

**SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL**

**SACRAMENTO RIVER
FLOOD CONTROL PROJECT**

UNIT NO. 147

**LEVEE AROUND THE CITY OF MARYSVILLE
AND
NORTH LEVEE OF YUBA RIVER TO A POINT
1.8 MILES UPSTREAM FROM MARYSVILLE**



SACRAMENTO DISTRICT

CORPS OF ENGINEERS

U. S. ARMY

SACRAMENTO, CALIFORNIA

FILE COPY

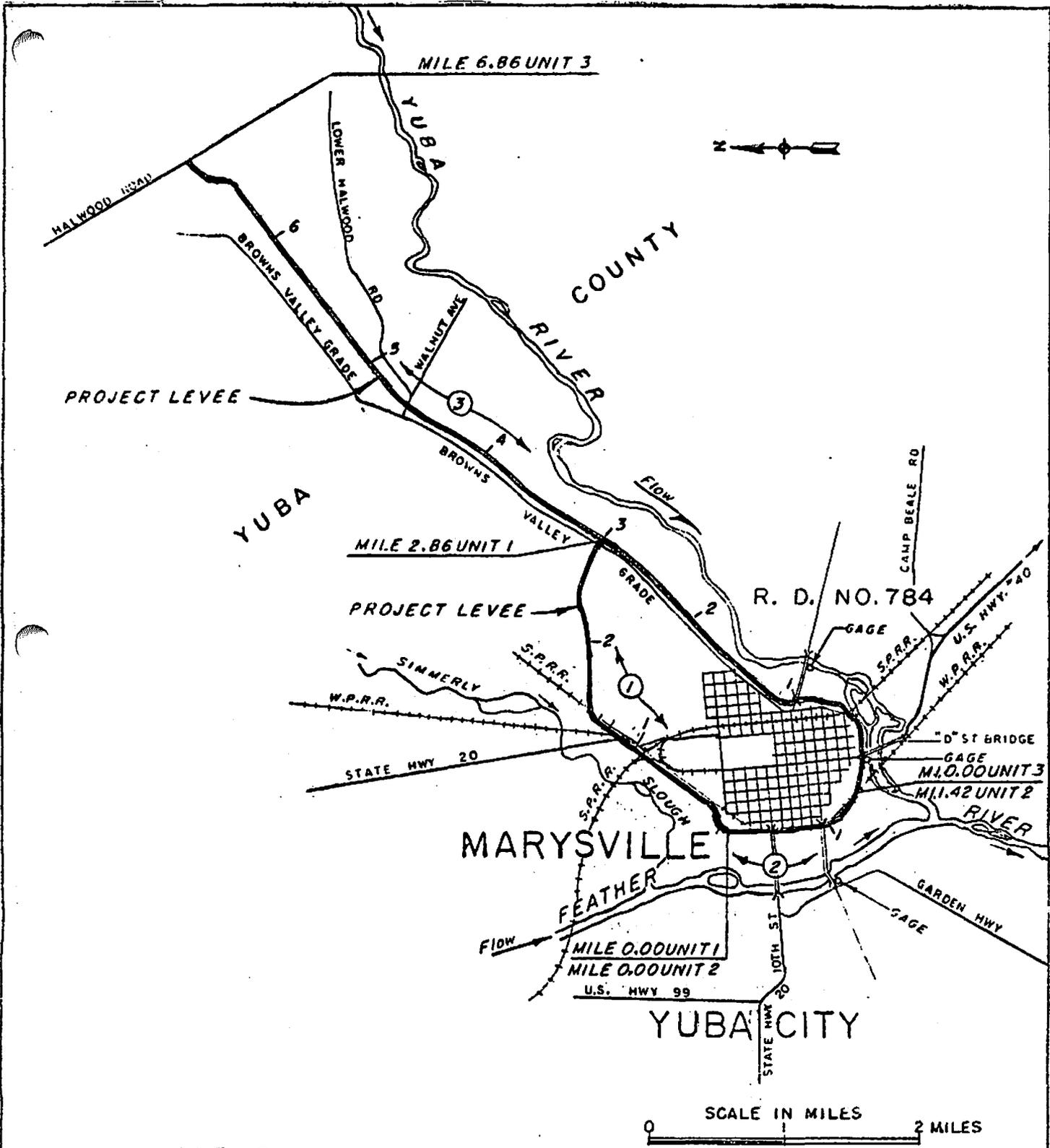
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LOCATION	ADDITION OR REVISION	DATE
1-04 j.	Add contract no. 56-62	Nov 1963
1-04 k.	Add contract no. 57-24	Nov 1963
1-04 l.	Add contract no. 61-68	Nov 1963
Exhibit B	Add drawing no. 8-4-617	Nov 1963
Exhibit B	Add drawing no. 4-4-513	Nov 1963
1-03 e.	Add description of additional levee	Dec 1964
1-04 j.	Add contract no. 64-44	Dec 1964
1-07	Add levee from Walnut Avenue to Hallwood Blvd.	Dec 1964
Paragraph 2-01 b. (5)	Add special maintenance required for additional levee	Dec 1964
Exhibit A-1	Add revised location map	Dec 1964
Exhibit B	Add drawing no. 8-4-667	Dec 1964
Exhibit F	Add letter of acceptance dated 21 Feb 1964	Dec 1964
1-04 n.	Add contract no. DACW05-68-C-0075	Mar 1970
Exhibit B	Add drawing no. 8-4-774	Mar 1970
Exhibit F	Add copy of letter of acceptance dated 21 Aug 1968	Mar 1970
1-04	Add subparagraph o.	Sep 1981
2-05	Add environment protection	Sep 1981
Exhibit A-1	Revised location map	Sep 1981
Exhibit B	Add drawing no. 50-13-5165	Sep 1981
Exhibit F	Add copy of letter of acceptance dated 3 May 1977	Sep 1981
Exhibit F	Add copy of letter of transfer dated 23 Mar 1948	27 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 7 Apr 1948	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 8 Dec 1951	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 2 Oct 1952	27 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 3 Dec 1952	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 25 Aug 1961	27 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 7 Sep 1961	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 30 Aug 1962	27 Dec 2010
Exhibit F	Add copy of letter of acceptance dated 19 Sep 1962	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 6 Feb 1964	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 1 Aug 1968	27 Dec 2010

LOCATION	ADDITION OR REVISION	DATE
1-04	Changed subparagraphs j, k and l to k, l, and m (duplicate subparagraph j)	27 Dec 2010
1-04	Add subparagraph p	27 Dec 2010
Exhibit B	Add drawing no. 4-4-623	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 12 Nov 2003	27 Dec 2010
Exhibit F	Add copy of letter of transfer dated 18 Mar 1977	8 Mar 2011



LEGEND

----- Extent of Levees in this Unit.

LOCATION MAP
UNIT NO. 147
 LEVEE AROUND THE CITY OF MARYSVILLE
 AND
 NORTH LEVEE OF YUBA RIVER TO A POINT
 3.83 MILES UPSTREAM FROM MARYSVILLE

C
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THE RECLAMATION BOARD
STATE OF CALIFORNIA

February 21, 1964

Refer to: 4130.70.605

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

Dear Sir:

Reference is made to your letter of 6 February 1964, concerning transfer to the State of California of a patrol road on the right bank of the Yuba River from Hallwood Boulevard to Walnut Avenue, Station 101+74 to Station 205+00, in accordance with Specification No. 3012.

The Reclamation Board, at its meeting of February 20, 1964, formally accepted the above-referred to work for operation and maintenance; said operation and maintenance limited to the patrol road only.

Sincerely yours,

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

EXHIBIT F

(9) Stockpiled material, temporary dunnage, construction equipment, and detours that obstruct streamflows must be removed from floodways prior to the flood season.

(10)(A) The bottom members (soffit) of a proposed bridge must be at least three (3) feet above the design flood plane. The required clearance may be reduced to two (2) feet on minor streams at sites where significant amounts of stream debris are unlikely.

(B) When an existing bridge being widened does not meet the clearance requirement above the design flood plane, the bottom structural members of the added section may be no lower than the bottom structural members of the existing bridge, except as may be caused by the extension of existing sloped structural members.

(C) When the clearance requirement above design flood plane would result in bridge approach ramp fill in the floodway, the clearance requirement may be reduced to the extent that reasonably balances clearance and fill that would obstruct flow, so as to maintain maximum channel capacity.

(11)(A) Vehicular access from the roadway to the levee crown may be required at each end of a bridge.

(B) Vehicular access from the levee crown to the floodway and/or the landside levee toe beneath the bridge may be required. Ramps may slope upstream as necessary to provide the access required by this subdivision.

(12) Approved gates must be installed at right angles across the levee crown at all points of access to the levee from each end of a bridge.

(13) Any bridge abandoned or being dismantled must be completely removed, and must be disposed of outside the limits of the levee section and floodway.

(14) Pilings, piers, bents, and abutments of bridges being dismantled must be removed to at least one (1) foot below the natural ground line and at least three (3) feet below the bottom of the low water channel.

(15) Any bridge that is damaged to the extent that it may impair the channel or floodway capacity must be repaired or removed prior to the next flood season.

(16) A permanent bench mark must be installed at the waterside levee toe, as near to the well site as practical, to serve as a vertical control to monitor subsidence.

NOTE: Authority cited: Section 8571, Water Code. Reference: Sections 8608, 8609 and 8710, Water Code.

HISTORY

1. New section filed 9-30-96; operative 10-30-96 (Register 96, No. 40).

§ 130. Patrol Roads and Access Ramps.

(a) The following definitions apply to this section:

(1) Access Ramps - "Access Ramps" mean those ramps that provide access to the levee crown from adjacent property and roads.

(2) Patrol Roads - "Patrol Roads" means those roads that provide vehicular access along levee crowns and flood channels for inspection, maintenance, and flood fighting.

(b) Patrol roads must meet the following criteria:

(1) Patrol roads must be surfaced with a minimum of four (4) inches of compacted, class 2 aggregate base (Caltrans Spec. 26-1.02A, July 1992) which is incorporated by reference, or equivalent.

(2) Patrol road surfacing material must be compacted to a relative compaction of not less than ninety (90) percent per ASTM D1557-91, dated 1991, which is incorporated by reference with moisture content sufficient to obtain the required compaction.

(3) Compaction tests by a certified soils laboratory may be required to verify compaction.

(4) Paved patrol roads must meet the design requirements for paved bicycle trails, section 132.

(5) Levee crown surfacing must meet the following additional requirements:

(A) Where the crown width is less than sixteen (16) feet, the minimum surfacing width must be ten (10) feet with a smoothly tapered transition to the edge of the levee shoulder.

(B) Where the crown width is sixteen (16) feet or more, the minimum surfacing width must be twelve (12) feet with a two (2) foot-wide taper at each edge of the surfacing.

(C) The crown roadway must be sloped a minimum of two- (2) percent.

(6) Any patrol road which has been excavated or damaged must be restored to its original condition.

(c) Access ramps are of two common types, head-on or side approach, and must meet the following criteria:

(1) Access ramps must be constructed of approved imported material.

(2) The surfacing for all access ramps must be the same as for patrol roads. Subdivisions (b)(1), (b)(2) and (b)(3) of this section also apply to access ramps.

(3) Any excavation made in a levee section to key the ramp to the levee must be backfilled in four- (4) to six- (6) inch layers with approved material and compacted to a relative compaction of not less than ninety (90) percent per ASTM D1557-91, dated 1991, and above optimum moisture content.

(4) Compaction tests by a certified soils laboratory may be required to verify compaction.

(5) All access ramps must be constructed in such a manner so as to direct all surface drainage away from the levee section.

(6) Approved gates must be installed across access ramps at locations where vehicular access by the public is possible.

(7) Side approach ramps must be used on the waterside levee slope.

(8) Side approach ramps on the waterward slope of the levee must slope downstream.

(9) Typical plans for each type of approach ramp with restrictions and requirements are shown in Figures 8.08 and 8.09.

NOTE: Authority cited: Section 8571, Water Code. Reference: Sections 8608 and 8710, Water Code.

HISTORY

1. New section and figures 8.08 and 8.09 filed 9-30-96; operative 10-30-96 (Register 96, No. 40).

CORPS OF ENGINEERS

U. S. ARMY

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Sacramento District
Corps of Engineers
U. S. Army
August 1955

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REVISIONS OR ADDITIONS

ADDITION	DATE	
Paragraph 1-04 j. ----- add Contract No. 56-62	Nov. 1963	
Paragraph 1-04 k. ----- add Contract No. 57-24	Nov. 1963	
Paragraph 1-04 l. ----- add Contract No. 61-68	Nov. 1963	
EXHIBIT B ----- add Drawing No. 8-4-617	Nov. 1963	
EXHIBIT B ----- add Drawing No. 4-4-513	Nov. 1963	
Paragraph 1-03 e. ----- add description of additional levee	Dec 1964	
Paragraph 1-04 j. ----- add Contract No. 64-44	Dec 1964	
Paragraph 1-07 ----- add levee from Walnut Avenue to Hallwood Blvd.	Dec 1964	
Paragraph 2-01 b. (5) -- add special maintenance required for additional levee	Dec 1964	
EXHIBIT A-1 ----- add revised LOCATION MAP	Dec 1964	
EXHIBIT B ----- add Drawing No. 8-4-667	Dec 1964	
EXHIBIT F ----- add letter of acceptance dated 21 February 1964	Dec 1964	
Paragraph 1-04-n. ----- Add Contract No. DACW05-68-C-0075	: Mar 1970	
EXHIBIT B ----- Add Drawing No. 8-4-774	: Mar 1970	
EXHIBIT F ----- Add copy of letter of acceptance dated 21 August 1968	: Mar 1970	
Paragraph 1-04	Add subparagraph o.	September 1981
Paragraph 2-05	Add Environment Protection	September 1981
EXHIBIT A-1	Revised Location Map	September 1981
EXHIBIT B	Add Drawing No. 50-13-5165	September 1981
EXHIBIT F	Add copy of letter of acceptance dated 3 May 1977	September 1981

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*(Added September 1981)

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UNIT NO. 147

LEVEE AROUND THE CITY OF MARYSVILLE
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1.8 MILES UPSTREAM FROM MARYSVILLE

JULY 1953

SECTION I

INTRODUCTION

1-01. Location. The improvement covered by this manual is that part of the Sacramento River Flood Control Project which includes the levee that encompasses the City of Marysville and the north levee of the Yuba River from the Marysville levee upstream 1.8 miles. The levees which surround the City of Marysville include the south levee of Simmerly Slough; the east levee of the Feather River from Simmerly to the Yuba River; the north levee of the Yuba River; and the back levee or northerly levee of Marysville extending from Simmerly Slough to the Yuba River, all as shown on Exhibit A-1 and drawings of Exhibit B. The levees of this unit are located within the jurisdiction of the Marysville Levee Commission, in Yuba County, California. Location of the completed unit covered by this manual is shown on Exhibit A-1. This manual includes and supersedes the supplemental manual designated as Unit No. 17 of the Sacramento River Flood Control Project, entitled, "North Levee Yuba River Upstream 1.8 Miles from Marysville, California."

1-02. Protection Provided. The project design flood within the limits of this unit is 210,000 cubic feet per second in the Feather River and 120,000 cubic feet per second in the Yuba River. The grade of the adopted flood plane in the Feather River varies from elevation 82.0 at Binney Junction to elevation 79.2 at the junction of the Feather and Yuba Rivers. Along the Yuba River the grade of the adopted flood plane varies from elevation 88.6 at a point located 1.8 miles upstream from the levee around Marysville to elevation 79.2 at the junction of the Feather and Yuba Rivers. (All elevations are referred to U. S. Corps of Engineers datum). With the exception of about eight railroad crossings and four highway crossings, the levee grade provides for a freeboard of 3 feet or more.

1-03. Project Works. The flood control improvement covered by this manual is a part of the Sacramento River Flood Control Project authorized by the Flood Control Act of 1917 as modified by the Acts of 1928, 1937, and 1941, and consists of:

a. The south levee of Simmerly Slough from Binney Junction downstream about 1.3 miles to the Feather River as constructed by local interests as reconstructed by the Corps of Engineers to adopted grade and section.

b. The east levee (left bank) of the Feather River from Simmerly Slough downstream about 1.54 miles to the Yuba River as constructed by local interests and reconstructed by the Corps of Engineers to adopted grade and section.

c. The north levee (right bank) of the Yuba River from a point located in 1.8 miles upstream from the levee around Marysville downstream about 5.1 miles to the junction of the Yuba and Feather Rivers as constructed by local interests and reconstructed by the Corps of Engineers to project grade and section.

d. The back levee of northerly levee around the City of Marysville which extends from Simmerly Slough about 1.8 miles to the north levee of the Yuba River as constructed by local interests and as reconstructed by the Corps of Engineers to project grade and section.

e. The north levee of the Yuba River has been extended a distance of 2.03 miles by surfacing of the existing levee crown. The total length from the Simmerly Slough upstream is now 3.83 miles.

1-04. Construction Data and Contractor. Unit No. 147 of the flood control works described in this manual forms an integral part of the Sacramento River Flood Control Project. Construction work required to bring levees built by local interests to project standards was accomplished under the following contracts:

a. Slab levee on Feather River along Western Pacific Railroad between 9th and 11th Streets, Marysville was constructed under Contract No. W-1105-end-1279 by Winger Construction Company and completed on 20 January 1934.

b. Enlargement to adopted grade and section of the east levee of the Feather River from Station 9+00 to 89+00 as shown on Drawing No. 4-4-140 of Exhibit B. Work on this portion was accomplished under Contract No. W-1105-eng-1498 by Harmes Bros., contractors, and completed on 21 February 1935.

c. Slab levee on Feather River along Western Pacific Railroad between 6th and 9th Streets, Marysville, was constructed under Contract No. W-1105-eng-2131 by Hemstreet & Bell, contractors, and completed on 30 November 1937.

d. Slab levee on Feather River along Western Pacific Railroad between “D” Street Bridge and Yuba City Bridge at Marysville was constructed under Contract No. W-1105-eng-2333 by Daniel Boyles, contractor, and completed on 28 November 1938.

e. Slab levee on Feather River along Western Pacific Railroad at Marysville from 5th Street to Simmerly Slough was constructed under Contract No. W-1105-eng-2391 by Olympian Dredge Company and completed 19 January 1939.

f. Enlargement to adopted grade and section of the Marysville North Levee in the vicinity of Binney Junction was accomplished under Contract No. W-1105-eng-2776 by H. Earl Parker, contractors, and completed 9 July 1940.

g. Enlargement to adopted grade and section of the North Levee of the Yuba River from “D” Street Bridge to Valley Meat Company and North Levee of Marysville from Valley Meat Company to Western Pacific Railroad was accomplished under Contract No. W-1105-eng-4160 by Piombo Bros., contractors, and completed in 1943.

h. Enlargement to adopted grade and section of the North levee of the Yuba River from Marysville North Levee Upstream 1.8 miles was accomplished under Contract No. W-04-167-eng-1335 by H. Earl Parker, contractor, and completed on 25 February 1948.

i. The crown of the levee from Binney Junction downstream along Simmerly Slough and Feather River to “D” Street Bridge at Marysville was surfaced for patrol road purposes under Contract No. DA-04-167-eng-828, by Browne and Krull, contractors and completed on 2 December 1952.

j. The crown of the levee along the north bank of the Yuba River from Hallwood Boulevard to Walnut Avenue was surfaced for patrol road purposes under Contract No. DA-04-167-CIVENG-64-44 by H. Earl Parker, Inc. during the period from 26 November 1963 to 6 March 1964, Specification No. 3012, Drawing No. 8-4-667. Specification No. 3012, Drawing No. 8-4-667.

k. Emergency repair of north levee of Yuba River for approximately 2 miles on south city limits of Marysville was accomplished under Contract No. DA-04-167-CIVENG-56-62 by H. Earl Parker, Inc. during the period from 22 December 1955 to 7 February 1956, Specification No. 2091. No drawings made.

l. Emergency spur levee repairs, right bank of Yuba River, vicinity of Marysville was accomplished under Contract No. DA-04-167-CIVENG-57-24 during the period from 2 August 1956 to 21 August 1956, Specification No. 2184, Drawing No. 8-4-617.

m. Rehabilitation of the Feather River, Marysville and R. D. 10 levees was accomplished under Contract No. DA-04-167-CIVENG-61-68 by S. G. Voudouris and A. R. McEwen, contractors, during the period from 17 April 1961 to 28 August 1961, Specification No. 2683, Drawing No. 4-4-513.

n. Levee berm construction on the right bank of the Yuba River from Stations 10+50 to 43+50 and 67+50 to 87+00 was accomplished under Contract No. DACW05-68-C-0075 by Carl J. Woods during the period from 9 May 1968 to 24 May 1968. Specification No. 3391A. Drawing No. 8-4-774.

o. Camping and parking areas and access roads were constructed on the left bank of Feather River at Site Mile 28.7, (of Unit 29A) under Contract No. DACW05-76-C-0092 by Triangle Engineering. Construction was completed on 17 March 1977. Specification No. 5110, Drawing No. 50-13-5165.

p. Emergency repairs along the left bank of the Feather River from Levee Miles 0.00 to 0.30 from Unit 1 and Levee Miles 0.00 to 0.50 from Unit 2 adjacent to the city of Marysville were completed in August 2000 by Clearwater Group, Inc., under Contract No. DACW05-00-C-0010. Specification No. 1045E, Drawing No. 4-4-623.

1-05. Flood Flows. For purposes of this manual, the term "flood" or "high water period" shall refer to flows when the water surface in the Yuba River reaches or exceeds the reading of 66.0 on the U. S. Weather Bureau gage located on the right bank of the Yuba River on the first pier of the "D" Street Bridge at Marysville. Staff gage is set on U. S. Corps of Engineers datum.

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

1-07. Acceptance by State Reclamation Board. Responsibility for operating and maintaining the completed works was officially accepted by the Reclamation Board of the State of California on 18 December 1951 and 2 December 1952, as shown on the attached copies of letters of acceptance EXHIBIT F.

By letter dated 21 February 1964 the Reclamation Board of the State of California accepted the right bank levee of the Yuba River from Walnut Avenue to Hallwood Boulevard; operation and maintenance will be limited to the patrol road only.

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. Levees described in this unit are located as described in paragraph 1-01 of this manual. Levees of this unit, originally built by local interests, have been enlarged, setback, or have been given bank protection by new construction. The levee grade provides for a freeboard of 3 feet or more with the exception of about eight railroad crossings and four highway crossings where equipment and materials necessary for prompt closure of the openings are kept available at all times. For more complete detail of items included in construction of above mentioned levees, refer to the "As Constructed" drawings of Exhibit B. Structures affecting levee maintenance are listed in Exhibit E. Railroad tracks of the Southern Pacific and Western Pacific Railroads traverses the levee from Binney Junction to a point near "D" Street Bridge in Marysville.

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

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

* (5)
 ↓
 *
 2-02.

2-02. Drainage and Irrigation Structures.

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

Location Station	Size and Kind of Pipe	Other Structure Description	Elev. Of invert at Pine
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EAST LEVEE FEATHER RIVER

42+00	8" C.M.P.	Drainage culvert under railroad, No. 100 gate R.S., Concrete cut-off walls, saddle and apron	78.0
86+70	8" C.M.P.	" " "	77.5
120+90	6" Steel	" " "	77.0

(5) Since the levee along the right bank of the Yuba River from Walnut Avenue to Hallwood Boulevard is above the project flood plane, maintenance and operation will be limited to the patrol road only.

Location Station	Size and Kind of Pipe	Other Structure Description	Elev. Of Invert at pipe
<u>NORTH LEVEE YUBA RIVER</u>			
37+46	16" Concrete	Marysville Sewer Outfall	80.3
37+46	12" Steel	Marysville Sewer Outfall	61.3
68+90	24" C.M.P.		59.0
<u>SOUTH LEVEE SIMMERLY SLOUGH</u>			
7+91	36" C.M.P.	No. 100 Gate R.S Outfall drain from Ellis Lake,	55.4
8+48	36" C.M.P.	No. 100 Gate R.S.	45.5

Notes on abbreviations and gate:

C.M.P. = Corrugated Metal Pipe

R. S. = Riverside

Calco gate No. 100 is placed on the outlet end of pipes. It closes against face pressure and opens automatically to permit outflow whenever the pressure is reversed by a change in water levels.

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

- (1) Maintenance - Paragraph 5-02 of the Standard Manual
- (2) Check Lists - Exhibit E of this Supplement Manual
- (3) Operation - Paragraph 5-04 of the Standard Manual.
- (4) Additional Requirements - Paragraph 5-05 of the Standard Manual.
- (5) Safety Requirements - Paragraph 5-06 of the Standard Manual.

2-03. Channels.

a. Description. The main channel of the Feather River from Simmerly Slough to the Yuba River (a distance of about 1.54 miles) is leveed along both banks and has a flood flow capacity of about 210,000 cubic feet per second. The channel of the Yuba River within Unit No. 147 extends from a point located 1.8 miles upstream from the levee around the City of Marysville to the junction of the Yuba and Feather Rivers, a distance of about 5.1 miles. This portion of the Yuba River has a flood flow capacity of about 120,000 cubic feet per second. Overflow areas of the Yuba and Feather Rivers above Marysville are comparatively wide. The area north of this unit and south and east of Reclamation District No. 10 is affected mainly

by backwater from the Feather River through Simmerly Slough. The maintenance and operation of the channels of Simmerly Slough, the Feather River and Bear River, within this unit, shall be limited to flood control and the requirements which follow shall be observed only to that extent.

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

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

It shall be the duty of the Superintendent to maintain a patrol of the project works during all periods of flood in excess of a reading of 66.0 on the gage at "D" Street Bridge as indicated in paragraph 1-05 of this manual. The Superintendent shall dispatch a message by the most suitable means to the District Engineer whenever the water surface at "D" Street Bridge reaches the gage reading above. The Superintendent shall cause readings to be taken at said gage at intervals of one to two hours during the period when the water surface is above the flood-flow stage indicated above and record the time of observations. One copy of the readings shall be forwarded to the District Engineer immediately following the flood, and a second copy transmitted as an inclosure to the semi-annual report in compliance with paragraph 3-06 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) Bridges. (For further details, see drawings of Exhibit B
 - (a) South Levee of Simmerly Slough-Southern Pacific Railroad crossing at Binney Junction-Station 73+05.
 - (b) East Levee of the Feather River-U.S. Highway 99E - 20 Crossing at 10th Street.
 - (c) East levee of Feather River-bridge approach of Sacramento Northern Railroad and highway crosses levee at 5th Street
 - (d) East levee of Feather River-Western Pacific Railroad crosses levee near junction of the Feather and Yuba Rivers.
 - (e) Northerly levee of Yuba River-"D" Street Highway bridge crossing.
 - (f) Northerly levee of Yuba River-Southern Pacific Railroad crossing at intersection of 2nd and "A" Streets.
 - (g) Northerly levee of Yuba River-county road crossing (Simpson Lane).

(2) Utility Relocations. Because of the nature of the construction of the levee by local interest, no records of any utility relocations are available.

(3) Hydrographic Facilities. Provisions have been made at several locations within this unit for hydrographic facilities. The various agencies mentioned below are responsible for maintenance of the facilities listed as follows:

- (a) State Division of Water Resources continuous water stage recorder, staff gage and wire weight gages located near the right bank of the Feather River on downstream side of the Sacramento Northern Railroad Bridge at Yuba City.
- (b) State Division of Water Resources winter station and U.S. Geological Survey summer station on the Yuba River at Simpson Lane Bridge. This is a continuous water stage recorder and staff gage.
- (c) U.S. Weather Bureau staff gage located on the right bank of the Yuba River on first pier of "D" Street Bridge in Marysville.

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

- (1) Maintenance - Paragraph 7-02 of the Standard Manual.
- (2) Check Lists - Paragraph 7-03 of the Standard Manual.
- (3) Operation - Paragraph 7-04 of the Standard Manual.

2-05. Environment Protection.

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

SECTION III

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

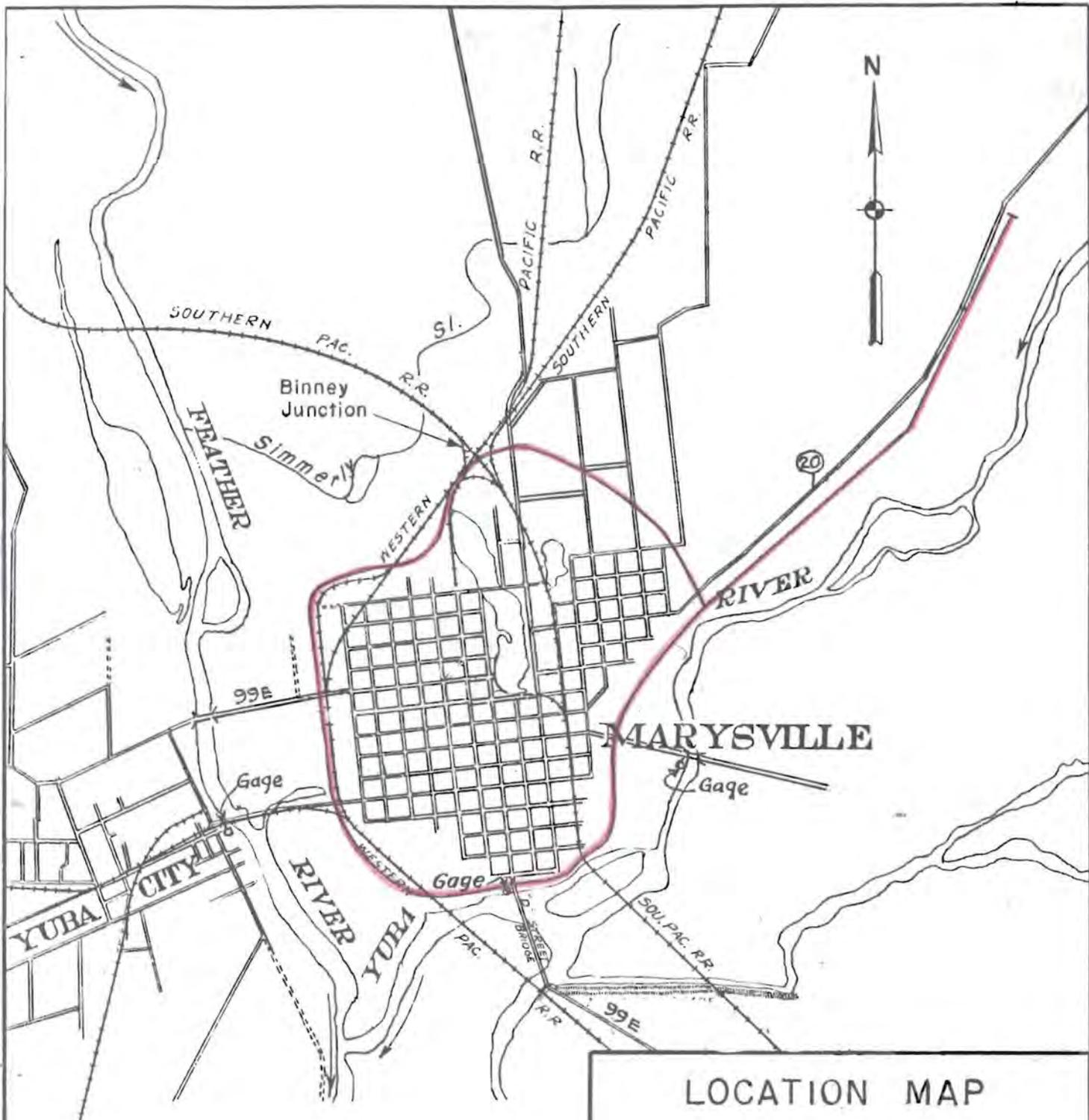
3-01. Repair of Damage. In the event of serious damage to the project works, whether due to flood conditions or other causes, and which may be beyond the capability of local interests to repair, the Superintendent will contact a representative of the Division of Water Resources, State of California,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

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

EXHIBIT A

FLOOD CONTROL REGULATIONS

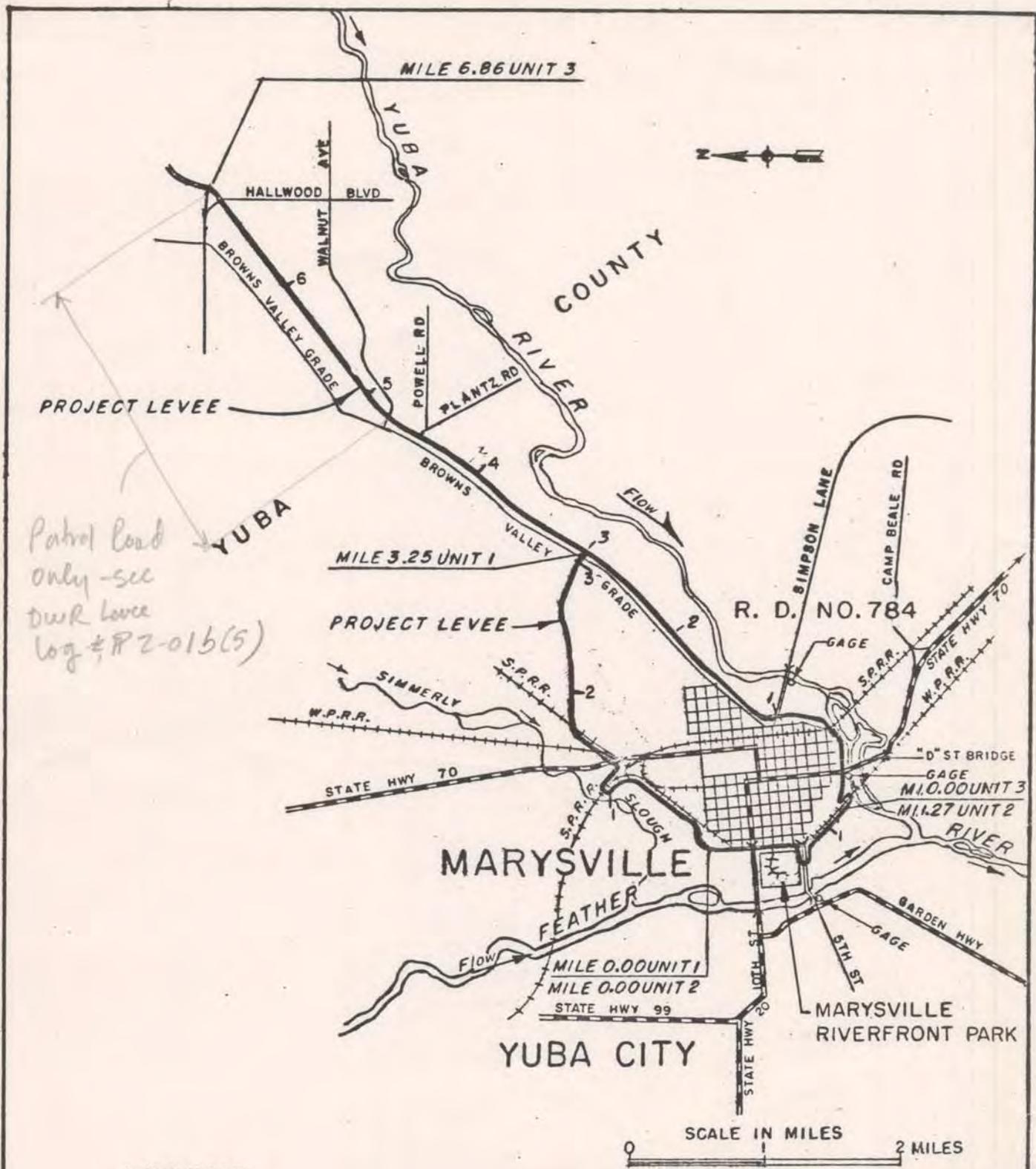
(See Standard Manual)



LEGEND

 — Extent of Levees in this Unit

LOCATION MAP
UNIT NO. 147
LEVEE AROUND THE CITY OF MARYSVILLE
AND
NORTH LEVEE OF YUBA RIVER TO A POINT
1.8 MILES UPSTREAM FROM MARYSVILLE



Patrol load only - see DWR levee log # PZ-015(5)

LEGEND

— Extent of Levees in this Unit.

LOCATION MAP
UNIT NO. 147
 LEVEE AROUND THE CITY OF MARYSVILLE
 AND
 NORTH LEVEE OF YUBA RIVER TO A POINT
 3.83 MILES UPSTREAM FROM MARYSVILLE

EXHIBIT B

"AS CONSTRUCTED" DRAWINGS

See separate folder for the following drawings:

<u>File No.</u>	<u>Title</u>
4-4-136	Slab Levee on Feather River along Western Pacific Railroad between 9th and 11th Streets, Marysville. 1 sheet.
4-4-140	Enlargement of East Levee Feather River, Vicinity of Marysville. 1 sheet.
4-4-156	Slab Levee on Feather River along Western Pacific Railroad between 6th and 9th Streets, Marysville. 1 sheet.
4-4-171	Slab Levee on Feather River along Western Pacific Railroad at Marysville "D" Street Bridge to Yuba City Bridge. 1 sheet.
4-4-186	Slab Levee on Feather River along W.P.R.R. at Marysville 5th Street to Simmerly Slough. 1 sheet.
4-4-233	Enlargement of Marysville Levee Vicinity of Binney Junction. 1 sheet.
50-4-1999	North Levee Yuba River from "D" Street Bridge to Valley Meat Co. and North Levee City of Marysville from Valley Meat Co. to W.P.R.R. Sheets 1 and 2.
8-4-516	Enlargement of North Levee of Yuba River from Marysville North Levee Upstream 1.8 miles. Sheets 1 and 2.

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

8-4-617	Emergency Spur Levee Repairs, right bank of Yuba River, vicinity of Marysville, in 1 sheet
4-4-513	Rehabilitation of the Feather River, Marysville and R. D. 10 levees, in 8 sheets
8-4-667	Patrol Road - Yuba River Right Bank Vicinity Hallwood Blvd. to Walnut Avenue, in 5 sheets.

8-4-774	Berm Construction, Right Bank Yuba River Upstream from Marysville, in 4 sheets.
---------	---------------------------------------------------------------------------------

50-13-5165	Marysville Riverfront Park Left Bank, Feather River Site Mile 28.7, in 3 sheets.
------------	----------------------------------------------------------------------------------

EXHIBIT B
Unattached

4-4-623

PL84-99 Cost Shared-Added Work City of Marysville (SAC16)
Final Emergency Levee Repairs, in 17 sheets.

EXHIBIT C

PLATES OF SUGGESTED FLOOD FIGHTING METHODS

(See Standard Manual)

EXHIBIT D

CHECK LIST NO. 1

LEVEE INSPECTION REPORT

(See Standard Manual.)

EXHIBIT E
CHECK LISTS OF LEVEES,
CHANNEL AND STRUCTURES

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

CHECK LIST NO. 2

UNIT NO. 147

MARYSVILLE LEVEES

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

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

Instructions for Completing Sheet 2, Exhibit E
(To be printed on back of Sheet 2)

- Item (a) Indicate levee station of observation, obtained by pacing from nearest reference point; indicate right or left bank.
- Item (b) If sufficient settlement of earthwork has taken place to be noticeable by visual observation, indicate amount of settlement in tenths of a foot. If sloughing has caused a change in slope of the embankment sections, determine the new slope. Note areas where erosion or gulying of the section has occurred.
- Item (c) If sufficient erosion or gulying 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. 147

MARYSVILLE LEVEES

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

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

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

- Item (a) Indicate station of observation obtained by pacing from nearest reference point.
- Item (b) Note nature, extent, and size of vegetal growth within the limits of flood flow channel.
- Item (c) Note nature and extent of debris and refuse that might cause clogging of the conduits of the irrigation intake works, fouling of the tainter gates, or the bridges over the channel.
- Item (d) Report any construction along the diversion channel or above the diversion channel or above the diversion works that has come to the attention of the inspector and that might affect the functionin 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. 147
MARYSVILLE LEVEES

Inspector's Report Sheet No. _____

Inspector _____

Date _____

Superintendent _____

(a) Location By Station	(b) Bank	(c) Debris or other obstruction to flow	(d) Damage or settlement of pipe or conduit	(e) Condition of concrete headwall or invert paving	(f) Condition of right- of-way adjacent to structure	(g) Repair Measures taken since last inspection	(h) Comments
<u>Feather River</u>							
42 + 00	Left						
86 + 70	Left						
120 + 90	Left						
<u>Yuba River</u>							
37 + 46	Right						
68 + 90	Right						
37 + 46	Right						
<u>Simmerly Slough</u>							
7 + 91	Left						
8 + 48	Left						

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

EXHIBIT F
LETTER OF ACCEPTANCE
BY STATE RECLAMATION BOARD

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

March 11, 1953

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

Dear Sir:

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

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

Yours very truly,

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

/s/ By _____
D. M. CARR

December 18, 1951

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

<u>No.</u>	<u>Date of Letter</u>	<u>Levee Location</u>	<u>Remarks</u>
1
11	8 December 1951	Marysville levees from W.P.R.R. at Simmerly Slough E. to Yuba River and "D" St. Bridge on Yuba River Upstream to Valley Meat Co.	Maintained by Marysville Levee Commission,

NOTE: Only items pertaining to Operation and Maintenance Manual No. 147 is included in the above copy.

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA

December 3, 1952

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

Dear Sir:

Reference is made to your SPKKO-P 824.3 (Sac. Riv. FCP) dated 2 October 1952, transferring certain completed levee units, together with the patrol roads thereon and with the waterway banks contiguous thereto, to the State of California for operation and maintenance.

The Reclamation Board at its meeting December 2, 1952, accepted said levee units on behalf of the State of California.

The units so accepted are:

Part "F" Levees protecting the City of Marysville:

1.
2. Levee and patrol road along the left bank of the Feather River and the right bank of the Yuba River, from Nigger Jack Slough to "D" Street Bridge at Marysville, California, completed 24 September 1952.

Part "G" and "H"

Very truly yours,

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

BY _____
S. A. HOMAKER
Assistant Secretary

NOTE: Only item pertaining to Operation and Maintenance Manual No. 147 is included in the above copy.

NOV 12 2003

Navigation and Flood Control Unit

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

Dear Mr. Rabbon:

This letter is to transfer a portion of work along the Feather River to the Reclamation Board for Operation, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R). The completed work is located in Yuba County within Sacramento Basin No. 16. The completed work includes L.M. 0.00 to L.M. 0.30 from Unit 1 and L.M. 0.00 to L.M. 0.50 from Unit 2 of the Marysville Levee District along the left bank of the Feather River. This site was repaired as a result of damage sustained during the Flood of 1997. A description of the repairs and the location of the site are included in the document titled, "Project Information Form, City of Marysville (Sac-16), 1997 Cost-Shared Levee Repairs, Yuba County, California" (encl 1, 2 copies).

The work was performed under the general authority of the Flood and Coastal Storm Emergencies Act, Public Law 84-99; and, special authority granted under the Fiscal Year 1997 Emergency Supplemental Appropriations Act, Public Law 105-18. This work now meets the requirements of the existing Operations and Maintenance Manual for the Feather River (Sac-16); and, therefore, said flood control work, together with the waterway banks contiguous thereto, are transferred as of the date of this letter to the State of California for operation and maintenance.

The repairs were completed in accordance with Specification Number 1045E, Drawing File Number 4-4-623, and Contract No. DACW05-00-C-0010. A final inspection was conducted in August 2000 and all noted deficiencies have been resolved. The as-built drawings for the completed work are included in the document titled, "PL 84-99 Cost Shared - Added Work, City of Marysville (Sac-16), Final Emergency Levee Repairs, Yuba County, California" (encl 2, 2 copies).

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

Sincerely,

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

Enclosures

Unit 197

CC:
CESPK-CO-OR (NAV/FLD CTRL FILE)
CESPK-CO-OR (CLOWARD)
CESPK-CO-RV
CESPK-ED
CESPK-ED-D
CESPK-PM (Nagy)

Moir
Murakami
Tavana

File 47

km
MOIR/dd

MURAKAMI ^{my}

TAVANA

NAGY

OLSEN

SANDNER

CLAY

HALL

CHARLTON

CONNELLY

mailed PS 3811 12 nov 03

Unit 47

**DEPARTMENT OF WATER RESOURCES
THE RECLAMATION BOARD**

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



MAY 3 1977

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

Dear Colonel O'Shei:

The Reclamation Board at its regular meeting of April 26, 1977, formally accepted the completed work on the Marysville Riverfront Park, a portion of the Sacramento River Bank Protection Project, Unit No. 29A. The work was transferred to the State of California by your letter of March 28, 1977.

The work consisted of the construction of access roads, parking areas, camping areas, and such miscellaneous work as necessary to complete the construction along the Feather River Left Bank at Site Mile 28.7, within the City of Marysville.

The work was constructed in a workmanlike manner and in conformance with Drawing No. 50-13-5165, Specification No. 5110, and Contract No. DACW 05-76-C-0092, insofar as could be determined visually.

Sincerely,

A handwritten signature in cursive script that reads "Paul L. Clifton".

PAUL L. CLIFTON
General Manager

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Unit 147
County of Yuba - 9 May 77
116

SPKCO-0



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

not

Gentlemen:

This is in regard to the joint inspection of 24 March 1977, made for the purpose of transferring the Marysville Riverfront Park portion of the Sacramento River Bank Protection Project (Unit 29A), to the State of California for maintenance.

The project consisted of camping areas, parking areas, and access roads within the Feather River left bank at Site Mile 28.7, City of Marysville. The site was completed on 18 March 1977 in accordance with Specification No. 5110, Contract No. DACW05-76-C-0092, Drawing No. 50-13-5165.

The work was performed under the general authority of the Flood Control Act of 1960, 86th Congress, 2nd Session and Section 2304 (2); Title 10. Therefore, said work is transferred as of 25 March 1977 to the State of California for maintenance.

RCMPALA/sip
RI
ph
MORRIS

This portion of the work will be added by amendment to the Operation and Maintenance Manual, Supplement No. 147, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

A. SMITH

Sincerely yours,

HENSON

DONALD M. O'SHEI
Colonel, CE
District Engineer

PROBASCO
CREMER

Copy furnished:
BWR, ATTN: R. Franson and R. Potter

- OCE
- SPD
- cc:
- Engr (Lev & Chan)
- (Prog Dev)
- F&A
- Valley Res Ofc
- Flood Control

Unit 147

O'SHEI
[Signature]

C
O
P
Y

The Reclamation Board
State of California

C
O
P
Y

AUG 21 1968
4130.70.612

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

Dear Sir:

Reference is made to your letter of August 1, 1968 concerning transfer to the State of California of 5,250 feet of levee berm construction on the right bank of the Yuba River between Stations 10+50 to 43+50 and 67+50 to 87+00, in accordance with Specification No. 3391A.

The Reclamation Board, at its meeting of August 16, 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

*Transfer
Sac R. Flood Control
Project*

C-0

SPKKO-F

1 August 1968



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

Gentlemen:

Reference is made to the joint inspection of 31 July 1968, made for the purpose of transferring a portion of the Sacramento River Flood Control Project to the State of California for operation and maintenance. Further reference is made to 1st Supplement dated 29 March 1957, to the Memorandum of Understanding dated 30 November 1953, and item #58P.

This work, designated as Unit No. 678, consisting of 5,250 feet of levee berm construction on the Yuba River right bank between Stations 10+50 to 43+50 and 67+50 to 87+00, was completed on 24 May 1968, in accordance with specification No. 3391A, Contract No. DACW05-68-C-0075, and Drawing No. 8-4-774.

This work was performed under the general authority of the Flood Control Act of 1941, 77th Congress, 1st Session, Section 2304(a)(17), Title 10, U.S.C.A.

The flood control work described above now meets the requirements of the Sacramento River Flood Control Project. Therefore, said flood control work, together with the waterway banks contiguous thereto, are transferred to the State of California for operation and maintenance. This portion of the project work will be added by amendment to the operation and maintenance manual, Supplement No. 147, Sacramento River Flood Control Project. Copies will be furnished your office at a later date.

Sincerely yours,

[Signature]
COLEMAN/p

[Signature]
HENSON

[Signature]
HART

[Signature]
YOUNG

Jone

CRAWFORD YOUNG
Colonel, CE
District Engineer

Unit 147

2RB

JP

678

Copy furnished:
DWR, ATTN: John Wright

*cc. Valley
Eng'g*

C
O
P
Y

THE RECLAMATION BOARD
STATE OF CALIFORNIA

February 21, 1964

Refer to: 4130.70.605

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

Dear Sir:

Reference is made to your letter of 6 February 1964, concerning transfer to the State of California of a patrol road on the right bank of the Yuba River from Hallwood Boulevard to Walnut Avenue, Station 101+74 to Station 205+00, in accordance with Specification No. 3012.

The Reclamation Board, at its meeting of February 20, 1964, formally accepted the above-referred to work for operation and maintenance; said operation and maintenance limited to the patrol road only.

Sincerely yours,

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

EXHIBIT F

6 FEB 1964

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

Gentlemen:

Reference is made to the joint inspection made on 31 January 1964 of flood control work pertaining to the Sacramento River Flood Control Project for the purpose of transferring this work to the State of California for operation and maintenance.

The above work, designated as Unit No. 572, consists of construction of a patrol road on the right bank of the Yuba River, from Hollywood Boulevard to Walnut Avenue, Station 101+74 to Station 205+00. This work was completed on 24 January 1964, in accordance with Specification No. 3012 and Drawing No. S-4-667, Contract No. DA-04-157-CIVENG-64-44.

The flood control work described above now meets the limited requirements of the Sacramento River Flood Control Project. (Therefore, said flood control work, together with the waterway banks contiguous thereto) are transferred to the State of California for operation and maintenance.

Sincerely yours,

ROBERT E. MATHE
Colonel, CE
District Engineer

Adm
MORGAN/pnp
[Signature]
COLEMAN
[Signature]
THOMPSON
[Signature]
HART
[Signature]
MATHE

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

OCE
SPD

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

Unit 117

REGISTERED
RETURN RECEIPT REQUESTED

672 *[initials]*

SPKKO-C

30 AUG 1962

Unit 667

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

Gentlemen:

Reference is made to the joint inspection made on 21 August 1962 of flood control work on a unit of the Sacramento River Flood Control Project for the purpose of transferring it to the State of California for operation and maintenance.

The above work, designated as Unit No. 667, consists of levee construction on left bank of Yuba River, from mile point 0.75 to High Ground; and levee enlargement and surfacing of left bank Feather River, from mile point 25.61 to 26.50. This work was completed on 17 August 1962 in accordance with Specification No. 2740, Contract No. DA-04-167-CIVENS-62-62, and Drawing No. 8-4-666.

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

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations, inclosed herewith, which have been prescribed by the Secretary of the Army pursuant to Section 3 of the Act of Congress, approved 22 June 1936, as amended and supplemented by the current issue of the Standard Operation and Maintenance Manual for the Sacramento River Flood Control Project. As provided under Paragraph 208.10(10) of these regulations, a supplement to the Standard Operation and Maintenance Manual covering the above described unit of work is in process of preparation and will be furnished to you upon completion.

OPERATIONS BRANCH
CHANNELS & LEVEES SECTION

REGISTERED
RETURN RECEIPT REQUESTED

Units 1461
147

P

667

Unit 667

30 AUG 1962

SPKKO-C
The Reclamation Board

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

Sincerely yours,

1 Incl
F.C. Regulations

F. KOCHES
Acting District Engineer

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

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

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

LJK
8/29/62
KRISTOF/lis

[Signature]
THOMPSON

JOHNSON

[Signature]
KOCHEs

OPERATIONS BRANCH
CHANNELS & LEVELS SECTION

Units 145, 147

EDMUND G. BROWN
GOVERNOR

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

THE RECLAMATION BOARD

OF THE
STATE OF CALIFORNIA

1215 O STREET
SACRAMENTO 14, CALIFORNIA
TELEPHONE: HI 5-4711

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

September 7, 1961

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

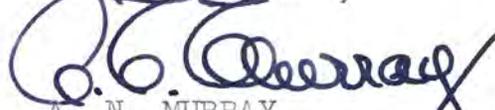
Dear Sir:

Reference is made to your letter of August 25, 1961, File SPKKO-C, regarding transfer to the State of California of levee rehabilitation and improvement work on the left bank of the Feather River and on the back levee of Reclamation District 10, Specification No. 2683, at the following locations:

- Item 7a -- Construction of 7 turnouts along back levee R.D. 10, including standard turnaround at levee end.
- Item 58e -- Correction of seepage conditions endangering levee at Binny Junction.
- Item 58s -- Construction of 3 turnarounds in vicinity of Binny Junction.
- Item 58t -- Provided 20-foot standard crown on levee between 13th Street and S.P.R.R. (North) in Marysville.

The Reclamation Board at its meeting of September 7, 1961, formally accepted the above levee rehabilitation and improvement work for operation and maintenance.

Sincerely yours,



A. N. MURRAY
General Manager and Chief Engineer

HSB:ED

*Copies sent to
205th
Banzak
Jensen
9/12/61
LJK*

Unit 147,151

25 AUG 1961

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

Supplement #1

Gentlemen:

Reference is made to Supplement dated 29 November 1957 to the Memorandum of Understanding entered into with the State of California under date of 30 November 1953, covering added items of work required to complete the Sacramento River Flood Control Project.

The flood control work, consisting of levee rehabilitation and improvement work on the left bank of the Feather River and back levee Reclamation District No. 10, Marysville, California, items listed below, was completed on 25 August 1961 in accordance with Specification No. 2683, Contract No. DA-04-167-CIVENG-61-68 and Drawing No. 4-4-513:

- Item 7a -- Construction of seven turnouts along back levee R.D. #10, including standard turnaround at levee end.
- Item 58e - Correction of seepage condition endangering levee at Binny Junction.
- Item 58s - Construction of three turnarounds in vicinity of Binny Junction.
- Item 58t - Provided 20-foot standard crown on levee between 13th Street and S.P.R.R. (North) in Marysville.

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

Unw 7147, 151

SPKGO-C
The Reclamation Board

25 AUG 1961

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

Sincerely yours,

H. N. TURNER
Colonel, CE
District Engineer

Copy furnished:
Dept Water Res
23rd & "N" Sts
Sacto, Calif.

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

CC: Engr Divn-Levees & Channels
Engr Divn-Program Dev. Br.
Finance & Acctg Br.
Northern Area Office

OPERATIONS BRANCH
CHANNELS & LEVEES SECTION

Handwritten initials

Concurrents	
Originator:	RHT/ak
Date:	8/25/61
Dist. Engr.	<i>[Signature]</i>
Dep. Dist. Engr.	<i>[Signature]</i>
Exec. Asst.	<i>[Signature]</i>
Compt.	
Records	
Fin. Acctg.	
Legal	
Plan. & Insp.	
Spec. Engr.	
Office Support	<i>[Signature]</i>
Comm. Off.	
Engr. Asst.	
R. E.	
Personnel	
Contract	
Supply	
Security	
Sp.	
Training	
Library	

Unit 147,157
[Handwritten signature]

COPY

1

THE RECLAMATION BOARD
OF THE
STATE OF CALIFORNIA
1100 O Street
Sacramento, California

December 3, 1952

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

Dear Sir:

Reference is made to your SPKKO-P 824-3 (Sac. Riv. FCP) dated 2 Oct 1952, transferring certain completed levee units, together with the patrol roads thereon and with the waterway banks contiguous thereto, to the State of California for operation and maintenance.

The Reclamation Board at its meeting December 21, 1952, accepted said levee units on behalf of the State of California.

The units so accepted are:

Part "F" - Levees protecting the City of Marysville:

1. Levee and patrol road along the left bank of Nigger Jack Slough, also known as "Simmerly Slough", from the Western Pacific Railroad to the Feather River at Marysville, California, completed 24 September 1952.

111-A
= 352

147

2. Levee and patrol road along the left bank of the Feather River and the right bank of the Yuba River, from Nigger Jack Slough to "D" Street Bridge at Marysville, California, completed 24 September 1952.

112-A
= 353

147

Part "G" and "H" - Westerly Levee of the Feather River:

1. Levee and patrol road along the right bank of the Feather River, from 5th Street bridge, Yuba City, upstream 1400 feet, at Yuba City, Sutter County, California, completed 5 September 1952.

113-A
= 354

144

17

2. From Station 0+00 to 172+70, levee and patrol road along the right bank of the Feather River, from Nicolaus Bridge upstream approximately 3.31 miles, near Nicolaus, Sutter County, California, completed 24 September 1952.

114-A
= 355

143

Acceptance
Units 111-A
to 121-A
= 352 to 362

12/3/52

824.3 (Sac. R. FCP) SPK

-2-
District Engineer
December 3, 1952

Part "I" - Southerly Levee of Bear River:

From Station 46+80 to 343+70, levee and patrol road along the left bank of Bear River from a point 5,400 feet upstream from Carlin Bridge upstream to high ground, near Wheatland, Yuba County, California, completed 8 September 1952.

115-A
= 356

141.1

Part "J" and "K" - Southerly and Northerly Levees of Yankee Slough:

1. From Station 316+70 to 511+10, levee and patrol road along the left bank of Yankee Slough, from the W.P.R.R. upstream to high ground, near Rio Oso, Sutter County, California, completed 24 September 1952.

116-A
= 357

141.1

2. From Station 166+70 to 536+09, levee and patrol road along the right bank of Yankee Slough, from its junction with Bear River upstream to high ground, completed 16 September 1952.

117-A
= 358

141.1

Part "L" - Southerly Levee of South Dry Creek and Easterly and Westerly Levees of Grasshopper Diversion Channel:

1. From Station 98+45 to 671+28, levee and patrol road along the left bank of South Dry Creek Channel, from a point 1.86 miles upstream from Bear River to the westerly levee to Grasshopper Diversion Channel, near Wheatland, California, completed 8 September 1952.

118-A
= 359

146
↓

2. From Station 377+60 to 418+16, levee and patrol road along the left bank of South Dry Creek, from the easterly levee of Grasshopper Diversion Channel upstream approximately 4056 feet, near Wheatland, California, completed 8 September 1952.

119-A
= 360

3. From Station 0+00 to 25+69, levee and patrol road along the westerly bank of Grasshopper Diversion Channel, from the southerly levee of South Dry Creek upstream approximately 2569 feet near Wheatland, California, completed 8 September 1952. Station 25+69 corresponds to Station 390+20 shown on drawing.

120-A
= 361

4. From Station 0+00 to 13+85, levee and patrol road along the easterly bank of Grasshopper Diversion Channel from the southerly levee of South Dry Creek upstream approximately 1385 feet, near Wheatland, California, completed 8 September 1952.

121-A
= 362

↑
146

SAH:emw

Very truly yours,
THE RECLAMATION BOARD
A.M. BARTON
Chief Engineer and General Manager

/s/S.A. Honaker,
ASST. Secretary

REGISTERED MAIL
Return Receipt
Requested

SPKKO-P 824-3 (Sac. Riv. FCP)

2 OCT 1952

10/2/52

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

Gentlemen:

Reference is made to District Engineer letter dated 3 September 1952, wherein it was suggested that a joint inspection be made for the purpose of transferring to the jurisdiction of the State of California, when completed, various levee units of the Sacramento River Flood Control Project. Reference is also made to joint inspections of these units of work which were made on 18 July and 11 September 1952.

In accordance with the above, you are hereby advised that the units listed below, which are covered under Specification No. 1636, Drawing No. 50-4-2897, have been completed as follows:

Part "F" - Levees protecting the City of Marysville:

1. Levee and patrol road along the left bank of Nigger Jack Slough, also known as "Simmerly Slough", from the Western Pacific Railroad to the Feather River at Marysville, California, completed 24 September 1952.

147

2. Levee and patrol road along the left bank of the Feather River and the right bank of the Yuba River, from Nigger Jack Slough to "D" Street Bridge at Marysville, California, completed 24 September 1952.

147

Part "G" and "H" - Westerly Levee of the Feather River:

1. Levee and patrol road along the right bank of the Feather River, from 5th Street bridge, Yuba City, upstream 1400 feet, at Yuba City, Sutter County, California, completed 5 September 1952.

144

Concurrent	
Originator	
Date: 30	
Exec. O	2
Chief	
Ad. Asst.	2
Chf. Tech	
Asst.	
to neg.	
1952.	
Svcs.	
Oper.	
Eng's	
R. E.	
Plnc.	
Pers.	
Legal	
Supply	

Levee sections 352 to 362
Letter No. 37
36

824-3
[Handwritten signature]

SPEKO-P
The Reclamation Board

143
2. From Station 0+00 to 172+70, levee and patrol road along the right bank of the Feather River, from Niclaus Bridge upstream approximately 3.31 miles, near Niclaus, Sutter County, California, completed 24 September 1952.

Part "I" - Southerly Levee of Bear River:

From Station 46+80 to 343+70, levee and patrol road along the left bank of Bear River from a point 5,400 feet upstream from Carlin Bridge upstream to high ground, near Wheatland, Yuba County, California, completed 8 September 1952. 141.1

Part "J" and "K" - Southerly and Northerly Levees of Yankee Slough:

1. From Station 316+70 to 511+10, levee and patrol road along the left bank of Yankee Slough, from the W.P.R.R. upstream to high ground, near Rio Oso, Sutter County, California, completed 24 September 1952. 141.1

2. From Station 166+70 to 536+09, levee and patrol road along the right bank of Yankee Slough, from its junction with Bear River upstream to high ground, completed 16 September 1952. 141.1

Part "L" - Southerly Levee of South Dry Creek and Easterly and Westerly Levees of Grasshopper Diversion Channel:

1. From Station 98+45 to 671+28, levee and patrol road along the left bank of South Dry Creek Channel, from a point 1.86 miles upstream from Bear River to the westerly levee of Grasshopper Diversion Channel, near Wheatland, California, completed 8 September 1952. 146

2. From Station 377+60 to 418+16, levee and patrol road along the left bank of South Dry Creek, from the easterly levee of Grasshopper Diversion Channel upstream approximately 4056 feet, near Wheatland, California, completed 8 September 1952. 146

3. From Station 0+00 to 25+69, levee and patrol road along the westerly bank of Grasshopper Diversion Channel, from the southerly levee of South Dry Creek upstream approximately 2569 feet near Wheatland, California, completed 8 September 1952. Station 25+69 corresponds to Station 390+20 shown on drawing. 146

4. From Station 0+00 to 13+85, levee and patrol road along the easterly bank of Grasshopper Diversion Channel from the southerly levee of South Dry Creek upstream approximately 1385 feet, near Wheatland, California, completed 8 September 1952. 146

SPKKO-P
The Reclamation Board

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

The maintenance work required under the provisions of the Sacramento River Flood Control Project shall be performed in accordance with existing Flood Control Regulations which have been prescribed by the Secretary of the Army pursuant to Section 3 of the Act of Congress, approved 22 June 1936, as amended and supplemented. As provided under Paragraph No. 208.10 (10) of these regulations, a maintenance manual covering these levee units is in process of preparation and will be furnished to you upon completion.

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

FOR THE DISTRICT ENGINEER:

Copy furnished:
State Engineer,
✓ Dept. of Public Works
1120 "N" St., Sacto, Calif.

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

Sincerely yours,

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

C. de ARRIETA

REGISTERED MAIL
Receipt Receipt
Requested

Letter No. 12

12

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

8 DEC 1951

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

Gentlemen:

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

The levee reaches in question are located as follows:

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

b. Easterly levee of the Sacramento River.

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

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

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

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

c. Westerly levee of the Sacramento River.

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

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

62.65

Accepted by letter dated 9 March 1953

Letter 12 Items 140 to 198

12

SPKRA 024,5 (Sac. Riv. F.C.P.)
The Reclamation Board

Letter No. 12

12

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

- ✓ 147. (8) Mile 62.65 to Mile 63.1 (South End Sacramento Weir). 116
- ✓ 148. (4) At Sacramento Weir. 158
- ✓ 149. (5) Mile 63.5 (North End Sacramento Weir) to Mile 67.11. 122
- ✓ 150. (6) Mile 68.42 to Mile 70.9. 122
- ✓ 151. (7) Mile 76.5 to Mile 81.7 (East End Fremont Weir). 123
- ✓ 152. (8) Along Fremont Weir. 157
- ✓ 153. (9) Mile 84.0 (West End Fremont Weir) to Mile 85.3. 128
- ✓ 154. (10) Mile 85.5 to Mile 85.9. 128
- ✓ 155. (11) Mile 87.6 to Mile 88.4. 128
- ✓ 156. (12) Mile 89.2 to Mile 89.8 (Knights Landing Highway Bridge). 128
- ✓ 157. (13) Mile ^{89.2}89.8 (Knights Landing Highway Bridge) to Sycamore Slough. 89.9 128
- ✓ 158. (14) Mile ^{100.6}100.6 to Mile 101.4. 128
- ✓ 159. (15) Mile 110.9 to Mile 111.2. 128

Reach No. 5

Reach No. 4

d. Westerly levee of the Feather River.

- Reach 39 ✓ 160. (1) Sutter Bypass to Nicolaus Bridge. 143
- ✓ 161. (2) From a point 3.31 miles northerly from Nicolaus Bridge to the Fifth Street Bridge between Marysville and Yuba City. 143, 144
- Reach 38 ✓ 162. (3) From a point 1,400 feet northerly from the Fifth Street Bridge between Marysville and Yuba City to Station 774+00 "Y.C.N.B." Traverse. 144
- ✓ 163. (4) From a point east of Station 1188+00 "Y.C.N.B." Traverse to high ground just northerly from the Western Canal Headgate. 144

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

12

Letter No. 12

12

f. Easterly levee of the Feather River.

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

g. Levees protecting the City of Marysville. All 147

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

h. Levees protecting Reclamation District No. 10.

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

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

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

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

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

12

SPIKA 824.3 (Sac. Riv. P.C.P.)
The Reclamation Board

Letter No. 12

12

m. Southerly levee of the American River.

Reach
No. 25 ✓

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

n. Westerly levee of the Yolo Bypass.

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

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

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

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

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

s. Southerly levee of Knights Landing Ridge Cut. 127

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

12

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

Letter No. 12

12

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

- 26 ✓ 195 (S) { From a point 3,300 feet westerly from Yolo Bypass to a point 7,100 feet westerly from Yolo Bypass. 127
Also covered under Unit No. 96-A
- 35 ✓ 196 t. That portion of the back or westerly levee of Hastings Tract which runs east and west along the County Road for a distance of approximately one mile. 107
- ✓ 197 u. Northerly levee of Sycamore Slough from Sacramento River to Knights Landing Outfall Gates. 130
- ✓ 198 v. Southerly levee of Sycamore Slough from Sacramento River to Knights Landing Outfall Gates. 132

The records of this office show that your Board has accepted the levees and/or works covered by Items b.(1), b.(2), b.(3), c.(2), c.(4), c.(8), c.(11), c.(12), c.(14), d.(1), d.(3), d.(4), f.(3), f.(5), g., h., i., l., m., n.(1), n.(2), n.(3), n.(6), n.(7), n.(8), o., p., q., r. and s.(1) above, as complete. Accordingly the waterway bank contiguous to said Items is hereby transferred to the State of California for maintenance and operation.

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

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

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

FOR THE DISTRICT ENGINEER:

Sincerely yours,

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

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

12

R E S O L U T I O N

PASSED AND ADOPTED BY THE RECLAMATION BOARD

APRIL 7, 1948

- - -

WHEREAS The Reclamation Board has heretofore approved a certain item of "new construction"; consisting of the enlargement, set back and reconstruction of the north levee along the Yuba River from Marysville upstream for a distance of approximately 1.8 miles; and

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

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

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

RESOLVED AND ORDERED that the north levee along the Yuba River from Marysville upstream for a distance of approximately 1.8 miles, together with the berms and appurtenant structures thereof, be, and the same is hereby turned over to The Marysville Levee Commission for maintenance and operation, as the legally authorized

59

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

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

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of The Reclamation Board, this 11 day of April, 1948.


S. A. HONAKER
Assistant Secretary

PERKES 824.3(Sac.River)

23 March 1948

SUBJECT: Maintenance of North Levee, Yuba River, from
Marysville upstream 1.8 miles

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

Gentlemen:

Enlargement of the north levee along the Yuba River, from Marysville upstream for a distance of approximately 1.8 miles, has been completed. Therefore, in accordance with established procedure, this portion of completed levee is hereby transferred to the State of California for maintenance.

This construction forms an integral part of the Sacramento River Flood Control Project. The details and extent of the work are shown on inclosed drawing No. 8-4-516, in two sheets, entitled "Proposed Levee Enlargement, North Levee, Yuba River, from Marysville North Levee, upstream 1.8 miles."

There is also inclosed a copy of Flood Control Regulations prescribed by the Secretary of War, now referred to as the Secretary of the Army, pursuant to the provisions of Section 3 of the Act of Congress approved 22 June 1936, as amended and supplemented, to govern the maintenance and operation of Flood Control Works, of which the levee referred to above is a part. In accordance with paragraph 208.10(10) of said regulations, at a later date this office will furnish your Board and local interests with an operation and maintenance manual to assist in carrying out their obligations established by these regulations.

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

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

2 Incls.
Drawing No. 8-4-516 (in 2 sheets)
Flood Control Regulations

Copy furnished:
State Engineer, with Incls.

S. Manual No. 17

3
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EXHIBIT G
SUGGESTED SEMI-ANNUAL REPORT FORM

13
14
15
16
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18

19
20
21
22

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

(1 May 19__)
(1 Nov 19__)

Dear Sir:

The semi-annual report for the period (1 May 19__ to 31 October 19__)
(1 November 19__ to 30 April 19__) Unit No. 747 of the Sacramento River
Flood Control Project (Marysville levees) is as follows:

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

(Superintendent's summary of conditions)

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

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

b. During this report period, major high water periods (water level
at 66.0 on the U. S. Weather Bureau gage located at "D" Street, Marysville)
occurred on the following dates:

<u>Dates</u>	<u>Maximum Elevation</u>
_____	_____
_____	_____
_____	_____

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

(Superintendent's log of flood observations)

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

(See Maintenance Manual _____.)

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

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

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

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

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

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

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

Respectfully submitted,

Superintendent of Works

SPDOH 800.21 (Sac River)

1st Ind

(S-8 Aug 55)

Sac Dist

SUBJECT: Approval of Operation and Maintenance Manual for Unit No. 147
of the Sacramento River Flood Control Project, California
(Basic: 15 Jul 53)

TO: Dist Engr, Sac Dist, Corps of Engr, US Army, Sacramento, Calif

In accordance with authority granted in multiple letter, ENGCM, Office, Chief of Engineers, 3 March 1954, subject: "Discontinuance of Submission of Copies of Operation and Maintenance Manuals," the subject manual is approved subject to corrections indicated in red on the inclosed copy of the manual.

BY ORDER OF COLONEL BERRIGAN:

2 Incls
n/c - 2 (under s/c)
w/d - 1 cy 1

WILLIAM F. CASSIDY
Colonel, CE
Assistant Division Engineer

cc: Div Engr