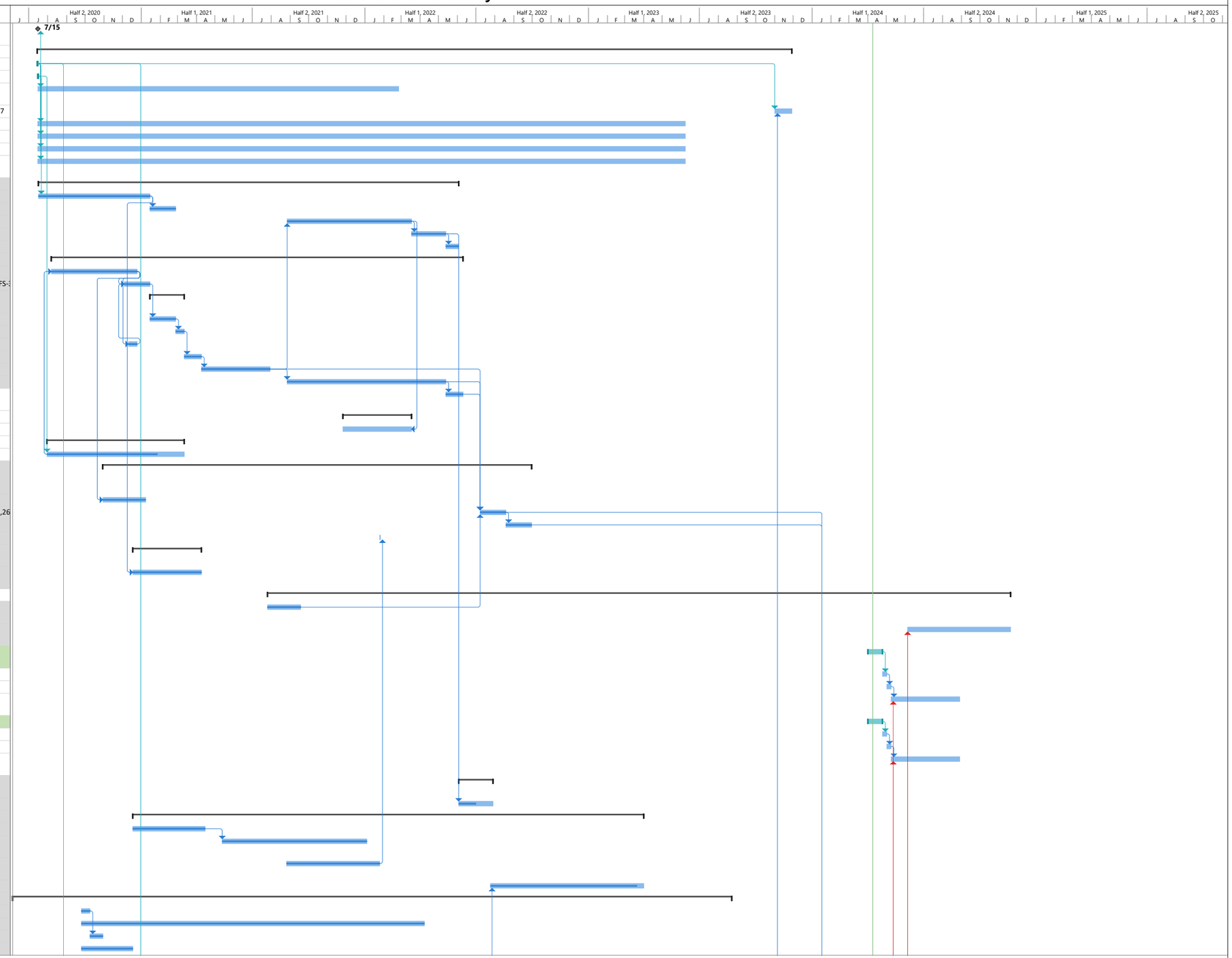
EXHIBIT C: UPDATED SCHEDULE - NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

San Bernardino County

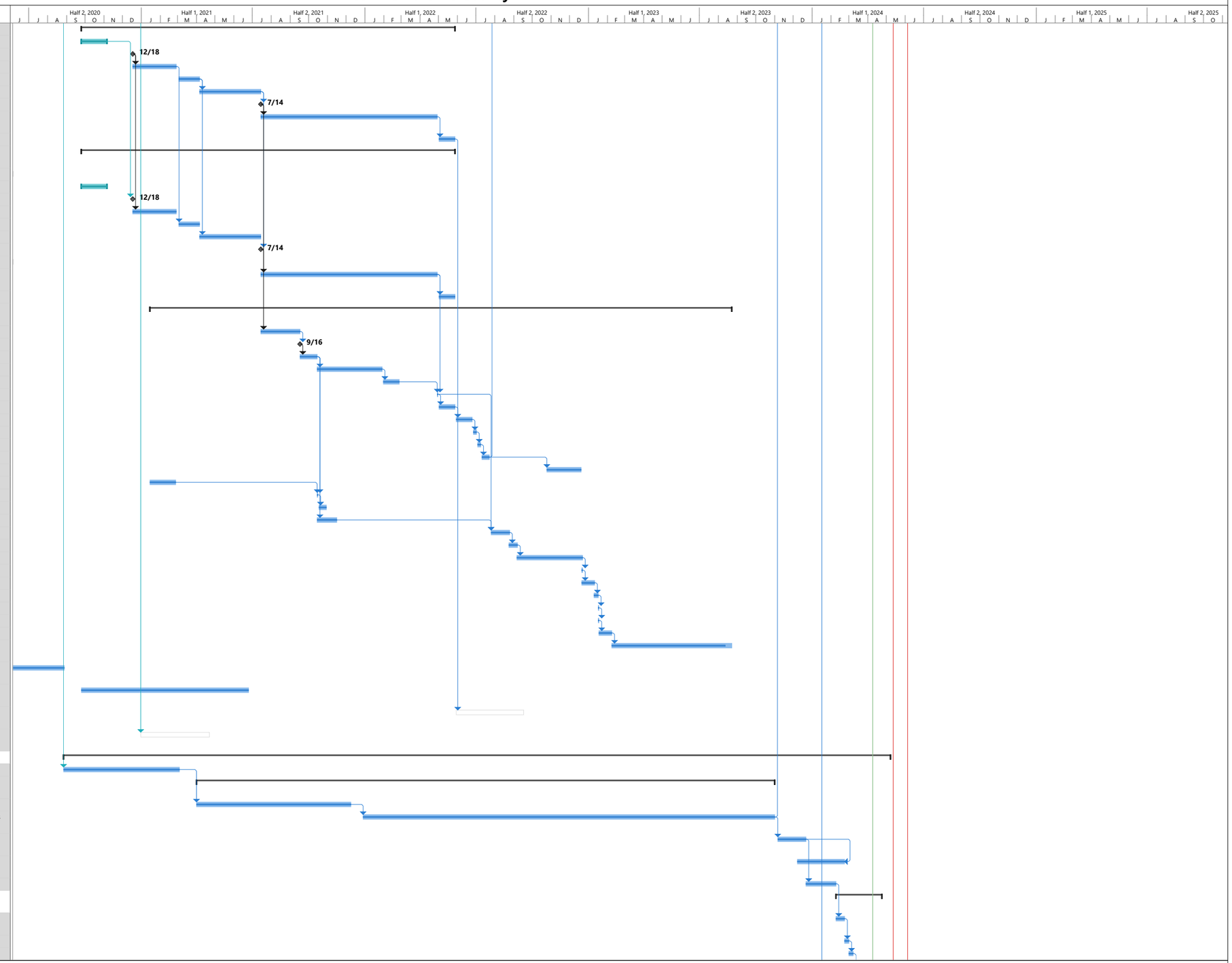
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		***PHASE I - PROJECT APPROVAL & ENVIRONMENTAL DOCUMENTS***	0 days	Wed 7/15/20	Wed 7/15/20	3
2		**TASK 1 - PHASE I PROJECT MANAGEMENT**	**880 days**	**Wed 7/15/20**	**Tue 11/28/23**	
3		NTP	1 day	Wed 7/15/20	Wed 7/15/20	
4		Survey Data Provided by County	1 day	Thu 7/16/20	Thu 7/16/20	
5		1.1 Work Plan Development and Implementation	421 days	Thu 7/16/20	Thu 2/24/22	3
6		1.2 Field Reviews	4 wks	Wed 11/1/23	Tue 11/28/23	3FS+28 wks,117
7		1.3 Meetings	755 days	Thu 7/16/20	Wed 6/7/23	3
8		1.4 Quality Assurance and Quality Control	755 days	Thu 7/16/20	Wed 6/7/23	3
9		1.5 Project Schedule	755 days	Thu 7/16/20	Wed 6/7/23	3
10		1.6 Monthly Progress Reports and Invoices	755 days	Thu 7/16/20	Wed 6/7/23	3
11		**TASK 2 - 35% CIVIL PLANS**	**490 days**	**Fri 7/17/20**	**Thu 6/2/22**	
12		2.1 Preliminary Design	26 wks	Fri 7/17/20	Thu 1/14/21	4
13		2.1a County Review of Preliminary Plans	6 wks	Fri 1/15/21	Thu 2/25/21	12
14		2.2 Civil Plans	29 wks	Fri 8/27/21	Thu 3/17/22	25FS+4 wks
15		2.2a County review	8 wks	Fri 3/18/22	Thu 5/12/22	14
16		2.3 Preliminary Cost Estimates	3 wks	Fri 5/13/22	Thu 6/2/22	15
17		**TASK 3 - 35% BRIDGE DESIGN**	**480 days**	**Fri 8/7/20**	**Thu 6/9/22**	
18		3.1 Bridge Design and Layout	20 wks	Fri 8/7/20	Thu 12/24/20	31SS+1 wk
19		3.2 Draft Type Selection Report	6 wks	Fri 12/4/20	Thu 1/14/21	18FS-3 wks,23FS-
20		**3.3 Type Selection Meeting/Final Type Selection Report**	**40 days**	**Fri 1/15/21**	**Thu 3/11/21**	
21		3.3.1. County Review	6 wks	Fri 1/15/21	Thu 2/25/21	19
22		3.3.2 Update and Schedule Meeting	2 wks	Fri 2/26/21	Thu 3/11/21	21
23		3.4 Preliminary Cost Estimate	2 wks	Fri 12/11/20	Thu 12/24/20	18FS-2 wks
24		Caltrans Review	4 wks	Fri 3/12/21	Thu 4/8/21	22
25		Final Type Selection	16 wks	Fri 4/9/21	Thu 7/29/21	24
26		Approach Length Justifications	37 wks	Fri 8/27/21	Thu 5/12/22	25FS+4 wks
27		Caltrans Review-Approach Length Justification	4 wks	Fri 5/13/22	Thu 6/9/22	26
28		**TASK 4 - RIGHT OF WAY**	**80 days**	**Fri 11/26/21**	**Thu 3/17/22**	
29		4.1 Evaluate Rough Right of Way Needs	16 wks	Fri 11/26/21	Thu 3/17/22	14FF
30		**TASK 5 - HYDROLOGY/HYDRAULICS**	**160 days**	**Fri 7/31/20**	**Thu 3/11/21**	
31		5.1 Hydraulic Study and Report	32 wks	Fri 7/31/20	Thu 3/11/21	4FS+2 wks
32		**TASK 6 - PRELIMINARY GEOLOGICAL/GEOTECHNICAL INVESTIGATIONS**	**500 days**	**Fri 10/30/20**	**Thu 9/29/22**	
33		6.1 Preliminary Foundation Report	10 wks	Fri 10/30/20	Thu 1/7/21	18FS-8 wks
34		6.2 Geotechnical Investigations	6 wks	Fri 7/8/22	Thu 8/18/22	25FS+4 wks,40,26
35		6.3 Laboratory Testing	6 wks	Fri 8/19/22	Thu 9/29/22	34
36		6.4 Lead and Asbestos - ISA Approval	1 day	Tue 1/25/22	Tue 1/25/22	55
37		**TASK 7 - PRELIMINARY UTILITY COORDINATION**	**80 days**	**Fri 12/18/20**	**Thu 4/8/21**	
38		7.1 Utility A Letters, Request for Exist Facilities	4 mons	Fri 12/18/20	Thu 4/8/21	12FS-4 wks
39		**TASK 8 - REGULATORY PERMITS**	**867 days**	**Mon 7/26/21**	**Tue 11/19/24**	
40		8.1 1602 Streambed Alteration Agreement for Geotechnical Drilling	2 mons	Mon 7/26/21	Fri 9/17/21	
41		8.2 Army Corps 404 Nationwide 14 Fill Permit for Bridge Replacement	6 mons	Wed 6/5/24	Tue 11/19/24	128FS+1 mon
42		Draft Waste Discharge Requirement Permit (WDR)	3.6 wks	Mon 4/1/24	Wed 4/24/24	
43		County review of WDR	1 wk	Thu 4/25/24	Wed 5/1/24	42
44		Update WDR	1 wk	Thu 5/2/24	Wed 5/8/24	43
45		**8.3 Waste Discharge Requirement Permit (WDR)**	4 mons	Thu 5/9/24	Wed 8/28/24	44,128
46		Draft 1602	3.6 wks	Mon 4/1/24	Wed 4/24/24	
47		County review of 1602	1 wk	Thu 4/25/24	Wed 5/1/24	46
48		Update 1602	1 wk	Thu 5/2/24	Wed 5/8/24	47
49		**8.4 1602 Streambed Alteration Agreement for Bridge Replacements**	4 mons	Thu 5/9/24	Wed 8/28/24	128,48
50		**TASK 9 - PRELIMINARY RAILROAD COORDINATION**	**40 days**	**Fri 6/3/22**	**Thu 7/28/22**	
51		9.1 Railroad Coordination	2 mons	Fri 6/3/22	Thu 7/28/22	15FS+3 wks
52		**TASK 10 - ENVIRONMENTAL ANALYSES**	**596 days**	**Fri 12/18/20**	**Fri 3/31/23**	
53		10.1 Natural Environment Study	84 days	Fri 12/18/20	Wed 4/14/21	
54		10.2 Biological Assessment and Section 7 Consultation with USFWS	168 days	Thu 5/13/21	Mon 1/3/22	53FS+4 wks
55		10.3 Hazardous Waste Initial Site Assessment	108 days	Thu 8/26/21	Mon 1/24/22	
56		10.4 Section 4(f) Evaluation	180 days	Mon 7/25/22	Fri 3/31/23	93
57		**TASK 11 - CULTURAL RESOURCE COMPLIANCE**	**838 days**	**Fri 6/5/20**	**Tue 8/22/23**	
58		11.1 Records and Literature Search	2 wks	Fri 9/25/20	Thu 10/8/20	
59		11.2 Native American Consultation	20 mons	Fri 9/25/20	Thu 4/7/22	
60		11.3 Field Survey	3 wks	Fri 10/9/20	Thu 10/29/20	58
61		11.4 Area of Potential Effects Map	12 wks	Fri 9/25/20	Thu 12/17/20	



UPDATED SCHEDULE - NATIONAL TRAILS HIGHWAY AT 10 BRIDGES

San Bernardino County

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
62		**11.5 HPSR/Archaeological Survey Report**	**436 days**	**Fri 9/25/20**	**Fri 5/27/22**	
63		**Draft Document Preparation**	**30 days**	**Fri 9/25/20**	**Thu 11/5/20**	
64		Initial Submittal to County	0 days	Fri 12/18/20	Fri 12/18/20	
65		Review/Revisions	51 days	Fri 12/18/20	Fri 2/26/21	64
66		Caltrans Submittal and Review	24 days	Wed 3/3/21	Mon 4/5/21	
67		Document Revisions	72 days	Tue 4/6/21	Wed 7/14/21	66
68		Submittal to County	0 days	Wed 7/14/21	Wed 7/14/21	67
69		Multiple Rounds of Caltrans Reviews and Document Revisions	206 days	Thu 7/15/21	Thu 4/28/22	68
70		SHPO Review	20 days	Mon 5/2/22	Fri 5/27/22	69FS+1 day
71		**11.6 HPSR/Historic Resources Evaluation Report**	**436 days**	**Fri 9/25/20**	**Fri 5/27/22**	
72		~~1 day~~	~~Fri 6/5/20~~	~~Fri 6/5/20~~		
73		**Draft Document Preparation**	**30 days**	**Fri 9/25/20**	**Thu 11/5/20**	
74		Initial Submittal to County	0 days	Fri 12/18/20	Fri 12/18/20	63
75		Review/Revisions	51 days	Fri 12/18/20	Fri 2/26/21	64
76		Caltrans Submittal and Review	24 days	Wed 3/3/21	Mon 4/5/21	65
77		Document Revisions	72 days	Tue 4/6/21	Wed 7/14/21	66
78		Submittal to County	0 days	Wed 7/14/21	Wed 7/14/21	67
79		~~1 day~~	~~Fri 6/5/20~~	~~Fri 6/5/20~~		
80		Multiple Rounds of Caltrans Reviews and Document Revisions	206 days	Thu 7/15/21	Thu 4/28/22	68
81		SHPO Review	30 days	Mon 5/2/22	Fri 5/27/22	80FS+1 day
82		**11.7 FOE and MOA (Caltrans and SHPO Approval)**	**678 days**	**Fri 1/15/21**	**Tue 8/22/23**	
83		**FOE Draft Document Preparation**	**46 days**	**Thu 7/15/21**	**Thu 9/16/21**	**78**
84		Initial Submittal to County	0 days	Thu 9/16/21	Thu 9/16/21	83
85		Review/Revisions	20 days	Fri 9/17/21	Thu 10/14/21	84
86		Caltrans Submittal and Review	76 days	Fri 10/15/21	Fri 1/28/22	85
87		Document Revisions	20 days	Mon 1/31/22	Fri 2/25/22	86
88		County Submittal and Review	1 day	Fri 4/29/22	Fri 4/29/22	87,80
89		Caltrans Submittal and Review	20 days	Mon 5/2/22	Fri 5/27/22	88
90		Interested Parties Review	20 days	Mon 5/30/22	Fri 6/24/22	89
91		Document Revisions	5 days	Mon 6/27/22	Fri 7/1/22	90
92		County Submittal and Screen Check	5 days	Mon 7/4/22	Fri 7/8/22	91
93		Caltrans Submittal and Finalization	10 days	Mon 7/11/22	Fri 7/22/22	92
94		FOE CSO and SHPO Consultation	40 days	Tue 10/25/22	Mon 12/19/22	93
95		**MOA Preparation**	**30 days**	**Fri 1/15/21**	**Thu 2/25/21**	
96		Initial Submittal to County	1 day	Fri 10/15/21	Fri 10/15/21	95,85
97		Review/Revisions	10 days	Mon 10/18/21	Fri 10/29/21	96
98		County Submittal and Review	22 days	Fri 10/15/21	Mon 11/15/21	85
99		Document Revisions	22 days	Tue 7/26/22	Wed 8/24/22	98,88
100		County Submittal and Review	10 days	Wed 8/24/22	Tue 9/6/22	99
101		Document Revisions	77 days	Tue 9/6/22	Wed 12/21/22	100
102		County Submittal and Review	1 day	Wed 12/21/22	Wed 12/21/22	101
103		Caltrans Submittal and Review	15 days	Wed 12/21/22	Tue 1/10/23	102
104		Document Revisions	5 days	Tue 1/10/23	Mon 1/16/23	103
105		County Submittal and Review	1 day	Tue 1/17/23	Tue 1/17/23	104
106		Caltrans Submittal and Review	1 day	Tue 1/17/23	Tue 1/17/23	105
107		MOA - CSO Approval	15 days	Wed 1/18/23	Tue 2/7/23	106
108		MOA - CSO and SHPO Consultation and Coordination	140 days	Wed 2/8/23	Tue 8/22/23	107
109		11.8 Cultural Resource Compliance Report (CRCR) for Ten Bridges	3 mons	Fri 6/5/20	Thu 8/27/20	
110		11.9 Paleontological Resources Memorandum	39 wks	Fri 9/25/20	Thu 6/24/21	
111		~~11.10 Extended Phase 1 Testing (OPTIONAL)~~	~~16 wks~~	~~Mon 5/30/22~~	~~Fri 9/16/22~~	~~70~~
112		~~11.11 Paleontological Evaluation Report (OPTIONAL)~~	~~16 wks~~	~~Thu 12/31/20~~	~~Wed 4/21/21~~	~~3FS+6 mons~~
113		**TASK 12 - ENVIRONMENTAL DOCUMENT**	**964 days**	**Thu 8/27/20**	**Tue 5/7/24**	
114		12.1 Notice of Preparation	27 wks	Thu 8/27/20	Wed 3/3/21	3FS+6 wks
115		**12.2 Prepare Draft Env. Impact Report/Environmental Assessment**	**674 days**	**Thu 4/1/21**	**Tue 10/31/23**	
116		Prepare Draft	9 mons	Thu 4/1/21	Wed 12/8/21	114FS+4 wks
117		Multiple Rounds of Caltrans/County Review and Document Revisions	24 mons	Wed 12/29/21	Tue 10/31/23	116FS+28 days
118		12.3 Circulate Environmental Document for Public Review	34 days	Mon 11/6/23	Thu 12/21/23	117FS+3 days
119		Prepare a Statement of Finding of Fact/Overriding Considerations	11 wks	Fri 12/8/23	Thu 2/22/24	118FF-1 wk
120		12.4 Responses to Public Comments	7 wks	Fri 12/22/23	Thu 2/8/24	118
121		**12.5 Prepare Final Env. Impact Report/Environmental Assessment**	**53 days**	**Fri 2/9/24**	**Tue 4/23/24**	
122		County Review of Responses and Final EIR	2 wks	Fri 2/9/24	Thu 2/22/24	120
123		Address County Comments	1 wk	Fri 2/23/24	Thu 2/29/24	122
124		County Review	1 wk	Fri 3/1/24	Thu 3/7/24	123



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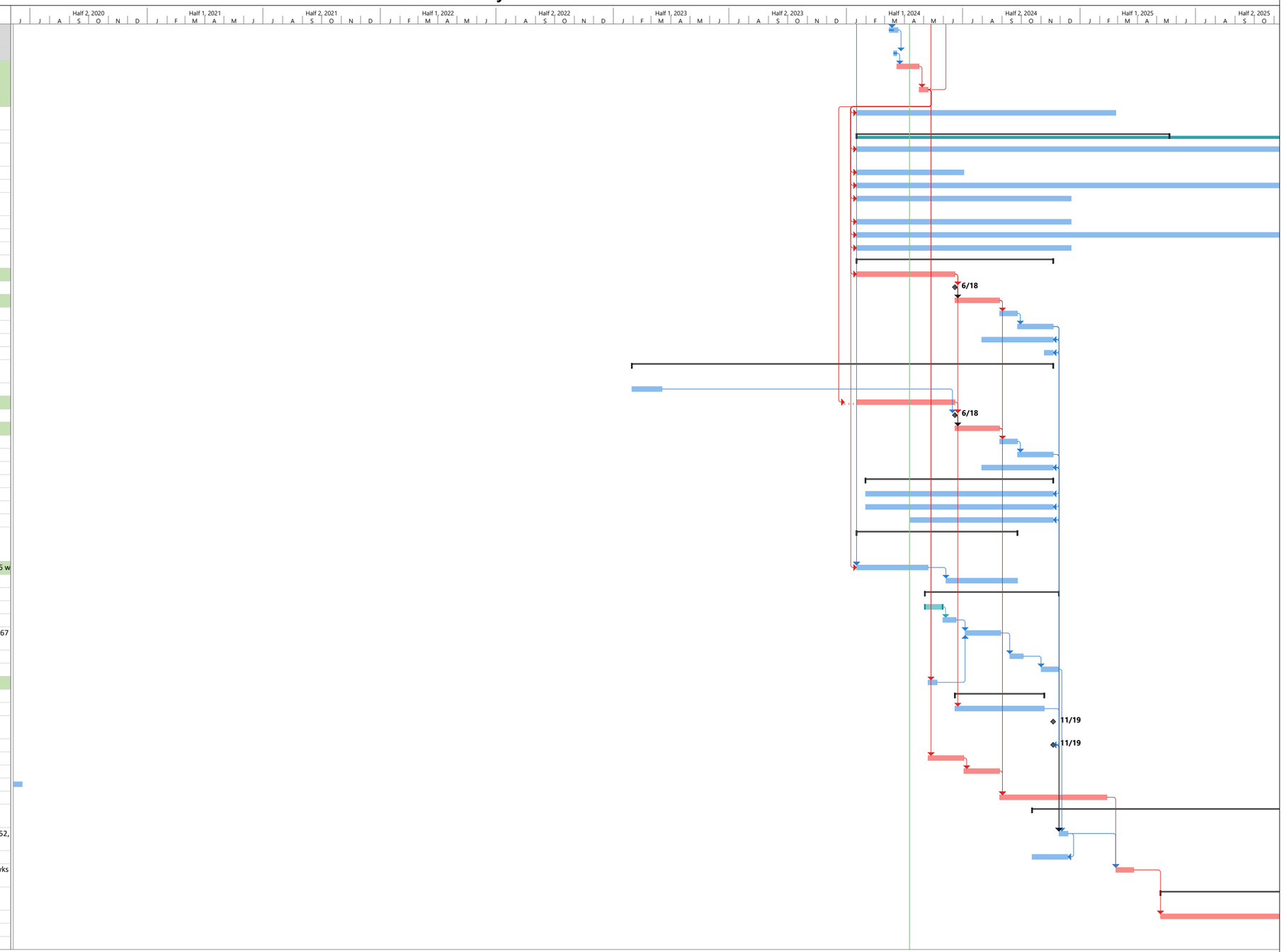
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
125		Finalize EIR and Responses to Comments	2 wks	Fri 3/8/24	Thu 3/21/24	124
126		County to send to Caltrans	3 days	Fri 3/15/24	Tue 3/19/24	125
127		Caltrans District Final Review of EIR/NEPA Approval	5 wks	Wed 3/20/24	Tue 4/23/24	126
128		12.6 Notice of Determination and Finding of No Significant Impact CEQA Approval	2 wks	Wed 4/24/24	Tue 5/7/24	127
129		***PHASE II - PLANS SPECIFICATIONS AND ESTIMATE***	290 days	Wed 1/17/24	Tue 2/25/25	128FS-16 wks
130		**TASK 13 - PHASE 2 PROJECT MANAGEMENT**	**350 days**	**Wed 1/17/24**	**Tue 5/20/25**	
131		13.1 Work Plan Development and Implementation	40 mons	Wed 1/17/24	Tue 2/9/27	128FS-16 wks
132		13.2 Field Reviews	6 mons	Wed 1/17/24	Tue 7/2/24	128FS-16 wks
133		13.3 Meetings	40 mons	Wed 1/17/24	Tue 2/9/27	128FS-16 wks
134		13.4 Quality Assurance and Quality Control	12 mons	Wed 1/17/24	Tue 12/17/24	128FS-16 wks
135		13.5 Project Schedule	12 mons	Wed 1/17/24	Tue 12/17/24	128FS-16 wks
136		13.6 Monthly Progress Reports and Invoices	40 mons	Wed 1/17/24	Tue 2/9/27	128FS-16 wks
137		13.7 Funding Assistance	12 mons	Wed 1/17/24	Tue 12/17/24	128FS-16 wks
138		**TASK 14 - CIVIL DESIGN AND SPECIFICATIONS**	**220 days**	**Wed 1/17/24**	**Tue 11/19/24**	
139		14.1 65% Roadway Plans	22 wks	Wed 1/17/24	Tue 6/18/24	128FS-16 wks
140		~~14.1.1 County Review of 65% Plans~~	0 wks	Tue 6/18/24	Tue 6/18/24	139
141		14.2 95% Roadway Plans	10 wks	Wed 6/19/24	Tue 8/27/24	140
142		14.2.1 County Review of 95% Plans	4 wks	Wed 8/28/24	Tue 9/24/24	141
143		14.3 100% Roadway Plans	8 wks	Wed 9/25/24	Tue 11/19/24	142
144		14.4 Specifications	16 wks	Wed 7/31/24	Tue 11/19/24	143FF
145		14.5 Cross-Sections	2 wks	Wed 11/6/24	Tue 11/19/24	143FF
146		**TASK 15 - BRIDGE DESIGN AND SPECIFICATIONS**	**472 days**	**Mon 1/30/23**	**Tue 11/19/24**	
147		15.01 65% Adena Bridge Design and Plans	7 wks	Mon 1/30/23	Fri 3/17/23	
148		15.1 65% Bridge Design and Plans	22 wks	Fri 12/29/23	Tue 6/18/24	128FS-16 wks
149		~~15.1.1 County Review of 65% Plans~~	0 wks	Tue 6/18/24	Tue 6/18/24	148,147
150		15.2 95% Bridge Design and Plans	10 wks	Wed 6/19/24	Tue 8/27/24	149
151		15.2.1 County Review of 95% Plans	4 wks	Wed 8/28/24	Tue 9/24/24	150
152		15.3 100% Bridge Design and Plans	8 wks	Wed 9/25/24	Tue 11/19/24	151
153		15.4 Specifications	16 wks	Wed 7/31/24	Tue 11/19/24	152FF
154		**TASK 16 - QUANTITIES AND COST ESTIMATE**	**210 days**	**Wed 1/31/24**	**Tue 11/19/24**	
155		16.1 Civil Quantities	42 wks	Wed 1/31/24	Tue 11/19/24	144FF
156		16.2 Bridge Quantities	42 wks	Wed 1/31/24	Tue 11/19/24	153FF
157		16.3 Cost Estimate	32 wks	Wed 4/10/24	Tue 11/19/24	153FF
158		**TASK 17 - FINAL GEOLOGICAL/GEOTECHNICAL INVESTIGATIONS**	**180 days**	**Wed 1/17/24**	**Tue 9/24/24**	
159		17.1 Geotechnical Engineering Analyses	16 wks	Wed 1/17/24	Tue 5/7/24	34,35,128FS-16 w
160		17.2 Foundation Report	16 wks	Wed 6/5/24	Tue 9/24/24	159FS+4 wks
161		**TASK 18 - UTILITY COORDINATION**	**150 days**	**Fri 5/3/24**	**Thu 11/28/24**	
162		Pothole	4 wks	Fri 5/3/24	Thu 5/30/24	
163		18.1 Utility B Letters, Notice of Conflict	3 wks	Fri 5/31/24	Thu 6/20/24	162
164		18.2 Field Meeting and Utility Relocation Agreements	8 wks	Fri 7/5/24	Thu 8/29/24	163FS+2 wks,167
165		18.3 Notices to Relocate, C Letters	3 wks	Fri 9/13/24	Thu 10/3/24	164FS+2 wks
166		18.4 Utility Certification for Federal Aid	4 wks	Fri 11/1/24	Thu 11/28/24	165FS+4 wks
167		18.5 Potholing	2 wks	Wed 5/8/24	Tue 5/21/24	128
168		**TASK 19 - RAILROAD COORDINATION**	**100 days**	**Wed 6/19/24**	**Tue 11/5/24**	
169		19.1 Railroad Coordination	5 mons	Wed 6/19/24	Tue 11/5/24	139
170		**TASK 20 - STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**	**0 days**	**Tue 11/19/24**	**Tue 11/19/24**	
171		20.1 SWPPP Preparation	0 mons	Tue 11/19/24	Tue 11/19/24	153FF
172		ROW Acquisitions	2 mons	Wed 5/8/24	Tue 7/2/24	128
173		ROW Certification	8 wks	Wed 7/3/24	Tue 8/27/24	172
174		***PHASE III - CONSTRUCTION (OPTIONAL)***	10 days	Fri 6/5/20	Thu 6/18/20	
175		CON RFA	24 wks	Wed 8/28/24	Tue 2/11/25	141,150,173
176		**TASK 21 - FINAL PS&E & BID SUPPORT (OPTIONAL)**	**623 days**	**Fri 10/18/24**	**Tue 3/9/27**	
177		21.1 Prepare Final PS&E for Bidding (OPTIONAL)	2 wks	Fri 11/29/24	Thu 12/12/24	143,144,145,152,
178		21.2 RE File (OPTIONAL)	8 wks	Fri 10/18/24	Thu 12/12/24	177FF
179		21.3 Advertising/Bidding Support (OPTIONAL)	4 wks	Wed 2/26/25	Tue 3/25/25	177,175FS+2 wks
180		**21.4 Construction Support Starts (OPTIONAL)**	**480 days**	**Wed 5/7/25**	**Tue 3/9/27**	
181		Season 1 Construction	8 mons	Wed 5/7/25	Tue 12/16/25	**179FS+6 wks**
182		Season 2 Construction	10 mons	Wed 3/11/26	Tue 12/15/26	181FS+3 mons
183		Project Closeout	3 mons	Wed 12/16/26	Tue 3/9/27	182