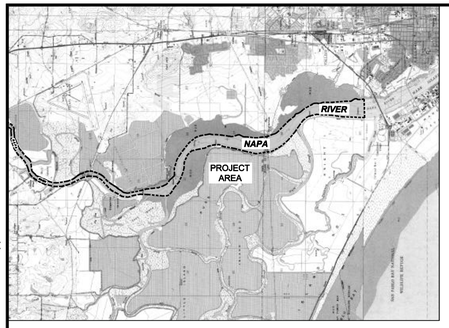
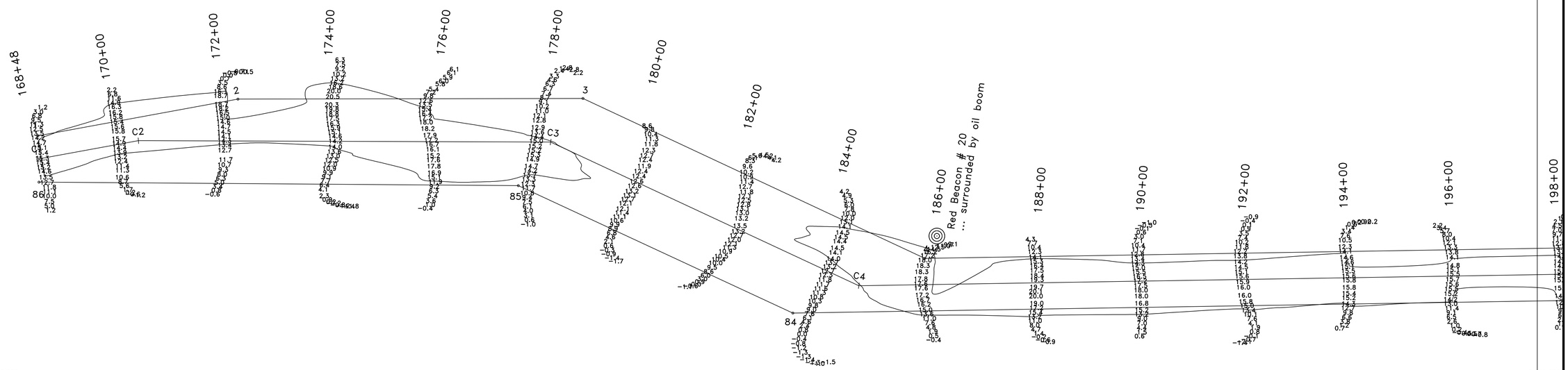
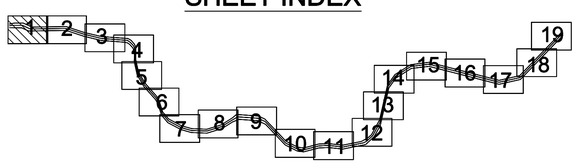


VICINITY MAP
NOT TO SCALE

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY



SHEET INDEX



NAD 83
CHANNEL ANGLE POINTS

∠ PT	X	Y	∠ PT	X	Y
1	6049459.67	2285526.34	44	6048776.47	2243801.94
2	6049529.47	2285146.44	45	6045465.77	2246990.64
3	6049530.77	2284491.14	46	6045104.57	2248601.44
4	6049226.77	2283841.84	47	6046463.57	2253889.24
5	6049268.97	2281248.54	48	6046295.27	2255227.24
6	6048820.67	2279884.34	49	6045574.57	2256380.54
7	6048508.67	2278592.34	50	6044829.57	2256914.24
8	6048361.67	2276586.34	51	6041981.27	2257566.34
9	6048224.67	2276357.34	52	6041162.17	2258023.54
10	6047934.67	2276096.34	53	6040567.87	2258659.04
11	6047695.67	2275999.34	54	6040216.47	2260379.94
12	6046816.67	2276013.34	55	6040339.47	2261458.94
13	6045857.67	2275806.34	56	6040309.17	2262182.24
14	6044974.67	2275292.34	57	6040008.17	2263335.04
15	6044027.67	2274440.34	58	6040056.67	2263787.24
16	6043687.67	2274244.34	59	6040535.87	2264731.14
17	6042827.67	2273971.34	60	6042092.17	2266208.54
18	6042289.67	2273516.34	61	6042363.87	2266814.94
19	6041777.67	2272546.34	62	6042461.77	2268207.44
20	6041569.67	2271791.34	63	6042271.07	2268696.74
21	6041525.67	2270640.34	64	6041765.47	2269501.94
22	6041855.57	2269548.54	65	6041425.07	2270626.74
23	6042372.87	2268724.04	66	6041470.17	2271806.74
24	6042635.67	2268399.34	67	6041684.17	2272583.44
25	6042521.47	2266775.44	68	6042209.87	2273580.14
26	6042293.47	2266266.44	69	6042778.37	2274060.64
27	6040617.67	2264671.34	70	6043647.07	2274336.34
28	6040160.57	2263771.04	71	6043968.57	2274521.74
29	6040114.97	2263317.64	72	6044915.45	2275373.54
30	6040408.67	2262196.34	73	6045821.07	2275900.74
31	6040439.67	2261455.34	74	6046806.77	2276113.54
32	6040317.67	2260384.34	75	6047548.97	2276101.64
33	6040601.67	2258993.34	76	6047853.87	2276225.44
34	6040860.67	2258492.34	77	6048114.07	2276459.54
35	6041115.47	2258219.34	78	6048226.67	2276626.34
36	6042227.87	2257612.54	79	6048279.57	2276834.64
37	6044872.97	2257005.84	80	6048409.57	2278607.84
38	6045649.57	2256449.54	81	6048724.37	2279911.74
39	6046392.27	2255264.24	82	6049106.27	2281073.74
40	6046565.17	2253882.84	83	6049165.45	2281463.74
41	6045207.47	2248599.84	84	6049122.77	2284092.54
42	6045556.47	2247042.94	85	6049364.97	2284613.94
43	6048864.47	2243853.94	86	6049371.67	2285524.34

NAD 83
CENTERLINE ANGLE POINTS

∠ PT	X	Y
1	6049415.67	2285525.34
2	6049450.57	2285335.44
3	6049447.87	2284552.54
4	6049174.77	2283967.14
5	6049217.17	2281356.14
6	6049187.67	2281161.14
7	6048772.57	2279898.04
8	6048459.07	2278600.14
9	6048320.67	2276710.44
10	6048294.17	2276606.34
11	6048169.37	2276408.44
12	6047894.27	2276160.84
13	6047622.37	2276050.54
14	6046811.77	2276063.44
15	6045839.37	2275853.54
16	6044945.07	2275332.94
17	6043998.17	2274481.04
18	6043667.37	2274290.34
19	6042802.97	2274015.64
20	6042249.97	2273548.24
21	6041730.87	2272564.84
22	6041519.97	2271799.04
23	6041475.37	2270633.54
24	6041810.47	2269525.24
25	6042321.97	2268710.44
26	6042548.77	2268303.34
27	6042442.67	2266795.24
28	6042192.87	2266237.54
29	6040576.77	2264701.24
30	6040108.67	2263779.14
31	6040061.57	2263326.34
32	6040358.97	2262189.24
33	6040389.57	2261457.14
34	6040267.07	2260382.14
35	6040584.77	2258826.14
36	6040714.27	2258575.64
37	6041138.77	2258121.74
38	6042103.77	2257586.34
39	6044851.27	2256960.04
40	6045612.07	2256415.04
41	6046343.47	2255244.34
42	6046514.37	2253886.04
43	6045155.97	2248600.64
44	6045511.07	2247016.84
45	6048819.87	2243829.54

NOTES:

DRAWING NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS FOR THE OUTSIDE CHANNEL (100 FT. WIDE) TAKEN BY FATHOMETER; THE INSIDE CHANNEL (60 FT. WIDE) TAKEN BY LEADLINE, AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NGVD 1929.

PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

VERTICAL CONTROL:
168+48 - 190+00 MON. 20 USC&GS DISC 23.60 M.L.L.W.
190+00 - 536+00 MON. TIDAL 1 1922 USC7GS DISC 7.86 M.L.L.W.
536+00 - 692+23 CAP DOCK 1995 2" DISC RC 15310 11.81 M.L.L.W.

PROJECT DEPTH IS 15 FEET FROM ENTRANCE AT THE MARE ISLAND CAUSEWAY TO AYLUM SLOUGH, THENCE 10 FEET TO HEAD OF NAVIGATION.

GRAPHICS SCALE 1" = 100'

100' 0 50' 100' 300'

MATCHLINE – SHEET 2

US Army Corps of Engineers
San Francisco District
333 Market Street
San Francisco, CA 94105

Mark	Description	Date	Appr.

SUBMITTED: PC
Hydro. Survey Section
APPROVAL RECOMMENDED:
Chief, Engineering Branch
APPROVED:
Chief, Engineering Technical & Services Br.

DESIGNED BY: | CHECKED BY: TVW | DRAWN BY: EWC
DATE: 5/5/2003 | SHEET NO. 1 OF 19 | DRAWING NO. 50 | 2 | 160

PREPARED UNDER THE DIRECTION OF
MICHAEL McCORMICK
LT. COLONEL, C.E., DISTRICT ENGINEER

NAPA COUNTY CALIFORNIA

NAPA RIVER
CONDITION SURVEY
23–25 APRIL 2003

Sheet reference number
C1