UNIT NO. II OF THE
SACRAMENTO RIVER
FLOOD CONTROL PROJECT
SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL

EAST LEVEE SACRAMENTO RIVER
ISLETON BRIDGE TO WALNUT GROVE

SACRAMENTO DISTRICT
CORPS OF ENGINEERS
U. S. ARMY
SACRAMENTO, CALIFORNIA
Unit No. 11 of the
Sacramento River Flood Control Project
East Levee of the Sacramento River, Isleton Bridge to Walnut Grove, California

Supplement to
Standard
Operation and Maintenance Manual

Sacramento District
Corps of Engineers
U. S. Army
Sacramento, California
Unit No. 11 of the
Sacramento River Flood Control Project
East Levee of the Sacramento River, Isleton Bridge to Walnut Grove, California

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Exhibits

"P" As constructed Drawings No. 50-4-2277, in 5 sheets, dated March 1946

"E" Check List No. 2, in 1 sheet

"R" Resolution adopted by The Reclamation Board 2 July 1947
UNIT NO. 11 OF THE
SACRAMENTO RIVER FLOOD CONTROL PROJECT
SUBJECT TO FLOOD CONTROL REGULATIONS

1. Levees

(a) Description. Unit No. 11 of the flood control works described
below forms an integral part of the Sacramento River Flood Control Project.
It consists of a portion of the East Levee of the Sacramento River from
Isleton Bridge to Walnut Grove as shown on the attached Drawings 50-4-2277,
5 sheets, and dated March 1946, Exhibit "B".

Under the program provided by the Sacramento River Flood Control
Project a portion of this levee has been enlarged and a set back portion
has been constructed. A gravel road surface was applied to realigned road
and required turnouts and road approaches constructed. These items are
shown in Exhibit "B", plates 1 to 5 inclusive. Structures are listed in
Exhibit "B".

(b) Location. The levee is located within the boundaries of Reclama-
tion Districts Numbers 406 and 556 and traverses the easterly bank of the
Sacramento River upstream from Isleton Bridge to Walnut Grove, California.
The project is approximately 24 miles southerly of Sacramento, California.
It extends from Station 210+00 "G" to Station 249+00 "J", a total distance
of 42,153 feet, accomplished through several equations.

(c) Protection Afforded. The levee provides direct protection against
high water of the Sacramento River and its tributaries in this area. The
grade of the adopted flood profile along the main channel of the Sacramento
River varies from Elevation 17'-7" at the lower end to Elevation 19'-1" at the
upper end. (All elevations are referred to U.S.C.E. Datum.) The levee
grade provides a freeboard of 5 feet above the flood profile. It is esti-
mated that a flood flow somewhat in excess of 56,000 second feet will pro-
duce the adopted flood profile. Such a flow is not expected to occur more
than once in 100 years or more.

(d) Contractor. The levee enlargement and setback described above
was performed by H. Earl Parker, Contractor, under Contract No. W-04-157-
eng-1162, a copy of which is on file in the U. S. Corps of Engineers'
Office, Sacramento District, Sacramento, California.

(e) Beginning and Completion of Construction. Construction was
started on 12 June 1946, and completed on 27 May 1947.

(f) Outstanding Construction Features. In general, all construction
features are based on Standard plans and specifications, and the details
are fully covered in the attached drawings listed below. (See Exhibit
"B").
2. Maintenance and Operation. The levee and drainage structures referred to above should be maintained and operated in accordance with the provisions covered under the Standard Operations and Maintenance Manual for the Sacramento River Flood Control Project, copies of which may be obtained from the Office of the District Engineer, Corps of Engineers, Sacramento, California.

The responsibility for the maintenance and operation of this unit of levees was accepted by the Reclamation Board of the State of California on 2 July 1947, as shown on the attached resolution, Exhibit "F".
CHECK LIST NO. 2

Drainage structures located along the easterly bank of the Sacramento River from immediately upstream of the Isleton Bridge, upstream approximately 8 miles to Walnut Grove. This project is about 24 miles southerly of Sacramento, California as indicated on Drawing No. 50-4-2277 in 5 sheets.

HIGHWATER PERIOD. This term is used under Paragraph 4-02(c)3(b) of the Standard Operation and Maintenance Manual; it applies to floods rising above the reading 17° on the Division of Water Resources station gage set immediately upstream from head of Georgiana Slough. Continuous water stage recorder and staff gage set on U.S.C.E. Datum. Zero of this gage set at Elevation 2.84 feet U.S.C.E. Datum and C.00 U.S.G.S. Datum.

<table>
<thead>
<tr>
<th>Location</th>
<th>Steel Pipe</th>
<th>Description of Structure</th>
<th>Invert Elevation of Pipe (U.S.C.E. Datum)</th>
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<tbody>
<tr>
<td>2'00</td>
<td>&quot;H&quot; 12&quot;</td>
<td>Irrigation structure with pump house on R.S. of levee and with gate valve in discharge line of pump. Pipe passes through levee with invert at flood plane.</td>
<td>17.2</td>
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<tr>
<td>8'72</td>
<td>&quot;H&quot; 6&quot;</td>
<td></td>
<td>17.2</td>
</tr>
<tr>
<td>14'64</td>
<td>&quot;H&quot; 12&quot;</td>
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<td>17.2</td>
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<td>42'53</td>
<td>&quot;H&quot; 8&quot;</td>
<td></td>
<td>17.4</td>
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<td>52'21</td>
<td>&quot;H&quot; 12&quot;</td>
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<td>17.4</td>
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<td>72'67</td>
<td>&quot;H&quot; 12&quot;</td>
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<td>17.5</td>
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<td>95'27</td>
<td>&quot;H&quot; 10&quot;</td>
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<td>17.5</td>
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<tr>
<td>114'87</td>
<td>&quot;H&quot; 12&quot;</td>
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<td>17.7</td>
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<td>139'43</td>
<td>&quot;H&quot; 8&quot;</td>
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<td>17.8</td>
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<tr>
<td>157'48</td>
<td>&quot;H&quot; 12&quot; &amp; 8&quot;</td>
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<td>17.9</td>
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<td>159'97</td>
<td>&quot;H&quot; 6&quot;</td>
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<td>17.9</td>
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<tr>
<td>2'73</td>
<td>&quot;J&quot; 6&quot;</td>
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<tr>
<td>18'20</td>
<td>&quot;J&quot; 8&quot;</td>
<td></td>
<td>18.1</td>
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<tr>
<td>32'40</td>
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<td>18.1</td>
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<td>58'00</td>
<td>&quot;J&quot; 10&quot;</td>
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<td>18.2</td>
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<td>80'79</td>
<td>&quot;J&quot; 12&quot;</td>
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<td>18.3</td>
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<td>91'27</td>
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<td>18.4</td>
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<td>115'25</td>
<td>&quot;F&quot; 10&quot;</td>
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<td>18.5</td>
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<tr>
<td>125'51</td>
<td>&quot;J&quot; 6&quot;</td>
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<td>18.5</td>
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<td>149'10</td>
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<td>18.6</td>
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<td>171'33</td>
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<td>192'00</td>
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<tr>
<td>217'42</td>
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RESOLUTION
PASSED AND ADOPTED BY THE RECLAMATION BOARD
JULY 2, 1947

WHEREAS The Reclamation Board has heretofore approved certain items of "new construction"; consisting of (1) the enlargement, set back and construction of the East Levee of the Sacramento River from Isleton Bridge to Walnut Grove, in Reclamation Districts Nos. 407 and 558; (2) enlargement, set back and construction of the East Levee of the Sacramento River from Meridian Bridge to Tisdale Weir, in Reclamation Districts Nos. 70 and 1660; and (3) the enlargement, set back and construction of the East Levee of the Sacramento River between River Miles 92.6 to 94.5, 99.3 to 101.2, and 110.8 to 111.5, in Reclamation District No. 1500; and

WHEREAS the War Department, Corps of Engineers, District Engineer, Sacramento District, under date of June 23, 1947, has notified the Reclamation Board of the completion of the three items of levee enlargement, set back and construction, and has transferred said portions of levee to the State of California for maintenance and operation between proper local interests; and

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

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

RESOLVED AND ORDERED that the East Levee of the Sacramento River from Isleton Bridge to Walnut Grove, together with the berms and appurtenant structures thereof, so much thereof as lies within Reclamation District No. 407, be, and the same is hereby turned over to Reclamation District No. 407 for maintenance and operation, as the legally authorized function of said district; and so much thereof as lies within Reclamation District No. 556 be, and the same is hereby turned over to Reclamation District No. 556 for maintenance and operation, as the legally authorized function of said district; and be it further

RESOLVED AND ORDERED that the East Levee of the Sacramento River, Meridian Bridge to Tisdale Weir, together with the berms and appurtenant structures thereof, so much thereof as lies within Reclamation District No. 70 be, and the same is hereby turned over to Reclamation District No. 70 for maintenance and operation, as the legally authorized function of said district; and that so much thereof as lies within Reclamation District No. 1660 be, and the same is hereby turned over to Reclamation District No. 1660 for maintenance and operation, as the legally authorized function of said district; and be it further
RESOLVED AND ORDERED that the East Levee of the Sacramento
River between Miles 92.6 to 94.5, 99.3 to 101.2, and 110.8 to 111.5,
together with the berms and appurtenant structures thereof, be and the
same is hereby turned over to Reclamation District No. 1500 for main-
tenance and operation, as the legally authorized function of said district.

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

I, S. A. HONAKER, Assistant Secretary of the Reclamation
Board, do hereby certify that the above and foregoing is a true and
correct copy of a Resolution adopted by said Board at its meeting
held July 2, 1947.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed
the official seal of The Reclamation Board this 15th day of July, 1947.

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