



**SACRAMENTO AREA FLOOD CONTROL AGENCY
NATOMAS LEVEE IMPROVEMENT PROJECT**

MASTER SCHEDULE

Updated 7-11-08

ID	Task Name	Duration	Start	Finish
1	Program Management	1785 days	Mon 5/1/06	Fri 3/1/13
2	Environmental Compliance	652 days	Fri 9/14/07	Mon 3/15/10
108	Permits	685 days	Wed 8/1/07	Tue 3/16/10
348	Real Estate Acquisition and Management Agreements	1012 days	Mon 5/1/06	Tue 3/16/10
767	Funding	793 days	Thu 3/15/07	Mon 3/29/10
963	Design	1096 days	Sun 1/1/06	Mon 3/15/10
2042	Construction	632 days	Thu 6/19/08	Fri 11/19/10
2220	Related Agency Construction Activities	130 days	Mon 5/3/10	Fri 10/29/10
2223	Certifications	1254 days	Fri 5/30/08	Wed 3/20/13
2240	Habitat Installation	870 days	Fri 8/1/08	Thu 12/1/11
2246	Habitat Establishment	1022 days	Mon 1/3/11	Tue 12/2/14
2252	Operations and Maintenance	321 days	Tue 12/1/09	Tue 2/22/11



**SACRAMENTO AREA FLOOD CONTROL AGENCY
NATOMAS LEVEE IMPROVEMENT PROJECT**

MASTER SCHEDULE

Updated 7-11-08

ID	Task Name	Duration	Start	Finish	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Program Management	1785 days	Mon 5/1/06	Fri 3/1/13	5/1 → 3/1										
2	Environmental Compliance	652 days	Fri 9/14/07	Mon 3/15/10	9/14 → 3/15										
3	Phase II - CEQA Compliance	54 days	Fri 9/14/07	Thu 11/29/07	9/14 → 11/29										
12	Phase II - NEPA Compliance	286 days	Fri 9/14/07	Fri 10/17/08	9/14 → 10/17										
40	Phase III - NEPA/CEQA Compliance	225 days	Tue 5/27/08	Mon 4/6/09	5/27 → 4/6										
74	Phase IV - NEPA/CEQA Compliance	263 days	Thu 3/12/09	Mon 3/15/10	3/12 → 3/15										
108	Permits	685 days	Wed 8/1/07	Tue 3/16/10	8/1 → 3/16										
109	Permitting for Phase II - Construction	319 days	Wed 8/1/07	Mon 10/20/08	8/1 → 10/20										
110	2081 CESA Compliance	140 days	Tue 1/15/08	Mon 7/28/08	1/15 → 7/28										
118	1602 Streambed Alteration Agreement	276 days	Mon 9/17/07	Mon 10/6/08	9/17 → 10/6										
125	Encroachment Permit, Central Valley Flood Protection Board Approvals	33 days	Wed 2/6/08	Fri 3/21/08	2/6 → 3/21										
129	Section 408	145 days	Fri 3/21/08	Thu 10/9/08	3/21 → 10/9										
139	Section 404	319 days	Wed 8/1/07	Mon 10/20/08	8/1 → 10/20										
155	Section 7 Consultation	245 days	Tue 10/2/07	Mon 9/8/08	10/2 → 9/8										
166	Section 401	267 days	Fri 9/14/07	Mon 9/22/08	9/14 → 9/22										
172	NHPA Section 106 Compliance	133 days	Thu 4/17/08	Mon 10/20/08	4/17 → 10/20										
180	Sacramento County SMARA Permit for Airport Properties	152 days	Fri 3/14/08	Mon 10/13/08	3/14 → 10/13										
188	Permitting for Phase III - Construction	244 days	Wed 4/30/08	Tue 4/7/09	4/30 → 4/7										
189	CESA Compliance	177 days	Thu 7/17/08	Fri 3/20/09	7/17 → 3/20										
197	1602 Streambed Alteration Agreement	101 days	Mon 11/3/08	Mon 3/23/09	11/3 → 3/23										
204	Encroachment Permit, Central Valley Flood Protection Board Approvals	166 days	Fri 8/1/08	Fri 3/20/09	8/1 → 3/20										
208	Section 408	103 days	Wed 11/12/08	Sun 4/5/09	11/12 → 4/5										
218	Section 404	226 days	Tue 5/27/08	Tue 4/7/09	5/27 → 4/7										
235	Section 7 Consultation	153 days	Thu 7/17/08	Mon 2/16/09	7/17 → 2/16										
246	Section 401	84 days	Fri 7/18/08	Wed 11/12/08	7/18 → 11/12										
252	NHPA Section 106 Compliance	194 days	Wed 4/30/08	Tue 1/27/09	4/30 → 1/27										
260	Sutter County SMARA Permit for Brookfield Property	147 days	Mon 9/1/08	Tue 3/24/09	9/1 → 3/24										
268	Sacramento County SMARA Permit for Fishermans Lake	143 days	Thu 9/4/08	Mon 3/23/09	9/4 → 3/23										
276	Permitting for Phase IV - Construction	490 days	Wed 4/30/08	Tue 3/16/10	4/30 → 3/16										
277	CESA Compliance	168 days	Thu 6/25/09	Mon 2/15/10	6/25 → 2/15										
285	1602 Streambed Alteration Agreement	101 days	Mon 10/12/09	Mon 3/1/10	10/12 → 3/1										
292	Encroachment Permit, Central Valley Flood Protection Board Approvals	123 days	Wed 5/27/09	Mon 11/16/09	5/27 → 11/16										
296	Section 408	316 days	Fri 12/26/08	Sun 3/14/10	12/26 → 3/14										
306	Section 404	214 days	Thu 5/21/09	Tue 3/16/10	5/21 → 3/16										
323	Section 7 Consultation	153 days	Thu 6/25/09	Mon 1/25/10	6/25 → 1/25										
334	Section 401	94 days	Thu 6/25/09	Tue 11/3/09	6/25 → 11/3										
340	NHPA Section 106 Compliance	368 days	Wed 4/30/08	Fri 9/25/09	4/30 → 9/25										
348	Real Estate Acquisition and Management Agreements	1012 days	Mon 5/1/06	Tue 3/16/10	5/1 → 3/16										
349	Right of Entry	543 days	Fri 2/15/08	Tue 3/16/10	2/15 → 3/16										
350	Sac River	140 days	Fri 2/15/08	Thu 8/28/08	2/15 → 8/28										
363	PGCC	77 days	Mon 3/17/08	Tue 7/1/08	3/17 → 7/1										
377	Elkhorn Irrigation Canal (Sac R East Reach 6 to 8) and GGS/Drainage Canal (Sac R East Reach 6 to 11)	108 days	Mon 3/17/08	Thu 8/14/08	3/17 → 8/14										
390	Riverside Irrigation Canal	103 days	Tue 3/25/08	Thu 8/14/08	3/25 → 8/14										
403	Borrow Sites (Airport North Bufferlands Grasslands 1 and 2)	12 days	Mon 3/17/08	Wed 4/2/08	3/17 → 4/2										
411	Borrow Site (Brookfield Borrow/Restoration)	12 days	Mon 3/17/08	Wed 4/2/08	3/17 → 4/2										
419	Borrow Site (Fisherman's Lake, Grasslands 3,boot)	516 days	Tue 3/25/08	Tue 3/16/10	3/25 → 3/16										
432	NEMDC West	105 days	Mon 3/17/08	Fri 8/8/08	3/17 → 8/8										
446	American River	133.51 days	Fri 2/15/08	Wed 8/20/08	2/15 → 8/20										
459	Right of Way Acquisition for Phase II - Construction	772 days	Mon 5/1/06	Wed 4/15/09	5/1 → 4/15										
460	Natomas Cross Canal Phase 2	357 days	Mon 12/3/07	Wed 4/15/09	12/3 → 4/15										
461	Unoccupied properties	230 days	Mon 12/3/07	Sun 10/19/08	12/3 → 10/19										
474	Occupied and agency properties (Shelley, Hovis, Henningsen)	356 days	Tue 12/4/07	Wed 4/15/09	12/4 → 4/15										
489	Sac R East Levee Phase 1 (Reaches 1-4B)	751 days	Mon 5/1/06	Mon 3/16/09	5/1 → 3/16										
490	Unoccupied properties	188 days	Mon 12/3/07	Thu 8/21/08	12/3 → 8/21										
503	Occupied and agency properties	751 days	Mon 5/1/06	Mon 3/16/09	5/1 → 3/16										
518	Relocation Work Sac R East & Elkhorn Irr. & GGS/Drainage Canal (Sac R East Reaches 4B to 6A)	189 days	Mon 12/3/07	Thu 8/21/08	12/3 → 8/21										
519	Unoccupied properties	189 days	Mon 12/3/07	Thu 8/21/08	12/3 → 8/21										
532	Right of Way Acquisition for Phase III - Construction	450 days	Mon 12/3/07	Fri 8/21/09	12/3 → 8/21										



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Updated 7-11-08

ID	Task Name	Duration	Start	Finish	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
533	Sacramento River East Levee Phase 2 (Reaches 5A-9B)	450 days	Mon 12/3/07	Fri 8/21/09			12/3	8/21							
534	Unoccupied properties (Reaches 5A-6A)	188 days	Mon 12/3/07	Thu 8/21/08			12/3	8/21							
547	Unoccupied properties (Reaches 6B-9B)	207 days	Thu 5/1/08	Sat 2/14/09			5/1	2/14							
560	Occupied properties (6A-9B)	338 days	Wed 5/7/08	Fri 8/21/09			5/7	8/21							
580	PGCC	246 days	Thu 5/1/08	Fri 4/10/09			5/1	4/10							
581	Unoccupied properties	246 days	Thu 5/1/08	Fri 4/10/09			5/1	4/10							
594	NEMDC West (Elkhorn Blvd. to Northgate Blvd.)	261 days	Thu 5/1/08	Fri 4/30/09			5/1	4/30							
595	Unoccupied properties	261 days	Thu 5/1/08	Thu 4/30/09			5/1	4/30							
609	Right of Way Acquisition for Phase IV - Construction	1010 days	Mon 5/1/06	Fri 3/12/10	5/1					3/12					
610	NEMDC West (Sankey Rd. to Elkhorn Blvd.)	960 days	Mon 5/1/06	Sat 1/2/10	5/1					1/2					
611	Unoccupied properties	371 days	Fri 8/1/08	Sat 1/2/10				8/1		1/2					
624	Occupied and agency properties	872 days	Mon 5/1/06	Tue 9/1/09	5/1					9/1					
644	Sacramento River East Levee Phase 3 (Reaches 10-20)	439 days	Tue 3/25/08	Sat 11/28/09			3/25	11/28							
645	Unoccupied properties	346 days	Fri 8/1/08	Sat 11/28/09			8/1	11/28							
658	Occupied Properties	346 days	Tue 3/25/08	Tue 7/21/09			3/25	7/21							
678	American River North Levee	228 days	Wed 4/29/09	Fri 3/12/10				4/29	3/12						
679	Unoccupied properties	228 days	Wed 4/29/09	Fri 3/12/10				4/29	3/12						
692	Riverside Irrigation Canal (Reaches 12-18)	226 days	Fri 8/1/08	Fri 6/12/09			8/1	6/12							
693	Unoccupied properties	226 days	Fri 8/1/08	Fri 6/12/09			8/1	6/12							
706	Joint Use Agreement Between SAFCA and RD 1000	20 days	Tue 10/28/08	Mon 11/24/08			10/28	11/24							
712	Joint Use Agreement Between SAFCA and the State	20 days	Tue 10/28/08	Mon 11/24/08			10/28	11/24							
718	Brookfield Property Borrow/Restoration Agreements	82 days	Thu 5/1/08	Fri 8/22/08			5/1	8/22							
724	Sutter County Roadway Use and Restoration Agreement	189 days	Thu 11/1/07	Wed 7/23/08			11/1	7/23							
730	Sutter County Borrow Activities Agreement	51 days	Wed 6/18/08	Wed 8/27/08			6/18	8/27							
736	Natomas Basin Conservancy Management Agreement	115 days	Thu 5/1/08	Wed 10/8/08			5/1	10/8							
745	Sac County Airport/FAA Agreement	125 days	Thu 5/1/08	Wed 10/22/08			5/1	10/22							
752	Natomas Mutual Water Company Agreement for Water Delivery	117 days	Thu 5/1/08	Fri 10/10/08			5/1	10/10							
760	RD 1000 Land Maintenance Agreement	143 days	Thu 5/1/08	Mon 11/17/08			5/1	11/17							
767	Funding	793 days	Thu 3/15/07	Mon 3/29/10			3/15	3/29							
768	Development Fee Program	215 days	Fri 3/7/08	Thu 1/1/09			3/7	1/1							
777	2008 Funding	393 days	Thu 3/15/07	Mon 9/15/08			3/15	9/15							
778	Complete second CCAD Bond Sale	121 days	Mon 3/31/08	Mon 9/15/08			3/31	9/15							
805	State Funding Agreement	348 days	Thu 3/15/07	Mon 7/14/08			3/15	7/14							
837	Section 104	159 days	Fri 1/18/08	Wed 8/27/08			1/18	8/27							
846	Corps Fed. Credit Agr. for Previously Authorized Work (WRDA sect 2003) acceptable to Corps	78 days	Thu 5/15/08	Mon 9/1/08			5/15	9/1							
854	2009 Funding	166 days	Sat 11/1/08	Mon 6/22/09			11/1	6/22							
855	State Funding Agreement	108 days	Sat 11/1/08	Wed 4/1/09			11/1	4/1							
878	Section 104	103 days	Fri 11/21/08	Tue 4/14/09			11/21	4/14							
887	Corps Fed. Credit Agr. for Previously Authorized Work (WRDA sect 2003) acceptable to Corps	78 days	Thu 3/5/09	Mon 6/22/09			3/5	6/22							
895	2010 Funding	302 days	Fri 1/30/09	Mon 3/29/10			1/30	3/29							
896	Complete third CCAD Bond Sale	80 days	Fri 10/30/09	Thu 2/18/10			10/30	2/18							
923	State Funding Agreement	58 days	Fri 1/1/10	Tue 3/23/10			1/1	3/23							
946	Section 104	302 days	Fri 1/30/09	Mon 3/29/10			1/30	3/29							
955	Corps Fed. Credit Agr. for Previously Authorized Work (WRDA sect 2003) acceptable to Corps	78 days	Thu 3/5/09	Mon 6/22/09			3/5	6/22							
963	Design	1096 days	Sun 1/1/06	Mon 3/15/10	1/1					3/15					
964	Board of Senior Consultants Design Review Process	323 days	Tue 3/4/08	Thu 5/28/09			3/4	5/28							
976	Hydrology and Hydraulics	189 days	Mon 12/3/07	Thu 8/21/08			12/3	8/21							
986	Encroachment Identification and Remediation, Natomas Levee Perimeter	208 days	Tue 1/1/08	Thu 10/16/08			1/1	10/16							
993	Design of Phase I Improvements	63 days	Tue 3/11/08	Thu 6/5/08			3/11	6/5							
994	Design of Natomas Cross Canal Phase 1	63 days	Tue 3/11/08	Thu 6/5/08			3/11	6/5							
1009	Design of Phase II Improvements	814 days	Sun 1/1/06	Thu 2/12/09	1/1					2/12					
1010	Design of Natomas Cross Canal Phase 2	809 days	Wed 1/4/06	Mon 2/9/09	1/4					2/9					
1076	Design of Sac R East Levee (Reaches 1-4B)	814 days	Sun 1/1/06	Thu 2/12/09	1/1					2/12					
1146	Utility Pole Relocation Plan	44 days	Fri 5/30/08	Wed 7/30/08			5/30	7/30							
1153	Design of Elkhorn Irrigation Canal and GGS/Drainage Canal (Sac R East Reaches 4B to 6A) & Private Irrigation Relocations (Re)	305 days	Wed 7/18/07	Tue 9/16/08			7/18	9/16							
1216	Design of Borrow Site (Airport North Bufferlands)	160 days	Tue 1/1/08	Mon 8/11/08			1/1	8/11							
1227	Design of Phase III Improvements	858 days	Sun 1/1/06	Wed 4/15/09	1/1					4/15					
1228	Design of Sac R East Levee (Reaches 5A-9B)	858 days	Sun 1/1/06	Wed 4/15/09	1/1					4/15					

MASTER SCHEDULE

Updated 7-11-08

ID	Task Name	Duration	Start	Finish	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1291	Design of PGCC	336 days	Tue 1/1/08	Wed 4/15/09				1/1	4/15						
1365	Design of NEMDC West Levee (Elkhorn Blvd. to Northgate Blvd.)	304 days	Fri 2/15/08	Wed 4/15/09				2/15	4/15						
1439	Design of Elkhorn Irr. Canal (Sac River Reach 6B to 9A) and GGS/Drainage Canal (Sac River Reach 6B to I-5)	313 days	Fri 2/1/08	Tue 4/14/09				2/1	4/14						
1508	Design of Design of Pritchard Lake Pumping Plant & Pumping Plant #2 (Drainage)	545 days	Thu 2/1/07	Wed 3/4/09		2/1			3/4						
1572	Design of Brookfield Borrow/Restoration site	317 days	Tue 1/1/08	Wed 3/18/09				1/1	3/18						
1601	Design of Borrow Site Krumenacher	753 days	Mon 5/1/06	Wed 3/18/09		5/1			3/18						
1636	Design of Phase IV Improvements	1096 days	Sun 1/1/06	Mon 3/15/10	1/1					3/15					
1637	Design of American River North Levee	1096 days	Sun 1/1/06	Mon 3/15/10	1/1					3/15					
1712	Design of Sac R East Levee (Reaches 10 to 20)	1096 days	Sun 1/1/06	Mon 3/15/10	1/1					3/15					
1787	Design of NEMDC West Levee (Sankey Rd. to Elkhorn Blvd.)	565 days	Tue 1/15/08	Mon 3/15/10				1/15	3/15						
1868	Design of West Drainage Canal (Sac River Reach I-5 to 12B)	396 days	Fri 2/1/08	Fri 8/7/09				2/1	8/7						
1937	Design of Riverside Irrigation Canal (12A to 18B)	552 days	Fri 2/1/08	Mon 3/15/10				2/1	3/15						
2005	Design of Borrow Site (Fisherman's Lake)	753 days	Mon 5/1/06	Wed 3/18/09		5/1			3/18						
2042	Construction	632 days	Thu 6/19/08	Fri 11/19/10				6/19				11/19			
2043	2008 - Construction	122 days	Thu 6/19/08	Fri 12/5/08				6/19	12/5						
2044	Construct Remainder of NCC South 1B	112 days	Thu 6/19/08	Fri 11/21/08				6/19	11/21						
2055	Construct Relocations for Sac River (Reaches 1-4B)	92 days	Thu 7/31/08	Fri 12/5/08				7/31	12/5						
2066	Construct Pritchard Lake Pumping Plant Pipe Replacement (Irrigation)	92 days	Thu 7/17/08	Fri 11/21/08				7/17	11/21						
2076	2009 - Construction	197 days	Thu 2/19/09	Fri 11/20/09				2/19	11/20						
2077	Construct Natomas Cross Canal	197 days	Thu 2/19/09	Fri 11/20/09				2/19	11/20						
2088	Construct Sac R East Levee (Reaches 1-4B)	197 days	Thu 2/19/09	Fri 11/20/09				2/19	11/20						
2099	Construct Sac R East Levee (Reaches 5A to 9B)	157 days	Thu 4/16/09	Fri 11/20/09				4/16	11/20						
2110	Construct PGCC	157 days	Thu 4/16/09	Fri 11/20/09				4/16	11/20						
2121	Construct NEMDC West Levee (Elkhorn Blvd. to Northgate Blvd.)	157 days	Thu 4/16/09	Fri 11/20/09				4/16	11/20						
2132	Construct Elkhorn Irrigation Canal and GGS/Drainage Canal (Sac R East Reaches 4B to 9B)	121 days	Thu 4/16/09	Thu 10/1/09				4/16	10/1						
2143	Construct Pumping Plant #2 (Internal Drainage)	121 days	Thu 4/16/09	Thu 10/1/09				4/16	10/1						
2153	2010 - Construction	177 days	Thu 3/18/10	Fri 11/19/10					3/18			11/19			
2154	Construct Natomas Cross Canal (NMWC Pump Station Decommissioning)	177 days	Thu 3/18/10	Fri 11/19/10					3/18			11/19			
2165	Construct American River Levee	169 days	Tue 3/30/10	Fri 11/19/10					3/30			11/19			
2176	Construct Sac R East Levee (Reaches 10-20)	169 days	Tue 3/30/10	Fri 11/19/10					3/30			11/19			
2187	Construct NEMDC West Levee (Sankey Rd. to Elkhorn Blvd.)	169 days	Tue 3/30/10	Fri 11/19/10					3/30			11/19			
2198	Construct West Drain Canal (Sac River Reach 10 to 12B)	134 days	Tue 3/30/10	Fri 10/1/10					3/30			10/1			
2209	Construct Riverside Irrigation Canal (12A to 18B)	134 days	Tue 3/30/10	Fri 10/1/10					3/30			10/1			
2220	Related Agency Construction Activities	130 days	Mon 5/3/10	Fri 10/29/10						5/3		10/29			
2221	USACE	130 days	Mon 5/3/10	Fri 10/29/10						5/3		10/29			
2223	Certifications	1254 days	Fri 5/30/08	Wed 3/20/13				5/30							3/20
2224	A99 Compliance Report: Authorization, Financing, Construction	110 days	Thu 10/1/09	Wed 3/3/10					10/1	11/0	3/3				
2225	100-Year Supplemental Report per FEMA	110 days	Fri 5/30/08	Thu 10/30/08				5/30	10/30						
2237	100 year certification by SAFCA with As-Builts	80 days	Wed 11/10/10	Tue 3/1/11						11/10	8	3/1			
2238	Letter of Map Revision showing 100 year protection	60 days	Thu 3/10/11	Wed 6/1/11						3/10	6	6/1			
2239	200-Year Flood Protection Report to State Documenting 200 year Protection	352 days	Tue 11/15/11	Wed 3/20/13							11/15	352 days			3/20
2240	Habitat Installation	870 days	Fri 8/1/08	Thu 12/1/11				8/1				12/1			
2241	Install Habitat, Grasslands/Field Crops - Borrow Sites/Levee Slopes & Seepage Berms	544 days	Mon 11/2/09	Thu 12/1/11					11/2	544 days		12/1			
2242	Install Habitat, Woodlands NCC South Levee Improvements	804 days	Mon 11/3/08	Thu 12/1/11				11/3	804 days			12/1			
2243	Install Habitat, Woodlands Sac R East Levee Phase 1	804 days	Mon 11/3/08	Thu 12/1/11				11/3	804 days			12/1			
2244	Install Habitat, GGS/Drainage Canal, Pritchard Lake PP to Elkhorn Reservoir	870 days	Fri 8/1/08	Thu 12/1/11				8/1	870 days			12/1			
2245	Install Habitat, Elkhorn Irrigation Ditch	631 days	Fri 8/1/08	Fri 12/31/10				8/1	631 days			12/31			
2246	Habitat Establishment	1022 days	Mon 1/3/11	Tue 12/2/14						1/3					12/2
2247	Establish Habitat, Grasslands/Field Crops - Borrow Sites/ Levee Slopes & Seepage Berms	783 days	Fri 12/2/11	Tue 12/2/14							12/2	783 days			12/2
2248	Establish Habitat, Woodlands NCC South Levee Improvements	783 days	Fri 12/2/11	Tue 12/2/14							12/2	783 days			12/2
2249	Establish Habitat, Woodlands Sac R East Levee Phase 1	783 days	Fri 12/2/11	Tue 12/2/14							12/2	783 days			12/2
2250	Establish Habitat, GGS/ Drainage Ditch, Pritchard Lake PP to Elkhorn Reservoir	783 days	Fri 12/2/11	Tue 12/2/14							12/2	783 days			12/2
2251	Establish Habitat, Elkhorn Irrigation Ditch	783 days	Mon 1/3/11	Wed 1/1/14						1/3	783 days			1/1	
2252	Operations and Maintenance	321 days	Tue 12/1/09	Tue 2/22/11					12/1			2/22			
2253	O&M Manual Updates	321 days	Tue 12/1/09	Tue 2/22/11					12/1			2/22			
2259	As-Built Drawings and Easement Boundaries	321 days	Tue 12/1/09	Tue 2/22/11					12/1			2/22			

ID	Task Name	Duration	Start	Finish	Predecessors	Notes
261	Prepare Draft Application	20 days	Mon 9/1/08	Fri 9/26/08	48	Draft EIR
262	SAFCA Reviews Application	20 days	Mon 9/29/08	Fri 10/24/08	261	
263	Incorporate SAFCA Comments	10 days	Mon 10/27/08	Fri 11/7/08	262	
264	Submit Application	1 day	Mon 11/10/08	Mon 11/10/08	263	
265	Agencies Review Application	90 edays	Mon 11/10/08	Sun 2/8/09	264	
266	SMARA Permit Approved by County	1 day	Fri 3/20/09	Fri 3/20/09	265,69	
267	County Board of Supervisors Approves at board Meeting	2 days	Mon 3/23/09	Tue 3/24/09	266	EIR Certified, Board meets every Tue.
268	Sacramento County SMARA Permit for Fishermans Lake	143 days	Thu 9/4/08	Mon 3/23/09		EDAW
269	Prepare Draft Application	20 days	Thu 9/4/08	Wed 10/1/08	1617	Draft EIR Prepared
270	SAFCA Reviews Application	10 days	Thu 10/2/08	Wed 10/15/08	269	
271	Incorporate SAFCA Comments	5 days	Thu 10/16/08	Wed 10/22/08	270	
272	Submit Application	1 day	Thu 10/23/08	Thu 10/23/08	271	
273	Agencies Review Application	90 edays	Thu 10/23/08	Wed 1/21/09	272	
274	SMARA Permit Approved by County	1 day	Fri 3/20/09	Fri 3/20/09	273,69	
275	County Board of Supervisors Approves at board Meeting	1 day	Mon 3/23/09	Mon 3/23/09	274	Certified EIR, Board meets each Tuesday
276	Permitting for Phase IV - Construction	490 days	Wed 4/30/08	Tue 3/16/10		EDAW
277	CESA Compliance	168 days	Thu 6/25/09	Mon 2/15/10		EDAW
278	Prepare Application	30 days	Thu 6/25/09	Wed 8/5/09	81	Draft EIR/EIS public review period
279	CDFG-SAFCA Staffing Agreement	5 days	Thu 6/25/09	Wed 7/1/09	278SS	
280	SAFCA Reviews Application	10 days	Thu 8/6/09	Wed 8/19/09	278	
281	Incorporate SAFCA Comments	5 days	Thu 8/20/09	Wed 8/26/09	280	
282	Submit CESA 2081 application to DFG	1 day	Thu 8/27/09	Thu 8/27/09	281	
283	CDFG Consultation Process	60 edays	Thu 8/27/09	Mon 10/26/09	282	
284	2081 CESA Compliance Permit	1 day	Mon 2/15/10	Mon 2/15/10	283,103	EIR Certified
285	1602 Streambed Alteration Agreement	101 days	Mon 10/12/09	Mon 3/1/10		EDAW
286	Prepare Application	40 days	Mon 10/12/09	Fri 12/4/09	91SS	Draft EIR/EIS public review period
287	SAFCA Reviews Application	10 days	Mon 12/7/09	Fri 12/18/09	286	
288	Incorporate SAFCA Comments	5 days	Mon 12/21/09	Fri 12/25/09	287	
289	Submit 1602 application to DFG	1 day	Mon 12/28/09	Mon 12/28/09	288	
290	CDFG Consultation Process	60 edays	Mon 12/28/09	Fri 2/26/10	289	
291	1602 Streambed Alteration Agreement	1 day	Mon 3/1/10	Mon 3/1/10	290,103	EIR Certified
292	Encroachment Permit, Central Valley Flood Protection Board Approvals	123 days	Wed 5/27/09	Mon 11/16/09		
293	SAFCA Submits Encroachment Permit Application	1 day	Mon 11/16/09	Mon 11/16/09		EDAW
294	CVFPB Reviews Encroachment Permit Application	1 emon	Wed 5/27/09	Fri 6/26/09	1762,1687,1841	60% PS&E-AR,SR3, NEMDEC
295	CVFPB Approves Encroachment	1 day	Mon 6/29/09	Mon 6/29/09	294	
296	Section 408	316 days	Fri 12/26/08	Sun 3/14/10		EDAW
297	CVFPB Issues request to SPK	1 day	Mon 6/29/09	Mon 6/29/09	294	
298	Project Summary Report	25 days	Fri 12/26/08	Thu 1/29/09		
299	SAFCA Prepares package	1 day	Fri 12/26/08	Fri 12/26/08	1742,1817,1667	AA-AR,SR3,NEMDEC
300	Corps Review of Project Summary Report	11 days	Mon 12/29/08	Mon 1/12/09	299	
301	Revise Project Summary Report	8 days	Tue 1/13/09	Thu 1/22/09	300	
302	Corps Back check of Final Project Summary Report	5 days	Fri 1/23/09	Thu 1/29/09	301	
303	Approval Process	35 days	Mon 1/25/10	Sun 3/14/10		
304	SPK releases 408 package to SPD/HQ for review/approval	5 days	Mon 1/25/10	Fri 1/29/10	302,332,341,297	
305	HQ/SPK issues 408 approval with signed ROD	5 days	Mon 3/8/10	Sun 3/14/10	304,106FF	2010 ROD issued
306	Section 404	214 days	Thu 5/21/09	Tue 3/16/10		EDAW
307	Wetland Delineation	106 days	Thu 5/21/09	Thu 10/15/09		
308	Preparation of Wetland Delineation	40 days	Thu 5/21/09	Wed 7/15/09	82FF	Draft EIR Prepared
309	SAFCA Reviews Wetland Delineation	5 days	Thu 7/16/09	Wed 7/22/09	308	
310	Wetland Delineation Submitted to Corps	1 day	Thu 7/23/09	Thu 7/23/09	309	
311	Corps Verifies Wetland Delineation	60 days	Fri 7/24/09	Thu 10/15/09	310	
312	Application	189 days	Thu 6/25/09	Tue 3/16/10		
313	Preparation of Package	28 days	Thu 6/25/09	Mon 8/3/09	81	Draft EIR/EIS Prepared
314	SAFCA reviews application	10 days	Tue 8/4/09	Mon 8/17/09	313	
315	Submit Draft Application to Corps	1 day	Tue 8/18/09	Tue 8/18/09	314	
316	Corps Responds with notice of Complete application or add info. Request	15 days	Wed 8/19/09	Tue 9/8/09	315	
317	SAFCA submits completed application based on Corps comments	10 days	Wed 9/9/09	Tue 9/22/09	316	
318	SAFCA Submits 404(b)(1) Analysis to Corps	9 days	Wed 9/23/09	Mon 10/5/09	317	
319	Corps issues public notice	30 edays	Mon 10/5/09	Wed 11/4/09	318	
320	Corps Provides Public Comments to SAFCA	6 days	Thu 11/5/09	Thu 11/12/09	319	
321	SAFCA Submits Response to Public Comments on PN to Corps	4 days	Fri 11/13/09	Wed 11/18/09	320	
322	Corps issues permit	1 day	Tue 3/16/10	Tue 3/16/10	107,339,341,333,305,321	ROD, 401, 408, BO issued & 106 signed
323	Section 7 Consultation	153 days	Thu 6/25/09	Mon 1/25/10		EDAW
324	Prepare BA	30 days	Thu 6/25/09	Wed 8/5/09	81	Draft EIR/EIS Prepared
325	SAFCA review of BA	5 days	Thu 8/6/09	Wed 8/12/09	324	
326	Incorporate Comments from SAFCA	1 day	Thu 8/13/09	Thu 8/13/09	325	
327	Submit admin draft BA to USFWS and Corps	1 day	Fri 8/14/09	Fri 8/14/09	326	
328	Corps & USFWS review admin draft BA and provides comments to SAFCA	12.5 days	Mon 8/17/09	Wed 9/2/09	327	
329	Prepare draft BA	20 days	Wed 9/2/09	Wed 9/30/09	328	
330	Corps & USFWS review draft BA	10 days	Wed 9/30/09	Wed 10/14/09	329	
331	Prepare final BA	1 day	Wed 10/14/09	Thu 10/15/09	330	
332	Section 7 Consultation with USFWS	100 edays	Thu 10/15/09	Sat 1/23/10	331	
333	USFWS Issue BO	1 day	Mon 1/25/10	Mon 1/25/10	332	
334	Section 401	94 days	Thu 6/25/09	Tue 11/3/09		EDAW
335	Prepare Application	40 days	Thu 6/25/09	Wed 8/19/09	313SS	Section 404 application
336	SAFCA Reviews Application	10 days	Thu 8/20/09	Wed 9/2/09	335	
337	Submit Water Quality Certification Request	1 day	Thu 9/3/09	Thu 9/3/09	336	
338	Agency Review	60 edays	Thu 9/3/09	Mon 11/2/09	337	
339	Issue Water Quality Certification	1 day	Tue 11/3/09	Tue 11/3/09	338	
340	NHPA Section 106 Compliance	368 days	Wed 4/30/08	Fri 9/25/09		EDAW
341	Programmatic Agreement Signed	1 day	Wed 4/30/08	Wed 4/30/08	313SS	Section 404 application
342	Prepare Draft Historic Property Treatment Plan	21 days	Thu 6/25/09	Thu 7/23/09	81	
343	Review Draft Historic Property Treatment Plan	10 days	Fri 7/24/09	Thu 8/6/09	342	
344	Finalize Draft Historic Property Treatment Plan	10 days	Fri 8/7/09	Thu 8/20/09	343	
345	SPK submits Draft Historic Property Treatment Plan to SHPO	5 days	Fri 8/21/09	Thu 8/27/09	344	
346	SHPO reviews and s Draft Historic Property Treatment Plan	11 days	Fri 8/28/09	Fri 9/11/09	345	
347	Finalize Historic Property Treatment Plan	10 days	Mon 9/14/09	Fri 9/25/09	346	
348	Real Estate Acquisition and Management Agreements	1012 days	Mon 5/1/06	Tue 3/16/10		BRI
349	Right of Entry	543 days	Fri 2/15/08	Tue 3/16/10		BRI
350	Sac River	140 days	Fri 2/15/08	Thu 8/28/08		BRI
351	ID properties with associated actions	1 day	Fri 2/15/08	Fri 2/15/08		
352	Draw up contracts	1 day	Mon 2/18/08	Mon 2/18/08	351	
353	SAFCA Approval	1 day	Tue 2/19/08	Tue 2/19/08	352	
354	Send ROE to Property Owners	1 day	Wed 2/20/08	Wed 2/20/08	353	
355	Contact Property Owners	1 day	Thu 2/21/08	Thu 2/21/08	354	
356	Negotiate	10 days	Fri 2/22/08	Thu 3/6/08	355	
357	Close Deal / Impass	28 days	Fri 3/7/08	Tue 4/15/08	356	
358	Impass (~6 weeks)	97 days	Wed 4/16/08	Thu 8/28/08		
359	Sign Declarations	60 days	Wed 4/16/08	Fri 7/25/08	357	
360	File Court Action	3 days	Mon 7/28/08	Wed 7/30/08	359	
361	Court hearing	20 days	Thu 7/31/08	Wed 8/27/08	360	
362	Court Ordered Access	1 day	Thu 8/28/08	Thu 8/28/08	361	
363	PGCC	77 days	Mon 3/17/08	Tue 7/1/08		BRI
364	ID properties with associated actions	1 day	Mon 3/17/08	Mon 3/17/08		
365	Draw up contracts	1 day	Tue 3/18/08	Tue 3/18/08	364	
366	SAFCA Approval	1 day	Wed 3/19/08	Wed 3/19/08	365	
367	Send ROE to Property Owners	5 days	Thu 3/20/08	Wed 3/26/08	366	
368	Addendum to ROE	1 day	Thu 3/27/08	Thu 3/27/08	367	
369	Contact Property Owners	1 day	Fri 3/28/08	Fri 3/28/08	368	
370	Negotiate	20 days	Mon 3/31/08	Fri 4/25/08	369	
371	Close Deal / Impass	1 day	Mon 4/28/08	Mon 4/28/08	370	
372	Impass (~6 weeks)	46 days	Tue 4/29/08	Thu 7/1/08		
373	Sign Declarations	34 days	Tue 4/29/08	Mon 6/16/08	371	
374	File Court Action	1 day	Mon 6/16/08	Mon 6/16/08	373FF	
375	Court hearing	10 days	Tue 6/17/08	Mon 6/30/08	374	
376	Court Ordered Access	1 day	Tue 7/1/08	Tue 7/1/08	375	
377	Elkhorn Irrigation Canal (Sac R East Reach 6 to 8) and GGS/Drainage Canal (Sac R East Reach 6 to 11)	108 days	Mon 3/17/08	Thu 8/14/08		BRI
378	ID properties with associated actions	1 day	Mon 3/17/08	Tue 3/18/08		
379	Draw up contracts	1 day	Tue 3/18/08	Tue 3/18/08	378	
380	SAFCA Approval	1 day	Wed 3/19/08	Wed 3/19/08	379	
381	Send ROE to Property Owners	5 days	Thu 3/20/08	Wed 3/26/08	380	
382	Contact Property Owners	1 day	Thu 3/27/08	Thu 3/27/08	381	
383	Negotiate	15 days	Fri 3/28/08	Thu 4/17/08	382	
384	Close Deal / Impass	10 days	Fri 4/18/08	Thu 5/1/08	383	
385	Impass (~6 weeks)	75 days	Fri 5/2/08	Thu 8/14/08		
386	Sign Declarations	53 days	Fri 5/2/08	Tue 7/15/08	384	
387	File Court Action	1 day	Wed 7/16/08	Wed 7/16/08	386	
388	Court hearing	20 days	Thu 7/17/08	Wed 8/13/08	387	
389	Court Ordered Access	1 day	Thu 8/14/08	Thu 8/14/08	388	
390	Riverside Irrigation Canal	103 days	Tue 3/25/08	Thu 8/14/08		BRI

ID	Task Name	Duration	Start	Finish	Predecessors	Notes
391	ID properties with associated actions	1 day	Tue 3/25/08	Tue 3/25/08		
392	Draw up contracts	1 day	Wed 3/26/08	Wed 3/26/08	391	
393	SAFCA Approval	1 day	Thu 3/27/08	Thu 3/27/08	392	
394	Send ROE to Property Owners	1 day	Fri 3/28/08	Fri 3/28/08	393	
395	Contact Property Owners	1 day	Mon 3/31/08	Mon 3/31/08	394	
396	Negotiate	10 days	Tue 4/1/08	Mon 4/14/08	395	
397	Close Deal / Impass	19 days	Tue 4/15/08	Fri 5/9/08	396	
398	Impass (-6 weeks)	85 days	Fri 4/18/08	Thu 8/14/08		
399	Sign Declarations	63 days	Fri 4/18/08	Tue 7/15/08	397SS	
400	File Court Action	1 day	Wed 7/16/08	Wed 7/16/08	399	
401	Court hearing	20 days	Thu 7/17/08	Wed 8/13/08	400	
402	Court Ordered Access	1 day	Thu 8/14/08	Thu 8/14/08	401	
403	Borrow Sites (Airport North Bufferlands Grasslands 1 and 2)	12 days	Mon 3/17/08	Wed 4/2/08		BRI
404	ID properties with associated actions	1 day	Mon 3/17/08	Tue 3/18/08		
405	Draw up contracts	1 day	Mon 3/17/08	Wed 3/19/08	404	
406	SAFCA Approval	1 day	Mon 3/17/08	Thu 3/20/08	405	
407	Send ROE to Property Owners	1 day	Mon 3/17/08	Fri 3/21/08	406	
408	Contact Property Owners	1 day	Mon 3/17/08	Mon 3/24/08	407	
409	Negotiate	1 day	Mon 3/17/08	Tue 3/25/08	408	
410	Close Deal	1 day	Tue 4/1/08	Wed 4/2/08	409	
411	Borrow Site (Brookfield Borrow/Restoration)	12 days	Mon 3/17/08	Wed 4/2/08		BRI
412	ID properties with associated actions	1 day	Mon 3/17/08	Tue 3/18/08		
413	Draw up contracts	1 day	Mon 3/17/08	Wed 3/19/08	412	
414	SAFCA Approval	1 day	Mon 3/17/08	Thu 3/20/08	413	
415	Send ROE to Property Owners	1 day	Mon 3/17/08	Fri 3/21/08	414	
416	Contact Property Owners	1 day	Mon 3/17/08	Mon 3/24/08	415	
417	Negotiate	1 day	Mon 3/17/08	Tue 3/25/08	416	
418	Close Deal	1 day	Tue 4/1/08	Wed 4/2/08	417	
419	Borrow Site (Fisherman's Lake, Grasslands 3.boot)	516 days	Tue 3/25/08	Tue 3/16/10		BRI
420	ID properties with associated actions	1 day	Tue 3/25/08	Tue 3/25/08		
421	Draw up contracts	1 day	Wed 3/26/08	Wed 3/26/08	420	
422	SAFCA Approval	1 day	Thu 3/27/08	Thu 3/27/08	421	
423	Send ROE to Property Owners	1 day	Fri 3/28/08	Fri 3/28/08	422	
424	Contact Property Owners	1 day	Mon 3/31/08	Mon 3/31/08	423	
425	Negotiate	75 days	Tue 4/1/08	Mon 7/28/08	424	
426	Close Deal / Impass	79 days	Tue 7/29/08	Tue 1/27/09	425	
427	Impass (-6 weeks)	295 days	Tue 1/27/09	Tue 3/16/10	426	
428	Sign Declarations	365 edays	Tue 1/27/09	Sun 2/14/10		
429	File Court Action	1 day	Mon 2/15/10	Mon 2/15/10	428	
430	Court hearing	20 days	Tue 2/16/10	Mon 3/15/10	429	
431	Possession	1 day	Tue 3/16/10	Tue 3/16/10	430	
432	NEMDC West	105 days	Mon 3/17/08	Fri 8/8/08		BRI
433	ID properties with associated actions	1 day	Mon 3/17/08	Mon 3/17/08		
434	Draw up contracts	1 day	Tue 3/18/08	Tue 3/18/08	433	
435	SAFCA Approval	1 day	Wed 3/19/08	Wed 3/19/08	434	
436	Send ROE to Property Owners	5 days	Thu 3/20/08	Wed 3/26/08	435	
437	Addendum to ROE	1 day	Thu 3/27/08	Thu 3/27/08	436	
438	Contact Property Owners	1 day	Fri 3/28/08	Fri 3/28/08	437	
439	Negotiate	10 days	Mon 3/31/08	Fri 4/11/08	438	
440	Close Deal / Impass	67 days	Mon 4/14/08	Tue 7/15/08	439	
441	Impass (-6 weeks)	18 days	Wed 7/16/08	Fri 8/8/08	440	
442	Sign Declarations	1 day	Wed 7/16/08	Wed 7/16/08		
443	File Court Action	1 day	Thu 7/17/08	Thu 7/17/08	442	
444	Court hearing	15 days	Fri 7/18/08	Thu 8/7/08	443	
445	Court Ordered Access	1 day	Fri 8/8/08	Fri 8/8/08	444	
446	American River	133.51 days	Fri 2/15/08	Wed 8/20/08		BRI
447	ID properties with associated actions	1 day	Fri 2/15/08	Fri 2/15/08		
448	Draw up contracts	1 day	Mon 2/18/08	Mon 2/18/08	447	
449	SAFCA Approval	1 day	Tue 2/19/08	Tue 2/19/08	448	
450	Send ROE to Property Owners	1 day	Wed 2/20/08	Wed 2/20/08	449	
451	Contact Property Owners	1 day	Thu 2/21/08	Thu 2/21/08	450	
452	Negotiate	43 days	Fri 2/22/08	Tue 4/22/08	451	
453	Close Deal / Impass	1 day	Fri 3/7/08	Wed 4/23/08	452	
454	Impass (-6 weeks)	117.51 days	Mon 3/10/08	Wed 8/20/08	453	
455	Sign Declarations	56 days	Mon 3/10/08	Mon 7/21/08		
456	File Court Action	1 day	Mon 7/21/08	Tue 7/22/08	455	
457	Court hearing	20 days	Tue 7/22/08	Tue 8/19/08	456	
458	Court Ordered Access	1 day	Tue 8/19/08	Wed 8/20/08	457	
459	Right of Way Acquisition for Phase II - Construction	772 days	Mon 5/1/06	Wed 4/15/09		BRI
460	Natomas Cross Canal Phase 2	357 days	Mon 12/3/07	Wed 4/15/09		BRI
461	Unoccupied properties	230 days	Mon 12/3/07	Sun 10/19/08		BRI
462	Title Reports	1 day	Mon 12/3/07	Mon 12/3/07		
463	Boundary Survey	20 days	Tue 12/4/07	Mon 12/31/07	462	
464	Plats and Legals	10 days	Tue 1/1/08	Mon 1/14/08	463	
465	Appraisal	20 days	Tue 1/15/08	Mon 2/11/08	464	
466	Appraisal Review and SAFCA Approval	1 day	Tue 2/12/08	Tue 2/12/08	465	
467	Preparation of Formal Offers	1 day	Wed 2/13/08	Wed 2/13/08	466	
468	Negotiations	25 days	Thu 2/14/08	Wed 3/19/08	467	
469	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 3/20/08	Thu 3/20/08	468	
470	File Court Papers	10 days	Fri 3/21/08	Thu 4/3/08	469	
471	Serve Court Papers	1 day	Fri 4/4/08	Fri 4/4/08	470	
472	Order of Possession Hearing	168.5 edays	Fri 4/4/08	Fri 9/19/08	471	
473	Effective Order of Possession	30 edays	Fri 9/19/08	Sun 10/19/08	472	
474	Occupied and agency properties (Shelley, Hovis, Henningsen)	356 days	Tue 12/4/07	Wed 4/15/09		BRI
475	Title Reports	1 day	Tue 12/4/07	Tue 12/4/07	462	
476	Boundary Survey	20 days	Wed 12/5/07	Tue 1/1/08	475	
477	Plats and Legals	10 days	Wed 1/2/08	Tue 1/15/08	476	
478	Appraisal	20 days	Mon 1/21/08	Fri 2/15/08	477	
479	Appraisal Review and SAFCA Approval	1 day	Mon 2/18/08	Mon 2/18/08	478	
480	Preparation of Formal Offers	1 day	Tue 2/19/08	Tue 2/19/08	479	
481	Negotiations	86 days	Wed 2/20/08	Mon 8/18/08	480	
482	Relocation	365 edays	Tue 4/15/08	Wed 4/15/09	480	
483	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Tue 8/19/08	Tue 8/19/08	481	
484	Escrow	30 days	Tue 8/19/08	Mon 9/29/08	481	
485	File Court Papers	90 edays	Tue 8/19/08	Mon 11/17/08	483	
486	Serve Court Papers	30 edays	Mon 11/17/08	Wed 12/17/08	485	
487	Order of Possession Hearing	1 day	Thu 12/18/08	Thu 12/18/08	486	
488	Effective Order of Possession	1 day	Fri 12/19/08	Fri 12/19/08	487	
489	Sac R East Levee Phase 1 (Reaches 1-4B)	751 days	Mon 5/1/06	Mon 3/16/09		BRI
490	Unoccupied properties	188 days	Mon 12/3/07	Thu 8/21/08		BRI
491	Title Reports	1 day	Mon 12/3/07	Mon 12/3/07		
492	Boundary Survey	20 days	Tue 12/4/07	Mon 12/31/07	491	
493	Plats and Legals	10 days	Tue 1/1/08	Mon 1/14/08	492	
494	Appraisal	20 days	Tue 1/15/08	Mon 2/11/08	493	
495	Appraisal Review and SAFCA Approval	1 day	Tue 2/12/08	Tue 2/12/08	494	
496	Preparation of Formal Offers	1 day	Wed 2/13/08	Wed 2/13/08	495	
497	Negotiations	25 days	Thu 2/14/08	Wed 3/19/08	496	
498	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 3/20/08	Thu 3/20/08	497	
499	File Court Papers	10 days	Fri 3/21/08	Thu 4/3/08	498	
500	Serve Court Papers	1 day	Fri 4/4/08	Fri 4/4/08	499	
501	Order of Possession Hearing	95.5 edays	Fri 4/4/08	Tue 7/22/08	500	
502	Effective Order of Possession	30 edays	Tue 7/22/08	Thu 8/21/08	501	
503	Occupied and agency properties	751 days	Mon 5/1/06	Mon 3/16/09		BRI
504	Title Reports	1 day	Mon 5/1/06	Mon 5/1/06		
505	Boundary Survey	20 days	Tue 5/2/06	Mon 5/29/06	504	
506	Plats and Legals	15 days	Tue 5/30/06	Mon 6/19/06	505	
507	Appraisal	20 days	Mon 1/21/08	Fri 2/15/08	506	
508	Appraisal Review and SAFCA Approval	1 day	Mon 2/18/08	Mon 2/18/08	507	
509	Preparation of Formal Offers	1 day	Tue 2/19/08	Tue 2/19/08	508	
510	Negotiations	86 days	Wed 2/20/08	Mon 8/18/08	509	
511	Relocation	365 edays	Tue 2/19/08	Wed 2/18/09	509	
512	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Tue 8/19/08	Tue 8/19/08	510	
513	Escrow	30 days	Tue 8/19/08	Mon 9/29/08	510	
514	File Court Papers	90 edays	Tue 8/19/08	Mon 11/17/08	512	
515	Serve Court Papers	30 edays	Mon 11/17/08	Wed 12/17/08	514	
516	Order of Possession Hearing	1 day	Thu 12/18/08	Thu 12/18/08	515	
517	Effective Order of Possession	1 day	Mon 3/16/09	Mon 3/16/09	516	
518	Relocation Work Sac R East & Elkhorn Irr. & GGS/Drainage Canal (Sac R East Reaches 4B to 6A)	189 days	Mon 12/3/07	Thu 8/21/08		BRI
519	Unoccupied properties	189 days	Mon 12/3/07	Thu 8/21/08		BRI
520	Title Reports	1 day	Mon 12/3/07	Mon 12/3/07		



**SACRAMENTO AREA FLOOD CONTROL AGENCY
NATOMAS LEVEE IMPROVEMENT PROJECT**

MASTER SCHEDULE

Updated 7-11-08

ID	Task Name	Duration	Start	Finish	Predecessors	Notes
521	Boundary Survey	20 days	Tue 12/4/07	Mon 12/31/07		520
522	Plats and Legals	10 days	Tue 1/1/08	Mon 1/14/08		521
523	Appraisal	20 days	Tue 1/15/08	Mon 2/11/08		522
524	Appraisal Review and SAFCA Approval	1 day	Tue 2/12/08	Tue 2/12/08		523
525	Preparation of Formal Offers	1 day	Wed 2/13/08	Wed 2/13/08		524
526	Negotiations	25 days	Thu 2/14/08	Wed 3/19/08		525
527	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 3/20/08	Thu 3/20/08		526
528	File Court Papers	10 days	Fri 3/21/08	Thu 4/3/08		527
529	Serve Court Papers	1 day	Fri 4/4/08	Fri 4/4/08		528
530	Order of Possession Hearing	108 edays	Fri 4/4/08	Mon 7/21/08		529
531	Effective Order of Possession	31 edays	Mon 7/21/08	Thu 8/21/08		530
532	Right of Way Acquisition for Phase III - Construction	450 days	Mon 12/3/07	Fri 8/21/09		BRI
533	Sacramento River East Levee Phase 2 (Reaches 5A-9B)	450 days	Mon 12/3/07	Fri 8/21/09		BRI
534	Unoccupied properties (Reaches 5A-6A)	188 days	Mon 12/3/07	Thu 8/21/08		BRI
535	Title Reports	1 day	Mon 12/3/07	Mon 12/3/07		
536	Boundary Survey	20 days	Tue 12/4/07	Mon 12/31/07		535
537	Plats and Legals	10 days	Tue 1/1/08	Mon 1/14/08		536
538	Appraisal	20 days	Tue 1/15/08	Mon 2/11/08		537
539	Appraisal Review and SAFCA Approval	1 day	Tue 2/12/08	Tue 2/12/08		538
540	Preparation of Formal Offers	1 day	Wed 2/13/08	Wed 2/13/08		539
541	Negotiations	25 days	Thu 2/14/08	Wed 3/19/08		540
542	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 3/20/08	Thu 3/20/08		541
543	File Court Papers	10 days	Fri 3/21/08	Thu 4/3/08		542
544	Serve Court Papers	1 day	Fri 4/4/08	Fri 4/4/08		543
545	Order of Possession Hearing	86.5 edays	Fri 4/4/08	Tue 7/22/08		544
546	Effective Order of Possession	30 edays	Tue 7/22/08	Thu 8/21/08		545
547	Unoccupied properties (Reaches 6B-9B)	207 days	Thu 5/1/08	Sat 2/14/09		BRI
548	Title Reports	1 day	Thu 5/1/08	Thu 5/1/08		
549	Boundary Survey	55 days	Fri 5/2/08	Thu 7/17/08		548
550	Plats and Legals	7 days	Fri 7/18/08	Mon 7/28/08		549
551	Appraisal	20 days	Tue 7/29/08	Mon 8/25/08		550
552	Appraisal Review and SAFCA Approval	1 day	Tue 8/26/08	Tue 8/26/08		551
553	Preparation of Formal Offers	1 day	Wed 8/27/08	Wed 8/27/08		552
554	Negotiations	25 days	Thu 8/28/08	Wed 10/1/08		553
555	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 10/2/08	Thu 10/2/08		554
556	File Court Papers	10 days	Fri 10/3/08	Thu 10/16/08		555
557	Serve Court Papers	1 day	Fri 10/17/08	Fri 10/17/08		556
558	Order of Possession Hearing	90 edays	Fri 10/17/08	Thu 1/15/09		557
559	Effective Order of Possession	30 edays	Thu 1/15/09	Sat 2/14/09		558
560	Occupied properties (6A-9B)	338 days	Wed 5/7/08	Fri 8/21/09		BRI
561	Title Reports	1 day	Wed 5/7/08	Wed 5/7/08		
562	Boundary Survey	51 days	Thu 5/8/08	Thu 7/17/08		561
563	Plats and Legals	7 days	Fri 7/18/08	Mon 7/28/08		562
564	Appraisal	15 days	Tue 7/29/08	Mon 8/18/08		563
565	Appraisal Review and SAFCA Approval	2 days	Tue 8/19/08	Wed 8/20/08		564
566	Preparation of Formal Offers	1 day	Thu 8/21/08	Thu 8/21/08		565
567	Negotiations	85 days	Fri 8/22/08	Thu 12/18/08		566
568	Relocation (8 & 11B)	264 days	Tue 8/19/08	Fri 8/21/09		
569	Identify Onsite Relocations	1 day	Fri 8/22/08	Fri 8/22/08		566
570	Notice of Decision to Acquire	5 days	Mon 8/25/08	Fri 8/29/08		569
571	Replacement Housing Valuation	20 days	Tue 8/19/08	Mon 9/15/08		564
572	Building Permit	103 days	Tue 9/16/08	Thu 2/5/09		571
573	Physical Relocation of Owner	365 edays	Thu 8/21/08	Fri 8/21/09		566
574	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 1/15/09	Thu 1/15/09		566
575	Escrow	30 days	Fri 1/16/09	Thu 2/26/09		574
576	File Court Papers	90 edays	Thu 1/15/09	Wed 4/15/09		574
577	Serve Court Papers	43 edays	Wed 4/15/09	Thu 5/28/09		576
578	Order of Possession Hearing	1 day	Fri 5/29/09	Fri 5/29/09		577
579	Effective Order of Possession	1 day	Mon 6/1/09	Mon 6/1/09		578
580	PGCC	246 days	Thu 5/1/08	Fri 4/10/09		BRI
581	Unoccupied properties	246 days	Thu 5/1/08	Fri 4/10/09		BRI
582	Title Reports	0 days	Thu 5/1/08	Thu 5/1/08		
583	Boundary Survey	30 days	Fri 5/2/08	Thu 6/12/08		582
584	Plats and Legals	30 days	Fri 6/13/08	Thu 7/24/08		583
585	Appraisal	60 days	Fri 7/25/08	Thu 10/16/08		584
586	Appraisal Review and SAFCA Approval	20 days	Fri 10/17/08	Thu 11/13/08		585
587	Preparation of Formal Offers	5 days	Fri 11/14/08	Thu 11/20/08		586
588	Negotiations	39 days	Fri 11/21/08	Wed 1/14/09		587
589	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 1/15/09	Thu 1/15/09		588
590	File Court Papers	10 days	Fri 1/16/09	Thu 1/29/09		589
591	Serve Court Papers	1 day	Fri 1/30/09	Fri 1/30/09		590
592	Order of Possession Hearing	60 edays	Fri 1/30/09	Tue 3/31/09		591
593	Effective Order of Possession	10 edays	Tue 3/31/09	Fri 4/10/09		592
594	NEMDC West (Elkhorn Blvd. to Northgate Blvd.)	261 days	Thu 5/1/08	Thu 4/30/09		BRI
595	Unoccupied properties	261 days	Thu 5/1/08	Thu 4/30/09		BRI
596	ROE	1 day	Thu 5/1/08	Thu 5/1/08		
597	Title Reports	1 day	Fri 5/2/08	Fri 5/2/08		596
598	Boundary Survey	54 days	Mon 5/5/08	Thu 7/17/08		597
599	Plats and Legals	20 days	Fri 7/18/08	Thu 8/14/08		598
600	Appraisal	60 days	Fri 8/15/08	Thu 11/6/08		599
601	Appraisal Review and SAFCA Approval	20 days	Fri 11/7/08	Thu 12/4/08		600
602	Preparation of Formal Offers	5 days	Fri 12/5/08	Thu 12/11/08		601
603	Negotiations	38 days	Fri 12/12/08	Tue 2/3/09		602
604	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Wed 2/4/09	Wed 2/4/09		603
605	File Court Papers	10 days	Thu 2/5/09	Wed 2/18/09		604
606	Serve Court Papers	1 day	Thu 2/19/09	Thu 2/19/09		605
607	Order of Possession Hearing	60 edays	Thu 2/19/09	Mon 4/20/09		606
608	Effective Order of Possession	10 edays	Mon 4/20/09	Thu 4/30/09		607
609	Right of Way Acquisition for Phase IV - Construction	1010 days	Mon 5/1/06	Fri 3/12/10		BRI
610	NEMDC West (Sankey Rd. to Elkhorn Blvd.)	960 days	Mon 5/1/06	Sat 1/2/10		BRI
611	Unoccupied properties	371 days	Fri 8/1/08	Sat 1/2/10		BRI
612	Title Reports	1 day	Fri 8/1/08	Fri 8/1/08		
613	Boundary Survey	20 days	Mon 8/4/08	Fri 8/29/08		612
614	Plats and Legals	10 days	Mon 9/1/08	Fri 9/12/08		613
615	Appraisal	120 edays	Fri 9/12/08	Sat 1/10/09		614
616	Appraisal Review and SAFCA Approval	30 days	Mon 1/12/09	Fri 2/20/09		615
617	Preparation of Formal Offers	1 day	Mon 2/23/09	Mon 2/23/09		616
618	Negotiations	100 days	Tue 2/24/09	Mon 7/13/09		617
619	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 8/20/09	Thu 8/20/09		618
620	File Court Papers	10 days	Fri 8/21/09	Thu 9/3/09		619
621	Serve Court Papers	1 day	Fri 9/4/09	Fri 9/4/09		620
622	Order of Possession Hearing	90 edays	Fri 9/4/09	Thu 12/3/09		621
623	Effective Order of Possession	30 edays	Thu 12/3/09	Sat 1/2/10		622
624	Occupied and agency properties	872 days	Mon 5/1/06	Tue 9/1/09		BRI
625	Title Reports	1 day	Fri 8/1/08	Fri 8/1/08		
626	Boundary Survey	5 days	Mon 8/4/08	Fri 8/8/08		625
627	Plats and Legals	20 days	Mon 8/11/08	Fri 9/5/08		626
628	Appraisal	60 days	Fri 6/6/08	Thu 8/28/08		627
629	Appraisal Review and SAFCA Approval	1 day	Fri 8/29/08	Fri 8/29/08		628
630	Preparation of Formal Offers	1 day	Mon 9/1/08	Mon 9/1/08		629
631	Negotiations	86 days	Tue 9/2/08	Tue 12/30/08		630
632	Relocation	872 days	Mon 5/1/06	Tue 9/1/09		
633	Identify Onsite Relocations	497 days	Mon 5/1/06	Tue 3/25/08		
634	Notice of Decision to Acquire	5 days	Wed 3/26/08	Tue 4/1/08		633
635	Replacement Housing Valuation	20 days	Fri 8/29/08	Thu 9/25/08		628
636	Building Permit	20 days	Fri 9/26/08	Thu 10/23/08		635
637	Physical Relocation of Owner	365 edays	Mon 9/1/08	Tue 9/1/09		630
638	SAFCA Board Resolutions of Necessity-Non Owner Occupied	1 day	Thu 1/15/09	Thu 1/15/09		
639	Escrow	30 days	Wed 12/31/08	Tue 2/10/09		631
640	File Court Papers	90 edays	Thu 1/15/09	Wed 4/15/09		638
641	Serve Court Papers	30 edays	Wed 4/15/09	Fri 5/15/09		640
642	Order of Possession Hearing	1 day	Mon 5/18/09	Mon 5/18/09		641
643	Effective Order of Possession	1 day	Tue 5/19/09	Tue 5/19/09		642
644	Sacramento River East Levee Phase 3 (Reaches 10-20)	439 days	Tue 3/25/08	Sat 11/28/09		BRI
645	Unoccupied properties	346 days	Fri 8/1/08	Sat 11/28/09		BRI
646	Title Reports	1 day	Fri 8/1/08	Fri 8/1/08		
647	Boundary Survey	20 days	Mon 8/4/08	Fri 8/29/08		646
648	Plats and Legals	10 days	Mon 9/1/08	Fri 9/12/08		647
649	Appraisal	120 edays	Fri 9/12/08	Sat 1/10/09		648
650	Appraisal Review and SAFCA Approval	30 days	Mon 1/12/09	Fri 2/20/09		649



**SACRAMENTO AREA FLOOD CONTROL AGENCY
NATOMAS LEVEE IMPROVEMENT PROJECT**

MASTER SCHEDULE
Updated 7-11-08

ID	Task Name	Duration	Start	Finish	Predecessors	Notes
1821	SAFCA and Team Review	10 days	Fri 11/7/08	Thu 11/20/08	1820	
1822	Revisions and Back check	5 days	Fri 11/21/08	Thu 11/27/08	1821	
1823	USACE & DWR Review	10 days	Fri 11/28/08	Thu 12/11/08	1822	
1824	Check Point Meeting	1 day	Fri 12/12/08	Fri 12/12/08	1823	
1825	Finalize Basis of Design Report	10 days	Mon 12/15/08	Fri 12/26/08	1824	
1826	PLANS, SPECIFICATIONS AND ESTIMATES	291 days	Tue 9/30/08	Tue 11/10/09		
1827	30 Percent PS&E	90 days	Tue 9/30/08	Mon 2/2/09		
1828	Design Engineering and Drawings	60 days	Tue 9/30/08	Mon 12/22/08	1814SS	
1829	Cost Estimate	10 days	Tue 12/23/08	Mon 1/5/09	1828	
1830	Quality Control Internal Review	5 days	Tue 12/23/08	Mon 12/29/08	1828	
1831	SAFCA and Team Review	10 days	Tue 12/30/08	Mon 1/12/09	1830	
1832	Revisions and Back check	5 days	Tue 1/13/09	Mon 1/19/09	1831	
1833	USACE & DWR Review	10 days	Tue 1/20/09	Mon 2/2/09	1832	
1834	60 Percent PS&E	80 days	Tue 2/3/09	Mon 5/25/09		
1835	Design Engineering and Drawings	50 days	Tue 2/3/09	Mon 4/13/09	1833	
1836	Cost Estimate	10 days	Tue 2/3/09	Mon 2/16/09	1833	
1837	Technical Specifications (TOC)	30 days	Tue 3/3/09	Mon 4/13/09	1835FF	
1838	Quality Control Internal Review	5 days	Tue 4/14/09	Mon 4/20/09	1837	
1839	SAFCA and Team Review	10 days	Tue 4/21/09	Mon 5/4/09	1838	
1840	Revisions and Back check	5 days	Tue 5/5/09	Mon 5/11/09	1839	
1841	USACE & DWR Review	10 days	Tue 5/12/09	Mon 5/25/09	1840	
1842	90 Percent PS&E	75 days	Tue 5/26/09	Mon 9/7/09		
1843	Design Engineering and Drawings	40 days	Tue 5/26/09	Mon 7/20/09	1841	
1844	Cost Estimate	10 days	Tue 5/26/09	Mon 6/8/09	1841	
1845	Complete Specifications (TOC)	30 days	Tue 6/9/09	Mon 7/20/09	1843FF	
1846	Quality Control Internal Review	10 days	Tue 7/21/09	Mon 8/3/09	1845	
1847	SAFCA and Team Review	5 days	Tue 8/4/09	Mon 8/10/09	1846	
1848	Revisions and Back check	10 days	Tue 8/11/09	Mon 8/24/09	1847	
1849	USACE & DWR Review	10 days	Tue 8/25/09	Mon 9/7/09	1848	
1850	Final PS&E	46 days	Tue 9/8/09	Tue 11/10/09		
1851	Design Engineering and Drawings	20 days	Tue 9/8/09	Mon 10/5/09	1849	
1852	Cost Estimate	10 days	Tue 9/8/09	Mon 9/21/09	1849	
1853	Complete Specifications (TOC)	20 days	Tue 9/8/09	Mon 10/5/09	1849,1851FF	
1854	Quality Control Internal Review	10 days	Tue 10/6/09	Mon 10/19/09	1853	
1855	SAFCA and Team Review	5 days	Tue 10/20/09	Mon 10/26/09	1854	
1856	Revisions and Back check	10 days	Tue 10/27/09	Mon 11/9/09	1855	
1857	Submit Final P&S&E	1 day	Tue 11/10/09	Tue 11/10/09	1856	
1858	ENCROACHMENT COORDINATION	120 days	Tue 12/23/08	Mon 6/8/09		
1859	Conflict Identification	6 mons	Tue 12/23/08	Mon 6/8/09	1828,988FF	
1860	Utility Relocation Coordination	6 mons	Tue 12/23/08	Mon 6/8/09	1828	
1861	ROADWAY DESIGN AND COORDINATION & RELOCATION	120 days	Tue 12/23/08	Mon 6/8/09		
1862	Roadway Design	6 mons	Tue 12/23/08	Mon 6/8/09	1828	
1863	Agency Coordination	6 mons	Tue 12/23/08	Mon 6/8/09	1828	
1864	BID OF LEVEE ELEMENTS	21 days	Mon 2/15/10	Mon 3/15/10		
1865	Advertise Period	20 days	Mon 2/15/10	Fri 3/12/10	1857,103	
1866	Pre-Bid Meeting	1 day	Mon 2/22/10	Mon 2/22/10	1865SS+5 days	
1867	Bid Opening	1 day	Mon 3/15/10	Mon 3/15/10	1865	
1868	Design of West Drainage Canal (Sac River Reach I-5 to 12B)	396 days	Fri 2/1/08	Fri 8/7/09		Mead & Hunt
1869	Survey	242 days	Fri 2/1/08	Mon 1/5/09		
1870	Field Survey	20 days	Fri 2/1/08	Thu 2/28/08		
1871	Aerial Photography and Surveys	25 days	Fri 2/1/08	Thu 3/6/08	1870SS	
1872	Topographic Mapping	76 days	Fri 2/1/08	Fri 5/16/08	1870SS	
1873	Boundary Survey	31 days	Mon 5/19/08	Mon 6/30/08	1872	
1874	Finalize Survey	31 days	Mon 5/19/08	Mon 6/30/08	1872	
1875	Review Right of Way Take Lines	8 days	Thu 11/6/08	Mon 11/17/08	1885	
1876	Right of Way Strip Plats	20 days	Tue 11/18/08	Mon 12/15/08	1875	
1877	Plats and Legal Desc	15 days	Tue 12/16/08	Mon 1/5/09	1874,1876	
1878	Geotechnical	71 days	Mon 7/14/08	Mon 10/20/08		
1879	Design Borings and Lab Testing	10 days	Mon 7/14/08	Fri 7/25/08		
1880	Draft Geotechnical Design Report	41 days	Mon 7/28/08	Mon 9/22/08	1879	
1881	SAFCA and Agency Review	10 days	Tue 9/23/08	Mon 10/6/08	1880	
1882	Final Geotechnical Design Report	10 days	Tue 10/7/08	Mon 10/20/08	1881	
1883	Canal Improvement Design	330 days	Fri 4/4/08	Thu 7/9/09		
1884	PRE-DESIGN	162 days	Fri 4/4/08	Mon 11/17/08		
1885	Project Description, Footprint and Quantities for EIR/EIS	32 days	Tue 9/23/08	Wed 11/5/08	1880	
1886	Basis of Design	162 days	Fri 4/4/08	Mon 11/17/08		
1887	Draft Basis of Design Report	121 days	Fri 4/4/08	Fri 9/19/08	1873	
1888	Quality Control Internal Reviews	5 days	Mon 9/22/08	Fri 9/26/08	1887	
1889	SAFCA and Team Review	10 days	Mon 9/29/08	Fri 10/10/08	1888	
1890	Revisions and Back check	5 days	Mon 10/13/08	Fri 10/17/08	1889	
1891	Stakeholder Review	10 days	Mon 10/20/08	Fri 10/31/08	1890	
1892	Check Point Meeting	1 day	Mon 11/3/08	Mon 11/3/08	1891	
1893	Finalize Basis of Design Report	10 days	Tue 11/4/08	Mon 11/17/08	1892	
1894	PLANS, SPECIFICATIONS AND ESTIMATES	330 days	Fri 4/4/08	Thu 7/9/09		
1895	30 Percent PS&E	159 days	Fri 4/4/08	Wed 11/12/08		
1896	Design Engineering and Drawings & Cost Estimate	129 days	Fri 4/4/08	Wed 10/1/08		
1897	Technical Specifications (TOC)	20 days	Tue 8/12/08	Wed 10/1/08	1896FF	
1898	Quality Control Internal Review	5 days	Thu 10/2/08	Wed 10/8/08	1896	
1899	SAFCA and Team Review	10 days	Thu 10/9/08	Wed 10/22/08	1898	
1900	Revisions and Back check	5 days	Thu 10/23/08	Wed 10/29/08	1899	
1901	Stakeholder Review	10 days	Thu 10/30/08	Wed 11/12/08	1900	
1902	60 Percent PS&E	90 days	Thu 10/23/08	Wed 2/25/09		
1903	Design Engineering and Drawings & Cost Estimate	60 days	Thu 10/23/08	Wed 1/14/09	1899	
1904	Technical Specifications (TOC)	10 days	Thu 1/1/09	Wed 1/14/09	1903FF	
1905	Quality Control Internal Review	5 days	Thu 1/15/09	Wed 1/21/09	1904	
1906	SAFCA and Team Review	10 days	Thu 1/22/09	Wed 2/4/09	1905	
1907	Revisions and Back check	5 days	Thu 2/5/09	Wed 2/11/09	1906	
1908	Stakeholder Review	10 days	Thu 2/12/09	Wed 2/25/09	1907	
1909	90 Percent PS&E	65 days	Thu 2/5/09	Wed 5/6/09		
1910	Design Engineering and Drawings & Cost Estimate	30 days	Thu 2/5/09	Wed 3/18/09	1906	
1911	Technical Specifications (TOC)	10 days	Thu 3/5/09	Wed 3/18/09	1910FF	
1912	Quality Control Internal Review	10 days	Thu 3/19/09	Wed 4/1/09	1911	
1913	SAFCA and Team Review	5 days	Thu 4/2/09	Wed 4/8/09	1912	
1914	Revisions and Back check	10 days	Thu 4/9/09	Wed 4/22/09	1913	
1915	Stakeholder Review	10 days	Thu 4/23/09	Wed 5/6/09	1914	
1916	100 percent PS&E	25 days	Thu 5/7/09	Wed 6/10/09		
1917	Design Engineering and Drawings & Cost Estimate	9 days	Thu 5/7/09	Tue 5/19/09	1915	
1918	Technical Specifications (TOC)	5 days	Wed 5/13/09	Tue 5/19/09	1917FF	
1919	Quality Control Internal Review	5 days	Wed 5/20/09	Tue 5/26/09	1918	
1920	SAFCA and Team Review	5 days	Wed 5/27/09	Tue 6/2/09	1919	
1921	Revisions and Back check	5 days	Wed 6/3/09	Tue 6/9/09	1920	
1922	Stakeholder Review	1 day	Wed 6/10/09	Wed 6/10/09	1921	
1923	Final PS&E	21 days	Thu 6/11/09	Thu 7/9/09		
1924	Design Engineering and Drawings & Cost Estimate	5 days	Thu 6/11/09	Wed 6/17/09	1922	
1925	Technical Specifications (TOC)	5 days	Thu 6/11/09	Wed 6/17/09	1924FF	
1926	Quality Control Internal Review	5 days	Thu 6/18/09	Wed 6/24/09	1925	
1927	SAFCA and Team Review	5 days	Thu 6/25/09	Wed 7/1/09	1926	
1928	Revisions and Back check	5 days	Thu 7/2/09	Wed 7/8/09	1927	
1929	Submit Final P&S&E	1 day	Thu 7/9/09	Thu 7/9/09	1928	
1930	UTILITY/ROADWAY DESIGN AND COORDINATION & RELOCATION	120 days	Thu 10/2/08	Wed 3/18/09		
1931	Utility/Roadway Design	6 mons	Thu 10/2/08	Wed 3/18/09	1896,988FF	
1932	Agency Coordination	6 mons	Thu 10/2/08	Wed 3/18/09	1896	
1933	BID OF CANAL, ROADWAY, & RELOCATION ELEMENTS	21 days	Fri 7/10/09	Fri 8/7/09		
1934	Advertise Period	20 days	Fri 7/10/09	Thu 8/6/09	1929,69	ROD Issued
1935	Pre-Bid Meeting	1 day	Fri 7/17/09	Fri 7/17/09	1934SS+5 days	
1936	Bid Opening	1 day	Fri 8/7/09	Fri 8/7/09	1934	
1937	Design of Riverside Irrigation Canal (12A to 18B)	552 days	Fri 2/1/08	Mon 3/15/10		Mead & Hunt
1938	Survey	154 days	Fri 2/1/08	Wed 9/3/08		
1939	Field Survey	76 days	Fri 2/1/08	Fri 5/16/08		
1940	Aerial Photography and Surveys	22 days	Fri 2/1/08	Mon 3/3/08	1939SS	
1941	Topographic Mapping	128 days	Wed 2/6/08	Fri 8/1/08	1939SS	
1942	Boundary Survey	5 days	Mon 8/4/08	Fri 8/8/08	1941	
1943	Finalize Survey	5 days	Mon 8/4/08	Fri 8/8/08	1941	
1944	Review Right of Way Take Lines	11 days	Mon 8/4/08	Mon 8/18/08	1941	
1945	Right of Way Strip Plats	5 days	Tue 8/19/08	Mon 8/25/08	1944	
1946	Plats and Legal Desc	7 days	Tue 8/26/08	Wed 9/3/08	1943,1945	
1947	Geotechnical	110 days	Mon 6/16/08	Fri 11/14/08		
1948	Design Borings and Lab Testing	34 days	Mon 6/16/08	Thu 7/31/08		
1949	Draft Geotechnical Recommendations	34 days	Fri 8/1/08	Wed 9/17/08	1948	
1950	SAFCA and Agency Review	10 days	Thu 9/18/08	Wed 10/1/08	1949	

ID	Task Name	Duration	Start	Finish	Predecessors	Notes
2211	SAFCA Board Award Construction Contractor	1 day	Tue 3/30/10	Tue 3/30/10	305,954,284,291,322,2004	Permits-408,2081,1602,404,SMARA
2212	10 Day Period for Return of Contract and Bonds	10 edays	Tue 3/30/10	Fri 4/9/10	2211	
2213	Issue Construction NTP	1 day	Mon 4/12/10	Mon 4/12/10	2212	
2214	Construction	124 days	Tue 4/13/10	Fri 10/1/10		
2215	Mobilization	10 days	Tue 4/13/10	Mon 4/26/10	2213	
2216	Clearing and Grubbing/Stripping	5 days	Mon 5/3/10	Fri 5/7/10	2215	
2217	Construct Canal Improvements	90 days	Mon 5/10/10	Fri 9/10/10	2216	
2218	Finish site and grading work	5 days	Mon 9/13/10	Fri 9/17/10	2217	
2219	Restoration	10 days	Mon 9/20/10	Fri 10/1/10	2218	
2220	Related Agency Construction Activities	130 days	Mon 5/3/10	Fri 10/29/10		
2221	USACE	130 days	Mon 5/3/10	Fri 10/29/10		
2222	R1 Main Drain Pump Station	130 days	Mon 5/3/10	Fri 10/29/10		
2223	Certifications	1254 days	Fri 5/30/08	Wed 3/20/13		
2224	A99 Compliance Report: Authorization, Financing, Construction	110 days	Thu 10/1/09	Wed 3/3/10		SAFCA-MBK
2225	100-Year Supplemental Report per FEMA	110 days	Fri 5/30/08	Thu 10/30/08		SAFCA-MBK-Kleinfelder
2226	Natomas 100 Year Supplemental Report	110 days	Fri 5/30/08	Thu 10/30/08		
2227	Complete Geotech Chapter 5	44 days	Fri 5/30/08	Wed 7/30/08		
2228	Prepare Chapters 1, 3, 4 & 7 (MBK)	15 days	Thu 7/31/08	Wed 8/20/08	2227	
2229	Prepare Erosion Chapter (NHC)	20 days	Thu 7/31/08	Wed 8/27/08	2227	
2230	Complete Civil Chapter (HDR, Wood Rodgers, M&H)	20 days	Thu 7/31/08	Wed 8/27/08	2227	
2231	Complete Chapter 10 - Conclusion (RR, TW, JB)	5 days	Thu 8/28/08	Wed 9/3/08	2227,2228,2229,2230	
2232	Review admin draft report	5 days	Thu 9/4/08	Wed 9/10/08	2231	
2233	Revise report based on team review	15 days	Thu 9/11/08	Wed 10/1/08	2232	
2234	Local Agency review	10 days	Thu 10/2/08	Wed 10/15/08	2233	
2235	Revise report based on local agency review	10 days	Thu 10/16/08	Wed 10/29/08	2234	
2236	SAFCA provides report to Corps and DWR	1 day	Thu 10/30/08	Thu 10/30/08	2235	
2237	100 year certification by SAFCA with As-Builts	80 days	Wed 11/10/10	Tue 3/1/11		SAFCA
2238	Letter of Map Revision showing 100 year protection	60 days	Thu 3/10/11	Wed 6/1/11		SAFCA-MBK
2239	200-Year Flood Protection Report to State Documenting 200 year Protection	352 days	Tue 11/15/11	Wed 3/20/13		SAFCA-MBK
2240	Habitat Installation	870 days	Fri 8/1/08	Thu 12/1/11		
2241	Install Habitat, Grasslands/Field Crops - Borrow Sites/Levee Slopes & Seepage Berms	544 days	Mon 11/2/09	Thu 12/1/11		
2242	Install Habitat, Woodlands NCC South Levee Improvements	804 days	Mon 11/3/08	Thu 12/1/11		
2243	Install Habitat, Woodlands Sac R East Levee Phase 1	804 days	Mon 11/3/08	Thu 12/1/11		
2244	Install Habitat, GGS/Drainage Canal, Pritchard Lake PP to Elkhorn Reservoir	870 days	Fri 8/1/08	Thu 12/1/11		
2245	Install Habitat, Elkhorn Irrigation Ditch	631 days	Fri 8/1/08	Fri 12/31/10		
2246	Habitat Establishment	1022 days	Mon 1/3/11	Tue 12/2/14		
2247	Establish Habitat, Grasslands/Field Crops - Borrow Sites/ Levee Slopes & Seepage Berms	783 days	Fri 12/2/11	Tue 12/2/14	2241	
2248	Establish Habitat, Woodlands NCC South Levee Improvements	783 days	Fri 12/2/11	Tue 12/2/14	2242	
2249	Establish Habitat, Woodlands Sac R East Levee Phase 1	783 days	Fri 12/2/11	Tue 12/2/14	2243	
2250	Establish Habitat, GGS/ Drainage Ditch, Pritchard Lake PP to Elkhorn Reservoir	783 days	Fri 12/2/11	Tue 12/2/14	2244	
2251	Establish Habitat, Elkhorn Irrigation Ditch	783 days	Mon 1/3/11	Wed 1/1/14	2245	
2252	Operations and Maintenance	321 days	Tue 12/1/09	Tue 2/22/11		RD 1000
2253	O&M Manual Updates	321 days	Tue 12/1/09	Tue 2/22/11		
2254	Sacramento River East Levee	60 days	Wed 12/1/10	Tue 2/22/11		
2255	NCC South Levee	60 days	Tue 12/1/09	Mon 2/22/10		
2256	PGCC	60 days	Tue 12/1/09	Mon 2/22/10		
2257	NEMDEC	60 days	Wed 12/1/10	Tue 2/22/11		
2258	American River	60 days	Wed 12/1/10	Tue 2/22/11		
2259	As-Built Drawings and Easement Boundaries	321 days	Tue 12/1/09	Tue 2/22/11		
2260	Sacramento River East Levee	60 days	Wed 12/1/10	Tue 2/22/11		
2261	NCC South Levee	60 days	Tue 12/1/09	Mon 2/22/10		
2262	PGCC	60 days	Tue 12/1/09	Mon 2/22/10		
2263	NEMDEC	60 days	Wed 12/1/10	Tue 2/22/11		
2264	American River	60 days	Wed 12/1/10	Tue 2/22/11		