sections, No. 430 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 for operation and maintenance.

In addition to the above, recent surveys indicate that the levee section described below also meets the requirements of the Sacramento River Flood Control Project:

| <u>Levee Section No.</u> | <u>Description</u>                                       |
|--------------------------|--|
| 433                      | Easterly Levee-Sacramento River, Mile 94.0 to 94.4 } 128 |

Therefore, said levee section No. 433, together with the waterway bank contiguous thereto, is also hereby transferred to the State of California for 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:

From River Mile 92.9 to 106.95 <sup>128</sup>  
 From River Mile 116.1 to 122.6 <sup>128, 133, 134</sup>  
 From River Mile 123.1 to 143.3 <sup>134, 136</sup>

Westerly Levee, Sacramento River:

From River Mile 99.55 to 101.4 <sup>130</sup>  
 From River Mile 119.2 to 123.8 <sup>131</sup>

423 to 433

SPKCO-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 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,

2 Incl

1. Chart (in 2 sets)
2. F.S. Reg.

Copy furnished:  
State Engineer  
Dept. of Public Works  
Sacramento Calif. w/o incl  
OSH w/o incl  
So. Pac. Divn. Regr. w/o incl

WM. J. ELY  
Col, CE  
District Engineer

cc: Engineering Divn w/o incl  
Sacto. Proj. Off. w/o incl  
C. de Arrieta (2) w/o incl

423 to 433

SPKKO-P 824.3 (Sac. R. FCP)

22 JUL 1952

7/22/52

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

Gentlemen:

Reference is made to letter from this office dated 9 July 1952, wherein it was suggested that a joint inspection be made for the purpose of transferring to the jurisdiction of the State of California, when completed, various units of the Sacramento River Flood Control Project in accordance with the procedure set forth in a letter from this office dated 12 February 1951. Reference is also made to the joint inspection of these units of work which was made on 15 July 1952.

In accordance with the above, you are hereby advised that four of the units mentioned above were completed on 21 July 1952. These completed units are described as follows:

a. Westerly Levee along the Sacramento River, Part "A" of Specification No. 1636, Drawing No. 50-4-2897, near Glenn, Glenn County, California.

- 343 (1) From Mile 165.5 to Mile 167.5 139
- 344 (2) From Mile 168.0 to Mile 174.1 139, 140

b. Easterly Levee along the Sacramento River, Part "B" of Specification 1636, Drawing No. 50-4-2897, near Butte City, Glenn County, California.

- 345 (1) From Mile 164.4 to Mile 168.5 ~~139~~ 138
- 346 (2) From Mile 168.9 to Mile 176.5 ~~139, 140~~ 138

824.3 (Sac. R. FCP) SPK

69

Levee Sections  
343 to 346  
Letter No. 35



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

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

It is to be noted that the sections of levee listed below, including portions of levee on which patrol roads were recently constructed under Part "A" and "B" of Specification No. 1636, were previously transferred to the State of California for operation and maintenance:

a. Westerly levee along the Sacramento River:

- 137, 139 (1) From Princeton (Mile 163.8) to Packers Warehouse, (Mile 165.5). Transferred by letter dated 3 December 1951, under Item c.
- 139 (2) From Mile 167.5 to opposite Packers Lake, Mile 168.0. Transferred by letter dated 3 December 1951, under Item b.
- 140 (3) From Glenn, Mile 174.1 to Sidde Landing, Mile 177.5. Transferred by letter dated 3 December 1951, under Item a.

b. Easterly levee of the Sacramento River:

- 136 (1) From Mile 158.5 (North end Moulton Weir) to Mile 164.4 (Princeton Ferry). Transferred by letters dated 6 February 1945 and 8 December 1951, paragraph b(3) of last letter.
- 138 (2) From Mile 168.5 to Mile 168.9 (at Butte City). Transferred by letter dated 8 December 1951, under Item paragraph b(4).

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 Army pursuant to Section 3 of the Act of Congress, approved 22 June 1936, as amended and supplemented. As provided under paragraph 208.10(10) of these regulations, a maintenance manual covering these units of work is in process of preparation and will be furnished your Board upon completion.

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

FOR THE DISTRICT ENGINEER:

Sincerely yours,

Copy furnished:  
State Engineer

cc: Office Chief of Engrs.  
Engr. Divn. R. Reifsnnyder  
So. Pac. Divn. Engr  
Sacto F. O. Executive Officer  
C de Arrieta

|              |              |
|--------------|--------------|
| Concurrences |              |
| Originator:  |              |
| Date:        | 22 July 1952 |
| Exec. O      | 3            |
| Chief        |              |
| Ad. Asst.    | 2            |
| Chf. Tech    |              |
| Chf. Insp.   |              |
| Office       |              |
| Supv.        |              |
| Oper.        |              |
| Engr'g       |              |
| R. E.        |              |
| Fisc.        |              |
| Pers.        |              |
| Legal        |              |
| Supply       |              |

70

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

EARL WARREN  
GOVERNOR

# THE RECLAMATION BOARD OF THE STATE OF CALIFORNIA

1100 O STREET  
SACRAMENTO 14, CALIFORNIA

A. M. BARTON  
CHIEF ENGINEER AND GENERAL MANAGER  
EDMUND G. BROWN, ATTORNEY GENERAL  
LEGAL ADVISER  
G. F. MELLIN  
ASSISTANT ENGINEER AND APPRAISER  
S. A. HONAKER  
ASSISTANT SECRETARY

April 2, 1952

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

Dear Sir:

1. Reference is made to your letter of 8 December 1951, File SPKKA 824.3 (Sac. Riv. F.C.P.), transferring to The Reclamation Board for operation and maintenance of levees and their contiguous waterway banks as follows:

*Items 51 to 55*

a. Westerly levee of the Sacramento River, 1 to 5 inclusive from Mile 163.8 to Mile 146.4.

*Items 56 and 57*

6 and 7, Mile 146.1 to Colusa Bridge at Mile 143.5 except 320 feet at Mile 144.2 (Colusa Warehouse).

b. Easterly levee of Sacramento River,

*Item 58*

1. From Mile 153.3 to 152.7 (Terrill's Landing southerly 0.6 mi.)

*Item 59*

2. From Mile 149.9 to 149.7 (Graham's)

*Item 60*

3. From Mile 149.4 to 149.0 (Farnsworth Pump to Sailor Bend).

*Item 61*

4. At Colusa Weir.

*Item 62*

5. From Mile 143.3 to 140.2 (Arnold's downstream 3.1 mile).

*Item 63*

6. From Mile 139.3 to 138.2 (Butte Slough Out-fall Gates)

*Item 64*

7. From Mile 138.2 to 137.9 (Marty's pump).

*Item 65*

8. From Mile 136.9 to 134.0 (Meridian Bridge).

*Item 66*

9. From Mile 134.0 to 133.8.

*Item 67*

10. From Mile 133.2 to 132.3.

*Item 68*

11. From Mile 131.8 to 125.9.

*Item 69*

12. From Mile 125.8 to 123.1.

*Item 70*

13. From Mile 122.6 to 122.0.

*129, 135, 133, 134, 136, 137*

*Reaches 2, 12, 13, 20, 21, 22 and 23*

*Items 51 to 76*

*10*

824.3(SAC.F.F.C.P)SPK

4/2/52

District Engineer  
April 2, 1952

- c. Westerly levee of the Sutter By-pass.
- Item 71 — 1. Butte Slough Outfall Gates to Tisdale By-pass.
  - Item 72 and 73 — 2. and 3. - From Tisdale By-pass to Sacramento River.
  - Item 74 — d. North levee of Tisdale By-pass.
  - Item 75 — e. South levee of Tisdale By-pass.
  - Item 76 — f. East levee of Sutter By-pass from the Buttes to Feather River.

2. The West levee of the Sacramento River listed under Item "a" is now maintained by the State of California under "Maintenance Area No. 1" in accord with the provisions of Section 8400 to 8447 of the Water Code of the State of California. The east levee of the Sacramento River listed under Items "b-1" to "b-6" and the east levee of Sutter By-pass under Item "f" together with Sutter and Tisdale By-pass areas, are now maintained by the State of California in accord with Section 8361 of the Water Code. The east levee of the Sacramento River listed under Items "b-7" to "b-13" are now maintained by Reclamation District No. 70. The westerly levee of the Sutter By-pass listed under Item "c-1" is maintained by Reclamation District Nos. 70 and 1660, for the portions within their respective boundaries. Levees listed under Items "c-2", "c-3" and "e" are maintained by Reclamation District No. 1500. Levee listed under Item "d" is maintained by Reclamation District No. 1660.

3. The Sacramento River and its banks are used by the United States for navigation. Numerous jetties and other navigation aids are responsible for much of the present need for bank revetment. Wave wash particularly at low water stages from navigation, has undermined banks and levees. These are a continuing source of bank deterioration and are not connected with any flood control maintenance obligation of the State.

4. Operation of Shasta Reservoir by the United States for purposes other than flood control has already caused insipient failure of many million dollars of completed flood control works. The damage caused by operation of that Reservoir in May 1948, is in the process of repair. The State had, and is cooperating with the Corps of Engineers in this repair and by legislative direction is presenting claims for this cost to the United States. Current and continuing operation of Shasta Reservoir in generation of Federal Power and transportation of water sold by the United States has changed the regimen of the stream so that bank caving particularly in the stretches of the Sacramento River above Colusa, has materially increased. Neither Federal nor State legislation has made maintenance of river banks caused by this Federal operation an obligation of the State.

5. The Reclamation Board formally accepted levees and

Items 51 to 76 12

-3-

District Engineer  
April 2, 1952

their contiguous waterward bank listed under Items "a" and "b" for flood control operation and maintenance on December 18, 1951.

6. There are no contiguous waterway banks other than the adjacent by-pass areas under Items "c", "d", "e" and "f". On December 18, 1951, The Reclamation Board formally accepted the levees covered by these items together with their contiguous by-pass areas subject to the provision that the portion of Item "c-1" now having waterward slopes of three horizontal to one vertical would be rectified by Federal construction. All other levees of the Sutter By-pass are now constructed to waterward slopes of four horizontal to one vertical. The Flood Control Act of December 22, 1944, calls for construction of waterward slopes of four horizontal to one vertical on the Tisdale By-pass levees. The existing section of these levees is ample.

Yours very truly,

THE RECLAMATION BOARD

By 

A. M. BARTON

Chief Engineer and General Manager

AMB:FK

cc: Chief of Engineers  
Washington, D. C.

Division Engineer  
South Pacific Division  
Corps of Engineers, U. S. Army  
P. O. Box 3339, Rincon Annex  
San Francisco, California (19)

State Engineer  
Sacramento, California

Items 51 to 76

2

This copy was  
furnished on  
24 Feb. 1953  
B. de A.

Accepted  
Items

December 18, 1951

The Board accepted the transfer from the Corps of Engineers, in letters of dates listed below, the following reaches of levees and their contiguous waterway banks where applicable for flood control operation and maintenance, as complete and meeting the requirements of the Sacramento River Flood Control Project.

| No.    | Date of Letter | Levee Location   | Remarks  |
|--------|----------------|--|--|
| ①-②    | 1 Dec. 1951    | N. and S. Training*<br>Levees Moulton Weir*                                | Maintained by State  |
| ③-④    | Do             | N. and S. Training*<br>Levees Colusa Weir*                                 | Maintained by State  |
| ⑥      | 3 Dec. 1951    | W. Levee Sacramento<br>River, Mile 177.5<br>Mile 174.1                     | Maintained as Maintenance<br>Area No. 2  |
| ⑨      | 4 Dec. 1951    | E. Levee Yolo By-pass<br>Fremont* Weir to Miner<br>Slough*                 | N. 2 mi. maintained by State.<br>Remainder by local districts.<br>Conditioned upon completion of<br>levee section and no acceptance<br>of banks of Sacramento Deep<br>Water Channel. |
| ⑩<br>⑪ | Do             | N.&S. Levees Sacra-<br>mento By-pass*                                      | Maintained by State. Waterward<br>slopes on 4 to 1 not required.   |
| ⑫<br>⑬ | 6 Dec. 1951    | Back levee Egbert<br>District*   | Maintained by R. D. No. 536  |
| ⑭<br>⑮ | 6 Dec. 1951    | W. Levee Yolo By-pass<br>Lindsey* Slough to<br>Watson Hollow Drain*        | Maintained by R. D. No. 536  |
| ⑰<br>⑱ | Do             | N. Levee Watson<br>Hollow Drain*   | Do   |
| ⑲      | 6 Dec. 1951    | W. Levee Sacramento River<br>Mile 59.0 to Lake Wash-<br>ington Barge Canal | Maintained by R. D. No. 900  |
| ⑳      | Do             | W. Levee Sacramento<br>Riv. Mile 50.8 to 50.5                              | Bank protection contract.<br>Maintained by R. D. No. 765   |

Copy to USED.

①

Accepted Items

No. Date of Letter

Levee Location

Remarks

6 6 Dec. 1951

Levees of Wadsworth Canal\*  
South levees of E. and W.  
Intercepting Canals.

Maintained by State. Water-  
ward slopes on 4 to 1 not  
required.

(12) (13) (14) (15)

7 7 Dec. 1951

Site 2 Part A. W. Levee  
Sacramento River-Mile  
28.5 -Grand Island.

Maintained by R.D. No. 3.  
Completed contract.

= 329

(87-A)

= 331

(89-A)

Site 1, Part B. E. levee  
Sacramento River-Mile 15.0  
Brannan Island.

Maintained by R.D.No. 2067  
Completed contract.

8 8 Dec. 1951

W. levee Sacramento River  
Mile 163.8 to Mile 143.5  
except 320 ft. at Colusa  
Warehouse & Mile 146.1  
to Mile 146.4.

Maintained as Maintenance  
Area No. 1.

(51) (52) (53) (54) (55) (56) (57)

8 Do

E. levee Sacramento River,  
Mile 153.3 to Mile 152.7;  
Mile 149.9 to Mile 149.7;  
Mile 149.4 to Mile 149.0;  
at Colusa Weir; Mile 143.3  
to Mile 140.2; Mile 139.3  
to Mile 138.2.

Maintained by State  
Separate completed contracts.

(58) (59) (60) (61) (62) (63)

8 Do

E. levee Sacramento River  
Mile 138.2 to Mile 137.9;  
Mile 136.9 to Mile 133.8;  
Mile 133.2 to Mile 132.3;  
Mile 131.8 to Mile 125.9;  
Mile 125.8 to Mile 123.1;  
Mile 122.6 to Mile 122.0.

Maintained by R.D.No. 70,  
Completed contracts.

(64) (65) (66) (67) (68) (69) (70)

8 Do

West levee, Sutter By-pass\*

Maintained by R.D.Nos. 70,  
1660, 1500. Condition upon  
completion of remaining  
part to standard section.

(71) (72) (73)

8 Do

North levee Tisdale  
By-pass†

Maintained by R.D.No. 1660.  
Waterward slope of 4 to 1  
not required.

(74)

8 Do

South levee Tisdale  
By-pass†

Maintained by R.D.No. 1500.  
Waterward slope of 4 to 1  
not required.

(75)

8 Do

East levee Sutter  
By-pass\*.

Maintained by State.

(76)

9 Do

W. levee Sacramento River  
Mile 35.15 to 35.86.

Maintained by R.D.No. 150  
(Merritt Island). Completed  
contract bank protection.

(81)

(2)

Accepted Items

| No.                                    | Date of Letter | Levee Location  | Remarks  |
|--|----------------|---|--|
| (91) 10                                | 8 Dec. 1951    | Cross levee Steamboat Slough to Sacramento River.*  | Maintained by R.D. No. 3 (along U.S.spoil bank).   |
| (140) 11                               | Do             | N. levee American River from Jibboom St. Bridge to Sacramento River.  | Maintained by R.D. No. 1000.   |
| (141) 11                               | Do             | E. levee Sacramento River American River to Natomas Cut.  | Maintained by R.D.No. 1000.  |
| (142) 11                               | Do             | E. bank Sacramento River At Moulton Weir.   | Maintained by State.   |
| (143) 11                               | Do             | E. Levee Sacramento River Mile 158.5 to Mile 164.4.   | Maintained partly by State; remainder by Levee District.No. 3, Glenn County, Completed Contract.         |
| (146) 11                               | Do             | W. levee Sacramento River Mile 61.8 to Mile 62.65.  | Maintained by Maintenance Area No. 4. Completed contract.  |
| (147) 11                               | Do             | W. Levee Sacramento River Mile 62.65 to Mile 63.1.  | Maintained by R.D. No. 537 Completed contract.   |
| (148) 11                               | Do             | Sacramento Weir.  | Maintained by State.   |
| (152) 11                               | Do             | Fremont Weir.   | Maintained by State.   |
| (153) (156) (157) 11                   | Do             | W. Levee Sacramento River Mile 87.6 to Mile 88.4; Mile 89.2 to Sycamore Slough  | Maintained by R.D. No. 730 Completed contracts.  |
| (158) 11                               | Do             | W. Levee Sacramento River Mile 100.6 to Mile 101.4  | Maintained by Sacramento River West Side Levee District. Completed contract.                             |
| (160) (161) (162) (163) 11             | Do             | W. Levee Feather River except: 3.31 Mi. North from Nicolaus Bridge; 1400 ft. in Yuba City; from Sta.774+80 to Sta. 1188+00 of "Y.C.H.B" Traverse. | Maintained by Maintenance Area No. 3, Levee Dist. Nos. 1 & 9 of Sutter Co. Recl. Dist.No. 777 and State. |
| (164) 11                               | Do             | E. Levee Sacramento River, Natomas Cut to Feather River   | Maintained by Recl.Dist.No.1001.   |
| (165) (166) (167) (168) (169) (170) 11 | Do             | E. Levee Feather River from mouth to Mile 26.5, except from 2.37 miles of Nicolaus Bridge to Bear River   | Maintained by R.D. Nos. 1001 and 784.  |

Accepted  
Items

| No.  | Date of Letter | Levee Location  | Remarks   |
|--|----------------|---|---|
| (171) (172) 11                                     | 8 Dec. 1951    | Marysville levees from W.P.R.R. at Simmerly Slough E. to Yuba River and from D St. Bridge on Yuba River upstream to Valley Meat Co.                                 | Maintained by Marysville Levee Commission.                            |
| (173) (174) 11                                     | Do             | N. Levee Simmerly Slough from W.P.R.R. to S.P.R.R. and E. Levee Feather River from Simmerly Slough upstream 4.8 miles   | Maintained by R.D. No. 10 Completed contract.                         |
| (175) 11   | Do             | N. Levee Yuba River from back levee of Marysville upstream 1.8 miles  | Maintained by Marysville Levee Commission.                            |
| (176) 11   | Do             | S. Levee Yuba River from S.N.R.R. to S.P.R.R.   | Maintained by R.D. No. 784.   |
| (177) 11   | Do             | N. Levee Bear River from Feather River to W.P.R.R. Interceptor  | Maintained by R.D. No. 784.   |
| (178) 11   | Do             | E. Levee R.D. 784 ( W. Levee W.P.R.R. Interceptor) Bear River to intersection with W.P.R.R. in S $\frac{1}{2}$ Sec. 17, T. 14 N., R. 4 E.                           | Maintained by R.D. No. 784.   |
| (179) (180) 11                                     | Do             | S. Levee American River from 16th St. Bridge to Mayhew except from S.N.R.R. to a point 800 ft. E. of W.P.R.R.   | Maintained by American River Flood Control District.                  |
| (181) (182) (183) (184) (185) (186) (187) (188) 11 | Do             | W. Levee Yolo By-pass from Sacramento* River to Putah Creek except from N. line Cache Cr. Settling Basin to S.N.R.R. & from old Willow Slough pipes south 1.48 mi.* | Maintained by State and R. D. #2035.                                  |
| (190) 11   | Do             | N.&S. levees Willow Slough Interceptor*   | Maintained by State and R. D. No. 2035.                               |
| (191) (192) 11                                     | Do             | N.&S. levees of Putah Creek   | Maintained by State.  |
| (197) (198) 11                                     | Do             | N.&S. levees Sycamore Slough from Sacramento River to Knights Landing Outfall Gates   | Maintained by R.D. 730 and Sacramento River West Side Levee District. |

(21)

Accepted  
Items

| <u>No.</u> | <u>Date of Letter</u> | <u>Levee Location</u> | <u>Remarks</u> |
|------------|-----------------------|-----------------------|----------------|
|------------|-----------------------|-----------------------|----------------|

12 8 Dec. 1951

Five reaches of Ryer Island levee along Miner Slough as follows:

- a. Junction Miner and Sutter Sloughs westerly 5000 feet.
- b. From State Highway Bridge West. 3035 ft.
- c. Spec. 1473, Sta. 53+00 to 64+00 about one mi. No. of Ryde Road. *Mile 29.4 to 29.6*
- d. Spec. 1473, Sta. 0+00 to 12+00 being 600 ft. each side of Ryde Road. *Mile 30.4 to 30.6*
- e. Ryer Island cut-off levee beginning at east bank of Cache Slough and extending upstream 3,300 feet at junction of Cache and Miner Sloughs.

Maintained by R.D. No. 501. All are completed separate contracts.

Covered by letter dated 16 Nov. 1951

321 → (79A)

303 Covered by letter dated

(53A)

304 17 Nov. 1951

(54A)

(23)

(50)

\*No waterway banks contiguous to these levees.

RECEIVED MAIL  
Receipt Receipt  
Requested

Letter No. 12

12

SPKKA 824,3(Sac. Riv. F.C.P.)

8 DEC 1951

The Reclamation Board  
State of California  
1100 "G" Street  
Sacramento 16, California

Gentlemen:

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

The levee reaches in question are located as follows:

140. a. Northerly levee of the American River from Jibboom Street Bridge to Sacramento River. 118.2 (P)

b. Easterly levee of the Sacramento River.

Reach 15 ✓ 141. (1) American River to Natones Out. 60.25 to 79.0 124

Reach No. 11 ✓ 142. (2) At Moulton Weir. (man 2) 154

✓ 143. (3) Mile 158.5 (North End Moulton Weir) to Mile 164.4 (Princeton Ferry). (man 2) ? 134

✓ 144. (4) Mile 168.5 to Mile 168.9 (at Butte City). (man 2) ? 138

c. Westerly levee of the Sacramento River.

✓ 145. (1) Mile 59.9 to Mile 60.75. 116

✓ 146. (2) Mile 61.8 to Mile 62.65 (at Drye Bend) 116

62.65

Accepted by letter dated 9 March 1953

Reach No. 11

Letter 12 Items 140 to 198

12

SPKRA 024,8 (Sac. Riv. F.C.P.)  
The Reclamation Board

Letter No. 12

12

c. Westerly levee of the Sacramento River, (cont'd)

- ✓ 147. (8) Mile 62.65 to Mile 63.1 (South End Sacramento Weir). 116
- ✓ 148. (4) At Sacramento Weir. 158
- ✓ 149. (5) Mile 65.5 (North End Sacramento Weir) to Mile 67.11. 122
- ✓ 150. (6) Mile 68.42 to Mile 70.9. 122
- ✓ 151. (7) Mile 76.5 to Mile 81.7 (East End Fremont Weir). 123
- ✓ 152. (8) Along Fremont Weir. 157
- ✓ 153. (9) Mile 84.0 (West End Fremont Weir) to Mile 85.3. 128
- ✓ 154. (10) Mile 85.5 to Mile 85.9. 128
- ✓ 155. (11) Mile 87.6 to Mile 88.4. 128
- ✓ 156. (12) Mile 89.2 to Mile 89.8 (Knights Landing Highway Bridge). 128
- ✓ 157. (13) Mile <sup>89.2</sup> 89.8 (Knights Landing Highway Bridge) to Sycamore Slough. 89.9 128
- ✓ 158. (14) Mile <sup>100.6</sup> 100.6 to Mile 101.4. 128
- ✓ 159. (15) Mile 110.9 to Mile 111.2. 128

Reach No. 5

Reach No. 4

d. Westerly levee of the Feather River.

- Reach 39 ✓ 160. (1) Sutter Bypass to Nicolaus Bridge. 143
- ✓ 161. (2) From a point 3.51 miles northerly from Nicolaus Bridge to the Fifth Street Bridge between Marysville and Yuba City. 143, 144
- Reach 38 ✓ 162. (3) From a point 1,400 feet northerly from the Fifth Street Bridge between Marysville and Yuba City to Station 774+00 "Y.C.N.B." Traverse. 144
- ✓ 163. (4) From a point east of Station 1188+00 "Y.C.N.B." Traverse to high ground just northerly from the Western Canal Headgate. 144

- Reach 42 ✓ 164. a. Easterly levee of the Sacramento River from Natomas Cut to Feather River. 141.1

12

Letter No. 12

12

f. Easterly levee of the Feather River.

- Reach 42 ✓ 165. (1) Sacramento River to a point 2.37 miles southerly from Nicolaus Bridge. 141 Pt 1
- Reach 41 ✓ 166. (2) Bear River to Mile 14.4. } 145
- ✓ 167. (3) Mile 14.4 to Mile 14.7. }
- ✓ 168. (4) Mile 14.7 to Mile 21.5. }
- ✓ 169. (5) Mile 21.5 to Mile 22.75. }
- ✓ 170. (6) Mile 22.75 to Mile 26.5 (Point where levee and S.N.R.R. meet). 145

g. Levees protecting the City of Marysville. All 147

- Reach 43 ✓ 171. (1) From the W.P.R.R. at Sinnerly Slough easterly to the Yuba River.
- ✓ 172. (2) Along the Yuba River from the "D" Street Bridge to the back levee near the Valley Meat Company.

h. Levees protecting Reclamation District No. 10.

- Reach No. 40 ✓ 173. (1) Northerly levee of Sinnerly Slough from the W.P.R.R. to the S.P.R.R. 151
- ✓ 174. (2) Easterly levee of the Feather River from Sinnerly Slough to a point 4.3 miles northerly from Sinnerly Slough. 151

Reach 46 ✓ 175. i. Northerly levee of the Yuba River from the back levee of the City of Marysville to a point 1.3 miles easterly from said back levee. 147

Reach 47 ✓ 176. j. Southerly levee of the Yuba River from Feather River (i.e. S.N.R.R.) easterly to the S.P.R.R. Main Line. 147

45 ✓ 177. k. Northerly levee of Bear River from Feather River easterly to the W. P.R.R. Interceptor. 145

45 ✓ 178. l. Westerly levee of the W.P.R.R. Interceptor and Clark Slough Interceptor (i.e. back levee of Reclamation District No. 784) from Bear River to the southerly end of the Clark Slough Interceptor. 145

12

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

Letter No. 12

12

m. Southerly levee of the American River.

Reach No. 25

- ✓ 179. (1) Sixteenth Street Bridge to the S.N.R.R. 118.1
- ✓ 180. (2) From a point 800 feet easterly from the W.P.R.R. to Mayhew Station. 118.1

n. Westerly levee of the Yolo Bypass.

- ✓ 181. (1) Sacramento River to Knights Landing Ridge Cut. 127
- ✓ 182. (2) Knights Landing Ridge Cut to the northeast corner of the Cache Creek Settling Basin. 126
- 28 ✓ 183. (3) S.N.R.R. Woodland Branch to a point 1.6 miles southerly from said railroad. 121
- 28 ✓ 184. (4) From a point 1.6 miles southerly from the S.N.R.R. Woodland Branch to the Willow Slough Pipes. 121
- 28 ✓ 185. (5) From a point 1.48 miles southerly from the Willow Slough Pipes to a point 1.9 miles southerly from said pipes. 121
- 28 ✓ 186. (6) From a point 1.9 miles southerly from the Willow Slough Pipes to the Willow Slough Interceptor. 121
- 28 ✓ 187. (7) From the Willow Slough Interceptor to Highway U.S. 40. 120
- ✓ 29 ✓ 188. (8) From Highway U.S. 40 to Putah Creek. 119

27 ✓ 189 o. Easterly and Westerly training levees of Cache Creek Settling Basin from Cache Creek southerly. 126

28 ✓ 190 p. Northerly and Southerly levees of the Willow Slough Interceptor from the S.P.R.R. to the Yolo Bypass. 120

29 ✓ 191 q. Northerly levee of Putah Creek from Yolo Bypass westerly to high ground. 119

✓ 192 r. Southerly levee of Putah Creek from high ground on Dixon Ridge westerly to high ground. 119

s. Southerly levee of Knights Landing Ridge Cut. 127

- 26 ✓ 193 (1) From Yolo Bypass westerly 600 feet. Also covered under Unit 96-A
- 26 ✓ 194 (2) { From a point 2,500 feet westerly from Yolo Bypass to a point 2,900 feet westerly from Yolo Bypass. 127  
Also covered under 96-A

12

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

Letter No. 12

12

s. Southerly levee of Knights Landing Ridge Cut. (cont'd)

- 26 ✓ 195 (S) { From a point 3,500 feet westerly from Yolo Bypass to a point 7,100 feet westerly from Yolo Bypass. 127  
Also covered under Unit No. 96-A
- 35 ✓ 196 t. That portion of the back or westerly levee of Hastings Tract which runs east and west along the County Road for a distance of approximately one mile. 107
- ✓ 197 u. Northerly levee of Sycamore Slough from Sacramento River to Knights Landing Outfall Gates. 130
- ✓ 198 v. Southerly levee of Sycamore Slough from Sacramento River to Knights Landing Outfall Gates. 132

The records of this office show that your Board has accepted the levees and/or works covered by Items b.(1), b.(2), b.(3), c.(2), c.(4), c.(8), c.(11), c.(12), c.(14), d.(1), d.(3), d.(4), f.(3), f.(5), g., h., i., l., m., n.(1), n.(2), n.(3), n.(4), n.(7), n.(8), o., p., q., r. and s.(1) 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., b.(4), c.(1), c.(3), c.(5), c.(6), c.(7), c.(9), c.(10), c.(15), c.(16), d.(2), e., f.(1), f.(2), f.(4), f.(6), j., k., n.(4), n.(5), s.(2), s.(3), t., u. and v., above, although complete has not been formally transferred as contemplated by the Project documents. Accordingly the levee covered by said Items, together with the waterway bank contiguous thereto, is hereby transferred to the State of California for maintenance and operation.

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

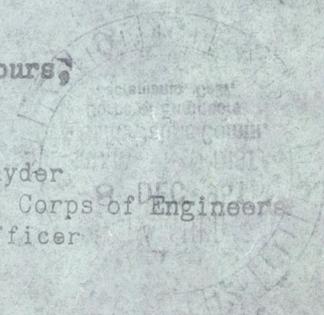
A copy of this letter is being transmitted to the State Engineer.

FOR THE DISTRICT ENGINEER:

Sincerely yours,

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

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



12

REGISTERED MAIL  
Return Receipt  
Requested

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

8 DEC 1951

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

Gentlemen:

Reference is made to your letter of 4 May 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. Westerly levee of the Sacramento River.

- 51 (1) Mile 163.8 (Princeton) to Mile 155.3. 137
- 52 (2) Mile 155.3 to Mile 154.3.
- 53 (3) Mile 154.3 to Mile 152.1.
- 54 (4) Mile 152.1 to Mile 151.3.
- 55 (5) Mile 151.3 to Mile 146.4.
- 56 (6) Mile 146.1 to Upstream outskirts of Colusa.
- 57 (7) Upstream outskirts of Colusa to Mile 143.5 (Colusa Bridge), excepting 320 lin. ft. at Colusa Warehouse Mile 144.2.

b. Easterly levee of the Sacramento River.

- 58 (1) Mile 155.3 (Terrill's Landing) to Mile 152.7 (South Line Begg's Ranch). 136

Letter No. 8

Items 51 to 76

824.3(SAC. R. FCP)SPK

SPEKA 824.5(Sac.Riv. F.C.P.)  
The Reclamation Board

- 59 (2) Mile 149.9 to Mile 149.7 (Graham's Ranch).
- 60 (3) Mile 149.4 (Farnsworth Pump) to Mile 149.0 (Sailor Bend).
- 61 (4) At Colusa Weir.
- 62 (5) Mile 143.3 (Arnold's) to Mile 140.2.
- 63 (6) Mile 139.3 to Mile 138.2 (Butte Slough Outfall Gates).
- 64 (7) Mile 138.2 (Butte Slough Outfall Gates) to Mile 137.9 (Marty's Pump).
- 65 (8) Mile 136.9 (Opposite Steidelmayer's Pump) to Mile 134.0 (Meridian Bridge).
- 66 (9) Mile 134.0 (Meridian Bridge) to Mile 133.8.
- 67 (10) Mile 133.2 to 132.3.
- 68 (11) Mile 131.8 to Mile 125.9.
- 69 (12) Mile 125.8 to Mile 123.1.
- 70 (13) Mile 122.6 to Mile 122.0.

c. Westerly levee of the Sutter Bypass.

- 71 (1) Butte Slough Outfall Gates to Tisdale Bypass. 133
- 72 (2) Tisdale Bypass to a point 5.8 miles northerly from Sacramento River. 133
- 73 (3) From a point 5.8 miles northerly from Sacramento River to Sacramento River. 133

74 d. Northerly levee of Tisdale Bypass. 133

75 e. Southerly levee of Tisdale Bypass. 129

76 f. Easterly levee of the Sutter Bypass from high ground near Longbridge to Feather River. 135

The records of this office show that your Board has accepted the levees covered by Items a.(1), a.(3), a.(5), a.(6), b.(4), b.(5), b.(6), b.(7), b.(8), b.(9), b.(10), b.(11), b.(12), b.(13), c.(1), c.(2), d. and e., above as complete. Accordingly the waterway bank contiguous to

SPKKA 924.3(Sac.Riv. F. C. P.)  
The Reclamation Board

said Items is hereby transferred to the State of California for maintenance and operation.

The levee covered by Items a.(2), a.(4), a.(7), b.(1), b.(2), b.(5), c.(3) and f. above, although complete, has not been formally transferred as contemplated by the Project documents. Accordingly the levee covered by said Items, together with the waterway bank contiguous thereto, is hereby transferred to the State of California for maintenance and operation.

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

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

FOR THE DISTRICT ENGINEER:

Sincerely yours,

- Copy Furnished:
- ✓ Office, Chief of Engineers.
  - ✓ So. Pac. Div. Engineer.
  - ✓ State Engineer.
  - ✓ Engr. Div. (2)
  - ✓ C. de Arrieta

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

|           |         |
|-----------|---------|
| Original  | OHH     |
| Date      | 12-7-51 |
| Exec. O   | 2       |
| Chief     | B       |
| Ad. Asst. |         |
| Chf. Tech |         |
| Asst.     |         |
| Manag.    |         |
| Office    |         |
| Spec.     |         |
| Oper.     |         |
| Engr's    |         |
| R. E.     |         |
| Proc.     |         |
| Port.     |         |
| Legal     |         |
| Supply    |         |

Letter No. 8

Items 51 to 76

Design  
Bundale

R E S O L U T I O N

PASSED AND ADOPTED BY THE RECLAMATION BOARD

APRIL 7, 1948

- - -

WHEREAS The Reclamation Board has heretofore approved certain items of "new construction"; consisting of the enlargement, set back and reconstruction of two sections of levee along the left bank of the Sacramento River, one in the vicinity of Mile 101.2 to Mile 102.3, and the other in the vicinity of Mile 140.8 to Mile 141.0 L., at Scoggings; and

136(?)

WHEREAS the Department of the Army, Corps of Engineers, District Engineer, Sacramento District, under date of March 23, 1948, has notified The Reclamation Board of the completion of said items of levee enlargement, set back and reconstruction and bank protection, and has transferred said portions of levee to the State of California for maintenance and operation; and

WHEREAS the Chief Engineer of The Reclamation Board has caused to be made an inspection on the ground of the 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 items of "new construction" as aforesaid, which have on the date above set forth been transferred to said Board by the Department of the Army, U. S. District Engineer; and be it further

RESOLVED AND ORDERED that the section of levee between Miles 101.2 to 102.3 be, and the same is hereby turned over to Reclamation District No. 1500 for maintenance and operation, the same being the legally authorized function of said district; and that the section of levee between Miles 140.8 and 141.0 L. be, and the same is hereby turned over to the Department of Public Works,

acting by and through the State Engineer for maintenance and operation, pursuant to the provisions of the Water Code of the State of California.

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

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

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

  
\_\_\_\_\_  
S. A. HONAKER  
Assistant Secretary

PSRKB 824.3(Sac. River)

23 March 1948

SUBJECT: Maintenance of two sections of levee along left bank of Sacramento River, vicinity of Miles 101 and 141

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

Gentlemen:

Construction has been completed of two sections of levee along the left bank of the Sacramento River in the vicinity of Miles 101 and 141. Therefore, in accordance with established procedure, these portions of completed levee are hereby transferred to the State of California for maintenance.

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

| <u>Drawing No.</u> | <u>Title</u>   |
|--------------------|--|
| 50-4-2366          | Part "A" - Proposed Levee Setback and Levee Enlargement, East Levee, Sacramento River, Mile 101.2 to 102.3 |
| 50-4-2367          | Part "B" - Proposed Levee Setback and Bank Protection at Scoggings, Miles 140.8 to 141.0 L.                |

*Manual No. 15*  
*Manual No. 16*

There is also inclosed a copy of Flood Control Regulations prescribed by the Secretary of War, now referred to as the Secretary of the Army, pursuant to 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 two sections of levees referred to above are a part. In accordance with paragraph 208.10 (10) of said regulations, at a later date, this office will furnish your Board and local interests with an operation and maintenance manual to assist in carrying out their obligations established by these regulations.

*S. Manual No. 15 and 16*

PSKKB-A 624.3(Sac.River)  
The Reclamation Board

23 March 1948

For the records of this office, acknowledgment of receipt of this letter is requested on or before 30 April 1948.

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

3 Incls.  
Drawing No. 50-4-2366  
Drawing No. 50-4-2367  
Flood Control Regula-  
tions (all in dup.)

Copy furnished:  
State Engineer  
with Incls.

*S. Manual No. 15*

EXTRACT FROM MINUTES OF MEETING  
OF THE RECLAMATION BOARD HELD  
February 21, 1945

CONSTRUCTION - LEVEES -

SACRAMENTO RIVER, EAST; Moulton Weir to Princeton-Butte City Road -

2. Acceptance and maintenance of -

Notice of completion of the above levee unit having been transmitted from the U. S. Engineer Office under date of February 6, 1945, upon motion by Mr. Lodi, seconded by Mr. Shannon, and carried by the unanimous vote of the members, the following resolution, accepting said levee unit as completed and turning over the same, for maintenance, to Levee District No. 3 of Glenn County and the State Department of Public Works, was adopted:

WHEREAS The Reclamation Board on February 21, 1945, did approve a certain item of "new construction", said work consisting of the construction of the East levee of the Sacramento River, from Moulton Weir to Princeton-Butte City Road; and

WHEREAS the War Department, U. S. Engineer Office, District Engineer, under date of February 6, 1945, has notified The Reclamation Board of the completion of such work of "new construction" and its desire to turn over to The Reclamation Board such work as completed, for maintenance by the proper local interests; and

WHEREAS the section of said levee lying north of the south line of Glenn County line lies within the boundaries of Levee District No. 3 of Glenn County, which district is required by law to operate and maintain said levee; and

WHEREAS the section of said levee lying between Moulton Weir and a point four miles northerly therefrom, the same being that portion of said levee lying southerly of the south line of Glenn County, is to be maintained by the Department of Public Works in accord with the provisions of Section 8361 of the Water Code; and

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

RESOLVED AND ORDERED, That The Reclamation Board does hereby accept, for the State of California, the said item of "new construction" as aforesaid which has, on the date hereinabove set forth, been turned over to said Board by the War Department, U.S. Engineer Office; and be it further

RESOLVED AND ORDERED, That said work be turned over to Levee District No. 3 of Glenn County for that portion of said levee lying north of the south line of Glenn County, and to the Department of Public Works for that portion of said levee lying south

001 (Recl. Bd) PSK 81.2

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

I, S. A. HONAKER, ASSISTANT SECRETARY, The Reclamation Board do hereby certify that the attached is a true and correct copy of an excerpt from minutes of The Reclamation Board held February 21, 1945.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of The Reclamation Board, this 17 day of November, 1946.

  
S. A. Honaker  
S. A. HONAKER  
Assistant Secretary  
The Reclamation Board

WAR DEPARTMENT  
U. S. ENGINEER OFFICE  
P. O. BOX 1739 WRIGHT BLDG. 1209 8TH ST  
SACRAMENTO, CALIFORNIA

150/22/36

REFER TO FILE NO. 34.1  
500.15 (Sacramento River) PADEG-9

6 February 1945

SUBJECT:

TO: The Reclamation Board  
1100 "G" Street  
Sacramento, California

Gentlemen:



Construction of the east levee of the Sacramento River from Moulton Weir to Princeton-Rutte City Road has been completed. In accordance with established procedure, it is desired to turn over to the State of California, for maintenance by the State Reclamation Board and other local interests concerned, this portion of completed levee construction.

This construction forms an integral part of the Sacramento Flood Control Project and affords flood protection to Reclamation District No. 815 and to a portion of Levee District No. 3. The details and extent of the work are shown on the following drawings and specifications, copies of which are inclosed:

- (1) Specification No. 942 issued under Contract No. W-04-157-eng-637, and Modifications Nos. 1 and 2 thereto.
- (2) Drawing No. SO-4-2218, in 5 Sheets.
- (3) Drawing No. SO-4-1717, in 1 Sheet.
- (4) Drawing No. SO-4-1825, in 1 Sheet.

It is requested that receipt of this letter be acknowledged, together with the acceptance by the State of California of the construction. This office will assume that this project has been accepted by the State of California, unless informed to the contrary on or before 15 March 1945.

FOR THE ACTING DISTRICT ENGINEER:

Very truly yours,

Manual No. 2

NEWTON E. WISE,  
Captain, Corps of Engineers  
Executive Assistant

Accepted By  
The Reclamation Board  
Feb. 21, 1945

4 Incls. as listed

cc w/cy. Incls.: Mr. Edward Lyeth, State Engineer  
Division of Water Resources  
401 Public Works Bldg.  
Sacramento, California

Unit 136

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RESOLUTION

WHEREAS, The Reclamation Board did heretofore approve of certain items of work of "new construction" (said work consisting of the setting back of certain existing levees, the raising, widening, and strengthening of existing levees and the construction of new levees, and certain incidental construction work), to be performed at various locations along the banks of the Bear River and South Dry Creek and their tributaries, the Feather River, and the Sacramento River, respectively, under the Sacramento River Flood Control Project; and, whereas, said Board did heretofore request the California Debris Commission to proceed with said work, as contemplated in the Report of that Commission dated January 5, 1925, and in Section 37 a of the Reclamation Board Act as amended, and did heretofore cause to be made available, and allot from the "Joint Navigation and Flood Control Project Fund", construction budget, moneys in an amount sufficient to cover the State of California's one-half portion of the total cost of said work; and,

WHEREAS, the WAR DEPARTMENT, U.S. Army, Corps of Engineers, and the California Debris Commission, under dates of March 6th, in the year 1937, January 11th, 23rd, 25th, and 27th, and February 6th and 9th, in the year 1939, by separate communications covering the specific items of work as listed in Exhibit "A", attached hereto, has notified the Reclamation Board of the completion of such work of "new construction" and of its desire to turn over to the Reclamation Board such work as completed for maintenance by the State, the Reclamation District, and other local interests concerned, and has requested that such work be accepted by said Board; and

WHEREAS, The Chief Engineer of the Reclamation Board has caused to be made an inspection on the ground of such work of "new construction" as listed in Exhibit "A", attached hereto, and has found and determined that such work, as completed, has been prosecuted and carried out in conformance with the separate plans and specifications therefor as heretofore approved by said Board;

NOW, THEREFORE, BE IT RESOLVED AND ORDERED that The Reclamation Board does hereby accept for maintenance and operation the separate items of "new construction" as listed in Exhibit "A", attached hereto, as completed, which have on the dates hereinabove set forth been turned over to said Board by the WAR DEPARTMENT, U.S. Army, Corps of Engineers, and The California Debris Commission.

A detailed listing of the separate items of work of "new construction" herein referred to, marked Exhibit "A", is attached hereto and made a part hereof.

Dated, March 15, 1939

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EXHIBIT "A"

(Attached to Resolution passed and adopted by the Reclamation Board at meeting held March 15, 1939).

LISTING OF COMPLETED ITEMS OF WORK OF "NEW CONSTRUCTION" TURNED OVER TO THE RECLAMATION BOARD BY THE WAR DEPARTMENT, CORPS OF ENGINEERS, U. S. ARMY, AND THE CALIFORNIA DEBRIS COMMISSION, FOR MAINTENANCE AND OPERATION IN ACCORDANCE WITH THE TERM OF THE SACRAMENTO RIVER FLOOD CONTROL PROJECT, AS OUTLINED IN SENATE DOCUMENT NO. 23, 69th CONGRESS, 1st SESSION.

1. (By letter dated March 6, 1947) The section of levee along the easterly bank of the Sacramento River from Butte Slough to the Princeton-Butte City Road; excepting that portion of the levee between U.S.E.D. Stations Nos. 288+00 and 312+00, in Glenn and Colusa Counties.

Portions of this item lie within the jurisdiction of certain Districts and State agencies, namely, Levee District No. 3 of Glenn and Colusa Counties, Reclamation District No. 816, No. 1004, and No. 1005, and the State Department of Public Works.

2. (By letter dated January 23, 1939) Sections of levees not previously brought to required dimensions, as follows:

(a) - - - - (Easterly Bank) - (6) Ossenbruggen's place (2 sites), mile 166.5 L. Job Order 384, in Glenn and Colusa Counties.

7. (By letter dated February 9, 1939) Portions of levees, and appurtenant work along the easterly bank of the Sacramento River between Colusa Weir and Moulton Weir, as follows:

(a) At three locations under Specifications No. 1105-38-97.

(b) 1400 feet, approximately, of levee, and five tree retards, on Glenn-Colusa Company property, about one mile below Moulton Weir (Job Order 398), in Colusa County.

(c) 1000 feet, approximately, of levee, spur levee, rock revetment, and appurtenant work, at Beckley's, about six miles below Moulton Weir (Job Order 399), in Colusa County.

(d) 600 feet, approximately, of levee (restored), and lumber mattress, at Sortain's place, about four miles above Colusa (Job Order 420), in Colusa County.

The above itemized sections lie with the jurisdiction of the State Department of Public Works for control and maintenance (Sub-division 10 of Section 2 of the Sacramento and San Joaquin Drainage District Refunding Act.)

STATE OF CALIFORNIA )  
COUNTY OF SACRAMENTO )  
Office of the Reclamation Board )

I, S. A. HONAKER, Assistant Secretary of the Reclamation Board, do hereby certify that the attached and foregoing is a true and correct copy of a Resolution duly passed and adopted by said Board at its meeting held March 15, 1939.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Reclamation Board, this 23rd day of March 1939.

/s/ S. A. HONAKER  
S. A. HONAKER  
Assistant Secretary  
The Reclamation Board

NOTE: Only portions pertaining to Unit No. 136 contained in the above.

EXHIBIT F  
Sheet 4 of 9

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EXTRACT FROM MINUTES OF MEETING  
OF THE RECLAMATION BOARD HELD  
February 21, 1945

CONSTRUCTION - LEVEES -

SACRAMENTO RIVER, EAST; Moulton Weir to Princeton-Butte City Road -

a. Acceptance and maintenance of -

Notice of completion of the above levee unit having been transmitted from the U. S. Engineer Office under date of February 6, 1945, upon motion by Mr. Lodi, seconded by Mr. Shannon, and carried by the unanimous vote of the members, the following resolution, accepting said levee unit as completed and turning over the same, for maintenance, to Levee District No. 3 of Glenn County and the State Department of Public Works, was adopted:

WHEREAS The Reclamation Board on February 21, 1945, did approve a certain item of "new construction", said work consisting of the construction of the East levee of the Sacramento River, from Moulton Weir to Princeton-Butte City Road; and

WHEREAS the War Department, U. S. Engineer Office, District Engineer, under date of February 6, 1945, has notified The Reclamation Board of the completion of such work of "new construction" and its desire to turn over to The Reclamation Board such work as completed, for maintenance by the proper local interests; and

WHEREAS the section of said levee lying north of the south line of Glenn County line lies within the boundaries of Levee District No. 3 of Glenn County, which district is required by law to operate and maintain said levee; and

WHEREAS the section of said levee lying between Moulton Weir and a point four miles northerly therefrom, the same being that portion of said levee lying southerly of the south line of Glenn County, is to be maintained by the Department of Public Works in accord with the provisions of Section 8361 of the Water Code; and

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

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

RESOLVED AND ORDERED, That The Reclamation Board does hereby accept, for the State of California, the said item of "new construction" as aforesaid which has, on the date hereinabove set forth, been turned over to said Board by the War Department, U. S. Engineer Office; and be it further

RESOLVED AND ORDERED, That said work be turned over to Levee District No. 3 of Glenn County for that portion of said levee lying north of the south line of Glenn County, and to the Department of Public Works for that portion of said levee lying south of the south line of Glenn County, for maintenance and operation of each such portion, respectively, as the legally authorized function of said agencies.

I, S. A. HONAKER, ASSISTANT SECRETARY, The Reclamation Board do hereby certify that the attached is a true and correct copy of an excerpt from minutes of the Reclamation Board held February 21, 1945.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of The Reclamation Board, this 12 day of November, 1946.

S. A. HONAKER  
Assistant Secretary  
The Reclamation Board

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THE RECLAMATION BOARD  
March 11, 1953

District Engineer  
Corps of Engineers, U. S. Army  
Sacramento 8, California

Dear Sir:

Reference your letters file No. SPKKO-P 824.3 (Sac. R.F.C.P.) dated 1 December 1951, 3 December 1951, 4 December 1951, three letters dated 6 December 1951, 7 December 1951 and six letters dated 8 December 1951. Subject letters transferred to the Reclamation Board for operation and maintenance, various levee units of the Sacramento River Flood Control Project.

The Reclamation Board at its 18 December 1951 meeting, on behalf of the State of California, accepted certain of the transferred units together with their contiguous waterway banks for operation and maintenance, and rejected others. A tabulation of the units so accepted or rejected is attached hereto.

Yours very truly

THE RECLAMATION BOARD  
A. M. BARTON  
Chief Engineer and General Manager  
By /s/ D. M. Carr  
D. M. CARR

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December 18, 1951

The Board accepted the transfer from the Corps of Engineers, in letters of dates listed below, the following reaches of levees and their contiguous waterway banks where applicable for flood control operation and maintenance, as complete and meeting the requirements of the Sacramento River Flood Control Project.

| <u>No.</u> | <u>Date of Letter</u> | <u>Levee Location</u>                                 | <u>Remarks</u>  |
|------------|-----------------------|---|---|
| 8          | 8 Dec. 1951           | Mile 143.3 to Mile 140.2;<br>Mile 139.9 to Mile 138.2 | Maintained by State<br>Separate completed<br>contracts - - - -  |
| 11         | 8 Dec. 1951           | E. bank Sacramento River<br>at Moulton Weir           | Maintained by State   |
| 11         | Do                    | E. levee Sacramento River<br>Mile 158.5 to Mile 164.4 | Maintained partly by<br>State; remainder by<br>Levee District No. 3,<br>Glenn County, Completed<br>Contract |
| - - - -    |                       | - - - -   | - - - -   |

NOTE: Only portions pertaining to  
Unit No. 136 contained in  
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THE RECLAMATION BOARD  
of the  
STATE OF CALIFORNIA

January 21, 1960

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

Dear Sir:

Reference is made to your letter of December 30, 1959, regarding the transfer to the State of the levee section Unit No. 660 on the left bank of the Sacramento River from Colusa Bridge to Moulton Weir.

The Reclamation Board at its meeting of January 20, 1960, formally accepted this levee section for operation and maintenance.

Sincerely yours,

A. N. MURRAY  
General Manager and Chief Engineer

HSH:ED

EXHIBIT G

SUGGESTED SEMI-ANNUAL REPORT FORM

EXHIBIT G

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CORPS OF ENGINEERS, U. S. ARMY  
Office of the District Engineer  
SACRAMENTO DISTRICT  
Wright Bldg., 1209-8th St.  
Sacramento, California

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\_\_) Sacramento River Flood Control Project, Unit No. 136, the east levee of the Sacramento River from Butte Slough Outfall Gates to the Princeton-Afton Road 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 59.0 on the gage at Butte Slough Outfall Gates, 65.0 on the gage at Colusa Weir and 79.0 on the gage at Moulton Weir) occurred on the following dates:

EXHIBIT G  
Sheet 1 of 3

Dates

Maximum Elevation

\_\_\_\_\_

\_\_\_\_\_

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

(Superintendent's log of flood observations)

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

(See Maintenance Manual \_\_\_\_\_.)

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

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

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

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

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

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

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

Respectfully submitted,

Superintendent of Works