SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL

SACRAMENTO RIVER
FLOOD CONTROL PROJECT

UNIT NO. 122—PART NO. 1

WEST LEVEE OF SACRAMENTO RIVER FROM
MILE 70.8 TO SACRAMENTO WEIR
AND
NORTH LEVEE OF SACRAMENTO BYPASS
AND
EAST LEVEE OF YOLO BYPASS FROM
WOODLAND HIGHWAY TO SACRAMENTO
BYPASS

FILE COPY

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

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

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WOODLAND HIGHWAY TO SACRAMENTO BYPASS

Sacramento District
Corps of Engineers
U. S. Army
August 1955
**SUPPLEMENT TO STANDARD**
**OPERATION AND MAINTENANCE MANUAL**
**SACRAMENTO RIVER FLOOD CONTROL PROJECT**

UNIT NO. 122

WEST LEVEE OF SACRAMENTO RIVER FROM MILE 70.8 TO SACRAMENTO WEIR AND NORTH LEVEE OF SACRAMENTO BYPASS AND EAST LEVEE OF YOLO BYPASS FROM WOODLAND HIGHWAY TO SACRAMENTO BYPASS

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## SECTION III - REPAIR OF DAMAGE TO PROJECT WORKS

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*Revised September 1981
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OPERATION AND MAINTENANCE MANUAL
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UNIT NO. 122 - PART NO. 1
WEST LEVEE OF SACRAMENTO RIVER FROM
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AND
EAST LEVEE OF YOLO BYPASS FROM
WOODLAND HIGHWAY TO SACRAMENTO BYPASS

SECTION I

INTRODUCTION

1-01. Location. - The improvement covered by this manual is
Unit No. 122 - Part No. 1 of the Sacramento River Flood Control Project
and comprises the following levees and adjacent channels or floodways.
The west levee of the Sacramento River from mile 70.8 at the Elkhorn
Ferry crossing downstream about 7.3 miles to mile 63.5 at the north
end of the Sacramento Weir (with exception of a section of the west levee
of the Sacramento River from mile 68.42 to mile 67.11 which is not to
grade and section and which requires additional work; also the north
levee of the Sacramento Bypass and the east levee of the Yolo Bypass from
the south boundary of Reclamation District No. 1600 at the Woodland
Highway crossing downstream about 6.14 miles to the north levee of the
Sacramento Bypass. Levees of this unit protect the lands of Reclamation
Districts No. 537, 752, 785, and 827, in Yolo County, California, as
shown on Exhibit A-1.

1-02. Protection provided. - The levees described in this manual
provide protection to adjacent agricultural land against flood waters
of the Sacramento River, Sacramento Bypass and Yolo Bypass and are
essential features of the Sacramento River Flood Control Project. The
grade of the adopted flood plane profile of the Sacramento River within
this unit varies from elevation 38.20 at the Elkhorn Ferry crossing
(mile 70.8) to elevation 34.5 at the north end of the Sacramento Weir
(mile 63.5). Along the Sacramento Bypass the grade of the adopted
flood plane profile varies from elevation 34.5 at the Sacramento Weir
to elevation 29.4 at junction of Sacramento and Yolo Bypasses. Along
Yolo Bypass the grade of the adopted flood plane profile varies from
elevation 34.10 at the Woodland Highway crossing to elevation 29.4 at
the Sacramento Bypass. (All elevations are referred to U. S. Corps of
Engineers datum). The levee project grade within this unit provides a
freeboard of at least 3 feet along the Sacramento River and a freeboard
of at least 6 feet along the Sacramento and Yolo Bypasses. The project
design capacity within this unit is 107,000 cubic feet per second in the
Sacramento River, 112,000 cubic feet per second in the Sacramento Bypass,
and 377,000 cubic feet per second in the Yolo Bypass.
1-03. Project works. The flood control improvements covered by this manual were authorized by the Flood Control Act of 1917 as modified by the Acts of 1928, 1937, and 1941. All levees of this unit as described in paragraph 1-01, were originally built by local interests and consists of the following:

a. The Sacramento River levee was repaired or reconstructed by the Corps of Engineers by bank protection works and other levee repairs at various places.

b. No Federal work was necessary on the north levee of the Sacramento Bypass.

c. The Yolo By-pass levee reach was enlarged to adopted grade and section by the Corps of Engineers.

Part No. 1 of Unit No. 122 comprises a large percentage of the entire unit, the remainder being the exception as referred to above, VIZ: that portion of the west levee of the Sacramento River from mile 68.42 to 67.11. At such time when the remainder is completed to project standards, this manual will be revised to cover the whole unit.

1-04. Construction Data and Contractor. Necessary construction to bring levees to project standards was accomplished under the following contracts:

a. Enlargement of the east levee of Yolo Bypass along Reclamation District No. 827 was accomplished under Contract No. W-1105-eng-740 by the Adgax Dredge Company and completed on 5 October 1931.

b. Enlargement of the east levee of Yolo Bypass along Reclamation District No. 785 was accomplished under Contract No. W-1105-eng-1106 by the Olympian Dredge Company and completed on 22 December 1933.

c. Bank protection work on the west bank of the Sacramento River at mile 65.9 was accomplished under Job Order No. 1071 and completed on 6 September 1946.

d. Bank protection work on the west bank of the Sacramento River at mile 67.1 was accomplished under Job Order No. 1072 and completed on 5 September 1946.

In addition to the foregoing work, emergency repairs on the west bank of the Sacramento River from mile 65.9 to mile 66.4 was accomplished under Contract No. DA-04-167-eng-1023 by Carl C. Harmeling and completed on 31 July 1953.

e. Emergency levee repairs, east levee of Yolo Bypass in Reclamation District No. 827 was made under Contract No. DA-04-167-CIVENG-57-67 by An-Nan Construction Company during the period from 8 October 1956 to 31 January 1957, Specification No. 2244, Drawing No. 50-4-3321.
f. Levee construction, right bank Sacramento River, vicinity of Monument Bend, Mile 66.9 to Mile 68.3 was accomplished under Contract No. DA-04-167-Civeng-58-13 by Basalt Rock Company, Inc. during the period from 18 July 1957 to 15 July 1958, Specification No. 2325, Drawing No. 50-4-3295.

g. Emergency levee construction on right bank Sacramento River Mile 66.6 was accomplished under Contract No. DA-04-167-CIVENG-61-45 by Arons Building Wrecking Company during the period from 4 November 1960 to 15 December 1960. Specification No. 2715, Drawing No. 50-4-3678.

h. Bank protection on the right bank of the Sacramento River from Monument Bend to Sacramento Weir (Mile 67.0 to 63.4) was accomplished under contract No. DA-04-167-CIVENG-65-132 by Spike Voudouris & Hulse Bros. during the period from 13 May 1965 to 27 May 1966, Specification No. 3025, Drawing No. 50-4-3756 (Unit No. 5).

i. Emergency levee repairs on the east levee of Yolo Bypass were accomplished under Contract No. DA-04-167-CIVENG-65-137 by Homer Flint, Contractor, during the period from 22 June 1965 to 13 August 1965, Specification No. 3234, Drawing No. 50-4-4079.


k. Levee repairs, right bank of Sacramento River at Mile 65.5 were accomplished under Contract No. DA-04-167-CIVENG-66-146 by James L. Ferry & Son, Contractor, during the period from 27 June 1966 to 5 October 1966. Specification No. 3353, Drawing No. 50-4-4287 (Unit No. 6A).

l. Planting of trees and shrubs on the waterside slope and berm along the right bank of the Sacramento River between river miles 63.8 and 66.0 was accomplished under Contract No. DACW05-67-C-0052 by Fairway Landscape Company, during the period from 13 April 1967 to 15 November 1967. Specification No. 3429, Drawing No. 6-4-2095.

m. Bank protection east levee of Yolo Bypass was accomplished by Spike Voudouris under Contract No. DACW03-67-C-0082 during the period from 24 May 1967 to 30 November 1967, Specification No. 3418, Drawing No. 50-4-4348.

n. Bank protection on east levee of Yolo Bypass (sites 1 & 2) was accomplished by Spike Voudouris under Contract No. DACW05-68-C-0077 and completed on 5 November 1968. Specification No. 3492, Drawing No. 50-4-4393.

o. Bank protection on east levee of Yolo Bypass was accomplished by Spike Voudouris and A. R. McEwen under Contract No. DACW05-70-C-0111 and completed on 1 September 1970. Specification No. 3769, Drawing No. 50-4-4529.
p. Bank protection on the west levee of the Sacramento River at Mile 70.4 (Unit No. 16) was accomplished by H. Earl Parker under Contract NO. DACW05-70-C-0008 and completed on 23 September 1970. Specification No. 3390, Drawing No. 50-4-4310.

*This work was performed under the Sacramento River Bank Protection Project authorized by the Flood Control Act of 14 July 1960, Eighty-sixth Congress, Second Session, Senate Document No. 103.

q. Bank sloping, stone protection and selective clearing on the right bank of the Sacramento River at Site Miles 70.4 (of Unit 30) was accomplished under Contract No. DACW05-76-C-0107 by James Ferry and Son. Construction was completed on 6 July 1979. Specification No. 5081, Drawing No. 50-4-5130.

r. Bank sloping, stone protection and selective clearing on the right bank of the Sacramento River at Site Mile 68.5 (of Unit 34B) was accomplished under Contract No. DACW05-79-C-0081. Specification No. 5760, Drawing No. 50-4-5542.

s. Bank sloping, stone protection, selective clearing, and the construction of a concrete boat launching ramp, parking area, and access road on the right bank of the Sacramento River at Site Mile 69.5 (of Unit 34A) was accomplished under Contract No. DACW05-81-C-0070. Specification No. 5580, Drawing No. 50-4-5448.

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

u. Emergency protection under PL 84-99 was provided to an erosion site along the left bank of Yolo Bypass at the intersection of County Road 124 and the canal road. Reclamation District (RD) 827, Yolo Bypass Levee, Left Bank, Levee Unit 2, Levee Mile 2.75, Order 2 repair (SN# 20051230-012-001). Twenty feet on an existing 18 inch diameter steel pipe that passes through the levee crown was removed along the 60-feet long landside levee slope that was reconstructed to pre-flood slope and height. The reclamation district was responsible for reinstalling the pipeline along the levee slope and through the crown. The damaged area was provided with erosion control seeding and an erosion mat (coir fabric). Construction was completed on December 4, 2006. Contract No. W91238-04-D-0002, Specification No. 1137E, Drawing No. 4-04-6265.

### TABLE 1: YOLO BYPASS – EAST LEVEE (RECLAMATION DISTRICT 785)

<table>
<thead>
<tr>
<th>SITE</th>
<th>COORDINATES (NAD 83)</th>
<th>SITE LENGTH (FT)</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>035-001</td>
<td>38.62172, -121.60763 to 38.61242, -121.60047</td>
<td>3956</td>
<td>Downstream Segment – See drawings</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repair</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Upstream Segment – See drawings</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repair plus riprap</td>
</tr>
</tbody>
</table>

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

x. Emergency repairs to the Sacramento River Weir were completed on 3 November 1986 under Contract No. DACW05-86-C-0116.

y. Bank sloping and stone protection on the right bank of the Sacramento River, Site Mile 70.2 was completed on 15 November 1987 under Contract No. DACW05-86-C-0079. Specification No. 7082, Drawing No. 50-4-5714.
1-05. **Flood flows.** For the purposes of this manual, the term “flood” or “high water period” shall refer to flows when the water surface in the Sacramento River reaches or exceeds the reading of 29.0 on the U.S. Corps of Engineers and State Division of Water Resources continuous water recorder and staff gage located on the right bank of the Sacramento River 100 feet downstream from the Sacramento Weir; also when the water surface in the Yolo Bypass reaches or exceeds the reading of 27.0 on the State Division of Water Resources continuous water stage recorder and staff gage located on the east levee of Yolo Bypass immediately upstream from the Sacramento Northern Railway near the Woodland Highway; also when the water surface in the Yolo Bypass reaches or exceeds the reading of 22.0 on the State Division of Water Resources continuous water stage recorder and staff gage located at the intersection of the east levee of Yolo Bypass and the north levee of the Sacramento Bypass. All gages are set on U.S. Corps of Engineers datum.

1-06. **Assurances provided by local interests.** Assurances of cooperation by local interests is provided by the 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 easterly levee of Yolo By-pass from Fremont Weir to Miner Slough and the northerly levee of the Sacramento By-pass was officially accepted by the Reclamation Board of the State of California on 18 December 1951, as shown on the attached letter of acceptance, Exhibit F.

Portions of the west levee of the Sacramento River from mile 70.9 to 68.42 and from mile 67.11 to 63.5 were transferred to the State Reclamation Board by letter of 8 December 1951, as shown on the attached letter of transfer, Exhibit F.

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

FEATURES OF THE PROJECT SUBJECT TO FLOOD CONTROL REGULATIONS

2-01. Levees.

a. Description. The levees described in this manual are located along the westerly side of the Sacramento River from the Elkhorn Ferry crossing at mile 70.8 downstream about 7.3 miles to mile 63.5 at the north end of the Sacramento Weir (with exception of a section of the west levee of the Sacramento River from river mile 68.42 to 67.11). Also the north levee of the Sacramento Bypass and the easterly levee of Yolo Bypass from the Woodland Highway crossing downstream about 6.14 miles to the north levee of the Sacramento Bypass. All levees of this unit were originally built by local interests and the east levee of Yolo Bypass has been rebuilt to adopted grade and section by new construction. Portions of the west levee of the Sacramento River have been reinforced by bank protection work. For more complete detail of items included in construction above mentioned levees, referenced is made to the “As Constructed” drawings of Exhibit B. Structures affecting levee maintenance are listed in Exhibit E.

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

(2) Check Lists – Exhibit E of this Supplement Manual.
(4) Special Instructions – paragraph 4-05 of the Standard Manual.

c. Inspection. The repaired erosion site should be visually inspected at the beginning and the end of each flood season, and during and after each flood event. The inspector should note the presence of any of the following items:

- Depressions, changes in grade, slumps, “sinkholes”, bulges, or cracking in the levee slope.
- Cracks or depressions in the levee crest.
- Rodent activity.
- Seepage, slumps, erosion, or “soft” conditions on the levee slopes near the pipeline alignment.

If any of the above conditions are noted, especially if significant changes have occurred since the previous inspection, then the conditions should be repaired as a part of the normal levee maintenance program. If problems re-develop quickly, especially at times of low or no rainfall, then it is likely a leak has developed in the pipeline. RD personnel should work with the pipeline owner to find and repair the source of the leak in an expeditious manner. After the leak is repaired, the levee can be restored.

2-02. Drainage and Irrigation Structures.

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

<table>
<thead>
<tr>
<th>River Mileage</th>
<th>Size and Kind of pipe</th>
<th>Other Structure Description</th>
<th>Elev. Of invert at pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>70.05</td>
<td>18&quot; steel</td>
<td>Pumphouse R.S.</td>
<td>33.4</td>
</tr>
<tr>
<td>69.5</td>
<td>30&quot; steel</td>
<td>Pumphouse R.S.</td>
<td>32.6</td>
</tr>
<tr>
<td>68.86</td>
<td>12&quot; steel</td>
<td>Centrifugal pump R.S.</td>
<td>30.9</td>
</tr>
<tr>
<td>68.43</td>
<td>18&quot; steel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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4
<table>
<thead>
<tr>
<th>Mileage</th>
<th>Size and</th>
<th>Kind of pipe</th>
<th>Other Structure Description</th>
<th>Elev. of invert at pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>67.04</td>
<td>12&quot; iron</td>
<td>Centrifugal pump R.S.</td>
<td></td>
<td>37.1</td>
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<tr>
<td>65.58</td>
<td>1&quot; steel</td>
<td>Gate Valve R.S.</td>
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<td>28.3</td>
</tr>
<tr>
<td>65.58</td>
<td>8&quot; steel</td>
<td>Centrifugal pump and gate valve R.S.</td>
<td></td>
<td>28.5</td>
</tr>
<tr>
<td>65.13</td>
<td>4&quot; steel</td>
<td>Pump L.S.</td>
<td></td>
<td>32.6</td>
</tr>
<tr>
<td>65.12</td>
<td>8&quot; steel</td>
<td>Pumphouse L.S.</td>
<td></td>
<td>31.9</td>
</tr>
<tr>
<td>64.71</td>
<td>12&quot; steel</td>
<td>Concrete plug L.S.</td>
<td></td>
<td>24.2</td>
</tr>
<tr>
<td>64.71</td>
<td>4&quot; steel</td>
<td>Pumphouse L.S.</td>
<td></td>
<td>23.0</td>
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<tr>
<td>64.61</td>
<td>8&quot; steel</td>
<td></td>
<td></td>
<td>28.0</td>
</tr>
<tr>
<td>64.44</td>
<td>8&quot; steel</td>
<td>Concrete plug R.S.</td>
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<td>30.6</td>
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<td>64.31</td>
<td>8&quot; steel</td>
<td>Pump L.S.</td>
<td></td>
<td>27.8</td>
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<tr>
<td>64.19</td>
<td>10&quot; steel</td>
<td>Pumphouse R.S.</td>
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<td>26.6</td>
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<tr>
<td>64.11</td>
<td>18&quot; iron</td>
<td>Pumphouse R.S.</td>
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<td>27.0</td>
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<tr>
<td>63.69</td>
<td>8&quot; steel</td>
<td>Pump R.S.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mileage</th>
<th>Size and</th>
<th>Kind of pipe</th>
<th>Other Structure Description</th>
<th>Elev. of invert at pipe</th>
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<tr>
<td>17.4</td>
<td>36&quot; C.M.P.*</td>
<td>Drainage pump L.S.</td>
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<td>11.3</td>
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<td>17.8</td>
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<td>13.7</td>
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<td>3-1/4&quot; steel</td>
<td>Pump L.S.</td>
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East Levee Yolo Bypass (see drwg. 50-4-13 and 50-4-1274 of Exhibit B)

<table>
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<td>131+70</td>
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<tr>
<td>3+75</td>
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<tr>
<td>169+25</td>
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<tr>
<td>111+70</td>
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</table>

<table>
<thead>
<tr>
<th>Notes on abbreviations:</th>
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</thead>
<tbody>
<tr>
<td>R.S. = Riverside</td>
</tr>
<tr>
<td>L.S. = Landside</td>
</tr>
<tr>
<td>C.M.P. = Corrugated Metal Pipe</td>
</tr>
<tr>
<td>R.D. = Reclamation District</td>
</tr>
</tbody>
</table>
b. For pertinent Requirements of the Code of Federal Regulations and other requirements see the following:

(2) Check Lists - Exhibit 3 of this Supplement Manual.

2-03. Channels.

a. Description. The main channel of the Sacramento River from the south boundary of Reclamation District No. 1600 at the Elkhorn Ferry crossing to the Sacramento Weir is a navigable stream with a controlling depth of six feet. This portion of the main channel of the Sacramento River is confined between levees along both banks and has a project design capacity of 107,000 cubic feet per second. When flood discharge exceeds the carrying capacity of the Sacramento River, flood water is discharged into the Sacramento Bypass through the Sacramento Weir which, in turn, is discharged into the Yolo Bypass.

Sacramento Bypass is a leved overflow channel about 1,800 feet wide that carries excess flood waters of the Sacramento River to the Yolo Bypass. Levees along both banks are lined with a concrete blanket on the riverside slopes for about half the distance downstream from the Weir. The project design capacity of the Sacramento Bypass is 112,000 cubic feet per second.

The Yolo Bypass within this unit from the south boundary of Reclamation District No. 1600 at the Woodland Highway to the Sacramento Bypass is a leved floodway about 2½ miles wide that is used during flood periods to carry excess flood water of the Sacramento River System. A large portion of the overflow area between levees of the Yolo Bypass is used for production of seasonal crops. The project design capacity of the Yolo Bypass in this reach is 377,000 cubic feet per second.

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 of the Sacramento River shall be limited to flood control and the requirements which follow shall be observed only to that extent.

The floodways of the Sacramento Bypass and the Yolo Bypass within this unit shall be inspected, maintained, and operated as outlined in the paragraphs which follow.
b. For pertinent Requirements of the Code of Federal Regulations and other requirements see the following:

(2) Check Lists - Exhibit E of this Supplement 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 29.0 on the gage at Sacramento Weir, 27.0 on the gage in Yolo Bypass near the Woodland Highway and a reading of 22.0 on the gage at the west end of the north levee of the Sacramento Bypass 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 two to four hours during the period when the water surface is above the flood-flow stages indicated above and record the time of observations. One copy of the readings shall be forwarded to the District Engineer immediately following the flood, and a second copy transmitted as an inclosure to the semi-annual report in compliance with paragraph 3-06 of the Standard Manual.

2-04. Miscellaneous Facilities.

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

(1) Elkhorn Ferry crossing the Sacramento River at north end of this unit.

(2) Sacramento Weir at south end of this unit.

(3) Sacramento Northern Railway trestle and State Highway bridge crossing Yolo Bypass at the north end of this unit.

(4) Utility Relocations. Because of the nature of the construction of the levees by local interests, no records of any utility relocations are available.
(5) Hydrographic Facilities to be maintained by the agencies listed below are as follows:

(a) U. S. Corps of Engineers and State Division of Water Resources continuous water recorder and staff gage located on the right bank of the Sacramento River 100 feet downstream from the Sacramento Weir.

(b) State Division of Water Resources continuous water stage recorder and staff gage located on the east levee of Yolo Bypass immediately upstream from the Sacramento Northern Railway trestle near the Woodland Highway.

(c) State Division of Water Resources continuous water stage recorder and staff gage located at the intersection of the east levee of Yolo Bypass and the north levee of the Sacramento Bypass.

(6) Recreation Area. The recreation site on the waterside of the levee at Mile 93.7 which includes vehicle access ramps, boat launching ramp, pedestrian ramps, and parking areas shall be administered and maintained in a manner consistent with good public park practices. Inspection of the premises shall be conducted at least annually by members of the Corps of Engineers and the State Reclamation Board on a mutually agreed schedule, to determine the adequacy of the operation and maintenance program.

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


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


2-05 Environment Protection.

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

b. Consistent with the standards established in this manual and those established by the State of California, all wild growth, including but not limited to, trees, shrubs and other vegetation within those project areas where environmental easements have been obtained by local interests shall be preserved and retained. (Reference Site Mile 68.5, right bank.)

*Added September 1981
**Added November 1983
(1) After each flood season (15 April), the plant basins should be restored to original condition to permit watering until the fall of 1969.

(2) From May through October of each year until October 1969, watering will be required in an amount to maintain sufficient water in the root zone of trees and shrubs to maintain growing conditions during the growing season.

(3) Dry grass should be hoed or trimmed in a 5-foot radius around trees and shrubs to maintain a fire guard. In lieu thereof, grass may be controlled by use of contact herbicides.

(4) Until October 1969, small doses of commercial fertilizer shall be applied to all plantings to maintain vigorous growth.

(5) Delay pruning until the winter of 1969; after that date lower limbs of the trees shall be removed from the main trunk to a point 5 feet above the ground.

(6) Tree stakes and ties should be checked at intervals to prevent girdling. The ties should be loosened as the tree expands, or replaced as old ties break. Sufficient looseness should be left in the tie to permit movement and growth of the trees. Remove stakes when the trees no longer need support (probably 1970).

(7) If some trees expire, replacement will not be necessary as sufficient trees were planted with expectation that some would die.
SECTION III

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

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

3-02. Applicable methods of combating floods. - For applicable methods of combating flood conditions, reference is made to Section VIII of the Revised Standard Manual, where the subject is fully covered.
EXHIBIT A

FLOOD-CONTROL REGULATIONS
(See Standard Manual)
LOCATION MAP
UNIT NO. 122 - PART NO. 1
WEST LEVEE SACRAMENTO RIVER FROM MILE 70.8 TO SACRAMENTO WEIR AND NORTH LEVEE SACRAMENTO BY-PASS AND WEST LEVEE OF YOLO BY-PASS

EXHIBIT A-1
EXHIBIT B

“AS CONSTRUCTED” DRAWINGS
(See separate folder for the following drawings)

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<th>File No.</th>
<th>Title</th>
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<tbody>
<tr>
<td>6-4-1582</td>
<td>Sacramento River Bank Protection Work – West Bank of River at Mile 65.9, 1 sheet.</td>
</tr>
<tr>
<td>6-4-1592</td>
<td>Sacramento River Bank Protection Work – West Bank of River at Mile 67.1, 1 sheet.</td>
</tr>
<tr>
<td>50-10-2796</td>
<td>Sacramento River Profile Downstream from Fremont Weir to Sacramento Bypass, sheets 2 and 3.</td>
</tr>
<tr>
<td>50-4-1274</td>
<td>Enlargement of East Levee of Yolo Bypass along District No. 785, 1 sheet.</td>
</tr>
<tr>
<td>50-4-1304-1</td>
<td>Enlargement of East Levee of Yolo Bypass along Reclamation District No. 827, 1 sheet.</td>
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<tr>
<td>6-13-573</td>
<td>Sacramento River from Sacramento to Vernon, sheets 5, 6, 7, 8, and 9.</td>
</tr>
<tr>
<td>50-4-2967</td>
<td>Emergency Levee Repair work on the west levee of the Sacramento River from mile 65.9 to 66.4, 1 sheet.</td>
</tr>
<tr>
<td>50-4-3295</td>
<td>Levee construction, right bank Sacramento River vicinity Monument Bend, in 11 sheets.</td>
</tr>
<tr>
<td>50-4-3321</td>
<td>Emergency levee construction, east levee Yolo Bypass in R.D. No. 827, in 2 sheets.</td>
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<tr>
<td>50-4-3678</td>
<td>Emergency levee construction, right bank Sacramento River, Mile 66.6, in 3 sheets.</td>
</tr>
<tr>
<td>50-4-3756</td>
<td>Bank Protection, Right Bank Sacramento River from Monument Bend to Sacramento Weir, in 18 sheets.</td>
</tr>
<tr>
<td>50-4-4079</td>
<td>Emergency Levee Repairs, East Levee Yolo Bypass, State Highway 24 to Southern Pacific Railroad, in 1 sheet.</td>
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50-4-4214  By-pass Levee Revetment, East Levee Yolo By-pass. 2.2 to 3.3 miles upstream from Sacramento By-pass and Sacramento By-pass downstream to S.P.R.R. in 8 sheets.

50-4-4287  Levee Repairs Unit No. 6A, Right Bank Sacramento River at Mile 65.5, in 4 sheets.

6-4-2095  Levee Re-Vegetation right bank Sacramento River Mile 65.0, in 2 sheets.

50-4-4393  Bypass Levee Revetment Yolo and Sutter Bypass Levees, in 7 sheets.

50-4-4348  Bypass Levee Revetment East and West Levees Yolo Bypass, in 7 sheets.

50-4-4529  Bypass Levee Revetment, East Levee Yolo Bypass, in 4 sheets.

50-4-4310  Bank Protection, Various Locations Right and Left Banks, Sacramento River between Tisdale Weir and Sacramento, in 26 sheets.

50-4-5130  Bank Protection, Various Locations, Right and Left Banks, Sacramento River Mile 60.0 to Mile 110.0, in 41 sheets.

50-4-5542  Bank Protection, Right Bank, Sacramento River Mile 68.5, in 2 sheets.

50-4-5448  Sacramento River and Tributaries, Elkhorn Regional Park, in 8 sheets.

50-4-5714  Bank Protection, Unit 38B, Right and Left Banks, Sacramento River Mile 62.6 to Mile 117.7, in 60 sheets.

50-4-5718  Yolo County, California, Emergency Levee Repairs, East Bank Yolo Bypass, RD 1600, 827 and 785, in 1 sheet.

50-4-5776  Emergency repairs, left bank Yolo Bypass, right bank Sacramento Bypass, and right bank Sacramento River, RD 1600.

4-04-6265  PL 84-99 Levee Rehabilitation Program SN 12/RD 827 and Sacramento Maintenance Yard, in 2 sheets.

Attached  PL84-99 Levee Rehabilitation Repairs CY2007 Order 4 Site Reclamation District 785, Yolo County, California, in 4 sheets.
PL84-99 LEVEE REHABILITATION REPAIRS
CY2007 ORDER 4 SITE
RECLAMATION DISTRICT 785
YOLO COUNTY, CALIFORNIA

SCHEDULE

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<tbody>
<tr>
<td>1 OF 4</td>
<td>VICINITY MAP AND SCHEDULE</td>
</tr>
<tr>
<td>2 OF 4</td>
<td>ACCESS MAP</td>
</tr>
<tr>
<td>3 OF 4</td>
<td>SITE PLAN</td>
</tr>
<tr>
<td>4 OF 4</td>
<td>CROSS SECTIONS</td>
</tr>
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</table>

GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE NECESSARY MEASURES TO CONTROL DUST AND THE TRACKING OF DIRT ONTO PUBLIC STREETS.

2. UPON COMPLETION OR WORK, CONTRACTOR SHALL RESTORE ALL MAIL ROUTES, ACCESS RAMPS AND LEVEE ROADS TO THEIR PRECONSTRUCTION CONDITION.

3. TREES AND SHRUBS APPROVED FOR REMOVAL WILL BE FLAGGED BY THE GOVERNMENT. ALL OTHER VEGETATION SHALL BE PROTECTED IN PLACE BY MEANS OF ORANGE CONSTRUCTION FENCING. A CORPS ENVIRONMENTAL RESOURCE SPECIALIST MUST BE PRESENT DURING TRIMMING OR REMOVAL OF ANY HERBACEOUS OR WOODY VEGETATION.

4. PLANS AND SPECIFICATIONS TOGETHER SHALL CONSTITUTE THE REQUIREMENTS OF WORK.

5. CONTRACTOR SHALL SUPPLY WORK ZONE WARNING SIGNS FOR EACH LEVEE SITE. TRAFFIC CONTROL SHALL BE IMPLEMENTED IF LEVEE REPAIR ACTIVITIES DISRUPT FREE MOVEMENT OF TRAFFIC ALONG LEVEE ROAD.

6. CONTRACTOR SHALL ADHERE TO ALL ESTABLISHED WEIGHT LIMITS WHEN CONDUCTING CONSTRUCTION ACTIVITIES.

7. CONTRACTOR SHALL PROVIDE THEIR OWN STORAGE AREA FOR EQUIPMENT AND MATERIALS UNLESS OTHERWISE PROVIDED FOR IN THE CONTRACT. GOVERNMENT SHALL REVIEW AND APPROVE LOCATION PRIOR TO UTILIZATION.

8. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT (800) 277-2828 PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
LEGEND

- LEVEE REPAIR SITE

- ACCESS ROUTE

NOTES

1. ACCESS TO AND FROM THE PROJECT SITE SHALL BE FROM COUNTY ROAD 124.

2. CONTRACTOR SHALL COORDINATE SITE ACCESS WITH (MR. BILL WATTS, 918-530-1880 RECLAMATION DISTRICT 182)

3. STAGING AREA USED FOR RAP STOCKPILE
LEGEND

CLEARING AND GRUBBING LIMITS

COORDINATES

1. 38.62173, -121.60763
2. 38.61242, -121.60047

TREE COORDINATES

1. 38.63117, -121.60763
2. 38.62107, -121.60073
3. 38.60207, -121.60713
4. 38.62052, -121.60703
5. 38.62038, -121.60689
6. 38.62015, -121.60679
7. 38.61987, -121.60537
8. 38.61972, -121.60442
9. 38.61924, -121.60067

NOTES

1. SEE SHEET C-4 FOR TYPICAL CROSS SECTIONS.
2. THE UPSTREAM AND DOWNSTREAM CONSTRUCTION LIMITS ARE MARKED WITH A 5" REBAR AND WOOD STAKE. THESE COORDINATES CORRESPOND WITH THE WATERSIDE LEVEE CROWN HINGE POINT.
NOTES

1. CONTRACTOR SHALL REMOVE (EX) DEBRIS AND VEGETATION FLAGGED FOR REMOVAL BY THE GOVERNMENT. DISCARD, REGRADE WITH ON-SITE MATERIAL, AND COMPACT ALL DAMAGED SECTIONS. IF NEEDED, BALANCE WITH IMPORTED FILL MATERIAL AS REQUIRED TO MATCH EXISTING SLOPE OF THE SURROUNDING LEVEE.

2. TRACK WALK PERPENDICULAR TO LEVEE AND HYDROSEED AS REQUIRED PER THE SPECIFICATIONS.

3. DAMAGE AS DEPICTED IN DETAIL A IS NOT CONTINUOUS ALONG THE LENGTH OF THE LEVEE. LIMITS OF APPLICATION FOR EACH TYPICAL CROSS SECTION SHALL BE FIELD VERIFIED DURING SITE WALK.

4. CONTRACTOR SHALL USE A 24" STUBBLE DISC TO MAXIMIZE MINING AND CUTTING DEPTH.

5. UPON COMPLETION OF WORK, (EX) DIRT LEVEE RD SHALL BE RESTORED TO ITS ORIGINAL CONDITION.

TYPICAL CROSS SECTION ALONG SOUTHERN REACH OF SITE

NOTES

1. THE DAMAGED WATERSIDE SLOPE SHALL BE RESTORED CONSISTENT WITH THE EXISTING SLOPE OF THE SURROUNDING LEVEE.

2. UPSTREAM/DOWNSTREAM LIMITS OF THE REPAIR SITES WILL BE STAKED BY THE GOVERNMENT PRIOR TO THE SITE WALK.

3. EXCAVATE BETWEEN UPSTREAM/DOWNSTREAM LIMITS TO MATCH THE EXISTING SLOPE OF THE LEVEE ABOVE THE DAMAGED SECTION. THEN RE-ESTABLISH THE LEVEE TOE WITH RIPRAP AS DETAILED ON THE CROSS SECTION.

4. PROTECT RECONSTRUCTED LEVEE SLOPE WITH A 24" THICK LAYER OF RIPRAP PLACED OVER REGRADED EXISTING LEVEE.

5. ALL DISTURBED AREAS ADJACENT TO REPAIR SITE SHALL BE REGRADED AND HYDROSEEDED PER THE SPECIFICATIONS.

6. CONTRACTOR SHALL PLANT COMMON CATTAIL (Typha latifolia) AND COMMON BULrush (Scirpus acutus) AS NOTED. ALL PLANTS SHOULD BE PLANTED 3' APART WITH A RATIO OF 3:1 BULrush TO CATTAIL RESPECTIVELY. A COMPS BIOLOGIST SHALL BE ON-SITE TO OBSERVE PLANTING OPERATIONS.

TYPICAL CROSS SECTION ALONG NORTHERN REACH OF SITE
EXHIBIT C

PLATES OF SUGGESTED FLOOD-FIGHTING METHODS
(See Standard Manual)
EXHIBIT D

CHECK LIST NO. 1

LEVEE INSPECTION REPORT
(See Standard Manual)
EXHIBIT E

CHECK LISTS OF LEVELS
CHANNEL AND STRUCTURES

For definition of "flood" or "high water period,"
see paragraph 1-05 of this manual.
<table>
<thead>
<tr>
<th>Item</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>(a) Location by Station</td>
<td></td>
</tr>
<tr>
<td>(b) Settlement, sloughing, or loss of grade</td>
<td></td>
</tr>
<tr>
<td>(c) Erosion of back slope</td>
<td></td>
</tr>
<tr>
<td>(d) Condition of roadways, including ramps</td>
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<tr>
<td>(e) Evidence of seepage</td>
<td></td>
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<tr>
<td>(f) Condition of farm gates and fencing</td>
<td></td>
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<tr>
<td>(g) Maintenance measures taken since last inspection</td>
<td></td>
</tr>
<tr>
<td>(h) Comments</td>
<td></td>
</tr>
</tbody>
</table>
INSTRUCTIONS FOR COMPLETING SHEET 2, EXHIBIT E
(to be printed on back of sheet 2)

Item (a) Indicate levee station of observation, obtained by pacing from nearest reference point; indicate right or left bank.

Item (b) If sufficient settlement of earthwork has taken place to be noticeable by visual observation, indicate amount of settlement in tenths of a foot. If sloughing has caused a change in slope of the embankment sections, determine the new slope. Note areas where erosion or gullyng of the section has occurred.

Item (c) If sufficient erosion or gullyng of back face of back toe of levee has taken place to be noticeable by visual inspection, indicate area affected and depth.

Item (d) Note any natural change in any section of roadway or ramps, indicate any inadequacy in surface drainage system.

Item (e) Indicate any evidence of seepage through the embankment section.

Item (f) Indicate the serviceability of all farm gates across the embankments and roadway, and indicate if repainting is required.

Item (g) Indicate maintenance measures that have been performed since last inspection and their condition at the time of this inspection.

Item (h) Record opinion, if any, of contributory causes for conditions observed and also any observations not covered under other columns.

NOTE: One copy of the Inspector's Report is to be mailed to the District Engineer immediately on completion, and one copy is to be attached to and submitted with the Superintendent's semi-annual report.
CHECK LIST NO. 3

CHANNEL AND RIGHT-OF-WAY

UNIT NO. 122 - PART NO. 1

Inspector's Report Sheet No. _______  Inspector _______
Date ___________________________  Superintendent _______

<table>
<thead>
<tr>
<th>Item</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>(a)</td>
<td>Name of channel and location by stations</td>
</tr>
<tr>
<td>(b)</td>
<td>Vegetal growth in channel</td>
</tr>
<tr>
<td>(c)</td>
<td>Debris and refuse in channel</td>
</tr>
<tr>
<td>(d)</td>
<td>New construction within right-of-way</td>
</tr>
<tr>
<td>(e)</td>
<td>Extent of aggradation or degradation</td>
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<tr>
<td>(f)</td>
<td>Condition of riprapped section</td>
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<td>(g)</td>
<td>Condition of bridges</td>
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<td>(h)</td>
<td>Measures taken since last inspection</td>
</tr>
<tr>
<td>(i)</td>
<td>Comments</td>
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</tbody>
</table>
INSTRUCTIONS FOR COMPLETING SHEET 4, EXHIBIT E
(to be printed on back of sheet 4)

Item (a) Indicate station of observation obtained by pacing from nearest reference point.

Item (b) Note nature, extent, and size of vegetal growth within the limits of flood flow channel.

Item (c) Note nature and extent of debris and refuse that might cause clogging of the conduits of the irrigation intake works, fouling of the tainter gates, or the bridges over the channel.

Item (d) Report any construction along the diversion channel or above the diversion channel or above the diversion works that has come to the attention of the inspector and that might affect the functioning of the project.

Item (e) Indicate any change in grade or alignment of the channels, either by deposition or sediment or scour, that is noticeable by visual inspection. Estimate amount and extent.

Item (f) Indicate any change that has taken place in the riprap such as disintegration of the rock, erosion, or movement of the rock. Note the presence of vegetal growth through the riprap.

Item (g) Note any damage or settlement of the footings of the bridges. Indicate condition of wooden structures and if repainting is required. Indicate condition of bridge approaches, headwalls, and other appurtenances.

Item (h) Indicate maintenance measures that have been performed since the last inspection and their condition at time of this inspection.

Item (i) Record opinion, if any, of contributory causes for conditions observed, also any observations not covered under other columns.

NOTE: One copy of the Inspector's Report is to be mailed to the District Engineer immediately on completion, and one copy is to be attached to and submitted with the Superintendent's semi-annual report.
## CHECK LIST NO. 4
### DRAINAGE AND IRRIGATION STRUCTURES

**UNIT NO. 122 - PART NO. 1**

Inspector's Report Sheet No. [blank] Inspector [blank]

Date [blank] Superintendent [blank]

For location of stations see drawings of Exhibit B

<table>
<thead>
<tr>
<th>Location by Station</th>
<th>Bank</th>
<th>Debris or Other Obstruction to Flow</th>
<th>Damage or Settlement of Pipe or Conduit</th>
<th>Condition of Concrete Bead or Inverted Parapet</th>
<th>Condition of Right-of-Way Adjacent to Structure</th>
<th>Repair Measures Taken Since Last Inspection</th>
<th>Comments</th>
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**Exhibit 6 of 8**

Sheet 6 of 8
CHECK LIST No. 4
DRAINAGE AND IRRIGATION STRUCTURES
UNIT No. 122 - PART No. 1

Inspector's Report Sheet No. ____________
Date ________________

Inspector ____________________
Superintendent ________________

For location of stations see drawings of Exhibit B

<table>
<thead>
<tr>
<th>(a) Location by Station</th>
<th>(b) Bank</th>
<th>(c) Debris or Other Obstruction to Flow</th>
<th>(d) Damage or Settlement of Pipe or Conduit</th>
<th>(e) Condition of Concrete, Headwall, or Invert Paving</th>
<th>(f) Condition of Right-of-Way Structure</th>
<th>(g) Repair Measures Taken since Last Inspection</th>
<th>(h) Comments</th>
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</table>
INSTRUCTIONS FOR COMPLETING SHEET 6, EXHIBIT E
(To be printed on back of sheet 6)

(1) Enter station of all structures under Column (a) for check list.

(2) Inspect inlet, barrel, and outlet for accumulation of sediment, rubbish, and vegetal matter. Note condition under Column (c).

(3) If any settlement or damage to the pipe, barrel, or invert of the drain has occurred, estimate the location and amount. Note particularly if any backfill has come into the pipe or been disturbed. Record observations under Column (d).

(4) Inspect the concrete portions of the structures for evidence of settlement, cracks, "pop-outs", 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 ACCEPTANCE
BY STATE RECLAMATION BOARD
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,

[Signature]

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

Enclosures
<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Project Name</th>
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<tbody>
<tr>
<td>101</td>
<td>RD 341 Sherman Island</td>
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<tr>
<td>102</td>
<td>E. Levee of Sac River, Isleton to Threemile Slough &amp; N. Levee of Threemile Slough from Sac River to SJ River</td>
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<tr>
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<td>Both Levees of Georgiana Slough &amp; E. Levee of Sac River from Walnut Grove to Isleton</td>
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<tr>
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<td>Levees around Grand Island</td>
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<tr>
<td>105</td>
<td>Levees Around Reyer Island</td>
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<tr>
<td>106</td>
<td>S. Levee Lindsey Slough &amp; W. Levee of Yolo BP from Lindsey Slough to Watson Hollow and N. Levee of Watson Hollow Drain</td>
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<td>107</td>
<td>Levees Around Hastings Tract</td>
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<td>108</td>
<td>Levees Around Peters Tract</td>
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<td>109</td>
<td>West Levee of Yolo Bypass &amp; E. Levee of Cache Slough</td>
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<td>110</td>
<td>Levees Around Sutter Island</td>
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<td>111</td>
<td>E. Levee of Sac River from Freeport to Walnut Grove</td>
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<tr>
<td>112</td>
<td>Levees Around Merritt Island</td>
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<tr>
<td>113</td>
<td>E. Levee Yolo Bypass, N. Levee Miner Slough, W. Levee Sutter Slough, Elkhorn Slough &amp; Sac River, All Bordering RD 999</td>
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<tr>
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<td>W. Levee of Sac River from Northern Boundary of RD 765 to Southern Boundary of RD 307</td>
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<tr>
<td>115</td>
<td>E. Levee of Sac River from Sutterville Rd to Northern Boundary of RD 744</td>
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<tr>
<td>116</td>
<td>W. Levee of Sac River from Sac Weir to Mi 51.2 &amp; S. Levee of Sac Bypass &amp; E. Levee of Yolo Bypass from Sac Bypass to Southern Boundary of RD 900</td>
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<td>E. Levee Sac River through City of Sac from Tower Bridge to Sutterville Rd</td>
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<td>118.1</td>
<td>E. Levee of Sac River from American River to Tower Bridge &amp; S. Levee of American River from Mayhews Downstream to Sac River</td>
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<tr>
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<td>N. Levee American River, E. Levee Natomas Canal, Both Levees Arcade Creek, S. Levee Linda Creek, &amp; Magpie Creek Diversion Channel</td>
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<td>Vegetation on Mitigation Sites E. Levee of Sac River from American River to Tower Bridge &amp; S. Levee of American River from Mayhews Downstream to Sac River</td>
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<td>Relocated Willow Slough Channel &amp; Levees &amp; W. Levee Yolo Bypass from mouth of Relocated Willow Slough to Yolo Causeway</td>
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<td>R. Levee of Yolo Bypass from Willow Slough Bypass to Woodland Rd Rd 2035</td>
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<td>W. Levee of Sac River from Mi 70.8 to Sac Weir &amp; N. Levee of Sac Bypass &amp; E. Levee of Yolo Bypass from Woodland Hwy to Sac Bypass</td>
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<td>W. Levee of Sac River from East End of Fremont Weir to Mi 70.8 &amp; E. Levee of Yolo Bypass from East End Fremont Weir to Woodland Hwy RD 1600</td>
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<tr>
<td>124</td>
<td>N. Levee of American River from Natomas E. Canal to Sac River &amp; E. Levee of Sac River from Natomas Cross Canal to American River. Includes supplement, Vegetation on Mitigation Sites.</td>
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<td>Back Levee of RD 1000</td>
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<td>Cache Creek Levees &amp; Settling Basin Yolo Bypass to High Ground</td>
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<td>Knights Landing Ridge Cut &amp; Sac River &amp; Yolo BP Levees of RD's 730 and 819 &amp; S. Levee of Sycamore Slough</td>
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<td>E. Levee of Sac River from Sutter Bypass to Tisdale Weir all within RD 1500</td>
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<td>S. Levee of Tisdale By-Pass from E. Levee Sac River to W. Levee Sutter BP &amp; W. Levee of Sutter BP Downstream to E. Levee of Sac River</td>
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<td>W. Levee Sac River from Sycamore Slough to Wilkins Slough (Mi. 89.9 to Mi. 117.8)</td>
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<td>W. Levee Sac River from Wilkins Slough to Colusa (Mi. 117.8 to Mi. 143.5)</td>
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<td>Back Levees of RD 108</td>
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<td>E. Levee of Sac River from Winship School to Tisdale BP &amp; N. Levee of Tisdale BP &amp; W. Levee of Sutter BP from Long Bridge to Tisdale BP</td>
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<td>Levees of RD 70, E. Levee of Sac River from Butte Slough Outfall Gates to Winship School &amp; W. Levee of Sutter BP from Butte Slough Outfall Gates to Long Bridge</td>
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<td>E. Levee of Sutter BP from Sutter Buttes Southerly to Junction with Feather River &amp; E. &amp; W. Levees of Wadsworth Canal &amp; Levee of Intercepting Canals</td>
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<td>E. Levee of Sac River from Butte Slough Outfall Gates to the Princeton-Afton Rd (Mi. 138.3 to Mi. 164.4)</td>
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<td>W. Levee of Sac River from North End of Princeton Warehouse to Colusa Bridge</td>
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<td>E. Levee of Sac River from Parrott-Grant Line to Princeton-Afton Rd</td>
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<td>W. Levee of Sac River from N. Boundary of LD 2 to North End of Princeton Warehouse</td>
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<td>W. Levee of Sac River in LD 1 (Mi. 170.5 to Mi. 184.7). Includes mitigation site O&amp;M manual, Yuba County</td>
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<td>141.1</td>
<td>E. Levee of Feather River from Bear River to Natomas CC &amp; S. Levee of Bear River &amp; Both Levees of Yankee Slough. Parts 1 and 2</td>
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<tr>
<td>141.2</td>
<td>E. Levee of Feather River from Bear River to Natomas CC &amp; S. Levee of Bear River &amp; Both Levees of Yankee Slough. Parts 1 and 2</td>
</tr>
<tr>
<td>142</td>
<td>Back Levee of RD 1001</td>
</tr>
<tr>
<td>143</td>
<td>W. Levee of Feather River from North Boundary of RD 823 to E. Levee of Sutter Bypass</td>
</tr>
<tr>
<td>144</td>
<td>W. Levee of Feather River from North Boundary of LD 1 to North Boundary of RD 823</td>
</tr>
<tr>
<td>145</td>
<td>E. Levee of Feather River, S. Levee of Yuba River, Both Levees of WPRR Intercepting Channel, W. Levee of South Dry Creek &amp; N. Levee of Bear River</td>
</tr>
<tr>
<td>146</td>
<td>N. Levee of Bear River &amp; S. Levee of South Dry Creek RD 817 &amp; Vicinity of Wheatland</td>
</tr>
<tr>
<td>147</td>
<td>Levee Around the City of Marysville &amp; N. Levee of Yuba River to a Point 1.8 Mi. Upstream from Marysville</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
</tr>
<tr>
<td>-----</td>
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</tr>
<tr>
<td>148</td>
<td>W. Levee of Feather River from North Boundary of RD 777 to North Boundary of LD 1</td>
</tr>
<tr>
<td>149</td>
<td>S. Levee of Yuba River Maintenance Area No. 8</td>
</tr>
<tr>
<td>151</td>
<td>E. Levee Feather River from Honcut Creek to Marysville &amp; S. Levee of Honcut Creek &amp; E. Levee of RD 10</td>
</tr>
<tr>
<td>152</td>
<td>W. Levee of Feather River from N. Boundary of RD 777 to Western Canal Intake (Levee of Drainage District No. 1)</td>
</tr>
<tr>
<td>153</td>
<td>Lower Butte Creek Channel Improvement, Colusa, Glenn &amp; Butte Counties</td>
</tr>
<tr>
<td>154</td>
<td>Mouton Weir &amp; Training Levee Sacramento River</td>
</tr>
<tr>
<td>155</td>
<td>Colusa Weir &amp; Training Levee Sacramento River</td>
</tr>
<tr>
<td>156</td>
<td>Tisdale Weir &amp; Bypass</td>
</tr>
<tr>
<td>157</td>
<td>Fremont Weir, Sacramento River</td>
</tr>
<tr>
<td>158</td>
<td>Sacramento Weir, Sacramento River</td>
</tr>
<tr>
<td>159</td>
<td>Pumping Plants No. 1, 2 &amp; 3, Sutter Bypass</td>
</tr>
<tr>
<td>160</td>
<td>Sutter Butte Canal Headgate</td>
</tr>
<tr>
<td>161</td>
<td>Butte Slough Outfall Gates</td>
</tr>
<tr>
<td>162</td>
<td>Knights Landing Outfall Gates, Sacramento River</td>
</tr>
<tr>
<td>Unit No.</td>
<td>Project Name</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Right Bank Levee of the San Joaquin River &amp; French Camp Slough within RD 404</td>
</tr>
<tr>
<td>2</td>
<td>Right Bank Levee of the San Joaquin River &amp; French Camp Slough within RD 17</td>
</tr>
<tr>
<td>3</td>
<td>North Levee of Stanislaus River &amp; East Levee of the San Joaquin River within RD 2064, 2075, 2094 and 2096</td>
</tr>
<tr>
<td>4</td>
<td>East Levee of San Joaquin River within RD 2031</td>
</tr>
<tr>
<td>5</td>
<td>East Levee of the San Joaquin River Within RD No. 2092</td>
</tr>
<tr>
<td>6</td>
<td>East Levee of the San Joaquin River in RD Nos. 2063 &amp; 2091</td>
</tr>
<tr>
<td>7</td>
<td>West Levee of San Joaquin River &amp; North Levee of Old River RD Nos. 524 &amp; 544</td>
</tr>
<tr>
<td>8</td>
<td>Right Banks of Old River &amp; Salmon Slough Within RD No. 1 &amp; RD No. 2089</td>
</tr>
<tr>
<td>9</td>
<td>Levees Around RD No. 2062 &amp; San Joaquin County Flood Control District Area No.2</td>
</tr>
<tr>
<td>10</td>
<td>West Levee of Paradise Cut RD No. 2058 &amp; SJ County Flood Control District, Area No.2</td>
</tr>
<tr>
<td>11</td>
<td>West Levee of San Joaquin River from Durham Bridge to Paradise Dam Within RD No. 2085 &amp; 2095</td>
</tr>
<tr>
<td>12</td>
<td>West Levee of San Joaquin River From Opposite Mouth of Tuolumne River Downstream to Stanislaus County Line Within RD Nos. 2099, 2100, 2101, &amp; 2102</td>
</tr>
<tr>
<td>13</td>
<td>West Levee of the San Joaquin River in RD No. 1602</td>
</tr>
</tbody>
</table>
Flood Protection and Navigation

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 a site within Reclamation District 785. Additional information about the repair and location of the site may be found in the document titled, "Project Information Report for P.L. 84-99 Levee Rehabilitation, Reclamation District 827 (Elkhorn District – Yolo Bypass) and Reclamation District 785 (Driver District – Yolo Bypass), Amendment #1 (Final)", dated June 25, 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 5. As-contracted 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.

Mitigation plantings for the above work are required but have not been completed. The estimated completion date for the plantings is Spring 2011. All mitigation plantings will be ETL 1110-2-571 compliant. After completion of the plantings, a separate letter with addendum and as-buils will be sent to you.

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 Mr. Ryan Larson at (916) 557-7568 or Mr. Robert Murakami at (916) 557-6738, Flood Protection and Navigation Section.
A copy of this letter is being furnished to Reclamation District 785, 429 First Street, Woodland, CA 95695.

Sincerely,

[Signature]

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

Enclosure
Flood Protection and Navigation Section

cc: CESPK-CO-E (Jones)
Flood Protection and Navigation Section

Mr. Jay Punia, General Manager
The Reclamation Board
State of California
3310 El Camino Avenue, Room LL40
Sacramento, California 95821

Dear Mr. Punia:

The U.S. Army Corps of Engineers (Corps) recently 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. Emergency repairs were made to rehabilitate 60-feet of eroded landside levee slope within Reclamation District 827 and located along the left bank of the Yolo Bypass at the intersection of County Road 124 and the Canal Road (Unit 2). Additional information about the repair and location of the site may be found in the document titled, Project Information Report (PIR) for PL 84-99 Levee Rehabilitation, Reclamation District 827 (Yolo Bypass) and Sacramento Maintenance Yard (Sacramento Bypass), dated October 25, 2006.

This work meets the requirements of the existing Operation and Maintenance Manuals (O&M) for the PL 84-99 Rehabilitation and Inspection Program (RIP); and therefore, said flood control work is transferred as of the date of this letter to the State of California for operation, maintenance, repair, replacement, and rehabilitation (OMRR&R).

The repairs were completed by Nordic Industries in accordance with Specification Number 1137E, Design File Number 4-04-6265, Contract Number W91238-04-D-0002, and Task Order Number 0008. As-constructed drawings and revisions to the Operation and Maintenance Manual are enclosed.

If you have any questions regarding this project, please contact Mr. Lester Schmittner, Civil Works Branch at (916) 557-7812. 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.

Sincerely,

Thomas C. Chapman, P.E.
Colonel, U.S. Army
District Engineer

Enclosure

CF:
Mr. Dan Ramos, President, Reclamation District 827, P.O. Box 175, 1450 Harbor Blvd., Suite B, West Sacramento, CA 95691
cc:
CESPK-PM-C (Schmittner)
CESPK-CO-OR (Murakami)
CESPK-CO-OR (Readiness)
CESPK-CO-RS
CESPK-ED
CESPK-ED-D
CESPK-PM
CESPK-PD-A (Ngim)
November 30, 1987

Navigation and Flood Control Unit

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

Members of the Board:

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

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

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (PL 86-645, July 14, 1960), and Section 2304(a), Title 10, and the Water Resources Development Act of 1986 (PL 99-662, October 17, 1986), and now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said work together with the waterway bank contiguous, thereto, is transferred as of November 25, 1987 to the State of California for operation and maintenance.
This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 116, 122, Part-1, 123, 124, 127, 128 and 130, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

Sincerely,

Wayne J. Scholl
Colonel, Corps of Engineers
District Engineer

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

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

(1145) RONPALA/mk

KELLY

A. SMITH

HELM

FAST

DENNIS

CZARZASTY

SCHOLL

WANG #8856a
January 13, 1967

Navigation and Flood Control Silt

The Reclamation Board
State of California
1416 - 5th Street, Room 435-6
Sacramento, California 95814

Members of the Board:

You are hereby notified that the Corps of Engineers has
completed emergency repairs to project levees under authority of
Section 3 of the Flood Control Act of August 18, 1941, as amended
(Public Law 99, 64th Congress, 1st Session). The work was
completed on November 17, 1966, and consists of restoring portions of the Yolo Bypass left bank levees in Reclamation
Districts 537, 705, 827 and 1000, the Sacramento Sypsoe right bank
levees and the Sacramento River right bank levee in Reclamation
District 1600 in accordance with Contract Number SACN05-86-c-0113
and Drawing Number 80-4-5776. This work shall be maintained in
accordance with the assurance which your Board provided for the
Sacramento River Flood Control Project. This portion of the work
will be added by amendment to the Operation and Maintenance
Manual, Supplement Numbers 118, 122, and 123, Sacramento River
Flood Control Project. Copies will be furnished to your office at
a later date.

cc:
E.M. (Garrett)

Ops Br
Engr Div (Civ Des Sec D - Pahl)
Valley Res Ofc (Cameron)

Sincerely,

Mayne J. Scholl
Colonel, Corps of Engineers
District Engineer

Copies furnished:

Commander, South Pacific Division, ATTN: SFDG00-0
DN, ATTN: J. Amoli
DNR, ATTN: G. Snow

SACR Picture LEVEE RB IN RD 1600

Units 116, 122, 123

WANG #6286a
January 18, 1967

Navigation and Flood Control Unit

The Resignation Board
State of California
14th – 5th Street, Room 435-e
Sacramento, California 95814

Members of the Board:

You are hereby notified that the Corps of Engineers has completed emergency repairs to project levees under authority of Section 3 of the Flood Control Act of August 18, 1941, as amended (Public Law 90, 84th Congress, 1st Session). The work was completed on November 3, 1966, and consisted of repairs to the Sacramento River Weir, in accordance with Contract Number DA-09-36-C-0116 and Drawing Number 5023-3769. This work shall be maintained in accordance with the assurance which your Board provided for the Sacramento River Flood Control Project. This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement Numbers 115, 119 and 176, Sacramento River Flood Control Project. Copies will be furnished to your office at a later date.

Sincerely,

E.M. (Garrett)
Ops Br
Engr Div (Civ Des Sec D – Pahl)
Valley Res Ofc (Cameron)

Wayne J. Scholl
Colonel, Corps of Engineers
District Engineer

Copies furnished:

Commander, South Pacific Division
ATTN: J. Angel
DTX, Attn: Q. Know

Rompall jg
Pck
Kelly
A. Smith
Hein
FAST
Dennis
McCollam
Scholl
Wang #6290

[Signature]

Los Riveir Weir

Units 1101/58/122
December 22, 1986

Navigation and Flood Control Unit

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

Members of the Board:

This is in regard to the joint inspection of December 16, 1986, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 384), 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 92.4, 92.8, 111.4, 114.8, 115.6 and 117.7.

The site was completed on December 16, 1986, in accordance with Contract Number DACW05-86-C-0079, Specification Number 7002 and Drawing Number 50-6-3714.

The work was performed under general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session (PL 86-643, 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 Project. Therefore, said work together with the waterway bank continuous, thereto, is transferred as of December 22, 1986 to the State of California for operation and maintenance.

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

Sincerely,

A. Smith

Acting Commander

Copies Furnished

Mr., ATTN: G. Snow
Mr., ATTN: J. Angelo

Commander, South Pacific Division, ATTN: SPDCO-0
November 14, 1984

Navigation and Flood Control Unit

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

Members of the Board:

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

Sincerely,

Arthur E. Williams
Colonel, Corps of Engineers
District Engineer

Copy Furnished:

Commander, South Pacific Division, ATTN: SPDCO-O
DWR, ATTN: M. Lutropp
DEC 7 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 October 29, 1981, concerning the transfer of a portion of the Sacramento River Bank Protection Project, Unit No. 34A, Elkhorn Regional Park, to the State of California, for operation and maintenance.

The work consisted of selective clearing, bank sloping, placement of stone bank protection, and the construction of a concrete boat launching ramp, parking area, and access road on the Sacramento River Right Bank at Site Mile 69.5 in Yolo County.

The work was constructed in a workmanlike manner and in conformance with File No. 50-4-5448, Specification No. 5580, and Contract No. DACW05-81-C-0070, insofar as could be determined visually.

The Reclamation Board at its regular meeting of November 20, 1981, formally accepted from the District Engineer, for operation and maintenance, the completed work on the above-referenced site.

Sincerely,

ELDON E. RINEHART
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
The Reclamation Board  
State of California  
1416 Ninth Street, Room 335  
Sacramento, CA  95814  

Members of the Board:  

This is in regard to the joint inspection of 15 October 1981, made for the  
purpose of transferring the Elkhorn Regional Park, a portion of the Sacramento  
River Bank Protection Project (Unit 34A), to the State of California for  
maintenance.  

The work consisted of a boat ramp, parking area, access road and stone  
protection within the Sacramento River right bank at Site Mile 69.5+ in Yolo  
County. The park was completed on 15 October 1981 in accordance with Contract  
No. DACW05-81-C-0070, Specification No. 5580, and Drawing No. 50-4-5448.  

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. Therefore, said work is transferred as of 15 October 1981 to the  
State of California for maintenance.  

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

Sincerely,  

PAUL F. KAVANAUGH  
Colonel, CE  
District Engineer  

Copy furnished:  
DWR ATTN: G. Piazza  
AND D. Meixner  

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

Dear Colonel Kavanaugh:

The Reclamation Board at its regular meeting of December 14, 1979, authorized me to accept the completed flood control work from the District Engineer. This work is a portion of Unit No. 34B of the Sacramento River Bank Protection Project. The work was transferred to the State of California by your letter of December 3, 1979.

The flood control work was constructed in a workmanlike manner and in conformance with File No. 50-4-5542, Specification No. 5760, and Contract No. DACW05-79-C-0081, insofar as could be determined visually, at Site Mile 68.5 Right Bank, Sacramento River.

Sincerely,

[Signature]

ELDON E. RINEHART  
General Manager

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED
The Reclamation Board
State of California
1416 - 9th Street, Room 335
Sacramento, California 95814

Gentlemen:

This is in regard to the joint inspection of 30 November 1979, made for the purpose of transferring a portion of the Sacramento River Bank Protection Project (Unit 34B), to the State of California for Operation and Maintenance. The flood control work consists of bank sloping and placing 730' (Sta. 1+60 to 8+90) of stone protection on the Sacramento River right bank at Site Mile 68.5. The site was completed on 30 November 1979 in accordance with Contract No. DACW05-79-C-0081, Specification No. 5760 and Drawing No. 50-4-5542.

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 30 November 1979 to the State of California for operation and maintenance.

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement No. 122, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely,

PAUL F. KAVANAUGH
Colonel, CE
District Engineer

Copy furnished:
DWR, ATTN: R. Franson
DWR, ATTN: D. Meixner
JUL 27 1979

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

Dear Colonel Kavanaugh:  

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

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

Sincerely,  

Eldon E. Rinehart  
ELDON E. RINEHART  
General Manager  

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  

EXHIBIT F
The Reclamation Board
State of California
1416 – 9th Street, Room 335
Sacramento, California 95814

done

Gentlemen:

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

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

Sincerely,

[Signature]

DONALD M. O’SHEA
Colonel, CE
District Engineer

1 incl
As stated

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

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

[Handwritten Notes and Stamps]
Summary of Sacramento River
Bank Protection Project
Portion of Unit 30
Sacramento River Right Bank

<table>
<thead>
<tr>
<th>Site Mile</th>
<th>Stone Protection</th>
<th>L. F.</th>
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<tbody>
<tr>
<td>70.4</td>
<td>3+00 to 13+55</td>
<td>1055</td>
</tr>
<tr>
<td>72.1</td>
<td>6+55 to 15+50</td>
<td>895</td>
</tr>
<tr>
<td>75.9</td>
<td>30+00 to 35+90</td>
<td>590</td>
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<tr>
<td>76.4</td>
<td>0+50 to 5+00</td>
<td>450</td>
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<tr>
<td>76.9</td>
<td>56+90 to 58+60</td>
<td>170</td>
</tr>
<tr>
<td>77.1</td>
<td>45+10 to 48+20</td>
<td>310</td>
</tr>
<tr>
<td>77.4</td>
<td>30+75 to 34+50</td>
<td>375</td>
</tr>
<tr>
<td>77.9</td>
<td>5+96 to 12+36</td>
<td>640</td>
</tr>
</tbody>
</table>
Feb 9, 1971

File No: 4130.55.605
Your Contract: DACW05-70-C-0111

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

Dear Sir:

Reference is made to your letter of September 15, 1970, concerning transfer to the State of California of one rock revetment site on the east levee of the Yolo Bypass, from the Sacramento Bypass Upstream, for maintenance and operation.

This work was constructed in conformance with Specification No. 3769, Contract No. DACW05-70-C-0111, Drawing No. 50-4-4529.

The Reclamation Board at its meeting of October 9, 1970, 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
District Engineer  
U. S. Army Corps of Engineers  
650 Capitol Mall  
Sacramento, California 95814

Subject: 4130.60.204  
Your Contract 70-C-000E  
Sacramento River Bank Protection  
Project, Unit No. 16

Dear Sir:

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

The work sites inspected were as follows:

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

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

Sincerely yours,

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

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

Gentlemen:

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

The flood control work consists of levee setback, bank sloping and placement of stone bank protection on the Sacramento River left bank at Site Miles 61.0, 89.6, 95.4 & 95.6, and right bank at Site Miles 70.4, 71.5, 71.9, 77.0, 77.8, 84.5 & 96.8. A list covering the completed work is enclosed. The work was completed on 23 September 1970 in accordance with Specification No. 3390, Contract No. DACW05-70-C-0008, Drawing No. 50-4-4310.

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

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

Sincerely yours,

JAMES H. HIGMAN
Lieutenant Colonel, CE
Acting District Engineer

1 Incl (in dupe) as stated

Copy furnished:
DHR, ATTN: John Wright
OCE
SPD

cc: Engr-Lev&Chan; Engr-Prog Dev; Valley; F&A(Cordano)
# Summary of Sacramento River Bank Protection Project - Unit 16, Sacramento

## Left Bank

<table>
<thead>
<tr>
<th>Site Mile</th>
<th>Levee Setback Station</th>
<th>L.F.</th>
<th>Stone Protection Station</th>
<th>L.F.</th>
<th>Stone Toe Wall Station</th>
<th>L.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>61.0</td>
<td></td>
<td></td>
<td>34+00 to 43+00</td>
<td>900</td>
<td>34+00 to 35+40</td>
<td>140</td>
</tr>
<tr>
<td>89.6</td>
<td></td>
<td></td>
<td>0+00 to 5+00</td>
<td>500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95.4</td>
<td></td>
<td></td>
<td>10+00 to 18+00</td>
<td>800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95.6</td>
<td></td>
<td></td>
<td>0+00 to 6+57</td>
<td>657</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Right Bank

<table>
<thead>
<tr>
<th>Site Mile</th>
<th>Levee Setback Station</th>
<th>L.F.</th>
<th>Stone Protection Station</th>
<th>L.F.</th>
<th>Stone Toe Wall Station</th>
<th>L.F.</th>
</tr>
</thead>
<tbody>
<tr>
<td>70.4</td>
<td></td>
<td></td>
<td>-0+25 to 1+00</td>
<td>125</td>
<td>-0+25 to 1+00</td>
<td>125</td>
</tr>
<tr>
<td>71.5</td>
<td></td>
<td></td>
<td>45+00 to 64+00</td>
<td>1900</td>
<td>51+00 to 52+20</td>
<td>40</td>
</tr>
<tr>
<td>71.9</td>
<td></td>
<td></td>
<td>34+00 to 41+00</td>
<td>700</td>
<td>59+30 to 60+83</td>
<td>153</td>
</tr>
<tr>
<td>77.0</td>
<td></td>
<td></td>
<td>166+00 to 172+00</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>77.85</td>
<td></td>
<td></td>
<td>130+00 to 133+00</td>
<td>300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>83.45</td>
<td></td>
<td></td>
<td>491+61 to 481+93</td>
<td>968</td>
<td></td>
<td></td>
</tr>
<tr>
<td>84.5</td>
<td></td>
<td></td>
<td>0+00 to 7+45</td>
<td>745</td>
<td>1+78 to 5+90</td>
<td>312</td>
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<tr>
<td>96.8</td>
<td>9+00 to 16+00</td>
<td>700</td>
<td></td>
<td>600</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Reclamation Board  
State of California  
1416 - 9th Street, Room 1335  
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection on 4 September 1970, made for the purpose of transferring one completed rock revetment site on the east levee of the Yolo Bypass to the State of California for operation and maintenance. The site starts on the east levee upstream from the Sacramento Bypass and runs upstream for a distance of 10,515 feet.

The work consists of 6,170 feet of rock revetment and was completed on 1 September 1970 in accordance with Specification No. 3769, Contract No. DAGWO5-70-C-0111, and Drawing No. 50-4-4529 Sacramento River Major & Minor Tributaries Flood Control Project, which was authorized by the Flood Control Act of 22 December 1944 (Public Law 534, 78th Congress, 2nd Session).

The above flood control work now meets the requirements of the Sacramento River Major & Minor Tributaries Flood Control Project. Therefore, said flood control work together with the waterway banks contiguous thereto, are transferred, as of 1 September 1970, to the State of California for operation and maintenance. This portion of the project work will be added by amendment to the Operation & Maintenance Manual, Supplement No. 122, Sacramento River Flood Control Project, and furnished to your office at a later date.

Sincerely yours,

JAMES H. HIGHMAN  
Lieutenant Colonel, CE  
Acting District Engineer

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

cc:  
Engr Div-Lev & Chan  
Engr Div-Prog Dev  

Valley Res Ofc  
F&A (Cordano)
District Engineer  
Corps of Engineers  
U. S. Army  
650 Capitol Mall  
Sacramento, California  95814  

Dear Sir:

Reference is made to your letter of November 22, 1968 concerning  
transfer to the State of California of the Sutter and Yolo Bypass Levee  
Revetment Project, Sites 1, 2, 3 and 4 for maintenance and operation.  

This work was constructed in accordance with Specification No. 3492,  
Contract No. DACW05-C-0077, Drawing No. 50-4-4393.  

The Reclamation Board, at its meeting of December 20, 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
The Reclamation Board  
State of California  
1416 – 9th Street, Room 1335  
Sacramento, California  95814

Gentlemen:

Reference is made to the joint inspection of 21 November 1968, made for the purpose of transferring four completed rock revetment sites to the State of California for operation and maintenance. This work consists of two sites on the Yolo Bypass east levee and one site each on the Sutter Bypass east and west levees, as delineated on the attached enclosure. The work was constructed as part of the Sacramento River Major and Minor Tributaries Flood Control Project and completed on 5 November 1968, in accordance with Specification No. 3492, Contract No. DACEW5-68-C-0077, Drawing No. 50-4-4393.

The work was performed under the general authority of the Flood Control Act of 22 December 1944 (Public Law 534, 78th Congress, 2nd Session) and now meets the requirements of the Sacramento River Major and Minor Tributaries Flood Control Project. Therefore, said work, together with 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 Nos. 122, 129 and 135, Sacramento River Major and Minor Tributaries Flood Control Project, and furnished to your office at a later date.

Sincerely yours,

CRAFORD YOUNG
Colonel, CE
District Engineer

CERTIFIED MAIL

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

RETURN RECEIPT REQUESTED
### Summary of Sacramento River Major & Minor Tributaries Project

**Contract No. 68-C-0077**

#### Yolo Bypass Left Bank:

<table>
<thead>
<tr>
<th>Site</th>
<th>Stone Protection Station</th>
<th>Lineal Feet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>102+00 to 116+00</td>
<td>1400 feet</td>
<td>1.8 mile upstream from Sacramento Bypass</td>
</tr>
<tr>
<td>2.</td>
<td>254+00 to 316+00</td>
<td>*6030 feet</td>
<td>Downstream from State Highway 16</td>
</tr>
</tbody>
</table>

#### Sutter Bypass Right Bank:

<table>
<thead>
<tr>
<th>Site</th>
<th>Lineal Feet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>426+43 to 481+50</td>
<td>5507 feet Downstream from Karnak Pump</td>
</tr>
</tbody>
</table>

#### Sutter Bypass Left Bank:

<table>
<thead>
<tr>
<th>Site</th>
<th>Lineal Feet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>0+00 to 3+60</td>
<td>360 feet Near Gilsizer Slough</td>
</tr>
</tbody>
</table>

*170 feet by others*
Dec 21 1967
4130.55.604

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

Dear Sir:

Reference is made to your letter of November 28, 1967 concerning transfer to the State of California of three completed rock revetment sites on the east and west levees of the Yolo Bypass, in accordance with Specification No. 3418.

The Reclamation Board, at its meeting of December 15, 1967, 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
December 8, 1967
4130.60.202

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

Dear Sir:

Reference is made to your letter of November 17, 1967 concerning transfer to the State of California of revegetation portion of the Sacramento River Bank Protection Project, Unit 5A, in accordance with Specification No. 3429.

The Reclamation Board, at its meeting of December 1, 1967, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

/s/ A. E. McCollam
A. E. McCollam
General Manager
The Reclamation Board  
State of California  
1416 - 9th Street, Room 1335  
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection on 21 November 1967, made for the purpose of transferring three completed rock revetment sites on the east and west levees of the Yolo Bypass, to the State of California for operation and maintenance. The first site starts on the east levee, 3.0 miles upstream from the Sacramento Bypass and runs upstream for a distance of 8,000 feet. The second site starts on the east levee, 2,100 feet upstream from Interstate 80 and runs downstream for a distance of 1,220 feet. The third site starts on the west levee, 0.9 mile upstream from Liberty Farms headquarters and runs downstream 5,640 feet.

The work was completed on 21 November 1967, in accordance with Specification No. 3418, Contract No. DAGW05-67-C-0062, and Drawing No. 50-4-4348. This work was performed under the general authority of the Sacramento River Major & Minor Tributaries Flood Control Project, which was authorized by the Flood Control Act of 22 December 1944 (Public Law 534, 78th Congress, 2nd Session).

The above Flood Control work now meets the requirements of the Sacramento River Major & Minor Tributaries 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.

This portion of the project work will be added by amendment to the Operation & Maintenance Manual, Supplement Nos. 109, 116 & 122, Sacramento River Flood Control Project, and furnished to your office at a later date.

Sincerely yours,

CRAWFORD YOUNG  
Colonel, CE  
District Engineer

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

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

Copy furnished:  
Dept Water Resources  
O.C.E. & SPD
Gentlemen:

Reference is made to the joint inspection of 14 November 1967, made for the purpose of transferring the levee re-vegetation portion of the Sacramento River Bank Protection work (Unit 5A), to the State of California for maintenance.

This levee re-vegetation consisting of planting groups of trees and shrubs on the Sacramento River right bank slope and berm between Site Mile 63.8 and Site Mile 66.0 was performed under the general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session; and Section 2304(a)(1), Title 10. The work was completed on 15 November 1967, in accordance with Specification No. 3429, Contract No. DAGW05-67-C-0052, Drawing No. 6-4-2095 and accordingly, is transferred to the State of California for maintenance.

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement No. 182, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

CRAWFORD YOUNG
Colonel, CE
District Engineer

Copy furnished:
Dept Water Resources
OCE
SPD

cc: Engr-Lev&Chan
Engr-Prog Dev
Valley
F&A (Cordano)
District Engineer  
Corps of Engineers  
U. S. Army  
650 Capitol Mall  
Sacramento, California

Dear Sir:

Reference is made to your letter of November 29, 1966 concerning transfer to the State of California of the Bypass Levee Revetment, East Levee Yolo Bypass, Sites I and II, in accordance with Specification No. 3330.

The Reclamation Board, at its meeting of December 1, 1966, formally accepted the above referred to work for operation and maintenance.

Sincerely yours,

A. E. McCOLLAM
General Manager

JHMacC:pa

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
District Engineer
Corps of Engineers
U. S. Army
650 Capitol Mall
Sacramento, California

Dear Sir:

Reference is made to your letter of October 26, 1966 concerning transfer to the State of California of the Sacramento River Bank Protection Project, Unit No. 6A, Sites Mile 39.5 and 65.5 right bank, in accordance with Specifications No. 3353.

The Reclamation Board, at its meeting of November 17, 1966, formally accepted the work completed at Site Mile 65.5 and transferred it to Reclamation District No. 537 for operation and maintenance. The work completed at Site Mile 39.5 was accepted and transferred to Reclamation District No. 150 for operation and maintenance with the provision that the cottonwood trees left standing within the limits of the rock slope protection be removed.

Sincerely yours,

A. E. McCollam
General Manager

JHMacC:pa

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
The Reclamation Board  
State of California  
1416 - 9th Street, Room 1335  
Sacramento, California 95814

Gentlemen:

Reference is made to the joint inspection on 22 November 1966, made for the purpose of transferring two completed rock revetment sites to the State of California for operation and maintenance. This rock revetment work was placed on the east levee of the Yolo Bypass at two sites. One site starts at the Sacramento Bypass and runs for a distance of 5,800 feet to the S.P. Railroad. The other site starts 2.2 miles upstream from the Sacramento Bypass and runs for a distance of 6,380 feet.

The work was completed on 4 November 1956, in accordance with Specification No. 3330, Contract No. DA-04-167-CIVENG-66-134, and Drawing No. 50-4-4214. This work was performed under the general authority of the Sacramento River Major and Minor Tributaries Flood Control Project, which was authorized by the Flood Control Act of 22 December 1944 (Public Law 534, 78 Congress, 2nd Session).

The above Flood Control work now meets the requirements of the Sacramento River Major and Minor Tributaries Flood Control Project. Therefore, said flood control work is hereby 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. 116 and 122, Sacramento River Flood Control Project, and furnished to your office at a later date.

Sincerely yours,

T. S. MEADE  
Lieutenant Colonel, CE  
Acting District Engineer

EXHIBIT F
The Reclamation Board  
State of California  
1416 - 9th Street, Room 1336  
Sacramento, California  95814

Gentlemen:

Reference is made to the joint inspection of 19 October 1966, made for the purpose of transferring a portion of the Sacramento River Bank Protection work to the State of California for operation and maintenance.

The flood control work consisted of 2,460 feet of bank sloping and placement of bank protection on Sacramento River, Site Mile 39.5, right bank and miscellaneous ramps, gates and ditches at Site Mile 55.5, right bank. The work was completed on 7 October 1966, in accordance with Specification No. 3353, Contract No. DA-04-167-CIVENG-66-146, Drawing No. 50-b-1267.

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

This completed flood control work now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said control work 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 Nos. 112 and 122 Part No. 1, Sacramento River Flood Control Project, and furnished your office at a later date.

Sincerely yours,

Crawford Young  
Colonel, CS  
District Engineer

Copy furnished:  
Dept Water Resources  
OCE & SPD  
cc: Lev & Chan; Prog Dev; Valley Res; F&A(Cordano)

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED
District Engineer  
Corps of Engineers  
U. S. Army  
650 Capitol Mall  
Sacramento, California

Dear Sir:

Reference is made to the Sacramento River Bank Protection Project, Unit No. 5, Specification No. 3025, to your letter of May 27, 1966 and to our letter of acceptance dated February 18, 1966.

The completion of work on the irrigation pumps associated with the above project has been completed satisfactorily. This eliminates the condition imposed in our acceptance of this project as stated in our letter of February 18, 1966.

It is understood that additional work involved in this area will be accomplished by means of Sacramento River Bank Project Project, Unit No. 6-A.

Sincerely yours,

A. E. McCOLLAM  
General Manager

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

Gentlemen:

Reference is made to the joint inspection made on 27 May 1966, and to our letter dated 4 January 1966, 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 remaining work on the six pumps at Stations 104+12, 96+21, 110+57, 115+48, 122+09 and 125+41 was completed on 23 May 1966, in accordance with Specification No. 3025, Contract No. DA-04-017-CIVENG-65-132 and Drawing No. 50-4-3756.

The work was performed under the general authority of the Sacramento River Bank Protection Flood Control Act of 1960, 66th Congress, 2nd Session, Section 236(h)(17), Title 10, U.S.C.A.

The flood control work as described above now meets the requirements of the Sacramento River Bank Protection Project. Therefore, said flood control work is transferred to the State of California for operation and maintenance.

Sincerely yours,

ROBERT E. MATHE
Colonel, CE
District Engineer

Copy furnished:
Dept Water Resources

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

cc: Lev&Chan  
Prog Dev  
Valley Res  
F&A (Cordano)
THE RECLAMATION BOARD
State of California
February 18, 1966

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

Dear Sir:

Reference is made to your letter of January 4, 1966 concerning transfer to the State of California of the Sacramento River Bank Protection Project, Contract No. 5 Monument Bend to Sacramento Weir, Right Bank, in accordance with Specification No. 3025.

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

This work was accepted with the condition that the irrigation facilities presently incompletely must be operable before the beginning of the 1966 irrigation season.

Sincerely your,

/a/ A. E. McCollam
A. E. McCollAM
General Manager
The Reclamation Board  
State of California  
1416 - 9th Street, Room 1335  
Sacramento, California  95814

Gentlemen:

Reference is made to the joint inspection made on 21 December 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 setback, shaping and placement of bank protection on the right bank of the Sacramento River from Monument Bend to the Sacramento Weir, as listed on the attached inclosure, was completed on 22 December 1965, with the exception of the installation of six pumps at Stations 104+12, 96+21, 110+37, 115+48, 122+09 and 145+41, in accordance with Specification No. 3025, Contract No. IA-04-167-CIVER-65-132, and Drawing No. 50-4-3796.

The work was performed under the general authority of the Sacramento River Bank Protection Flood Control Act of 1960, 86th Congress, 2nd Session, Section 2304(a)(17), Title 10 U.S.C.A.

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

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

Sincerely yours,

ROBERT E. WATKIS  
Colonel, CE  
District Engineer

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
cc: Lev & Chan; Prog Dev; Valley Res; F&A (Cordano)
<table>
<thead>
<tr>
<th>STAGE OF SACRAMENTO RIVER BFE</th>
<th>BANK PROTECTION REMEDY</th>
<th>SPREAD PROTECTION REMEDY</th>
<th>LEVEE PROTECTION REMEDY</th>
<th>LEVEE ENCROachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.19 ft</td>
<td>60-90</td>
<td>60-90</td>
<td>60-90</td>
<td>0-90</td>
</tr>
<tr>
<td>0.19 to 0.30 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>0-90 to 25-00</td>
</tr>
<tr>
<td>0.30 to 0.43 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>25-00 to 45-00</td>
</tr>
<tr>
<td>0.43 to 0.6 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>45-00 to 60-00</td>
</tr>
<tr>
<td>0.60 to 0.8 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-00 to 80-00</td>
</tr>
<tr>
<td>0.80 to 1.0 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>80-00 to 100-00</td>
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<tr>
<td>1.00 to 1.2 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>100-00 to 120-00</td>
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<tr>
<td>1.20 to 1.4 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>120-00 to 140-00</td>
</tr>
<tr>
<td>1.40 to 1.6 ft</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>60-90 to 130-00</td>
<td>140-00 to 160-00</td>
</tr>
</tbody>
</table>

*Unreadable note on the bottom right of the page: Unit 1022*
January 24, 1961

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 29, 1960, File SPKKO-C, regarding transfer to the State of emergency levee repair work on the right bank, Sacramento River at Marty's Bend in the vicinity of River Mile 66.6.

The Reclamation Board, at its meeting of January 19, 1961, formally accepted this levee section for operation and maintenance.

Sincerely yours,

A. N. Murray
General Manager and Chief Engineer
The Reclamation Board  
State of California  
1215 "Q" Street  
Sacramento 1A, California

Gentlemen:

Reference is made to emergency repair work on the Sacramento River Flood Control Project on the right bank of the Sacramento River at Marty’s Bend in the vicinity of River Mile 66.6.

The emergency repair work was completed under the general authority of Public Law 99, 84th Congress, 1st Session, and consists of a set-back levee constructed in accordance with Specification No. 2715, Contract No. DA-04-007-CIVENG-61-H5 and Drawing No. 50-H-3676.

The above work as completed is hereby transferred to the State of California for operation and maintenance and now becomes the project levee replacing the levee reach in this area transferred to the State on 2 December 1951.

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

Sincerely yours,

N. R. BITTIKOFER  
Lt Colonel, CE  
Acting District Engineer

Copy furnished:  
Dept Water Res.  
23rd & "R" Sts.  
Sacramento, Calif.  
C.E.  
S.P.D.

cc: Engr Divn - Levees & Channels  
Engr Divn - Program Dev. Br.  
Northern Area Office
December 18, 1958

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

Gentlemen:

Reference is made to your letter of July 18, 1958, file number SPKCO-P 82h.3 (Sac. Riv. F.C.P.), regarding the responsibility for operation and maintenance of the levee section listed as unit No. 62h and located on the right bank of the Sacramento River extending from Mile 66.9 to Mile 68.3, together with the waterway bank contiguous thereto.

The Reclamation Board at its meeting of August 6, 1958, formally accepted the maintenance responsibility for the above described area described in the first, second, and third paragraphs of your letter under the conditions outlined in your letter.

Yours very truly,

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

By
WILLIAM A. CARVER
Assistant Secretary

WAC: 1b
To the Division Board
State of California
1219 6th Street
Sacramento, California

Gentlemen:

Reference is made to the District engineer's letter dated 1 June 1956 suggesting a joint inspection of a certain levee section 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. Reference is also made to the joint inspection of this levee section made on 12 June 1956.

The required work on the levee section referred to above was completed on 15 July 1956 in accordance with specification No. 9295, Contract No. 8d-03-167-011/00-50-15 and Tracing No. 50-4-3055. This levee section is listed as Unit No. 624 and is located on the right bank of the Sacramento River extending from mile 66.9 to mile 68.3.

The levee section described above now meets the requirements of the Sacramento River Flood Control Project; therefore, said levee section, together with the waterway bank contiguous thereto, is hereby transferred to the State of California for operation and maintenance.

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations, included hereafter, which have been prescribed by the Secretary of the Army pursuant to Section 5 of the Act of Congress, approved 22 June 1956, 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 166.10(10) of these regulations, a supplement to the standard operation and maintenance manual covering this unit of work is in process of preparation and will be furnished to you upon completion.

Unit 624
A copy of this letter is being transmitted to the Department of Water Resources.

Sincerely yours,

BRUCE W. REAGAN
Lt Col, CE
Acting District Engineer
District Engineer
Sacramento District
U. S. Corps of Engineers
P. O. Box 1739
Sacramento, California

Dear Sir:

Reference your letter, File No. SPK0-P 824.3 (Sac. Riv. F.C.P.) dated 3 Aug 1953, wherein a section of levees located along the westerly bank of the Sacramento River, from Mile 65.9 to 66.4, in Reclamation District No. 537, Yolo County, was transferred to the State of California.

The Reclamation Board, on behalf of the State of California, in meeting held August 5, 1953, accepted subject section of levees for operation and maintenance.

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

By
DONALD D. LEMMON
Assistant Secretary

DDL:emw
cc: State Engineer
The Reclamation Board  
State of California  
1100 "G" Street  
Sacramento, California  

Gentlemen:

Reference is made to District Engineer's letter dated 28 July 1953, wherein a date for a joint inspection was set for the purpose of transferring to the jurisdiction of the State of California, when completed, a section of levee under construction covered under the Sacramento River Flood Control Project located along the westly bank of the Sacramento River, from Mile 65.9 to 66.4, in Reclamation District No. 537, Yolo County, California. Reference is also made to joint inspection made of this levee on 28 July 1953.

The construction of the levee referred to above has been completed on 31 July 1953 in accordance with Specification No. 1796, Drawing File No. 50-L-2967 under Contract No. DA-04-167-eng-1023. This levee forms an integral part of the Sacramento River Flood Control Project, therefore said levee section, together with the waterway bank contiguous thereto, is hereby transferred to the State of California for operation and maintenance.

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations, enclosed 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. As provided under Paragraph 208.10 (10) of these regulations, a maintenance manual covering this section of levee is in process of preparation and will be furnished to you upon completion.
A copy of this letter is being transmitted to the State Engineer.

FOR THE DISTRICT ENGINEER:

1 Incl.
1. Flood Control Regulations

Copy Furnished:
The State Engineer
Department of Public Works
Chief of Engineers
Department of the Army
Division Engineer
South Pacific Division
Engr. Div.
C. DeArrieta (2)

Sincerely yours,

EARL G. PEACOCK
Lt Col, CE
Executive Officer
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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Date of Letter</th>
<th>Levee Location</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 Dec.1951</td>
<td>N. and S. Training* Levees Moulton Weir</td>
<td>Maintained by State</td>
</tr>
<tr>
<td>2</td>
<td>3 Dec.1951</td>
<td>W. Levee Sacramento River, Mile 177.5 Mile 174.1</td>
<td>Maintained as Maintenance Area No. 2</td>
</tr>
<tr>
<td>4</td>
<td>6 Dec.1951</td>
<td>Back Levee Egbert District*</td>
<td>Maintained by State. Waterward slopes on 4 to 1 not required.</td>
</tr>
<tr>
<td>5</td>
<td>6 Dec.1951</td>
<td>W. Levee Yolo By-pass Lindsey Slough to Watson Hollow Drain*</td>
<td>Maintained by R. D. No. 536</td>
</tr>
<tr>
<td>6</td>
<td>Do</td>
<td>N. Levee Watson Hollow Drain*</td>
<td>Maintained by R. D. No. 536</td>
</tr>
<tr>
<td>8</td>
<td>Do</td>
<td>W. Levee Sacramento Riv. Mile 50.8 to 50.5</td>
<td>Bank protection contract. Maintained by R. D. No. 765</td>
</tr>
<tr>
<td>No.</td>
<td>Date of Letter</td>
<td>Levee Location</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
<td>---------------</td>
<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>6</td>
<td>6 Dec, 1951</td>
<td>Levees of Wadsworth Canal, South levees of E. and W. Intersecting Canals.</td>
<td>Maintained by State. Waterward slopes on 4 to 1 not required.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Site 1, Part B, E. Levee Sacramento River-Mile 15.0 Brannan Island.</td>
<td>Completed contract.</td>
</tr>
<tr>
<td>8</td>
<td>8 Dec, 1951</td>
<td>W. Levee Sacramento River Mile 163.8 to Mile 143.5 except 320 ft. at Colusa Warehouse &amp; Mile 146.1 to Mile 146.4.</td>
<td>Maintained as Maintenance Area No. 1.</td>
</tr>
<tr>
<td></td>
<td>Do</td>
<td>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.</td>
<td>Maintained by State Separate completed contracts.</td>
</tr>
<tr>
<td></td>
<td>Do</td>
<td>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.</td>
<td>Maintained by R.D. No. 70, Completed contracts.</td>
</tr>
<tr>
<td></td>
<td>Do</td>
<td>West Levee, Sutter By-pass</td>
<td>Maintained by R.D. Nos. 70, 1660, 1500. Condition upon completion of remaining part to standard section.</td>
</tr>
<tr>
<td>8</td>
<td>Do</td>
<td>North Levee Tisdale By-pass</td>
<td>Maintained by R.D. No. 1660. Waterward slope of 4 to 1 not required.</td>
</tr>
<tr>
<td>74</td>
<td>Do</td>
<td>South Levee Tisdale By-pass</td>
<td>Maintained by R.D. No. 1500. Waterward slope of 4 to 1 not required.</td>
</tr>
<tr>
<td>75</td>
<td>Do</td>
<td>East Levee Sutter By-pass</td>
<td>Maintained by State.</td>
</tr>
<tr>
<td>76</td>
<td>Do</td>
<td>W. Levee Sacramento River Mile 35.15 to 35.86.</td>
<td>Maintained by R.D. No. 150 (Merritt Island). Completed contract bank protection.</td>
</tr>
<tr>
<td>No.</td>
<td>Date of Letter</td>
<td>Levee Location</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
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<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>11</td>
<td>Do</td>
<td>N. levee American River from Jibboom St., Bridge to Sacramento River.</td>
<td>Maintained by R.D. No. 1000.</td>
</tr>
<tr>
<td>11</td>
<td>Do</td>
<td>E. Levee Sacramento River Mile 158.5 to Mile 164.4.</td>
<td>Maintained partly by State; remainder by Levee District No. 3, Glenn County, Completed Contract.</td>
</tr>
<tr>
<td>11</td>
<td>Do</td>
<td>Fremont Weir.</td>
<td>Maintained by State.</td>
</tr>
<tr>
<td>11</td>
<td>Do</td>
<td>W. Levee Sacramento River Mile 87.6 to Mile 88.4; Mile 89.2 to Sycamore Slough</td>
<td>Maintained by R.D. No. 730 Completed contracts.</td>
</tr>
<tr>
<td>11</td>
<td>Do</td>
<td>W. Levee Sacramento River Mile 100.6 to Mile 101.4</td>
<td>Maintained by Sacramento River West Side Levee District. Completed contract.</td>
</tr>
<tr>
<td>11</td>
<td>Do</td>
<td>E. Levee Feather River from mouth to Mile 26.5, except from 2.37 miles of Nicolaus Bridge to Bear River</td>
<td>Maintained by R.D. Nos. 1001 and 784.</td>
</tr>
<tr>
<td>No.</td>
<td>Date of Letter</td>
<td>Levee Location</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
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<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>11</td>
<td>8 Dec. 1951</td>
<td>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.</td>
<td>Maintained by Marysville Levee Commission.</td>
</tr>
<tr>
<td>15</td>
<td>Do</td>
<td>N. Levee Yuba River from back levee of Marysville upstream 1.8 miles</td>
<td>Maintained by Marysville Levee Commission.</td>
</tr>
<tr>
<td>17</td>
<td>Do</td>
<td>N. Levee Bear River from Feather River to W.P.R.R. Interceptor</td>
<td>Maintained by R.D. No. 784.</td>
</tr>
<tr>
<td>183</td>
<td>Do</td>
<td>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.</td>
<td>Maintained by American River Flood Control District.</td>
</tr>
<tr>
<td>181</td>
<td>Do</td>
<td>W. Levee Yolo By-pass from Sacramento River to Putah Creek except from N. line Cache Cr. Settling Basin to S.N.R.R. &amp; from old Willow Slough pipes south 1.48 mi.*</td>
<td>Maintained by State and R. D. #2035.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>N.&amp;S. levees of Putah Creek</td>
<td>Maintained by State.</td>
</tr>
<tr>
<td>No.</td>
<td>Letter</td>
<td>Levee Location</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
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<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>12</td>
<td>8 Dec.1951</td>
<td>Five reaches of Ryer Island levee along Miner Slough as follows:</td>
<td>Maintained by R.D. No. 501. All are completed separate contracts.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a. Junction Miner and Sutter Sloughs westerly 5000 feet.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. From State Highway Bridge West, 3035 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>c. Spec. 1473, Sta. 53+00 to 64+00 about one mi. No. of Ryde Road, Miles 24.4 to 24.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>d. Spec. 1473, Sta. 0+00 to 12+00 being 600 ft. each side of Ryde Road, Miles 30.4 to 30.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

*No waterway banks contiguous to these levees.*
The Reclamation Board  
State of California  
1100 "G" Street  
Sacramento 14, California  

SPEKA 824.3(Sac. Rev. F.C.P.)  

4 DEC 1951  


The Board accepted Item No. 9 on 18 Dec. 1951 with the  
condition that the Federal Gov. complete the enlargement of the levee  
with no obligation for the State to maintain the banks along  
the Sacramento Deep Water Channel.  

The Board also accepted Items No. 10 and 11 on  
18 Dec. 1951, without reservations other than an statement  
indicating that flatter slopes on this levees are not required.  

Gentlemen:  

Item No. 9 was previously accepted on 6 June 1951.  

Reference is made to your letter of 18 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:  

Reach No. 32  

a. Wasterly levee of the Yolo Bypass from Fremont Weir to  
Minor Slough.  

Reach No. 33  

b. Northerly levee of Sacramento Bypass.  

Reach No. 33  

c. Southerly levee of Sacramento Bypass.  

The records of this office show that on 6 June 1951 your Board  
accepted the levees covered by Item a, above as complete. Accordingly,  
the waterway bank contiguous to said Item a, is hereby transferred to  
the State of California for maintenance and operation.  

The levees covered by Items b, and c, above although complete has  
not been formally transferred as contemplated by the Project documents.  
Accordingly, the levees covered by said Items b, and c, 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  

Reaches 32 and 33  

Items 9 to 11
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 206.10(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.

Sincerely yours,

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

Copy Furnished:  
Office, Chief of Engrs.  
State Engineer  
Engr. Div. (2)  
D. de Arrieta
The Sacramento Board
1100 "O" Street
Sacramento 14, California

Gentlemen:

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

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

**Unit No. 56A**
- easterly levees of Yolo Bypass from Minker Slough to Yolo Causeway. Covers Map Ref. No. 145-146 and 175. 113, 114

**Unit No. 57A**
- easterly levees of Yolo Bypass from Yolo Causeway to South Pacific Railroad. Covers Map Ref. No. 147

**Unit No. 58A**
- easterly levees of Yolo Bypass from Yolo Causeway to a point approximately 2 miles south of present weir. Covers Map Ref. No. 121-124 and 142

**Unit No. 59A**
- easterly levees of Yolo Bypass from a point approximately 109

144 not included. Why not?

Units No. 56A, 57A, 58A, 59A, and 60A.
1 mile north of the Yolo-Solano County line to a point approximately
1 mile south of Yolano.
Covers Map Ref. No. 186-188 and portion of 185 which is between 186 and 188.

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

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

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

Sincerely yours,

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

cc: W. K. South
    R. W. Barsdale
    Engrg.
    V. K. H. Thompson
    O.C.E.
    Div, Engr.
THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

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 4 December 1951, File
SPKKA 824.3 (Sacramento River Flood Control Project) transferring levee
reaches and waterway banks contiguous thereto, to the Reclamation Board,
located as follows:

   a. Easterly levee of Yolo Bypass from Fremont Weir to Miner
      Slough.
   b. Northerly levee of Sacramento Bypass.
   c. ****************************************

2. There are no contiguous water banks to the above reaches of
   levee other than the levees themselves and the adjoining Bypass areas.
   Since enactment of Chapter 774, California Statutes of 1927, maintenance
   of the bypass areas has been an obligation of the State of California.

3. The easterly levee of the Yolo Bypass was principally constructed
   by local interests funds. The Federal work on this levee has been shaping
   of the same and providing uniform slopes, mainly three horizontal to one
   vertical on the waterward side. A short section of levee from Fremont
   Weir southerly, has been constructed to four to one waterward slopes.
   The remainder of the levee does not have this standard section. A con-
   siderable length of this levee will be the waterward bank of the Sacra-
   mento Deep Water Channel. The Reclamation Board cannot assume any ob-
   ligation as to the portion of the waterward bank of the Yolo Bypass
   east levee, which is also the waterward bank of the skirp channel project.
   Maintenance of this levee has continuously since its construction been
   an obligation of local interests. The State of California under Section
   8361 of the Water Code of California now maintains the northerly 2 miles
   of this levee. The remainder is maintained by the following local
   Reclamation Districts: 1660, 527, 755, 537, 900, 765, and 999.

EXHIBIT F
Sheet 1 of 4
Formal acceptance by the Reclamation Board on 18 December 1951, is con-
ditioned on the Federal obligation to complete the levee to the autho-
rized cross-section and no State obligation to maintain any of the banks of the Sacramento Deep Water Channel.

4. The north and south levees of the Sacramento Bypass, and the by-
pass itself were entirely constructed by local interest monies. Main-
tenance and operation thereof is an obligation of the State under Section 8361 of the Water Code. No Federal funds have ever been spent upon this portion of the project. The Flood-Control Act of 22 December 1944, calls for flattening of the slopes of these levees to the four to one and three to one authorized section. This work is not required. The Reclamation Board on 18 December 1951, formally accepted these levees and this by-
pass as complete.

Yours very truly,

THE RECLAMATION BOARD

NOTE: Only items pertaining to Operation and Main-
tenance Manual No. 122 are included in the a-
bove copy.

By /s/ A. M. Barton
A. M. BARTON
Chief Engineer and General Manager

EXHIBIT F
Sheet 2 of 4
The Reclamation Board
State of California
1100 "O" Street
Sacramento 14, California

Gentlemen:

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

The levee reaches in question are located as follows:

a. 

b. 

c. Westerly levee of the Sacramento River. (Continued)

(5) Mile 63.5 (North End Sacramento Weir) to Mile 67.11.

(6) Mile 68.42 to Mile 70.9.

d. 

e. (5), (6), 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.

Sincerely yours,

/s/H.R. Reinfspnyder

H. R. REINFSNYDER

Lt. Colonel, Corps of Engineers

Executive Officer

NOTE: Only items pertaining to Operation and Maintenance Manual No. 122 are included in the above copy
EXHIBIT G

SUGGESTED SEMI-ANNUAL REPORT FORM
TO: The District Engineer
Sacramento District
Corps of Engineers, U.S. Army
1209-8th Street
Sacramento, California

(1 May 19__)
(1 November 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,
Supplemental Manual Unit No. 122- Part No. 1; the west levee of Sacramento
River from Mile 70.8 to Sacramento Weir, and north levee of Sacramento
Bypass and east levee of Yolo Bypass from Woodland Highway to Sacramento
Bypass 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 antici-
pated maintenance operations for the following 6 months.)

b. During this report, major high water periods (water level
of Sacramento Weir gage at 29.0 at Woodland Highway at 27.0 and/or 22.0
at west end of north levee of Sacramento Bypass) occurred on the following
dates:

<table>
<thead>
<tr>
<th>Dates</th>
<th>Maximum elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EXHIBIT G
Sheet 1 of 2
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:

<table>
<thead>
<tr>
<th>Labor</th>
<th>Material</th>
<th>Equipment</th>
<th>Overhead</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Inspection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Maintenance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Flood fighting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>operations</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

TOTAL

Respectfully submitted,

Superintendent of Works

EXHIBIT G
Sheet 2 of 2