

**RECLAMATION DISTRICT NO. 1601
TWITCHELL ISLAND
BOARD OF TRUSTEES MEETING
TUESDAY, AUGUST 15, 2023
9:00 AM
ENGINEER'S REPORT**

I. LEVEE DISTRESS AT LEVEE STATION 500+00.

- A. Review conditions of cracking and subsidence of levee at levee station 500+00.
Review bathymetric survey comparisons and recent photographs.

EXHIBIT A: Bathymetric survey comparisons and cross-section comparisons

EXHIBIT B: Photographic summary.

II. PROJECT FUNDING AGREEMENT TW – 21 - 1.0 TIMES PROJECT

- A. Review status of “Times” Project and meeting with DWR scheduled for Friday
8/11/23 @ 9:30 AM.

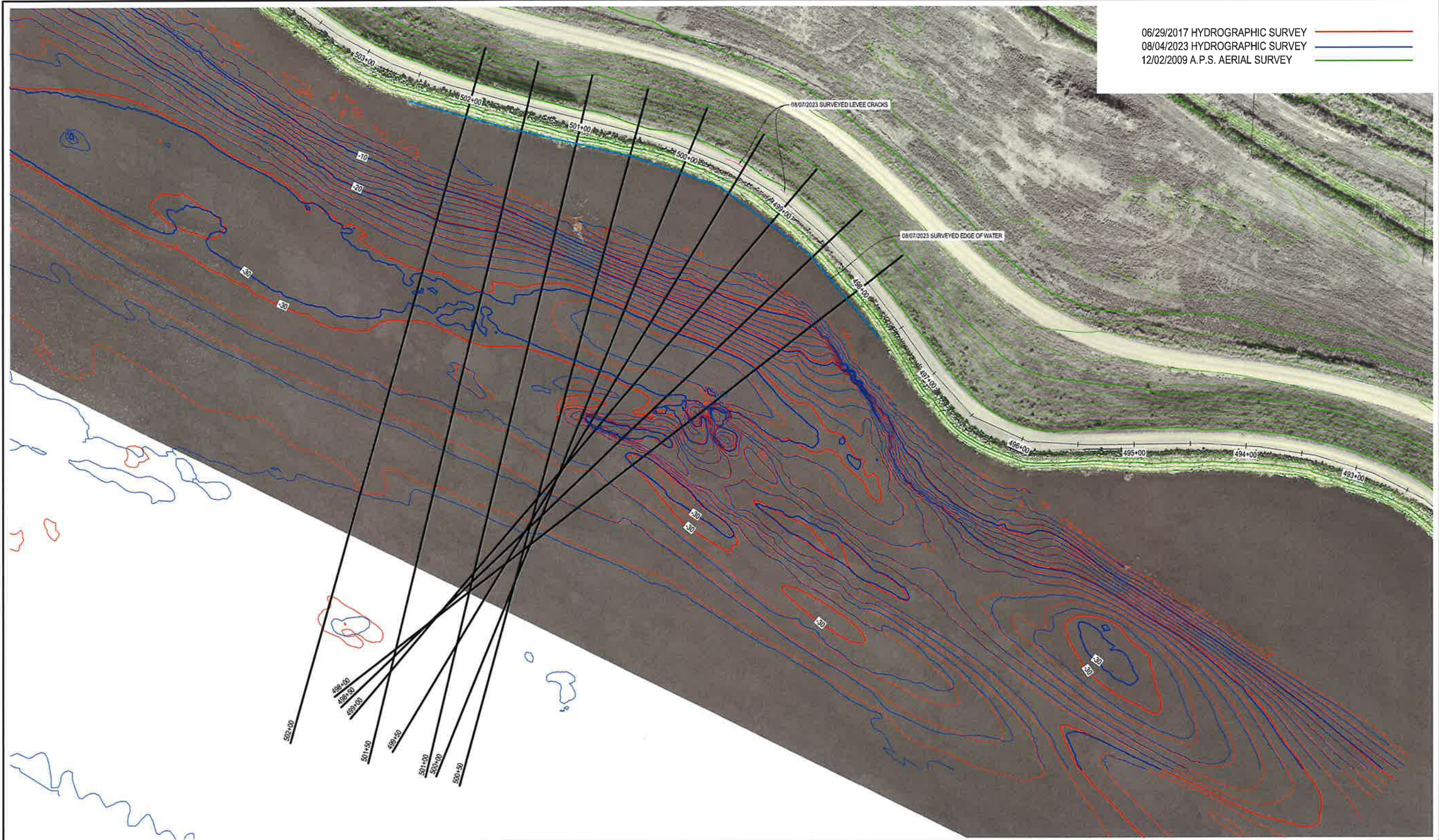
**III. DELTA LEVEE SUBVENTIONS PROJECT -SPECIAL PROJECTS
MULTI-BENEFIT PSP**

- A. Review with DWR trustees the letter of commitment from DWR, the landowner
whose land the project will be built on agreeing to establishment of the project.
Discuss DWR requirement for RD 1601 to acquire sufficient real property right
from DWR to build, operate and maintain the levee improvements.

EXHIBIT C: DWR Commitment Letter Dated May 16, 2023.

EXHIBIT A

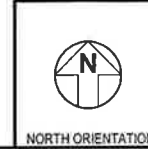
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 PLOT DATE: Aug 09, 2023 - 1:17pm



06/29/2017 HYDROGRAPHIC SURVEY
 08/04/2023 HYDROGRAPHIC SURVEY
 12/02/2009 A.P.S. AERIAL SURVEY



SUBMITTAL	
%	Date



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY CGS
 DRAWN BY CGS
 CHECK BY KFN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 40'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

ZSK inc.
KJELSDEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 www.ksninc.com

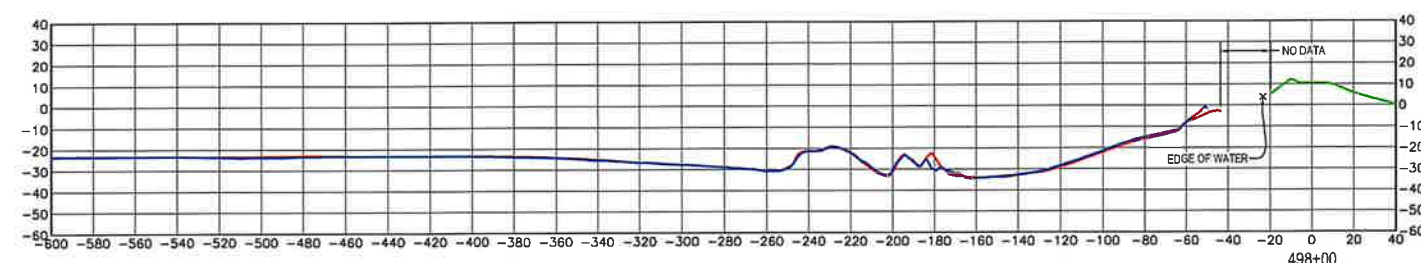
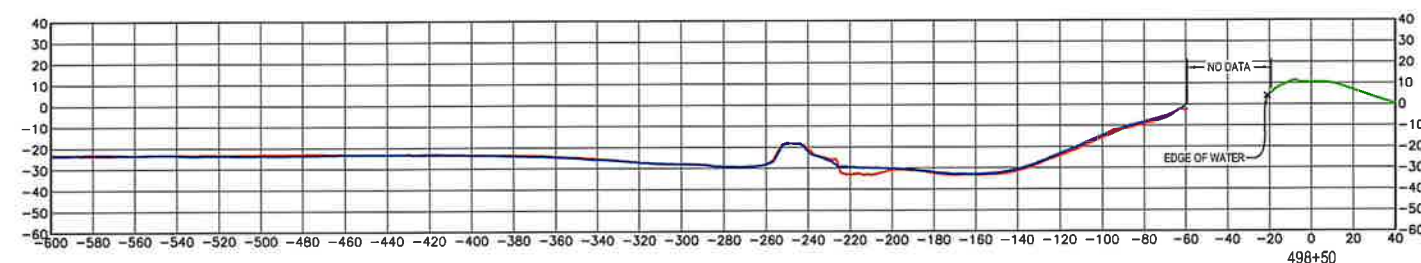
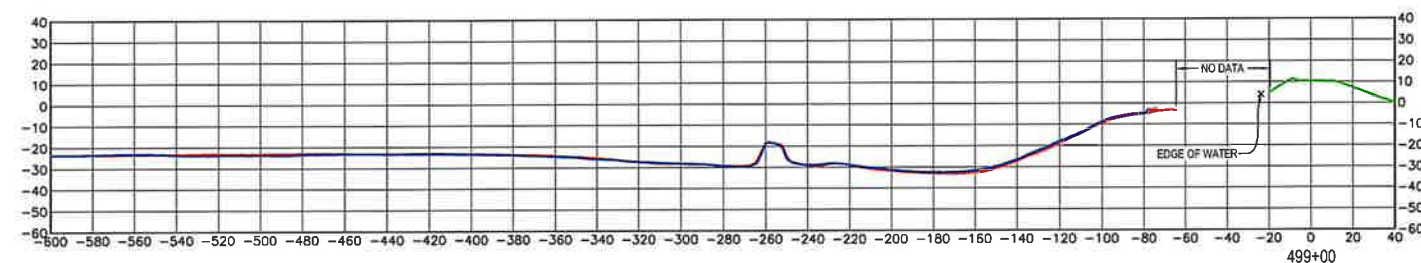
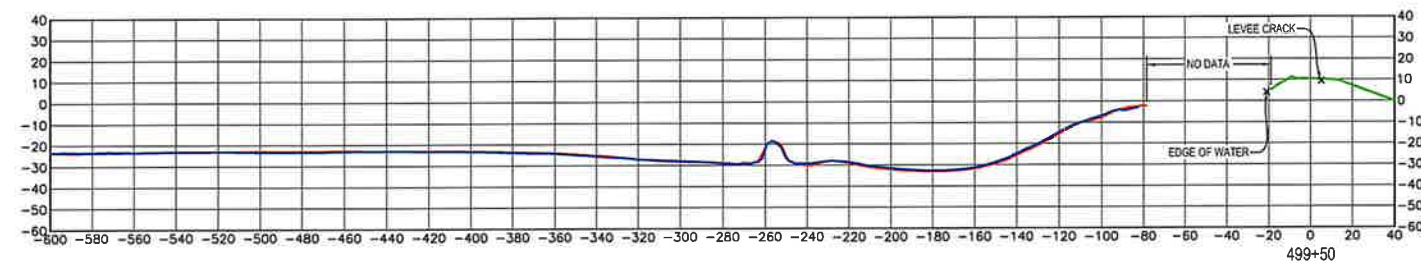
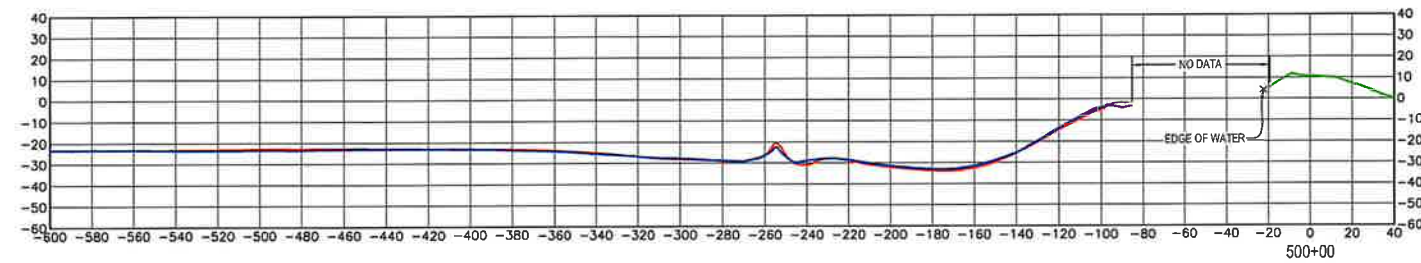
711 N. Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900

SJR LEEVE IMPROVEMENTS
 RD 1601 TWITCHEL ISLAND
 SACRAMENTO COUNTY, CALIFORNIA

HYDROGRAPHIC SURVEYS COMPARISON
 2017 & 2023

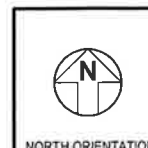
DATE
 AUGUST 2023
 SHEET IDENTIFICATION
 SHEET 1 OF 3
 KSN PROJECT FILE NO.
 1110-0571

06/29/2017 HYDROGRAPHIC SURVEY
 08/04/2023 HYDROGRAPHIC SURVEY
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FILE SPEC: C:\Users\cesiora\AppData\Local\Temp\AePublish_3392\Hydro Comparison 2017-2023 x-sec.dwg
 PLOT DATE: Aug 09, 2023 1:18pm

811 Know what's below. Call before you dig.	SUBMITTAL	
	%	Date



PROJECT ENGINEER
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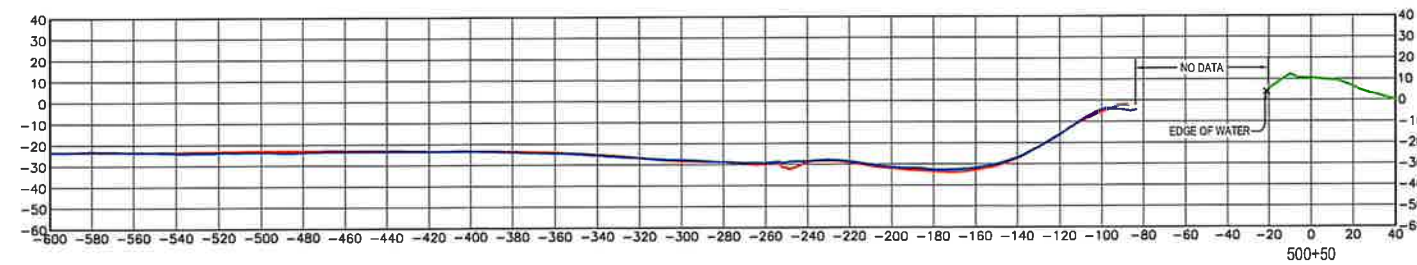
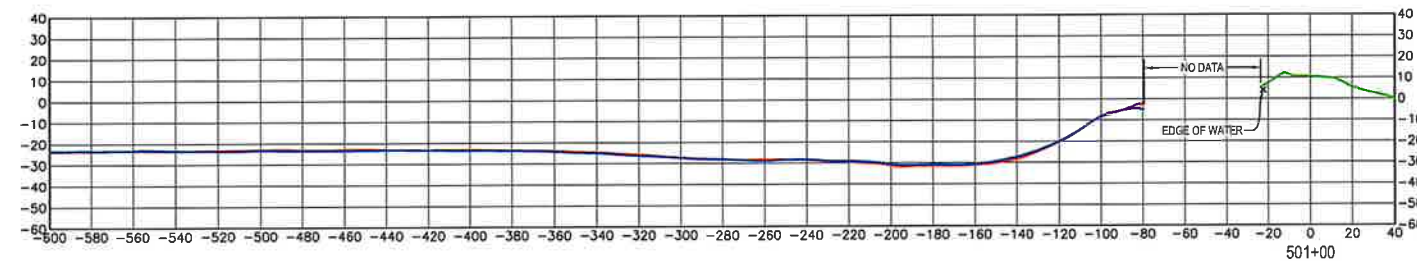
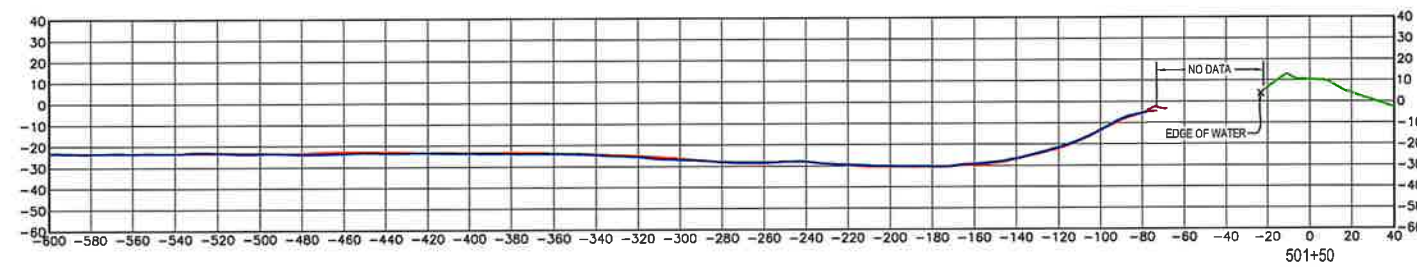
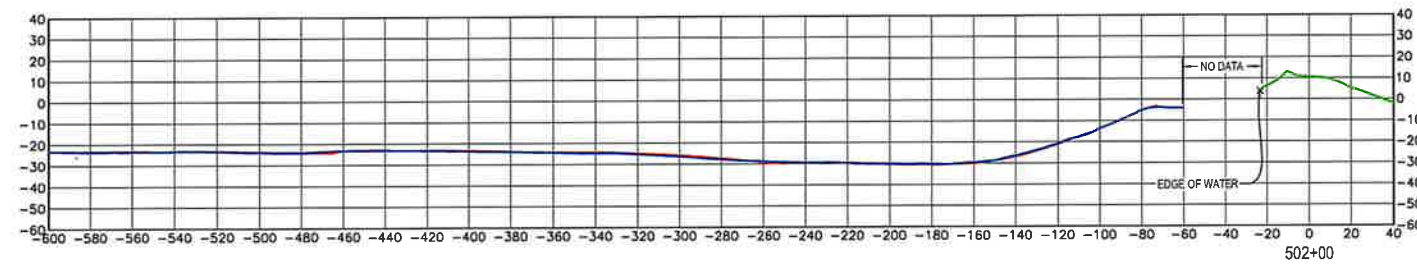
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 West Sacramento, CA 95691
 916-403-5900

SJR LEVEE IMPROVEMENTS
 RD 1601 TWITCHEL ISLAND
 SACRAMENTO COUNTY, CALIFORNIA

CROSS SECTION

DATE AUGUST 2023
SHEET IDENTIFICATION
SHEET 2 OF 3
KSN PROJECT FILE NO. 1110-0571

06/29/2017 HYDROGRAPHIC SURVEY
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FILE SPEC: C:\Users\vsolora\AppData\Local\Temp\AcPublish_3352\Hydro Comparison 2017-2023 x-sec.dwg
 PLOT DATE: Aug 09, 2023 11:18pm



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PROJECT ENGINEER
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 HORIZ: 1" = 40'
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SJR LEVEE IMPROVEMENTS
 RD 1601 TWITCHEL ISLAND
 SACRAMENTO COUNTY, CALIFORNIA

CROSS SECTION

DATE
 AUGUST 2023
 SHEET IDENTIFICATION

 SHEET 3 OF 3
 KSN PROJECT FILE NO.
 1110-0571

EXHIBIT B

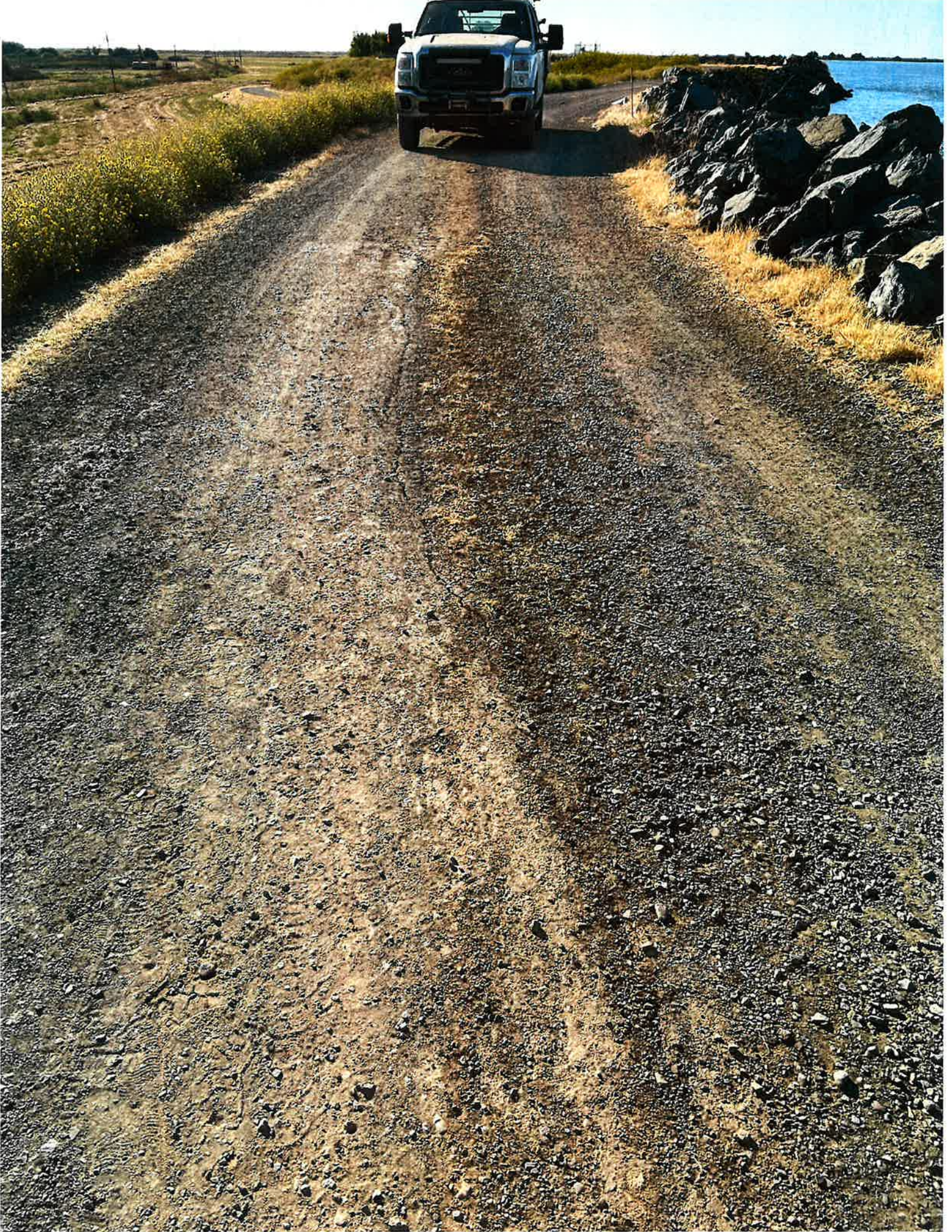








EXHIBIT C

BARRY SGARELLA
DAVID HUSTON
JASBIR GILL
Trustees

RECLAMATION DISTRICT NO. 1601
2360 W. Twitchell Island Road
Rio Vista, California 94571

JESSE W. BARTON
Attorney
KJELDSSEN, SINNOCK & NEUDECK
District Engineer

May 16, 2023

Kacy Kimball
California Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001

Dear Ms. Kimball:

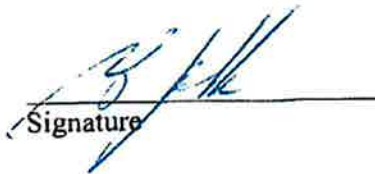
The purpose of this letter is to request a commitment from the Department of Water Resources (DWR) agreeing to the establishment of habitat on DWR property within Twitchell Island as part of the San Joaquin River Setback Levee Project, Reach 6 Project.

Reclamation District 1601 (District) requests this commitment from DWR because the District's San Joaquin River Setback Levee Project, Reach 6 Project has been selected for possible funding from DWR. As part of the Full Application process, the District is required to submit a commitment from the landowner on whose property the habitat will be built that the landowner agrees to having habitat established on their property.

The San Joaquin River Setback Levee Project, Reach 6 Project will be built between Levee Stations 482+00 and 508+80 to provide flood protection and habitat benefits. It is expected that approximately 18.4 acres of DWR land will be necessary for the Project. Please see attached map.

If this proposal is acceptable to DWR, please sign where indicated below acknowledging DWR's commitment to provide the necessary land for the project. If there are questions, or if there is a need for additional information, please contact the District engineer, Chris Neudeck at 209-946-0268.

Sincerely,
Barry Sgarrella, President


Signature

Allan Davis for Angelica Aguilar
Signature

Allan Davis for Angelica Aguilar 6/22/2023
Print Name Date

The Department of Water Resources agrees to the establishment of habitat on DWR property as shown on the attached map as part of the San Joaquin River Setback Levee Project, Reach 6 Project.

** See attached letter for conditional approval details

DEPARTMENT OF WATER RESOURCES

P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



Reclamation District No. 1601
2360 West Twitchell Island Road
Rio Vista, CA 94571

Supplemental Letter for Reclamation District 1601 San Joaquin River Setback Levee,
Reach 6 Project (Project)

The Department of Water Resources (DWR) Real Estate Branch (REB) and Division of Multi Benefits Initiatives, In-Delta Investments is agreeable in concept to allow the Reclamation District 1601 (RD 1601) to utilize approximately 18 acres of DWR property for the setback levee and associated habitat improvement as part of the Project. The signed acknowledging commitment letter is conditional that RD 1601 acquire sufficient real property rights from DWR to build, operate, and maintain the new improvements.

Any questions on the conditional approval can be directed to REB's Property Management Section Manager Kacy Kimball at Kacy.Kimball@water.ca.gov.



	 KJL KJL OLSEN SINNOCK SINNOCK INCORPORATED 1400 N. CALIFORNIA STREET SANTA ANA, CA 92701 TEL: 714.942.1100 WWW.KJLINC.COM	RECLAMATION DISTRICT NO. 1601 SAN JOAQUIN RIVER SETBACK LEVEL, REACH 6 APPROXIMATE PROJECT FOOTPRINT	DATE PLOTTED	10/10/2023
			SCALE	1" = 100'
		PROJECT NO.	1	
		FIGURE NO.	1	