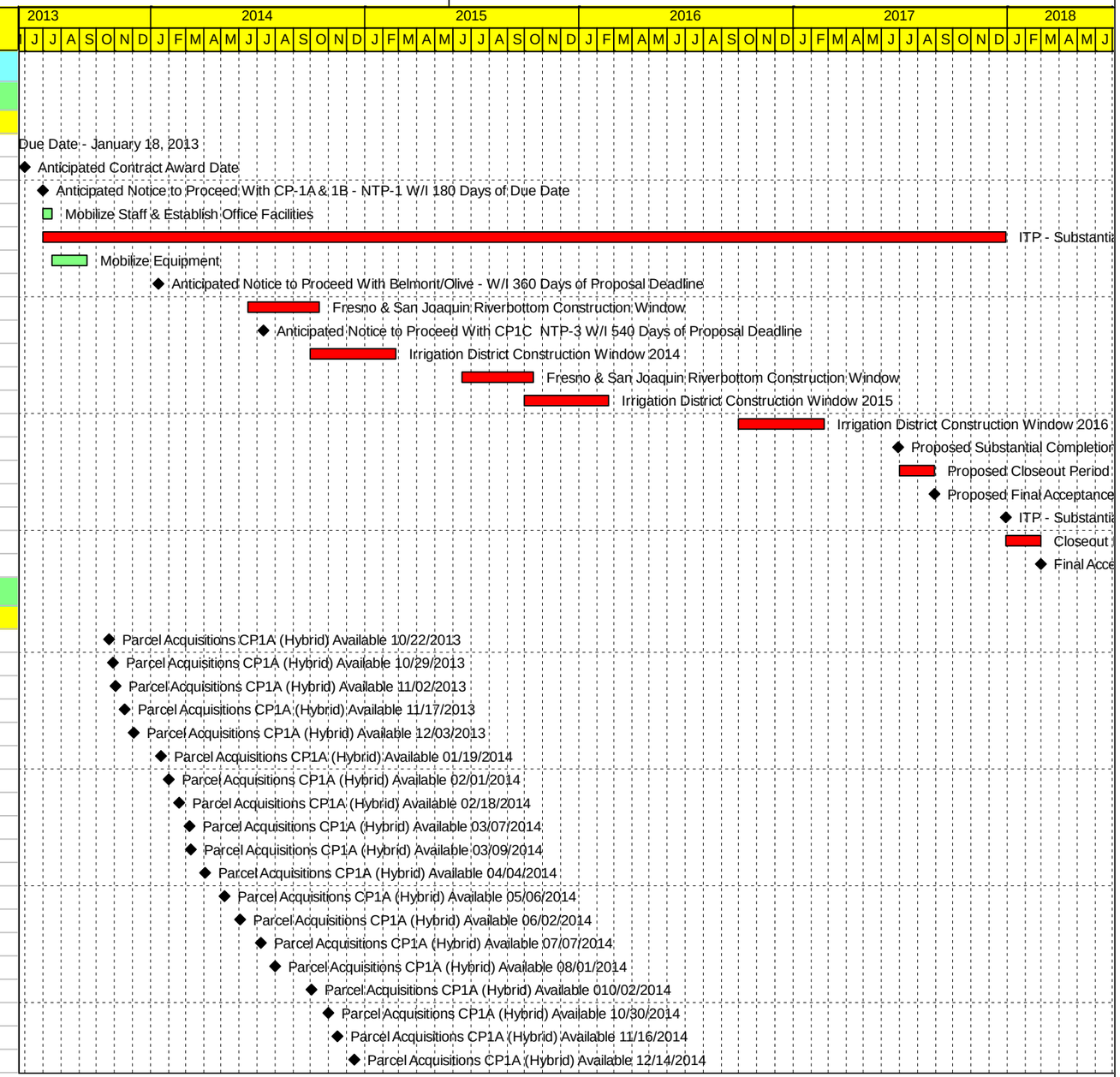
Activity ID	Activity Name	Original Duration	Start	Finish
Administrative - Milestones		1868	18-Jan-13	28-Feb-18
Milestones		1868	18-Jan-13	28-Feb-18
ALL Construction Zones		1868	18-Jan-13	28-Feb-18
Proposal	Proposal Due Date - January 18, 2013	0	18-Jan-13	
Award	Anticipated Contract Award Date	0	01-Jun-13	
NTP-1	Anticipated Notice to Proceed With CP-1A & 1B - NTP-1 W/I 180 Days	0	01-Jul-13	
MOB	Mobilize Staff & Establish Office Facilities	15	01-Jul-13	15-Jul-13
DUR	ITP - Substantial Completion Duration - NTP +54 mos.	1644	01-Jul-13	30-Dec-17
MOB10	Mobilize Equipment	60	16-Jul-13	13-Sep-13
NTP-2	Anticipated Notice to Proceed With Belmont/Olive - W/I 360 Days of Pro	0	13-Jan-14	
River14	Fresno & San Joaquin Riverbottom Construction Window	122	16-Jun-14*	15-Oct-14
NTP-3	Anticipated Notice to Proceed With CP1C NTP-3 W/I 540 Days of Prop	0	12-Jul-14	
Irrig14	Irrigation District Construction Window 2014	145	01-Oct-14*	22-Feb-15
River15	Fresno & San Joaquin Riverbottom Construction Window	122	16-Jun-15*	15-Oct-15
Irrig15	Irrigation District Construction Window 2015	145	01-Oct-15*	22-Feb-16
Irrig16	Irrigation District Construction Window 2016	145	01-Oct-16*	22-Feb-17
Substantia	Proposed Substantial Completion Milestone- NTP +48 mos.	0		30-Jun-17*
CloseP	Proposed Closeout Period	60	01-Jul-17	29-Aug-17
FinalP	Proposed Final Acceptance - NTP-1 + 50mos.	0		29-Aug-17*
Substantial	ITP - Substantial Completion Milestone- NTP +54 mos.	0		30-Dec-17*
Close	Closeout Period	60	31-Dec-17	28-Feb-18
Final	Final Acceptance - NTP-1 + 56mos.	0		28-Feb-18*
Parcel Access		1129	22-Oct-13	24-Nov-16
Construction Package 1A (Hybrid)		613	22-Oct-13	27-Jun-15
1AH.020	Parcel Acquisitions CP1A (Hybrid) Available 10/22/2013	0		22-Oct-13*
1AH.030	Parcel Acquisitions CP1A (Hybrid) Available 10/29/2013	0		29-Oct-13*
1AH.040	Parcel Acquisitions CP1A (Hybrid) Available 11/02/2013	0		02-Nov-13*
1AH.070	Parcel Acquisitions CP1A (Hybrid) Available 11/17/2013	0		17-Nov-13*
1AH.090	Parcel Acquisitions CP1A (Hybrid) Available 12/03/2013	0		03-Dec-13*
1AH.120	Parcel Acquisitions CP1A (Hybrid) Available 01/19/2014	0		19-Jan-14*
1AH.130	Parcel Acquisitions CP1A (Hybrid) Available 02/01/2014	0		01-Feb-14*
1AH.150	Parcel Acquisitions CP1A (Hybrid) Available 02/18/2014	0		18-Feb-14*
1AH.140	Parcel Acquisitions CP1A (Hybrid) Available 03/07/2014	0		07-Mar-14*
1AH.160	Parcel Acquisitions CP1A (Hybrid) Available 03/09/2014	0		09-Mar-14*
1AH.200	Parcel Acquisitions CP1A (Hybrid) Available 04/04/2014	0		04-Apr-14*
1AH.220	Parcel Acquisitions CP1A (Hybrid) Available 05/06/2014	0		06-May-14*
1AH.230	Parcel Acquisitions CP1A (Hybrid) Available 06/02/2014	0		02-Jun-14*
1AH.240	Parcel Acquisitions CP1A (Hybrid) Available 07/07/2014	0		07-Jul-14*
1AH.250	Parcel Acquisitions CP1A (Hybrid) Available 08/01/2014	0		01-Aug-14*
1AH.265	Parcel Acquisitions CP1A (Hybrid) Available 010/02/2014	0		02-Oct-14*
1AH.080	Parcel Acquisitions CP1A (Hybrid) Available 10/30/2014	0		30-Oct-14*
1AH.280	Parcel Acquisitions CP1A (Hybrid) Available 11/16/2014	0		16-Nov-14*
1AH.290	Parcel Acquisitions CP1A (Hybrid) Available 12/14/2014	0		14-Dec-14*



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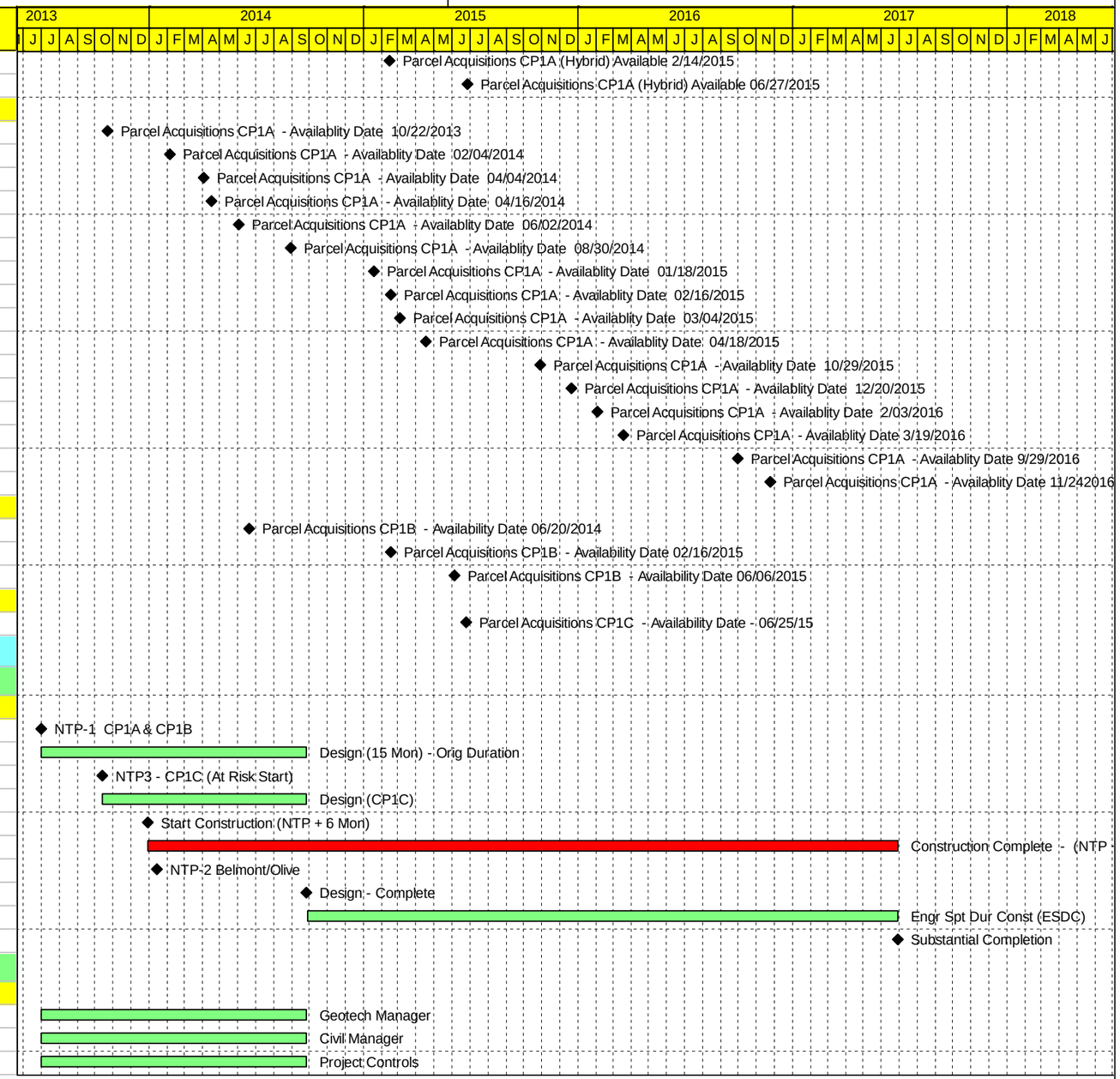
Activity ID	Activity Name	Original Duration	Start	Finish
1AH.310	Parcel Acquisitions CP1A (Hybrid) Available 2/14/2015	0		14-Feb-15*
1AH.300	Parcel Acquisitions CP1A (Hybrid) Available 06/27/2015	0		27-Jun-15*
Construction Package 1A (Balance)		1129	22-Oct-13	24-Nov-16
1A.020	Parcel Acquisitions CP1A - Availablity Date 10/22/2013	0		22-Oct-13*
1A.050	Parcel Acquisitions CP1A - Availablity Date 02/04/2014	0		04-Feb-14*
1A.080	Parcel Acquisitions CP1A - Availablity Date 04/04/2014	0		04-Apr-14*
1A.090	Parcel Acquisitions CP1A - Availablity Date 04/16/2014	0		16-Apr-14*
1A.100	Parcel Acquisitions CP1A - Availablity Date 06/02/2014	0		02-Jun-14*
1A.110	Parcel Acquisitions CP1A - Availablity Date 08/30/2014	0		30-Aug-14*
1A.120	Parcel Acquisitions CP1A - Availablity Date 01/18/2015	0		18-Jan-15*
1A.130	Parcel Acquisitions CP1A - Availablity Date 02/16/2015	0		16-Feb-15*
1A.150	Parcel Acquisitions CP1A - Availablity Date 03/04/2015	0		04-Mar-15*
1A.160	Parcel Acquisitions CP1A - Availablity Date 04/18/2015	0		18-Apr-15*
1A.3320	Parcel Acquisitions CP1A - Availablity Date 10/29/2015	0		29-Oct-15*
1A.6480	Parcel Acquisitions CP1A - Availablity Date 12/20/2015	0		20-Dec-15*
1A.6490	Parcel Acquisitions CP1A - Availablity Date 2/03/2016	0		03-Feb-16*
1A.6500	Parcel Acquisitions CP1A - Availablity Date 3/19/2016	0		19-Mar-16*
1A.6510	Parcel Acquisitions CP1A - Availablity Date 9/29/2016	0		29-Sep-16*
1A.6520	Parcel Acquisitions CP1A - Availablity Date 11/242016	0		24-Nov-16*
Construction Package 1B		351	20-Jun-14	06-Jun-15
1B.080	Parcel Acquisitions CP1B - Availability Date 06/20/2014	0		20-Jun-14*
1B.100	Parcel Acquisitions CP1B - Availability Date 02/16/2015	0		16-Feb-15*
1B.120	Parcel Acquisitions CP1B - Availability Date 06/06/2015	0		06-Jun-15*
Construction Package 1C		0	25-Jun-15	25-Jun-15
1C.5565	Parcel Acquisitions CP1C - Availability Date - 06/25/15	0		25-Jun-15*
Engineering		1045	01-Jul-13	30-Jun-17
Project Design Summary		1045	01-Jul-13	30-Jun-17
ALL Construction Zones		1045	01-Jul-13	30-Jun-17
PM0001	NTP-1 CP1A & CP1B	0	01-Jul-13*	
PM00015	Design (15 Mon) - Orig Duration	325	01-Jul-13	26-Sep-14
PM00016	NTP3 - CP1C (At Risk Start)	0	14-Oct-13*	
PM00017	Design (CP1C)	250	14-Oct-13	26-Sep-14
PM00040	Start Construction (NTP + 6 Mon)	0	30-Dec-13	
PM00045	Construction Complete - (NTP +48 Mo)	915	30-Dec-13	30-Jun-17
PM0002	NTP-2 Belmont/Olive	0	13-Jan-14	
PM00018	Design - Complete	0		26-Sep-14
PM00050	Engr Spt Dur Const (ESDC)	719	29-Sep-14	29-Jun-17
PM00080	Substantial Completion	0		30-Jun-17*
Design Management		325	01-Jul-13	26-Sep-14
ALL Construction Zones		325	01-Jul-13	26-Sep-14
00025	Geotech Manager	325	01-Jul-13	26-Sep-14
00020	Civil Manager	325	01-Jul-13	26-Sep-14
00050	Project Controls	325	01-Jul-13	26-Sep-14



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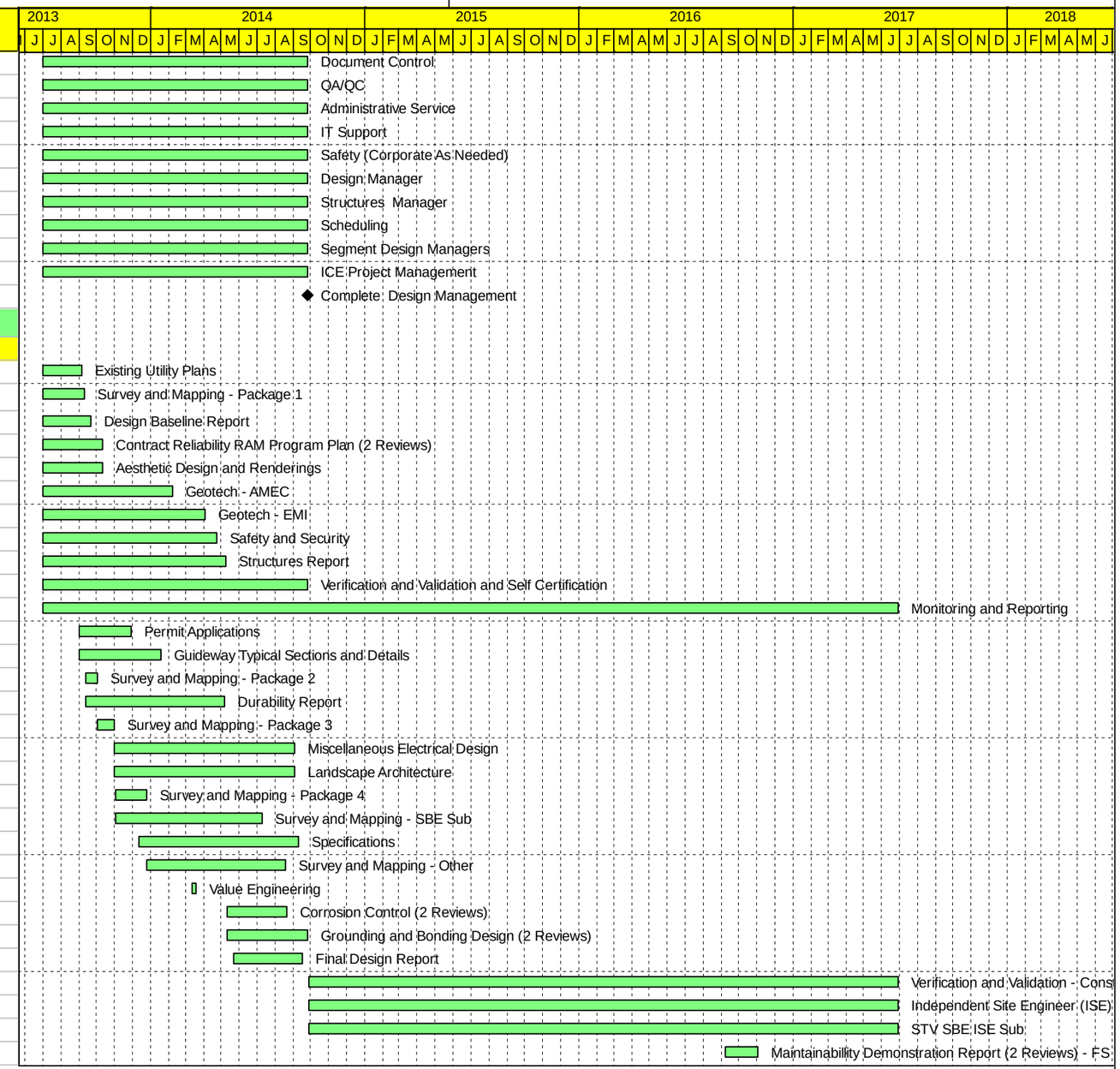
Activity ID	Activity Name	Original Duration	Start	Finish
00065	Document Control	325	01-Jul-13	26-Sep-14
00045	QA/QC	325	01-Jul-13	26-Sep-14
00075	Administrative Service	325	01-Jul-13	26-Sep-14
00080	IT Support	325	01-Jul-13	26-Sep-14
00070	Safety (Corporate As Needed)	325	01-Jul-13	26-Sep-14
00005	Design Manager	325	01-Jul-13	26-Sep-14
00015	Structures Manager	325	01-Jul-13	26-Sep-14
00055	Scheduling	325	01-Jul-13	26-Sep-14
00012	Segment Design Managers	325	01-Jul-13	26-Sep-14
00077	ICE Project Management	325	01-Jul-13	26-Sep-14
2003100	Complete Design Management	0		26-Sep-14*
Project Wide Design		1044	01-Jul-13	29-Jun-17
ALL Construction Zones		1044	01-Jul-13	29-Jun-17
01020	Existing Utility Plans	50	01-Jul-13	06-Sep-13
0100310	Survey and Mapping - Package 1	52	01-Jul-13	10-Sep-13
01006	Design Baseline Report	60	01-Jul-13	20-Sep-13
01042	Contract Reliability RAM Program Plan (2 Reviews)	75	01-Jul-13	11-Oct-13
01048	Aesthetic Design and Renderings	75	01-Jul-13	11-Oct-13
01078	Geotech - AMEC	160	01-Jul-13	07-Feb-14
01075	Geotech - EMI	200	01-Jul-13	04-Apr-14
01057	Safety and Security	213	01-Jul-13	23-Apr-14
01016	Structures Report	225	01-Jul-13	09-May-14
01060	Verification and Validation and Self Certification	325	01-Jul-13	26-Sep-14
01067	Monitoring and Reporting	1044	01-Jul-13	29-Jun-17
01066	Permit Applications	65	02-Sep-13*	29-Nov-13
01018	Guideway Typical Sections and Details	100	02-Sep-13*	17-Jan-14
0100320	Survey and Mapping - Package 2	16	11-Sep-13	02-Oct-13
01010	Durability Report	170	11-Sep-13	06-May-14
0100330	Survey and Mapping - Package 3	21	03-Oct-13	31-Oct-13
01051	Miscellaneous Electrical Design	220	31-Oct-13	03-Sep-14
01054	Landscape Architecture	220	31-Oct-13	03-Sep-14
0100340	Survey and Mapping - Package 4	38	01-Nov-13	24-Dec-13
01004	Survey and Mapping - SBE Sub	180	01-Nov-13	10-Jul-14
01045	Specifications	195	11-Dec-13*	09-Sep-14
0100350	Survey and Mapping - Other	170	25-Dec-13	19-Aug-14
01063	Value Engineering	5	12-Mar-14*	18-Mar-14
01088	Corrosion Control (2 Reviews)	75	12-May-14	22-Aug-14
01024	Grounding and Bonding Design (2 Reviews)	100	12-May-14	26-Sep-14
01009	Final Design Report	84	22-May-14*	16-Sep-14
01062	Verification and Validation - Construction Phase	719	29-Sep-14	29-Jun-17
01094	Independent Site Engineer (ISE)	719	29-Sep-14	29-Jun-17
01095	STV SBE ISE Sub	719	29-Sep-14	29-Jun-17
01092	Maintainabillity Demonstration Report (2 Reviews) - FS Viaduct #203 C	40	08-Sep-16*	02-Nov-16



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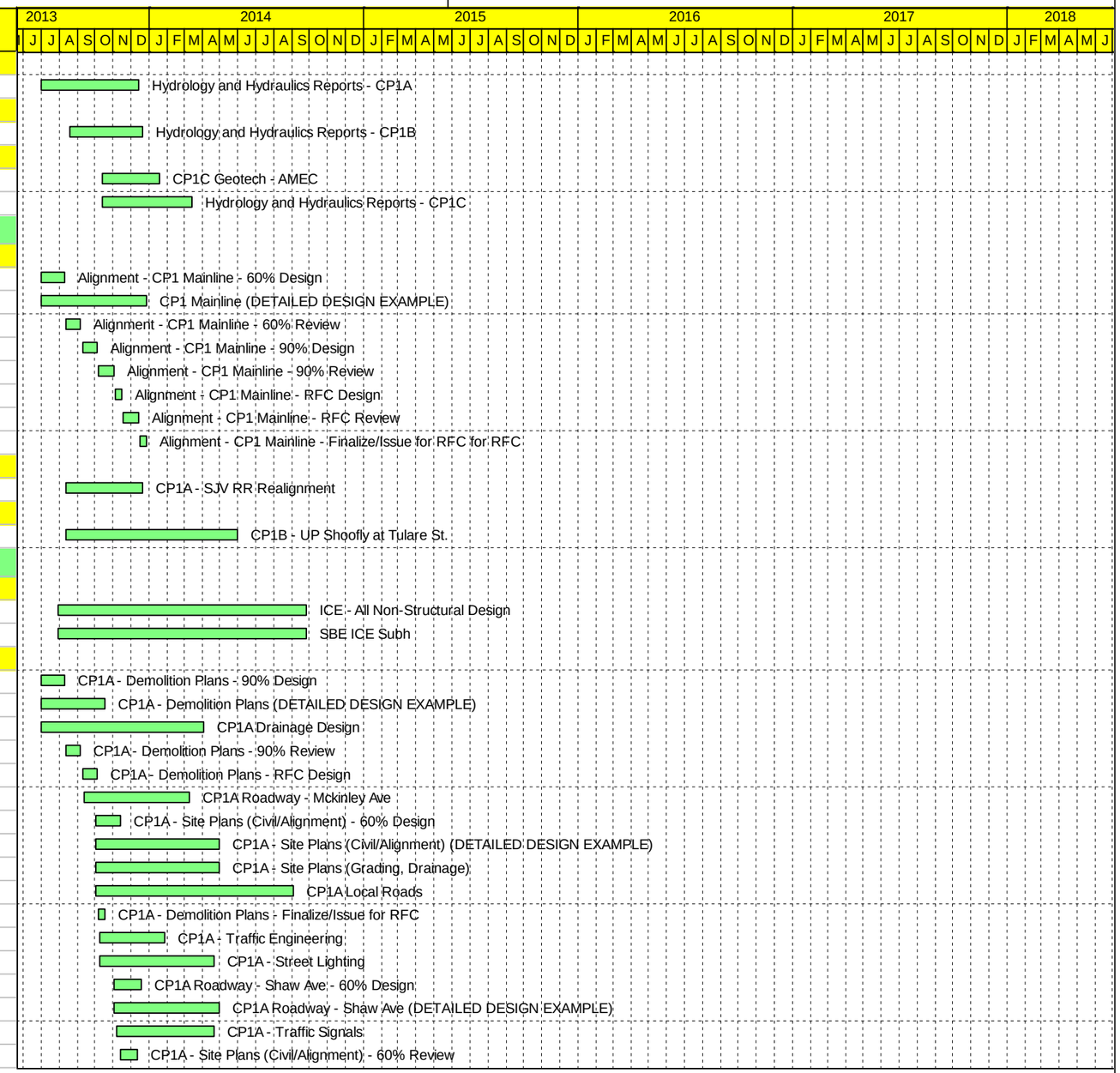
Activity ID	Activity Name	Original Duration	Start	Finish
Construction Package 1A (Balance)		120	01-Jul-13	13-Dec-13
01013	Hydrology and Hydraulics Reports - CP1A	120	01-Jul-13	13-Dec-13
Construction Package 1B		90	19-Aug-13	20-Dec-13
01014	Hydrology and Hydraulics Reports - CP1B	90	19-Aug-13	20-Dec-13
Early Engineering at Contractor's Risk - Package 1C		110	14-Oct-13	14-Mar-14
01079	CP1C Geotech - AMEC	70	14-Oct-13	17-Jan-14
01015	Hydrology and Hydraulics Reports - CP1C	110	14-Oct-13	14-Mar-14
Alignment Design		240	01-Jul-13	30-May-14
ALL Construction Zones		130	01-Jul-13	27-Dec-13
0200510	Alignment - CP1 Mainline - 60% Design	30	01-Jul-13	09-Aug-13
02005	CP1 Mainline (DETAILED DESIGN EXAMPLE)	130	01-Jul-13	27-Dec-13
0200520	Alignment - CP1 Mainline - 60% Review	20	12-Aug-13	06-Sep-13
0200530	Alignment - CP1 Mainline - 90% Design	20	09-Sep-13	04-Oct-13
0200540	Alignment - CP1 Mainline - 90% Review	20	07-Oct-13	01-Nov-13
0200550	Alignment - CP1 Mainline - RFC Design	10	04-Nov-13	15-Nov-13
0200560	Alignment - CP1 Mainline - RFC Review	20	18-Nov-13	13-Dec-13
0200570	Alignment - CP1 Mainline - Finalize/Issue for RFC for RFC	10	16-Dec-13	27-Dec-13
Construction Package 1A (Balance)		95	12-Aug-13	20-Dec-13
02025	CP1A - SJV RR Realignment	95	12-Aug-13	20-Dec-13
Construction Package 1B		210	12-Aug-13	30-May-14
02035	CP1B - UP Shoofly at Tulare St.	210	12-Aug-13	30-May-14
Civil Design		325	01-Jul-13	26-Sep-14
ALL Construction Zones		305	29-Jul-13	26-Sep-14
20096	ICE - All Non-Structural Design	305	29-Jul-13	26-Sep-14
20097	SBE ICE Subh	305	29-Jul-13	26-Sep-14
Construction Package 1A (Balance)		308	01-Jul-13	03-Sep-14
2000230	CP1A - Demolition Plans - 90% Design	30	01-Jul-13	09-Aug-13
20002	CP1A - Demolition Plans (DETAILED DESIGN EXAMPLE)	80	01-Jul-13	18-Oct-13
20043	CP1A Drainage Design	200	01-Jul-13	04-Apr-14
2000240	CP1A - Demolition Plans - 90% Review	20	12-Aug-13	06-Sep-13
2000250	CP1A - Demolition Plans - RFC Design	20	09-Sep-13	04-Oct-13
20036	CP1A Roadway - Mckinley Ave	130	11-Sep-13	11-Mar-14
2000410	CP1A - Site Plans (Civil/Alignment) - 60% Design	30	03-Oct-13	13-Nov-13
20004	CP1A - Site Plans (Civil/Alignment) (DETAILED DESIGN EXAMPLE)	150	03-Oct-13	30-Apr-14
20005	CP1A - Site Plans (Grading, Drainage)	150	03-Oct-13	30-Apr-14
20042	CP1A Local Roads	240	03-Oct-13	03-Sep-14
2000270	CP1A - Demolition Plans - Finalize/Issue for RFC	10	07-Oct-13	18-Oct-13
20044	CP1A - Traffic Engineering	80	09-Oct-13	28-Jan-14
20048	CP1A - Street Lighting	140	09-Oct-13	22-Apr-14
2003010	CP1A Roadway - Shaw Ave - 60% Design	35	01-Nov-13	19-Dec-13
20030	CP1A Roadway - Shaw Ave (DETAILED DESIGN EXAMPLE)	130	01-Nov-13	01-May-14
20046	CP1A - Traffic Signals	120	06-Nov-13	22-Apr-14
2000420	CP1A - Site Plans (Civil/Alignment) - 60% Review	20	14-Nov-13	11-Dec-13



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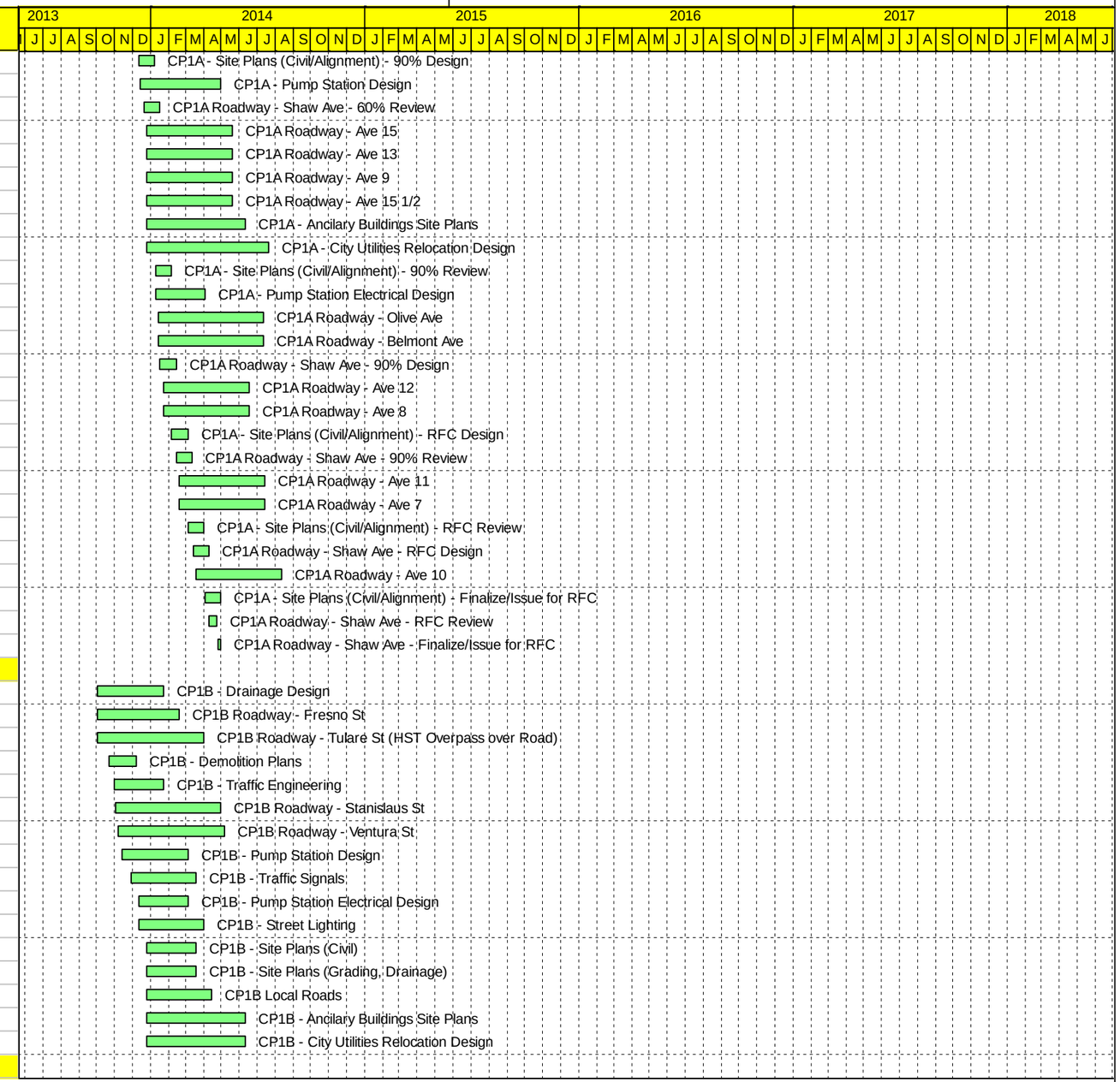
Activity ID	Activity Name	Original Duration	Start	Finish
2000430	CP1A - Site Plans (Civil/Alignment) - 90% Design	20	12-Dec-13	08-Jan-14
20007	CP1A - Pump Station Design	100	13-Dec-13	01-May-14
2003020	CP1A Roadway - Shaw Ave - 60% Review	20	20-Dec-13	16-Jan-14
20012	CP1A Roadway - Ave 15	105	25-Dec-13	20-May-14
20014	CP1A Roadway - Ave 13	105	25-Dec-13	20-May-14
20022	CP1A Roadway - Ave 9	105	25-Dec-13	20-May-14
20010	CP1A Roadway - Ave 15 1/2	105	25-Dec-13	20-May-14
20050	CP1A - Ancilary Buildings Site Plans	120	25-Dec-13	10-Jun-14
20008	CP1A - City Utilities Relocation Design	150	25-Dec-13	22-Jul-14
2000440	CP1A - Site Plans (Civil/Alignment) - 90% Review	20	09-Jan-14	05-Feb-14
20006	CP1A - Pump Station Electrical Design	60	10-Jan-14	03-Apr-14
20038	CP1A Roadway - Olive Ave	130	13-Jan-14	11-Jul-14
20040	CP1A Roadway - Belmont Ave	130	13-Jan-14*	11-Jul-14
2003030	CP1A Roadway - Shaw Ave - 90% Design	20	17-Jan-14	13-Feb-14
20016	CP1A Roadway - Ave 12	105	22-Jan-14	17-Jun-14
20024	CP1A Roadway - Ave 8	105	22-Jan-14	17-Jun-14
2000450	CP1A - Site Plans (Civil/Alignment) - RFC Design	20	06-Feb-14	05-Mar-14
2003040	CP1A Roadway - Shaw Ave - 90% Review	20	14-Feb-14	13-Mar-14
20018	CP1A Roadway - Ave 11	105	19-Feb-14	15-Jul-14
20026	CP1A Roadway - Ave 7	105	19-Feb-14	15-Jul-14
2000460	CP1A - Site Plans (Civil/Alignment) - RFC Review	20	06-Mar-14	02-Apr-14
2003050	CP1A Roadway - Shaw Ave - RFC Design	20	14-Mar-14	10-Apr-14
20020	CP1A Roadway - Ave 10	105	19-Mar-14	12-Aug-14
2000470	CP1A - Site Plans (Civil/Alignment) - Finalize/Issue for RFC	20	03-Apr-14	30-Apr-14
2003060	CP1A Roadway - Shaw Ave - RFC Review	10	11-Apr-14	24-Apr-14
2003070	CP1A Roadway - Shaw Ave - Finalize/Issue for RFC	5	25-Apr-14	01-May-14
Construction Package 1B		179	03-Oct-13	10-Jun-14
20071	CP1B - Drainage Design	80	03-Oct-13	22-Jan-14
20064	CP1B Roadway - Fresno St	100	03-Oct-13	19-Feb-14
20066	CP1B Roadway - Tulare St (HST Overpass over Road)	130	03-Oct-13	02-Apr-14
20054	CP1B - Demolition Plans	35	21-Oct-13	06-Dec-13
20072	CP1B - Traffic Engineering	60	31-Oct-13	22-Jan-14
20062	CP1B Roadway - Stanislaus St	130	01-Nov-13	01-May-14
20068	CP1B Roadway - Ventura St	130	07-Nov-13	07-May-14
20059	CP1B - Pump Station Design	80	14-Nov-13	05-Mar-14
20074	CP1B - Traffic Signals	80	28-Nov-13	19-Mar-14
20058	CP1B - Pump Station Electrical Design	60	12-Dec-13	05-Mar-14
20076	CP1B - Street Lighting	80	12-Dec-13	02-Apr-14
20056	CP1B - Site Plans (Civil)	60	25-Dec-13	18-Mar-14
20057	CP1B - Site Plans (Grading, Drainage)	60	25-Dec-13	18-Mar-14
20070	CP1B Local Roads	80	25-Dec-13	15-Apr-14
20078	CP1B - Ancilary Buildings Site Plans	120	25-Dec-13	10-Jun-14
20060	CP1B - City Utilities Relocation Design	120	25-Dec-13	10-Jun-14
Early Engineering at Contractor's Risk - Package 1C		182	09-Dec-13	19-Aug-14



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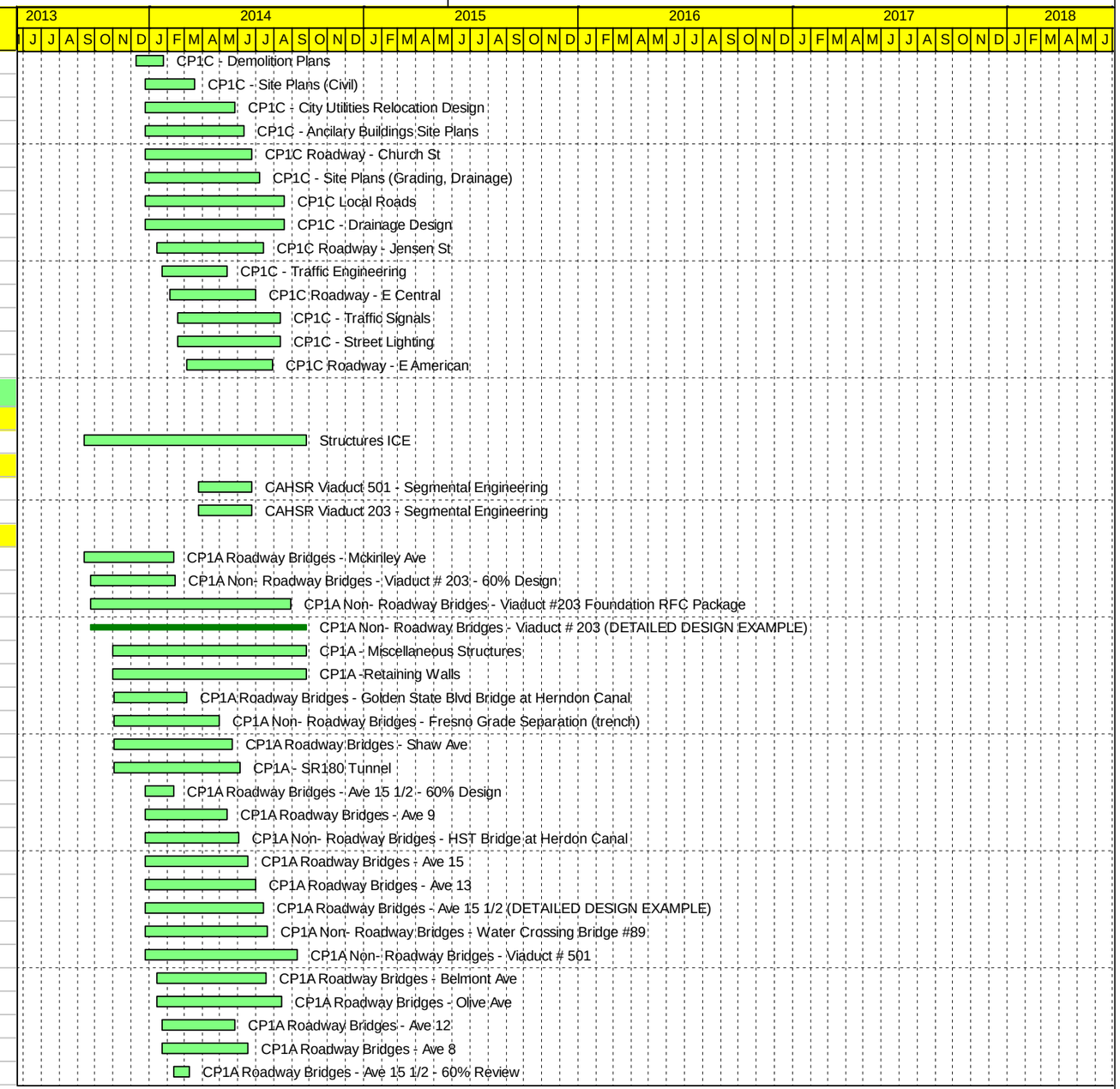
Activity ID	Activity Name	Original Duration	Start	Finish
20080	CP1C - Demolition Plans	35	09-Dec-13	24-Jan-14
20081	CP1C - Site Plans (Civil)	60	25-Dec-13	18-Mar-14
20083	CP1C - City Utilities Relocation Design	110	25-Dec-13	27-May-14
20092	CP1C - Ancilary Buildings Site Plans	120	25-Dec-13	10-Jun-14
20084	CP1C Roadway - Church St	130	25-Dec-13	24-Jun-14
20095	CP1C - Site Plans (Grading, Drainage)	140	25-Dec-13	08-Jul-14
20088	CP1C Local Roads	170	25-Dec-13	19-Aug-14
20093	CP1C - Drainage Design	170	25-Dec-13	19-Aug-14
20085	CP1C Roadway - Jensen St	130	15-Jan-14	15-Jul-14
20089	CP1C - Traffic Engineering	80	22-Jan-14	13-May-14
20086	CP1C Roadway - E Central	105	06-Feb-14	02-Jul-14
20090	CP1C - Traffic Signals	125	19-Feb-14	12-Aug-14
20091	CP1C - Street Lighting	125	19-Feb-14	12-Aug-14
20087	CP1C Roadway - E American	105	06-Mar-14	30-Jul-14
Structural Design		273	11-Sep-13	26-Sep-14
ALL Construction Zones		273	11-Sep-13	26-Sep-14
10091	Structures ICE	273	11-Sep-13	26-Sep-14
Construction Package 1A (Hybrid)		65	26-Mar-14	24-Jun-14
10094	CAHSR Viaduct 501 - Segmental Engineering	65	26-Mar-14	24-Jun-14
10096	CAHSR Viaduct 203 - Segmental Engineering	65	26-Mar-14	24-Jun-14
Construction Package 1A (Balance)		273	11-Sep-13	26-Sep-14
10026	CP1A Roadway Bridges - Mckinley Ave	110	11-Sep-13	11-Feb-14
1003810	CP1A Non- Roadway Bridges - Viaduct # 203 - 60% Design	105	23-Sep-13	14-Feb-14
1003880	CP1A Non- Roadway Bridges - Viaduct #203 Foundation RFC Package	245	23-Sep-13	29-Aug-14
10038	CP1A Non- Roadway Bridges - Viaduct # 203 (DETAILED DESIGN EX/	265	23-Sep-13	26-Sep-14
10048	CP1A - Miscellaneous Structures	238	30-Oct-13	26-Sep-14
10047	CP1A -Retaining Walls	238	30-Oct-13	26-Sep-14
10021	CP1A Roadway Bridges - Golden State Blvd Bridge at Herndon Canal	90	01-Nov-13	06-Mar-14
10044	CP1A Non- Roadway Bridges - Fresno Grade Separation (trench)	130	01-Nov-13	01-May-14
10022	CP1A Roadway Bridges - Shaw Ave	145	01-Nov-13	22-May-14
10046	CP1A - SR180 Tunnel	155	01-Nov-13	05-Jun-14
1000210	CP1A Roadway Bridges - Ave 15 1/2 - 60% Design	35	25-Dec-13	11-Feb-14
10014	CP1A Roadway Bridges - Ave 9	100	25-Dec-13	13-May-14
10040	CP1A Non- Roadway Bridges - HST Bridge at Herdon Canal	115	25-Dec-13	03-Jun-14
10004	CP1A Roadway Bridges - Ave 15	125	25-Dec-13	17-Jun-14
10006	CP1A Roadway Bridges - Ave 13	135	25-Dec-13	01-Jul-14
10002	CP1A Roadway Bridges - Ave 15 1/2 (DETAILED DESIGN EXAMPLE)	145	25-Dec-13	15-Jul-14
10036	CP1A Non- Roadway Bridges - Water Crossing Bridge #89	150	25-Dec-13	22-Jul-14
10034	CP1A Non- Roadway Bridges - Viaduct # 501	185	25-Dec-13	09-Sep-14
10032	CP1A Roadway Bridges - Belmont Ave	135	13-Jan-14	18-Jul-14
10030	CP1A Roadway Bridges - Olive Ave	155	13-Jan-14	15-Aug-14
10008	CP1A Roadway Bridges - Ave 12	90	22-Jan-14	27-May-14
10016	CP1A Roadway Bridges - Ave 8	105	22-Jan-14	17-Jun-14
1000220	CP1A Roadway Bridges - Ave 15 1/2 - 60% Review	20	12-Feb-14	11-Mar-14



Remaining Level of Effort
Remaining Work
Critical Remaining Work
Milestone

California HSR Authority

HighSpeed Train Project HSR 11-16

Proposal Schedule

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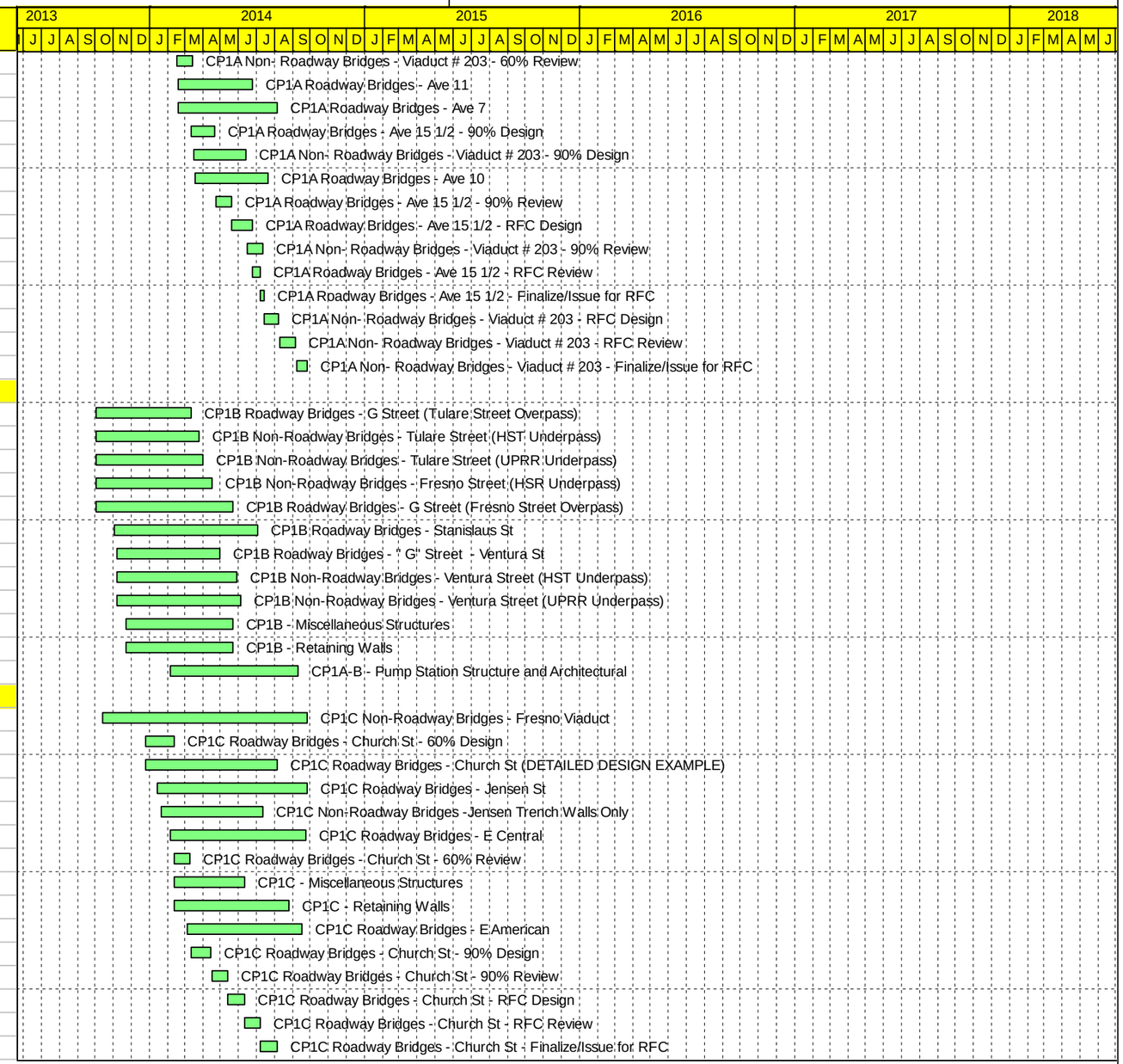
Activity ID	Activity Name	Original Duration	Start	Finish
1003820	CP1A Non- Roadway Bridges - Viaduct # 203 - 60% Review	20	17-Feb-14	14-Mar-14
10010	CP1A Roadway Bridges - Ave 11	90	19-Feb-14	24-Jun-14
10018	CP1A Roadway Bridges - Ave 7	120	19-Feb-14	05-Aug-14
1000230	CP1A Roadway Bridges - Ave 15 1/2 - 90% Design	30	12-Mar-14	22-Apr-14
1003830	CP1A Non- Roadway Bridges - Viaduct # 203 - 90% Design	65	17-Mar-14	13-Jun-14
10012	CP1A Roadway Bridges - Ave 10	90	19-Mar-14	22-Jul-14
1000240	CP1A Roadway Bridges - Ave 15 1/2 - 90% Review	20	23-Apr-14	20-May-14
1000250	CP1A Roadway Bridges - Ave 15 1/2 - RFC Design	25	21-May-14	24-Jun-14
1003840	CP1A Non- Roadway Bridges - Viaduct # 203 - 90% Review	20	16-Jun-14	11-Jul-14
1000260	CP1A Roadway Bridges - Ave 15 1/2 - RFC Review	10	25-Jun-14	08-Jul-14
1000270	CP1A Roadway Bridges - Ave 15 1/2 - Finalize/Issue for RFC	5	09-Jul-14	15-Jul-14
1003850	CP1A Non- Roadway Bridges - Viaduct # 203 - RFC Design	20	14-Jul-14	08-Aug-14
1003860	CP1A Non- Roadway Bridges - Viaduct # 203 - RFC Review	20	11-Aug-14	05-Sep-14
1003870	CP1A Non- Roadway Bridges - Viaduct # 203 - Finalize/Issue for RFC	15	08-Sep-14	26-Sep-14
Construction Package 1B		245	03-Oct-13	10-Sep-14
10056	CP1B Roadway Bridges - G Street (Tulare Street Overpass)	115	03-Oct-13	12-Mar-14
10062	CP1B Non-Roadway Bridges - Tulare Street (HST Underpass)	125	03-Oct-13	26-Mar-14
10064	CP1B Non-Roadway Bridges - Tulare Street (UPRR Underpass)	130	03-Oct-13	02-Apr-14
10060	CP1B Non-Roadway Bridges - Fresno Street (HSR Underpass)	140	03-Oct-13	16-Apr-14
10054	CP1B Roadway Bridges - G Street (Fresno Street Overpass)	165	03-Oct-13	21-May-14
10052	CP1B Roadway Bridges - Stanislaus St	175	01-Nov-13	03-Jul-14
10058	CP1B Roadway Bridges - " G" Street - Ventura St	125	07-Nov-13	30-Apr-14
10067	CP1B Non-Roadway Bridges - Ventura Street (HST Underpass)	145	07-Nov-13	28-May-14
10068	CP1B Non-Roadway Bridges - Ventura Street (UPRR Underpass)	150	07-Nov-13	04-Jun-14
10070	CP1B - Miscellaneous Structures	130	21-Nov-13	21-May-14
10069	CP1B - Retaining Walls	130	21-Nov-13	21-May-14
10071	CP1A-B - Pump Station Structure and Architectural	155	06-Feb-14	10-Sep-14
Early Engineering at Contractor's Risk - Package 1C		250	14-Oct-13	26-Sep-14
10086	CP1C Non-Roadway Bridges - Fresno Viaduct	250	14-Oct-13	26-Sep-14
1007410	CP1C Roadway Bridges - Church St - 60% Design	35	25-Dec-13	11-Feb-14
10074	CP1C Roadway Bridges - Church St (DETAILED DESIGN EXAMPLE)	160	25-Dec-13	05-Aug-14
10076	CP1C Roadway Bridges - Jensen St	183	15-Jan-14	26-Sep-14
10082	CP1C Non-Roadway Bridges -Jensen Trench Walls Only	125	20-Jan-14	11-Jul-14
10078	CP1C Roadway Bridges - E Central	165	06-Feb-14	24-Sep-14
1007420	CP1C Roadway Bridges - Church St - 60% Review	20	12-Feb-14	11-Mar-14
10090	CP1C - Miscellaneous Structures	85	12-Feb-14	10-Jun-14
10088	CP1C - Retaining Walls	140	12-Feb-14	26-Aug-14
10080	CP1C Roadway Bridges - E American	140	06-Mar-14	17-Sep-14
1007430	CP1C Roadway Bridges - Church St - 90% Design	25	12-Mar-14	15-Apr-14
1007440	CP1C Roadway Bridges - Church St - 90% Review	20	16-Apr-14	13-May-14
1007450	CP1C Roadway Bridges - Church St - RFC Design	20	14-May-14	10-Jun-14
1007460	CP1C Roadway Bridges - Church St - RFC Review	20	11-Jun-14	08-Jul-14
1007470	CP1C Roadway Bridges - Church St - Finalize/Issue for RFC	20	09-Jul-14	05-Aug-14



Remaining Level of Effort
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California HSR Authority

HighSpeed Train Project HSR 11-16

Proposal Schedule

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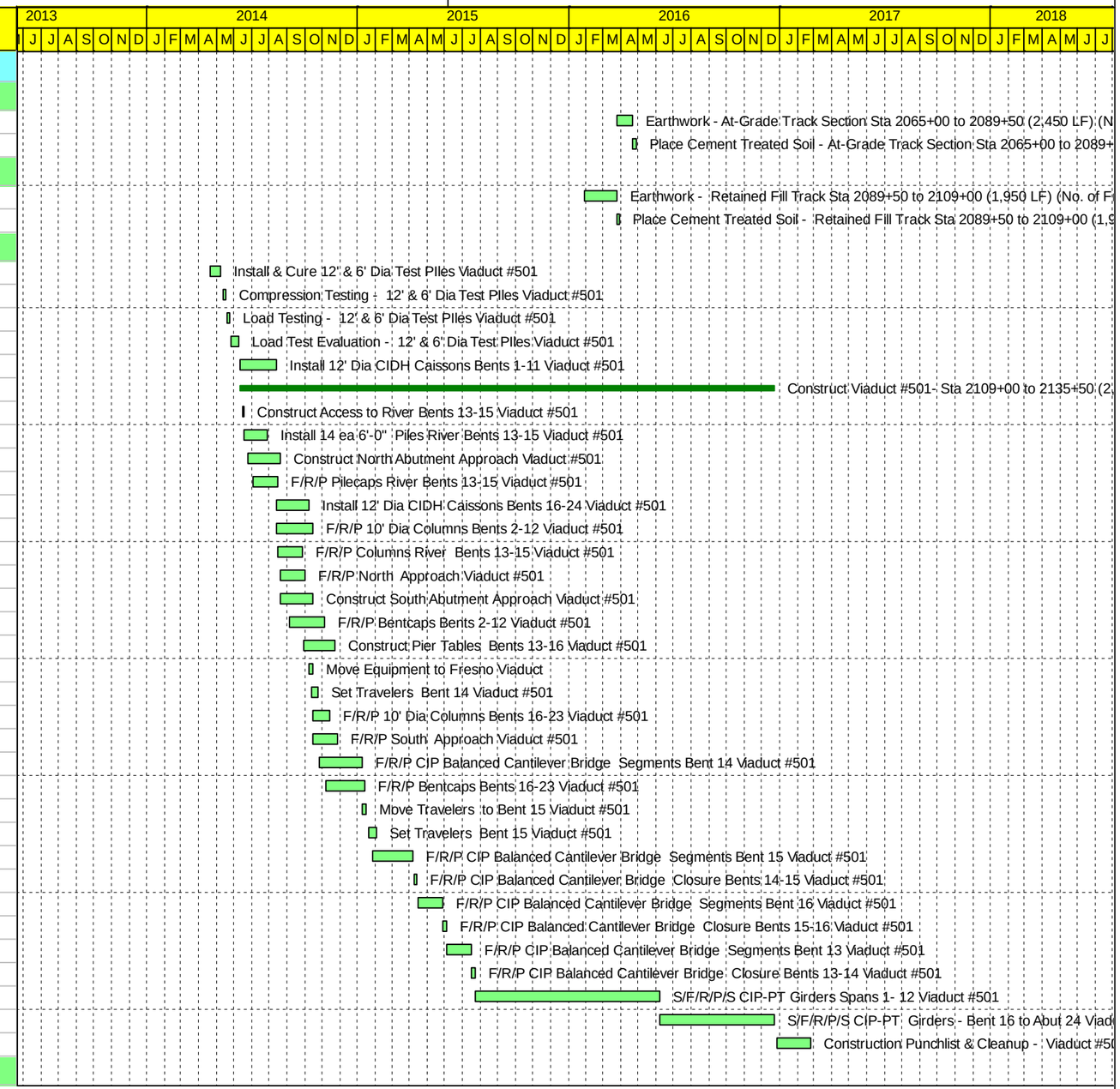
Activity ID	Activity Name	Original Duration	Start	Finish
Construction Package 1A (Hybrid)		872	27-Feb-14	30-Jun-17
Sta 2065+00 to 2089+50 - AT Grade 2,450 LF		24	25-Mar-16	27-Apr-16
1A.1030	Earthwork - At-Grade Track Section Sta 2065+00 to 2089+50 (2,450 LF	20	25-Mar-16	21-Apr-16
1A.6220	Place Cement Treated Soil - At-Grade Track Section Sta 2065+00 to 20	4	22-Apr-16	27-Apr-16
Sta 2089+50 to 2109+00 - Raised Fill 1,950 LF		43	28-Jan-16	29-Mar-16
1A.1045	Earthwork - Retained Fill Track Sta 2089+50 to 2109+00 (1,950 LF) (N	40	28-Jan-16	24-Mar-16
1A.6230	Place Cement Treated Soil - Retained Fill Track Sta 2089+50 to 2109+	3	25-Mar-16	29-Mar-16
Sta 2109+00 to 2135+50 - Viaduct #501 2,650 LF		744	21-Apr-14	23-Feb-17
1A.0140	Install & Cure 12' & 6' Dia Test Piles Viaduct #501	15	21-Apr-14	09-May-14
1A.0145	Compression Testing - 12' & 6' Dia Test Piles Viaduct #501	5	12-May-14	16-May-14
1A.0150	Load Testing - 12' & 6' Dia Test Piles Viaduct #501	5	19-May-14	23-May-14
1A.0155	Load Test Evaluation - 12' & 6' Dia Test Piles Viaduct #501	10	27-May-14	09-Jun-14
1A.1360	Install 12' Dia CIDH Caissons Bents 1-11 Viaduct #501	45	10-Jun-14	12-Aug-14
1A.1010	Construct Viaduct #501- Sta 2109+00 to 2135+50 (2,650 LF) (Fresno F	643	10-Jun-14	23-Dec-16
1A.1380	Construct Access to River Bents 13-15 Viaduct #501	3	16-Jun-14	18-Jun-14
1A.1390	Install 14 ea 6'-0" Piles River Bents 13-15 Viaduct #501	28	19-Jun-14	29-Jul-14
1A.1060	Construct North Abutment Approach Viaduct #501	40	24-Jun-14	19-Aug-14
1A.1400	F/R/P Pilecaps River Bents 13-15 Viaduct #501	30	03-Jul-14	14-Aug-14
1A.1370	Install 12' Dia CIDH Caissons Bents 16-24 Viaduct #501	40	13-Aug-14	08-Oct-14
1A.1430	F/R/P 10' Dia Columns Bents 2-12 Viaduct #501	45	13-Aug-14	15-Oct-14
1A.1410	F/R/P Columns River Bents 13-15 Viaduct #501	30	15-Aug-14	26-Sep-14
1A.5200	F/R/P North Approach Viaduct #501	30	20-Aug-14	01-Oct-14
1A.1065	Construct South Abutment Approach Viaduct #501	40	20-Aug-14	15-Oct-14
1A.1435	F/R/P Bentcaps Bents 2-12 Viaduct #501	45	04-Sep-14	05-Nov-14
1A.5300	Construct Pier Tables Bents 13-16 Viaduct #501	40	29-Sep-14	21-Nov-14
1A.1375	Move Equipment to Fresno Viaduct	5	09-Oct-14	15-Oct-14
1A.5310	Set Travelers Bent 14 Viaduct #501	10	13-Oct-14	24-Oct-14
1A.1440	F/R/P 10' Dia Columns Bents 16-23 Viaduct #501	20	16-Oct-14	12-Nov-14
1A.5210	F/R/P South Approach Viaduct #501	30	16-Oct-14	26-Nov-14
1A.5320	F/R/P CIP Balanced Cantilever Bridge Segments Bent 14 Viaduct #501	50	27-Oct-14	08-Jan-15
1A.1425	F/R/P Bentcaps Bents 16-23 Viaduct #501	45	06-Nov-14	13-Jan-15
1A.5330	Move Travelers to Bent 15 Viaduct #501	6	09-Jan-15	16-Jan-15
1A.5340	Set Travelers Bent 15 Viaduct #501	10	20-Jan-15	02-Feb-15
1A.5350	F/R/P CIP Balanced Cantilever Bridge Segments Bent 15 Viaduct #501	50	27-Jan-15	07-Apr-15
1A.5360	F/R/P CIP Balanced Cantilever Bridge Closure Bents 14-15 Viaduct #5(	5	08-Apr-15	14-Apr-15
1A.5390	F/R/P CIP Balanced Cantilever Bridge Segments Bent 16 Viaduct #501	30	15-Apr-15	27-May-15
1A.5400	F/R/P CIP Balanced Cantilever Bridge Closure Bents 15-16 Viaduct #5(	5	28-May-15	03-Jun-15
1A.5430	F/R/P CIP Balanced Cantilever Bridge Segments Bent 13 Viaduct #501	30	04-Jun-15	16-Jul-15
1A.5440	F/R/P CIP Balanced Cantilever Bridge Closure Bents 13-14 Viaduct #5(	5	17-Jul-15	23-Jul-15
1A.1450	S/F/R/P/S CIP-PT Girders Spans 1- 12 Viaduct #501	220	24-Jul-15	06-Jun-16
1A.1460	S/F/R/P/S CIP-PT Girders - Bent 16 to Abut 24 Viaduct #501	140	07-Jun-16	23-Dec-16
1A.6450	Construction Punchlist & Cleanup - Viaduct #501	40	27-Dec-16	23-Feb-17
Sta 2135+50 to 2154+50 - Raised Fill 1,900 LF		33	14-Dec-15	01-Feb-16



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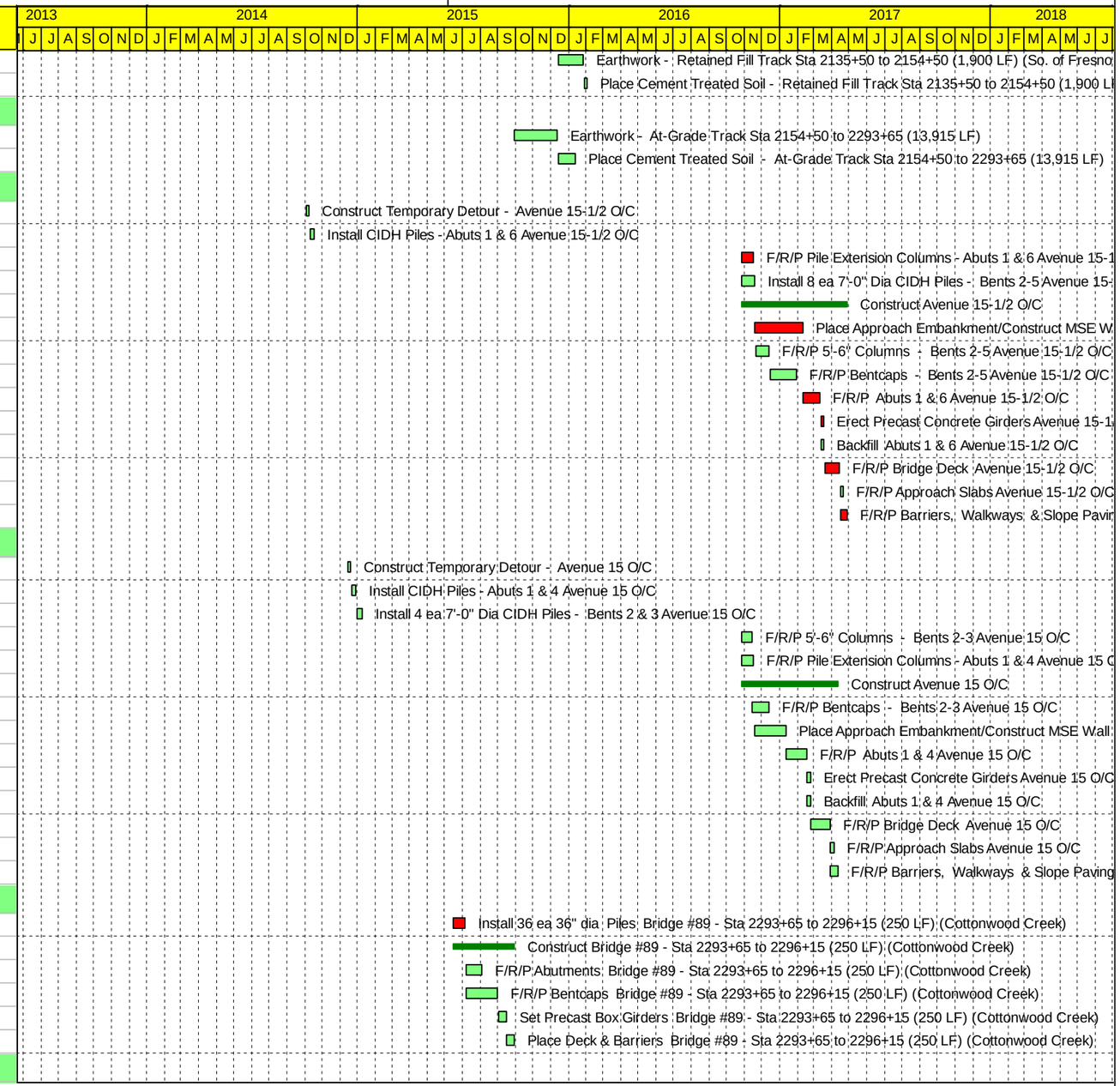
Activity ID	Activity Name	Original Duration	Start	Finish
1A.1050	Earthwork - Retained Fill Track Sta 2135+50 to 2154+50 (1,900 LF) (S	30	14-Dec-15	27-Jan-16
1A.6240	Place Cement Treated Soil - Retained Fill Track Sta 2135+50 to 2154+	3	28-Jan-16	01-Feb-16
Sta 2154+50 to 2293+65 - At Grade 13,915 LF		71	30-Sep-15	12-Jan-16
1A.1070	Earthwork - At-Grade Track Sta 2154+50 to 2293+65 (13,915 LF)	51	30-Sep-15	11-Dec-15
1A.6250	Place Cement Treated Soil - At-Grade Track Sta 2154+50 to 2293+65	20	14-Dec-15	12-Jan-16
Sta 2169+50 - Avenue 15-1/2 O/C		648	03-Oct-14	28-Apr-17
1A.3405	Construct Temporary Detour - Avenue 15-1/2 O/C	5	03-Oct-14	09-Oct-14
1A.3410	Install CIDH Piles - Abuts 1 & 6 Avenue 15-1/2 O/C	5	10-Oct-14	16-Oct-14
1A.3430	F/R/P Pile Extension Columns - Abuts 1 & 6 Avenue 15-1/2 O/C	15	28-Oct-16	17-Nov-16
1A.3420	Install 8 ea 7'-0" Dia CIDH Piles - Bents 2-5 Avenue 15-1/2 O/C	16	28-Oct-16	18-Nov-16
1A.2900	Construct Avenue 15-1/2 O/C	125	28-Oct-16	28-Apr-17
1A.3415	Place Approach Embankment/Construct MSE Wall - Avenue 15-1/2 O/C	55	18-Nov-16	09-Feb-17
1A.3450	F/R/P 5'-6" Columns - Bents 2-5 Avenue 15-1/2 O/C	16	21-Nov-16	14-Dec-16
1A.3650	F/R/P Bentcaps - Bents 2-5 Avenue 15-1/2 O/C	30	15-Dec-16	30-Jan-17
1A.3440	F/R/P Abuts 1 & 6 Avenue 15-1/2 O/C	20	10-Feb-17	10-Mar-17
1A.3500	Erect Precast Concrete Girders Avenue 15-1/2 O/C	5	13-Mar-17	17-Mar-17
1A.3445	Backfill Abuts 1 & 6 Avenue 15-1/2 O/C	5	13-Mar-17	17-Mar-17
1A.3470	F/R/P Bridge Deck Avenue 15-1/2 O/C	20	20-Mar-17	14-Apr-17
1A.3490	F/R/P Approach Slabs Avenue 15-1/2 O/C	5	17-Apr-17	21-Apr-17
1A.3480	F/R/P Barriers, Walkways & Slope Paving Avenue 15-1/2 O/C	10	17-Apr-17	28-Apr-17
Sta 2202+25 - Avenue 15 O/C		587	15-Dec-14	12-Apr-17
1A.3510	Construct Temporary Detour - Avenue 15 O/C	5	15-Dec-14	19-Dec-14
1A.3550	Install CIDH Piles - Abuts 1 & 4 Avenue 15 O/C	5	22-Dec-14	29-Dec-14
1A.3540	Install 4 ea 7'-0" Dia CIDH Piles - Bents 2 & 3 Avenue 15 O/C	8	30-Dec-14	09-Jan-15
1A.3560	F/R/P 5'-6" Columns - Bents 2-3 Avenue 15 O/C	12	28-Oct-16	14-Nov-16
1A.3570	F/R/P Pile Extension Columns - Abuts 1 & 4 Avenue 15 O/C	15	28-Oct-16	17-Nov-16
1A.3520	Construct Avenue 15 O/C	113	28-Oct-16	12-Apr-17
1A.3660	F/R/P Bentcaps - Bents 2-3 Avenue 15 O/C	20	15-Nov-16	14-Dec-16
1A.3530	Place Approach Embankment/Construct MSE Wall - Avenue 15 O/C	35	18-Nov-16	11-Jan-17
1A.3580	F/R/P Abuts 1 & 4 Avenue 15 O/C	25	12-Jan-17	16-Feb-17
1A.3610	Erect Precast Concrete Girders Avenue 15 O/C	3	17-Feb-17	22-Feb-17
1A.3600	Backfill Abuts 1 & 4 Avenue 15 O/C	5	17-Feb-17	24-Feb-17
1A.3620	F/R/P Bridge Deck Avenue 15 O/C	25	23-Feb-17	29-Mar-17
1A.3630	F/R/P Approach Slabs Avenue 15 O/C	5	30-Mar-17	05-Apr-17
1A.3640	F/R/P Barriers, Walkways & Slope Paving Avenue 15 O/C	10	30-Mar-17	12-Apr-17
Sta 2293+65 to 2296+15 - AG Br #89 250 LF		75	15-Jun-15	29-Sep-15
1A.5120	Install 36 ea 36" dia Piles Bridge #89 - Sta 2293+65 to 2296+15 (250 L	15	15-Jun-15	06-Jul-15
1A.1020	Construct Bridge #89 - Sta 2293+65 to 2296+15 (250 LF) (Cottonwood	75	15-Jun-15	29-Sep-15
1A.5130	F/R/P Abutments Bridge #89 - Sta 2293+65 to 2296+15 (250 LF) (Cott	20	07-Jul-15	03-Aug-15
1A.5190	F/R/P Bentcaps Bridge #89 - Sta 2293+65 to 2296+15 (250 LF) (Cotto	40	07-Jul-15	31-Aug-15
1A.5140	Set Precast Box Girders Bridge #89 - Sta 2293+65 to 2296+15 (250 LF	10	01-Sep-15	15-Sep-15
1A.5180	Place Deck & Barriers Bridge #89 - Sta 2293+65 to 2296+15 (250 LF)	10	16-Sep-15	29-Sep-15
Sta 2296+15 to 2440+00 - At Grade 14,385 LF		68	24-Apr-15	30-Jul-15



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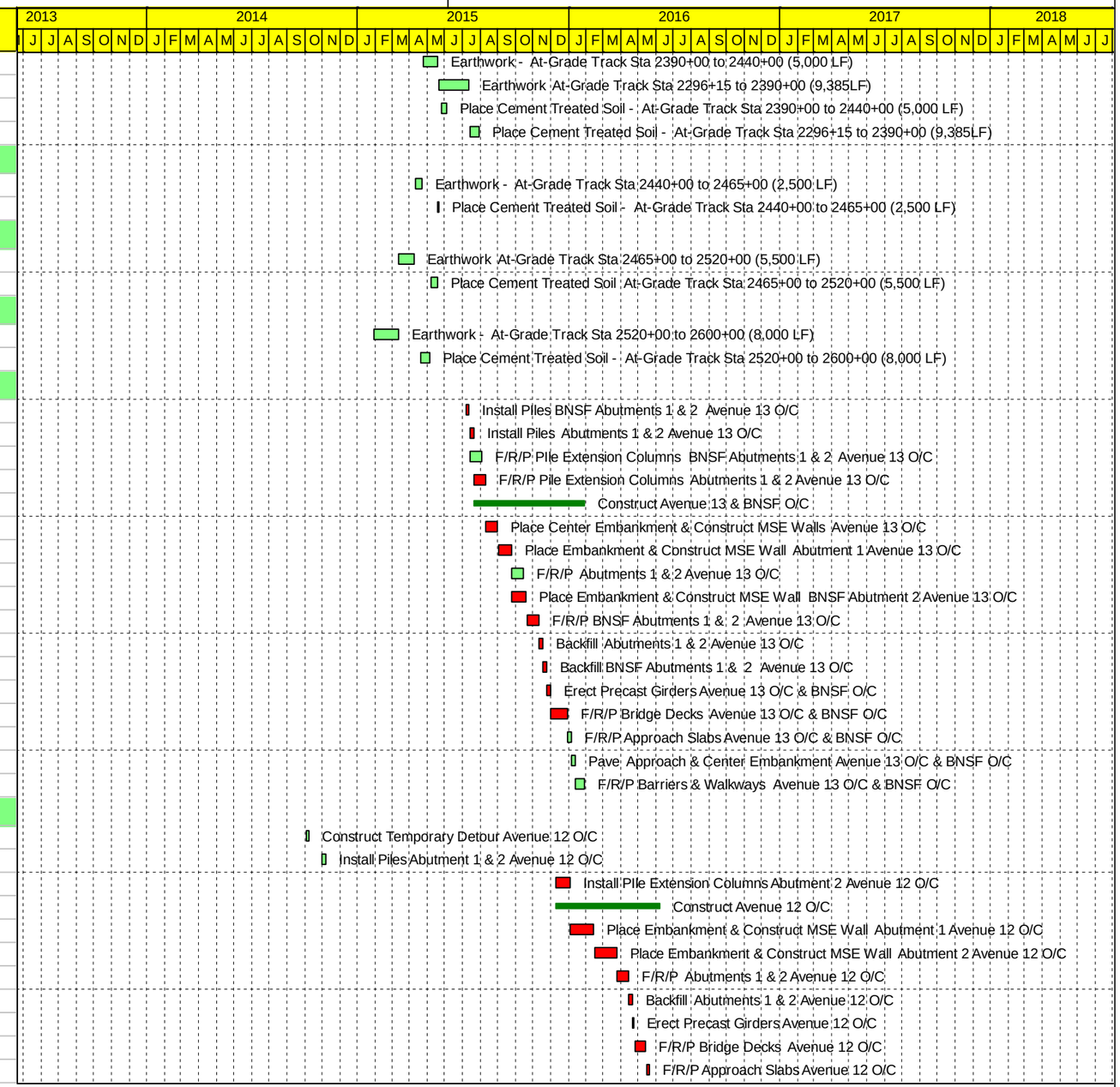
Activity ID	Activity Name	Original Duration	Start	Finish
1A.1086	Earthwork - At-Grade Track Sta 2390+00 to 2440+00 (5,000 LF)	19	24-Apr-15	20-May-15
1A.1080	Earthwork At-Grade Track Sta 2296+15 to 2390+00 (9,385LF)	36	21-May-15	13-Jul-15
1A.6270	Place Cement Treated Soil - At-Grade Track Sta 2390+00 to 2440+00 (	7	26-May-15	03-Jun-15
1A.6260	Place Cement Treated Soil - At-Grade Track Sta 2296+15 to 2390+00 (	13	14-Jul-15	30-Jul-15
Sta 2440+00 to 2465+00 - At Grade 2,500 LF		31	10-Apr-15	22-May-15
1A.3010	Earthwork - At-Grade Track Sta 2440+00 to 2465+00 (2,500 LF)	10	10-Apr-15	23-Apr-15
1A.6280	Place Cement Treated Soil - At-Grade Track Sta 2440+00 to 2465+00 (	4	19-May-15	22-May-15
Sta 2465+00 to 2520+00 -At Grade 5,500 LF		47	13-Mar-15	18-May-15
1A.3020	Earthwork At-Grade Track Sta 2465+00 to 2520+00 (5,500 LF)	20	13-Mar-15	09-Apr-15
1A.6290	Place Cement Treated Soil At-Grade Track Sta 2465+00 to 2520+00 (5	8	07-May-15	18-May-15
Sta 2520+00 to 2600+00 - At Grade 8,000 LF		69	29-Jan-15	06-May-15
1A.3025	Earthwork - At-Grade Track Sta 2520+00 to 2600+00 (8,000 LF)	30	29-Jan-15	12-Mar-15
1A.6300	Place Cement Treated Soil - At-Grade Track Sta 2520+00 to 2600+00 (	12	21-Apr-15	06-May-15
Sta 2331+00 - Avenue 13 O/C + Over BNSF		143	07-Jul-15	28-Jan-16
1A.3690	Install PIles BNSF Abutments 1 & 2 Avenue 13 O/C	5	07-Jul-15	13-Jul-15
1A.3700	Install Piles Abutments 1 & 2 Avenue 13 O/C	5	14-Jul-15	20-Jul-15
1A.3695	F/R/P PIle Extension Columns BNSF Abutments 1 & 2 Avenue 13 O/C	15	14-Jul-15	03-Aug-15
1A.3705	F/R/P Pile Extension Columns Abutments 1 & 2 Avenue 13 O/C	15	21-Jul-15	10-Aug-15
1A.2920	Construct Avenue 13 & BNSF O/C	133	21-Jul-15	28-Jan-16
1A.2990	Place Center Embankment & Construct MSE Walls Avenue 13 O/C	15	11-Aug-15	31-Aug-15
1A.3670	Place Embankment & Construct MSE Wall Abutment 1 Avenue 13 O/C	18	01-Sep-15	24-Sep-15
1A.3710	F/R/P Abutments 1 & 2 Avenue 13 O/C	15	25-Sep-15	15-Oct-15
1A.3680	Place Embankment & Construct MSE Wall BNSF Abutment 2 Avenue 1	18	25-Sep-15	20-Oct-15
1A.3720	F/R/P BNSF Abutments 1 & 2 Avenue 13 O/C	15	21-Oct-15	10-Nov-15
1A.3730	Backfill Abutments 1 & 2 Avenue 13 O/C	5	11-Nov-15	17-Nov-15
1A.3740	Backfill BNSF Abutments 1 & 2 Avenue 13 O/C	5	18-Nov-15	24-Nov-15
1A.3750	Erect Precast Girders Avenue 13 O/C & BNSF O/C	2	25-Nov-15	30-Nov-15
1A.3760	F/R/P Bridge Decks Avenue 13 O/C & BNSF O/C	20	01-Dec-15	29-Dec-15
1A.3780	F/R/P Approach Slabs Avenue 13 O/C & BNSF O/C	5	30-Dec-15	06-Jan-16
1A.3790	Pave Approach & Center Embankment Avenue 13 O/C & BNSF O/C	5	07-Jan-16	13-Jan-16
1A.3770	F/R/P Barriers & Walkways Avenue 13 O/C & BNSF O/C	10	14-Jan-16	28-Jan-16
Sta 2384+00 - Avenue 12 O/C		422	03-Oct-14	06-Jun-16
1A.3805	Construct Temporary Detour Avenue 12 O/C	5	03-Oct-14	09-Oct-14
1A.3830	Install Piles Abutment 1 & 2 Avenue 12 O/C	5	31-Oct-14	06-Nov-14
1A.3820	Install PIle Extension Columns Abutment 2 Avenue 12 O/C	15	11-Dec-15	04-Jan-16
1A.2930	Construct Avenue 12 O/C	122	11-Dec-15	06-Jun-16
1A.3800	Place Embankment & Construct MSE Wall Abutment 1 Avenue 12 O/C	28	05-Jan-16	12-Feb-16
1A.3810	Place Embankment & Construct MSE Wall Abutment 2 Avenue 12 O/C	28	16-Feb-16	24-Mar-16
1A.3840	F/R/P Abutments 1 & 2 Avenue 12 O/C	15	25-Mar-16	14-Apr-16
1A.3860	Backfill Abutments 1 & 2 Avenue 12 O/C	5	15-Apr-16	21-Apr-16
1A.3880	Erect Precast Girders Avenue 12 O/C	1	22-Apr-16	22-Apr-16
1A.3890	F/R/P Bridge Decks Avenue 12 O/C	15	25-Apr-16	13-May-16
1A.3900	F/R/P Approach Slabs Avenue 12 O/C	5	16-May-16	20-May-16



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Remaining Work
Critical Remaining Work
Milestone

California HSR Authority

HighSpeed Train Project HSR 11-16

Proposal Schedule

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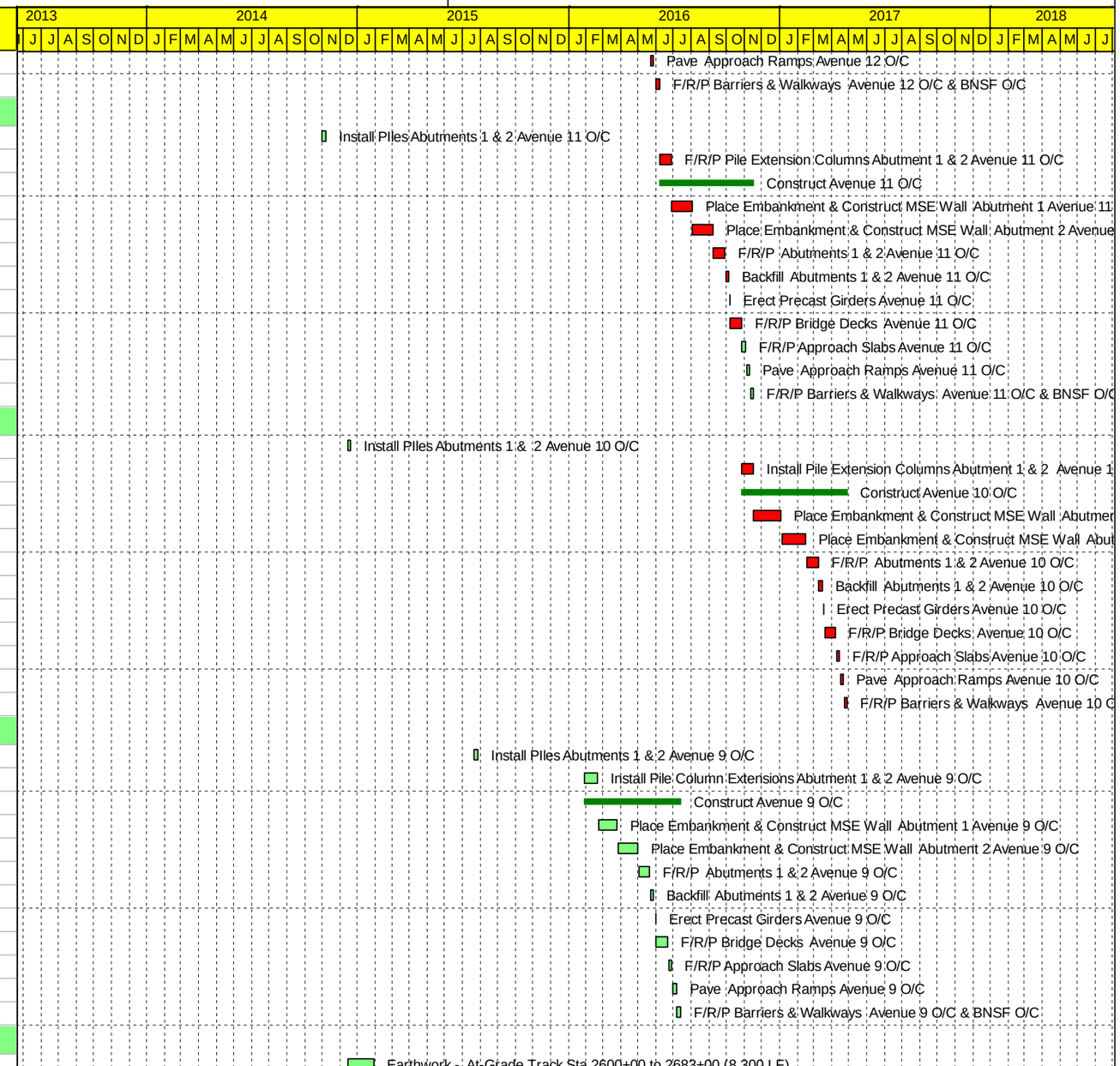
Activity ID	Activity Name	Original Duration	Start	Finish
1A.3910	Pave Approach Ramps Avenue 12 O/C	5	23-May-16	27-May-16
1A.3920	F/R/P Barriers & Walkways Avenue 12 O/C & BNSF O/C	5	31-May-16	06-Jun-16
Sta 2438+30 - Avenue 11 O/C		518	31-Oct-14	17-Nov-16
1A.3970	Install PIles Abutments 1 & 2 Avenue 11 O/C	5	31-Oct-14	06-Nov-14
1A.3980	F/R/P Pile Extension Columns Abutment 1 & 2 Avenue 11 O/C	15	07-Jun-16	27-Jun-16
1A.3950	Construct Avenue 11 O/C	116	07-Jun-16	17-Nov-16
1A.3940	Place Embankment & Construct MSE Wall Abutment 1 Avenue 11 O/C	25	28-Jun-16	02-Aug-16
1A.3960	Place Embankment & Construct MSE Wall Abutment 2 Avenue 11 O/C	25	03-Aug-16	07-Sep-16
1A.3990	F/R/P Abutments 1 & 2 Avenue 11 O/C	15	08-Sep-16	28-Sep-16
1A.4000	Backfill Abutments 1 & 2 Avenue 11 O/C	5	29-Sep-16	05-Oct-16
1A.4010	Erect Precast Girders Avenue 11 O/C	1	06-Oct-16	06-Oct-16
1A.4020	F/R/P Bridge Decks Avenue 11 O/C	15	07-Oct-16	27-Oct-16
1A.4030	F/R/P Approach Slabs Avenue 11 O/C	5	28-Oct-16	03-Nov-16
1A.4040	Pave Approach Ramps Avenue 11 O/C	5	04-Nov-16	10-Nov-16
1A.4050	F/R/P Barriers & Walkways Avenue 11 O/C & BNSF O/C	5	11-Nov-16	17-Nov-16
Sta 2495+00 - Avenue 10 O/C		599	15-Dec-14	28-Apr-17
1A.4090	Install PIles Abutments 1 & 2 Avenue 10 O/C	5	15-Dec-14	19-Dec-14
1A.4100	Install Pile Extension Columns Abutment 1 & 2 Avenue 10 O/C	14	28-Oct-16	16-Nov-16
1A.4070	Construct Avenue 10 O/C	125	28-Oct-16	28-Apr-17
1A.4060	Place Embankment & Construct MSE Wall Abutment 1 Avenue 10 O/C	30	17-Nov-16	03-Jan-17
1A.4080	Place Embankment & Construct MSE Wall Abutment 2 Avenue 10 O/C	30	04-Jan-17	15-Feb-17
1A.4110	F/R/P Abutments 1 & 2 Avenue 10 O/C	15	16-Feb-17	09-Mar-17
1A.4120	Backfill Abutments 1 & 2 Avenue 10 O/C	5	10-Mar-17	16-Mar-17
1A.4130	Erect Precast Girders Avenue 10 O/C	1	17-Mar-17	17-Mar-17
1A.4140	F/R/P Bridge Decks Avenue 10 O/C	15	20-Mar-17	07-Apr-17
1A.4150	F/R/P Approach Slabs Avenue 10 O/C	5	10-Apr-17	14-Apr-17
1A.4160	Pave Approach Ramps Avenue 10 O/C	5	17-Apr-17	21-Apr-17
1A.4170	F/R/P Barriers & Walkways Avenue 10 O/C & BNSF O/C	5	24-Apr-17	28-Apr-17
Sta 2552+30 - Avenue 9 O/C		249	21-Jul-15	13-Jul-16
1A.4210	Install PIles Abutments 1 & 2 Avenue 9 O/C	5	21-Jul-15	27-Jul-15
1A.4220	Install Pile Column Extensions Abutment 1 & 2 Avenue 9 O/C	15	29-Jan-16	19-Feb-16
1A.4190	Construct Avenue 9 O/C	116	29-Jan-16	13-Jul-16
1A.4180	Place Embankment & Construct MSE Wall Abutment 1 Avenue 9 O/C	25	22-Feb-16	25-Mar-16
1A.4200	Place Embankment & Construct MSE Wall Abutment 2 Avenue 9 O/C	25	28-Mar-16	29-Apr-16
1A.4230	F/R/P Abutments 1 & 2 Avenue 9 O/C	15	02-May-16	20-May-16
1A.4240	Backfill Abutments 1 & 2 Avenue 9 O/C	5	23-May-16	27-May-16
1A.4250	Erect Precast Girders Avenue 9 O/C	1	31-May-16	31-May-16
1A.4260	F/R/P Bridge Decks Avenue 9 O/C	15	01-Jun-16	21-Jun-16
1A.4270	F/R/P Approach Slabs Avenue 9 O/C	5	22-Jun-16	28-Jun-16
1A.4280	Pave Approach Ramps Avenue 9 O/C	5	29-Jun-16	06-Jul-16
1A.4290	F/R/P Barriers & Walkways Avenue 9 O/C & BNSF O/C	5	07-Jul-16	13-Jul-16
Sta 2600+00 to 2683+00 - At Grade 8,300 LF		87	15-Dec-14	20-Apr-15
1A.1085	Earthwork - At-Grade Track Sta 2600+00 to 2683+00 (8,300 LF)	30	15-Dec-14	28-Jan-15



Remaining Level of Effort
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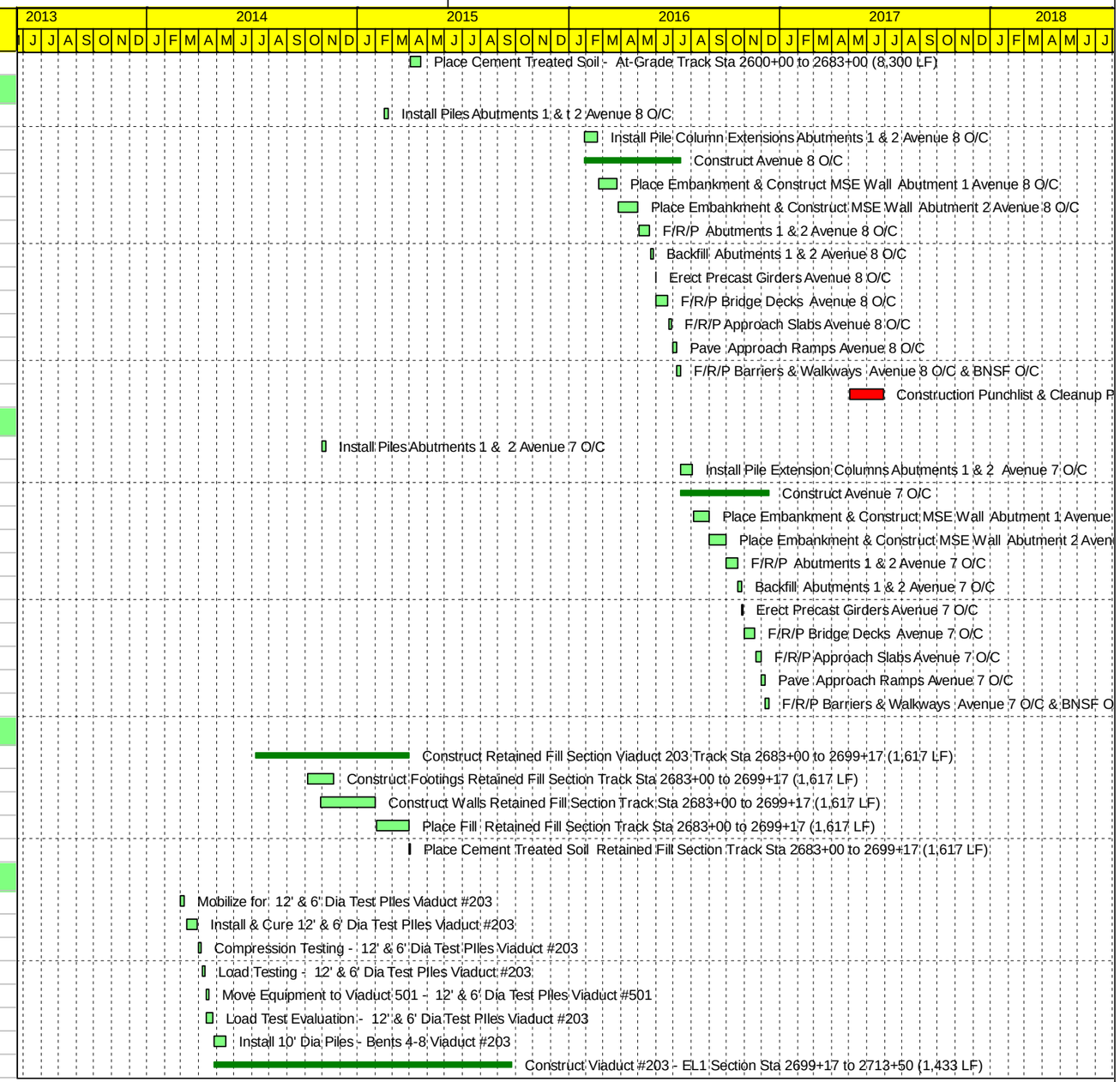
Activity ID	Activity Name	Original Duration	Start	Finish
1A.6310	Place Cement Treated Soil - At-Grade Track Sta 2600+00 to 2683+00 (	12	03-Apr-15	20-Apr-15
Sta 2613+80 - Avenue 8 O/C		601	17-Feb-15	30-Jun-17
1A.4330	Install Piles Abutments 1 & t 2 Avenue 8 O/C	5	17-Feb-15	23-Feb-15
1A.4340	Install Pile Column Extensions Abutments 1 & 2 Avenue 8 O/C	15	29-Jan-16	19-Feb-16
1A.4310	Construct Avenue 8 O/C	116	29-Jan-16	13-Jul-16
1A.4300	Place Embankment & Construct MSE Wall Abutment 1 Avenue 8 O/C	25	22-Feb-16	25-Mar-16
1A.4320	Place Embankment & Construct MSE Wall Abutment 2 Avenue 8 O/C	25	28-Mar-16	29-Apr-16
1A.4350	F/R/P Abutments 1 & 2 Avenue 8 O/C	15	02-May-16	20-May-16
1A.4360	Backfill Abutments 1 & 2 Avenue 8 O/C	5	23-May-16	27-May-16
1A.4370	Erect Precast Girders Avenue 8 O/C	1	31-May-16	31-May-16
1A.4380	F/R/P Bridge Decks Avenue 8 O/C	15	01-Jun-16	21-Jun-16
1A.4390	F/R/P Approach Slabs Avenue 8 O/C	5	22-Jun-16	28-Jun-16
1A.4400	Pave Approach Ramps Avenue 8 O/C	5	29-Jun-16	06-Jul-16
1A.4410	F/R/P Barriers & Walkways Avenue 8 O/C & BNSF O/C	5	07-Jul-16	13-Jul-16
1A.6470	Construction Punchlist & Cleanup Package 1A(HYB) Overcrossings & Tr	44	01-May-17	30-Jun-17
Sta 2673+90 - Avenue 7 O/C		534	31-Oct-14	13-Dec-16
1A.4450	Install Piles Abutments 1 & 2 Avenue 7 O/C	5	31-Oct-14	06-Nov-14
1A.4460	Install Pile Extension Columns Abutments 1 & 2 Avenue 7 O/C	15	14-Jul-16	03-Aug-16
1A.4430	Construct Avenue 7 O/C	106	14-Jul-16	13-Dec-16
1A.4420	Place Embankment & Construct MSE Wall Abutment 1 Avenue 7 O/C	20	04-Aug-16	31-Aug-16
1A.4440	Place Embankment & Construct MSE Wall Abutment 2 Avenue 7 O/C	20	01-Sep-16	29-Sep-16
1A.4470	F/R/P Abutments 1 & 2 Avenue 7 O/C	15	30-Sep-16	20-Oct-16
1A.4480	Backfill Abutments 1 & 2 Avenue 7 O/C	5	21-Oct-16	27-Oct-16
1A.4490	Erect Precast Girders Avenue 7 O/C	1	28-Oct-16	28-Oct-16
1A.4500	F/R/P Bridge Decks Avenue 7 O/C	15	31-Oct-16	18-Nov-16
1A.4510	F/R/P Approach Slabs Avenue 7 O/C	5	21-Nov-16	29-Nov-16
1A.4520	Pave Approach Ramps Avenue 7 O/C	5	30-Nov-16	06-Dec-16
1A.4530	F/R/P Barriers & Walkways Avenue 7 O/C & BNSF O/C	5	07-Dec-16	13-Dec-16
Sta 2683+00 to 2699+17 - Raised Fill Viaduct #203 1,617 LF		186	08-Jul-14	02-Apr-15
1A.1090	Construct Retained Fill Section Viaduct 203 Track Sta 2683+00 to 2699-	183	08-Jul-14	30-Mar-15
1A.1470	Construct Footings Retained Fill Section Track Sta 2683+00 to 2699+17	32	07-Oct-14	19-Nov-14
1A.1480	Construct Walls Retained Fill Section Track Sta 2683+00 to 2699+17 (1.	64	28-Oct-14	30-Jan-15
1A.1500	Place Fill Retained Fill Section Track Sta 2683+00 to 2699+17 (1,617 LI	40	02-Feb-15	30-Mar-15
1A.6320	Place Cement Treated Soil Retained Fill Section Track Sta 2683+00 to	3	31-Mar-15	02-Apr-15
Sta 2699+17 to 2713+50 - Aerial EL1 Viaduct #203 1,433 LF		400	27-Feb-14	24-Sep-15
1A.0095	Mobilize for 12' & 6' Dia Test PIles Viaduct #203	7	27-Feb-14	07-Mar-14
1A.0105	Install & Cure 12' & 6' Dia Test PIles Viaduct #203	15	10-Mar-14	28-Mar-14
1A.0115	Compression Testing - 12' & 6' Dia Test PIles Viaduct #203	5	31-Mar-14	04-Apr-14
1A.0125	Load Testing - 12' & 6' Dia Test PIles Viaduct #203	5	07-Apr-14	11-Apr-14
1A.5290	Move Equipment to Viaduct 501 - 12' & 6' Dia Test PIles Viaduct #501	5	14-Apr-14	18-Apr-14
1A.0135	Load Test Evaluation - 12' & 6' Dia Test PIles Viaduct #203	10	14-Apr-14	25-Apr-14
1A.1530	Install 10' Dia Piles - Bents 4-8 Viaduct #203	15	28-Apr-14	16-May-14
1A.1040	Construct Viaduct #203 - EL1 Section Sta 2699+17 to 2713+50 (1,433 L	358	28-Apr-14	24-Sep-15



Remaining Level of Effort
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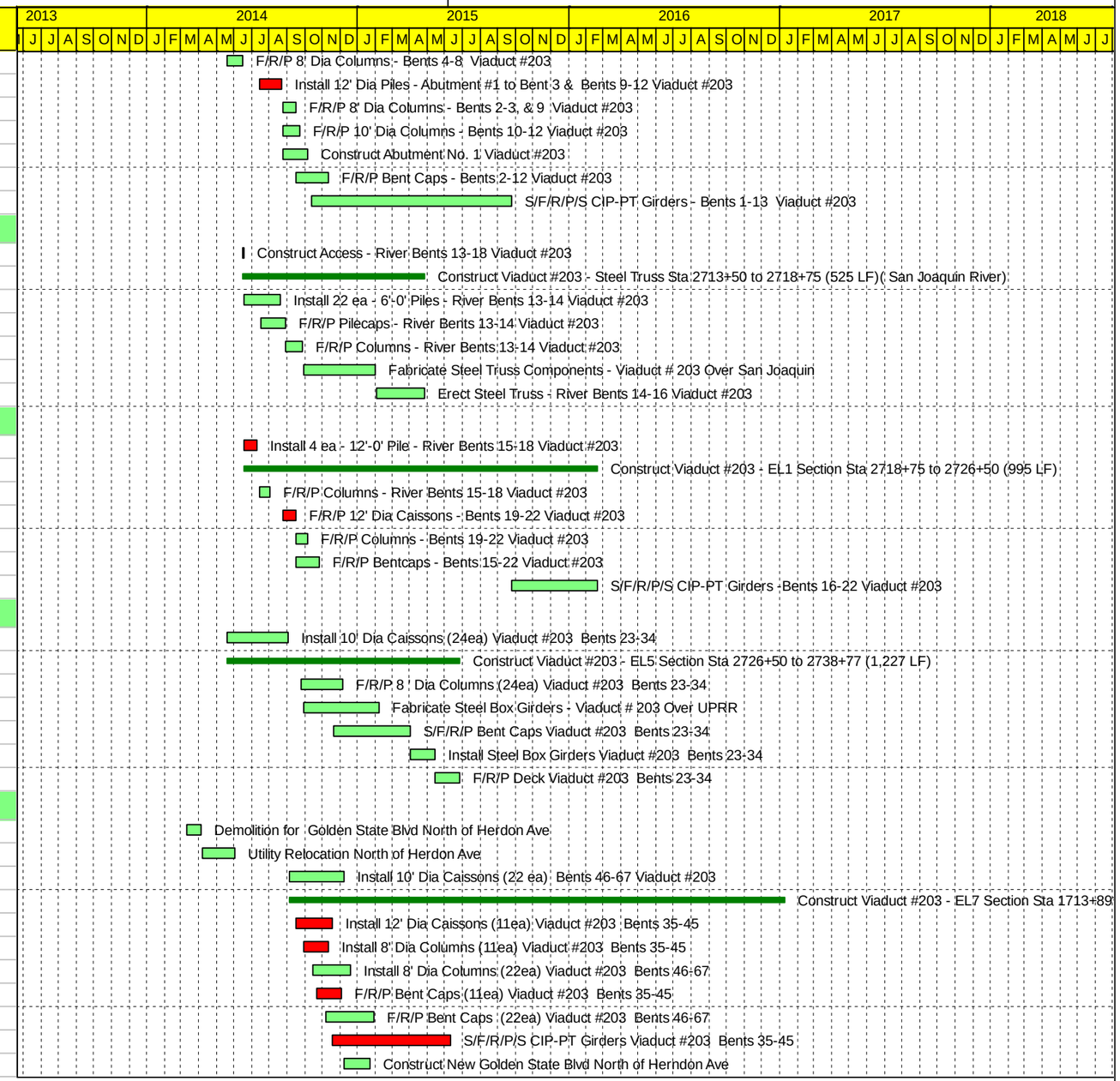
Activity ID	Activity Name	Original Duration	Start	Finish
1A.5240	F/R/P 8' Dia Columns - Bents 4-8 Viaduct #203	20	19-May-14	16-Jun-14
1A.1525	Install 12' Dia Piles - Abutment #1 to Bent 3 & Bents 9-12 Viaduct #203	30	14-Jul-14	22-Aug-14
1A.1520	F/R/P 8' Dia Columns - Bents 2-3, & 9 Viaduct #203	15	25-Aug-14	15-Sep-14
1A.1600	F/R/P 10' Dia Columns - Bents 10-12 Viaduct #203	20	25-Aug-14	22-Sep-14
1A.1490	Construct Abutment No. 1 Viaduct #203	30	25-Aug-14	06-Oct-14
1A.1575	F/R/P Bent Caps - Bents 2-12 Viaduct #203	40	16-Sep-14	10-Nov-14
1A.1580	S/F/R/P/S CIP-PT Girders - Bents 1-13 Viaduct #203	240	14-Oct-14	24-Sep-15
Sta 2713+50 to 2716+70 - Truss Viaduct #203 320 LF		226	16-Jun-14	27-Apr-15
1A.1540	Construct Access - River Bents 13-18 Viaduct #203	3	16-Jun-14	18-Jun-14
1A.1100	Construct Viaduct #203 - Steel Truss Sta 2713+50 to 2718+75 (525 LF)	218	16-Jun-14	27-Apr-15
1A.1550	Install 22 ea - 6'-0' Piles - River Bents 13-14 Viaduct #203	44	19-Jun-14	20-Aug-14
1A.1570	F/R/P Pilecaps - River Bents 13-14 Viaduct #203	30	18-Jul-14	28-Aug-14
1A.1610	F/R/P Columns - River Bents 13-14 Viaduct #203	20	29-Aug-14	26-Sep-14
1A.0090	Fabricate Steel Truss Components - Viaduct # 203 Over San Joaquin	85	29-Sep-14	30-Jan-15
1A.1620	Erect Steel Truss - River Bents 14-16 Viaduct #203	60	02-Feb-15	27-Apr-15
Sta 2716+70 to 2726+50 - Aerial EL1 Viaduct #203 995 LF		437	19-Jun-14	19-Feb-16
1A.1535	Install 4 ea - 12'-0' Pile - River Bents 15-18 Viaduct #203	16	19-Jun-14	11-Jul-14
1A.1110	Construct Viaduct #203 - EL1 Section Sta 2718+75 to 2726+50 (995 LF	421	19-Jun-14	19-Feb-16
1A.5220	F/R/P Columns - River Bents 15-18 Viaduct #203	15	14-Jul-14	01-Aug-14
1A.1700	F/R/P 12' Dia Caissons - Bents 19-22 Viaduct #203	15	25-Aug-14	15-Sep-14
1A.5230	F/R/P Columns - Bents 19-22 Viaduct #203	15	16-Sep-14	06-Oct-14
1A.5450	F/R/P Bentcaps - Bents 15-22 Viaduct #203	30	16-Sep-14	27-Oct-14
1A.1660	S/F/R/P/S CIP-PT Girders -Bents 16-22 Viaduct #203	100	25-Sep-15	19-Feb-16
Sta 2726+50 to 2738+77 - Aerial EL5 Viaduct #203 1,227 LF		280	19-May-14	26-Jun-15
1A.1120	Install 10' Dia Caissons (24ea) Viaduct #203 Bents 23-34	75	19-May-14	03-Sep-14
1A.1670	Construct Viaduct #203 - EL5 Section Sta 2726+50 to 2738+77 (1,227 L	280	19-May-14	26-Jun-15
1A.1710	F/R/P 8 ' Dia Columns (24ea) Viaduct #203 Bents 23-34	50	25-Sep-14	05-Dec-14
1A.0100	Fabricate Steel Box Girders - Viaduct # 203 Over UPRR	90	29-Sep-14	06-Feb-15
1A.1720	S/F/R/P Bent Caps Viaduct #203 Bents 23-34	90	20-Nov-14	02-Apr-15
1A.1730	Install Steel Box Girders Viaduct #203 Bents 23-34	30	03-Apr-15	14-May-15
1A.6080	F/R/P Deck Viaduct #203 Bents 23-34	30	15-May-15	26-Jun-15
Sta 1713+89 to 1749+67 - Aerial EL7 Viaduct #203 3,578 LF		718	10-Mar-14	10-Jan-17
1A.6340	Demolition for Golden State Blvd North of Herdon Ave	20	10-Mar-14	04-Apr-14
1A.6350	Utility Relocation North of Herdon Ave	40	07-Apr-14	02-Jun-14
1A.5100	Install 10' Dia Caissons (22 ea) Bents 46-67 Viaduct #203	66	04-Sep-14	08-Dec-14
1A.1130	Construct Viaduct #203 - EL7 Section Sta 1713+89** to 1749+67 (3,578	593	04-Sep-14	10-Jan-17
1A.1740	Install 12' Dia Caissons (11ea) Viaduct #203 Bents 35-45	45	16-Sep-14	17-Nov-14
1A.1760	Install 8' Dia Columns (11ea) Viaduct #203 Bents 35-45	30	30-Sep-14	10-Nov-14
1A.5250	Install 8' Dia Columns (22ea) Viaduct #203 Bents 46-67	45	16-Oct-14	19-Dec-14
1A.5460	F/R/P Bent Caps (11ea) Viaduct #203 Bents 35-45	30	21-Oct-14	03-Dec-14
1A.5470	F/R/P Bent Caps (22ea) Viaduct #203 Bents 46-67	55	06-Nov-14	28-Jan-15
1A.1780	S/F/R/P/S CIP-PT Girders Viaduct #203 Bents 35-45	140	18-Nov-14	10-Jun-15
1A.3330	Construct New Golden State Blvd North of Herndon Ave	30	09-Dec-14	22-Jan-15



Remaining Level of Effort
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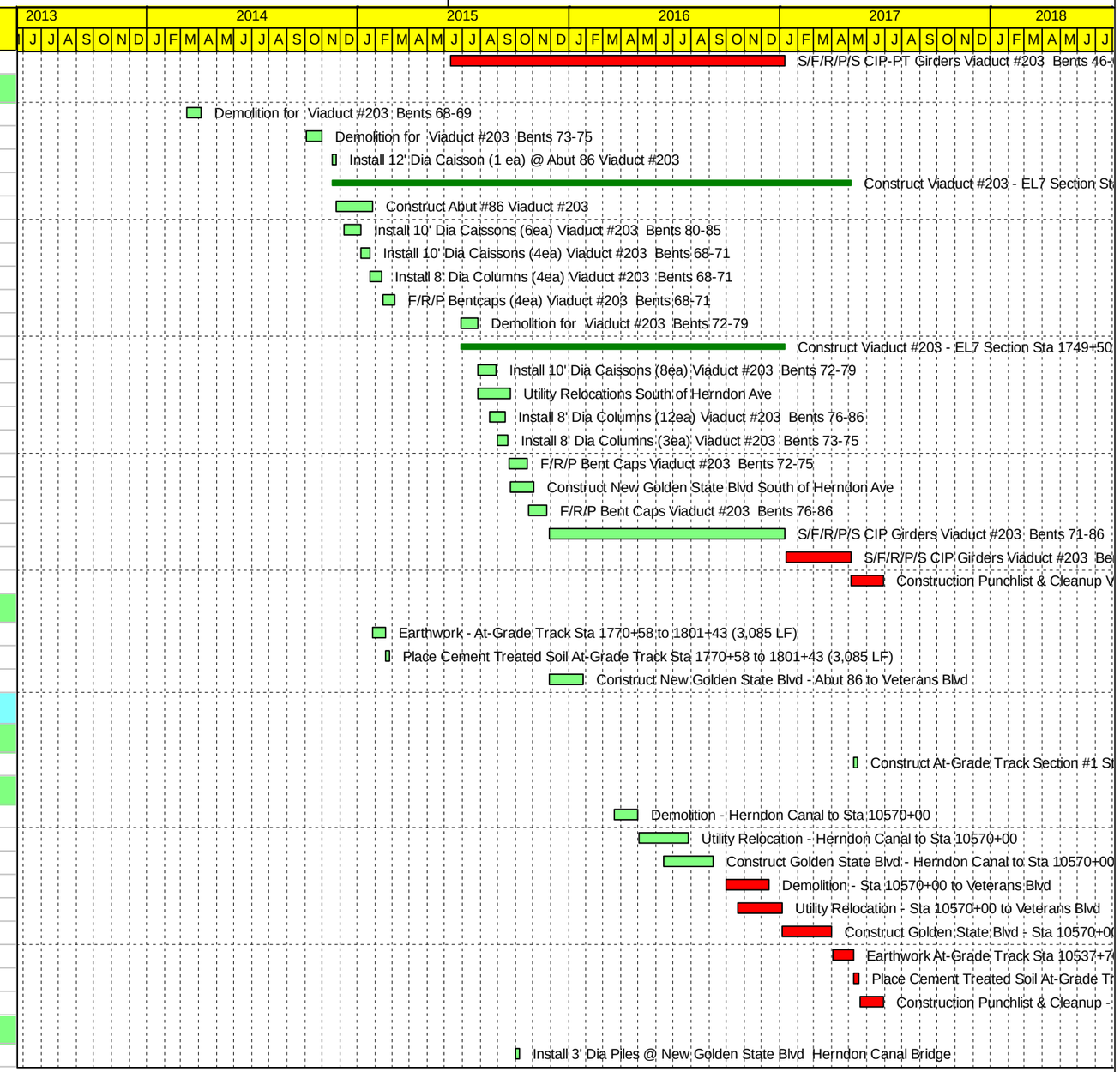
Activity ID	Activity Name	Original Duration	Start	Finish
1A.5480	S/F/R/P/S CIP-PT Girders Viaduct #203 Bents 46-67	400	11-Jun-15	10-Jan-17
Sta 1749+67 to 1770+58 - Aerial EL7 Viaduct #203 2,091 LF		838	10-Mar-14	30-Jun-17
1A.0555	Demolition for Viaduct #203 Bents 68-69	20	10-Mar-14	04-Apr-14
1A.0565	Demolition for Viaduct #203 Bents 73-75	20	03-Oct-14	30-Oct-14
1A.5090	Install 12' Dia Caisson (1 ea) @ Abut 86 Viaduct #203	5	18-Nov-14	24-Nov-14
1A.5500	Construct Viaduct #203 - EL7 Section Sta 1749+50 to 1770+58 (2,108	620	18-Nov-14	04-May-17
1A.1735	Construct Abut #86 Viaduct #203	40	25-Nov-14	26-Jan-15
1A.5110	Install 10' Dia Caissons (6ea) Viaduct #203 Bents 80-85	18	09-Dec-14	05-Jan-15
1A.1745	Install 10' Dia Caissons (4ea) Viaduct #203 Bents 68-71	12	06-Jan-15	22-Jan-15
1A.5510	Install 8' Dia Columns (4ea) Viaduct #203 Bents 68-71	15	23-Jan-15	12-Feb-15
1A.5520	F/R/P Bentcaps (4ea) Viaduct #203 Bents 68-71	15	13-Feb-15	06-Mar-15
1A.0567	Demolition for Viaduct #203 Bents 72-79	20	29-Jun-15	27-Jul-15
1A.1787	Construct Viaduct #203 - EL7 Section Sta 1749+50 to 1770+58 (2,108	388	29-Jun-15	10-Jan-17
1A.1750	Install 10' Dia Caissons (8ea) Viaduct #203 Bents 72-79	24	28-Jul-15	28-Aug-15
1A.6360	Utility Relocations South of Herndon Ave	40	28-Jul-15	21-Sep-15
1A.1770	Install 8' Dia Columns (12ea) Viaduct #203 Bents 76-86	20	18-Aug-15	14-Sep-15
1A.1765	Install 8' Dia Columns (3ea) Viaduct #203 Bents 73-75	15	31-Aug-15	18-Sep-15
1A.5490	F/R/P Bent Caps Viaduct #203 Bents 72-75	24	21-Sep-15	22-Oct-15
1A.3340	Construct New Golden State Blvd South of Herndon Ave	30	22-Sep-15	02-Nov-15
1A.6090	F/R/P Bent Caps Viaduct #203 Bents 76-86	24	23-Oct-15	25-Nov-15
1A.1785	S/F/R/P/S CIP Girders Viaduct #203 Bents 71-86	281	30-Nov-15	10-Jan-17
1A.5530	S/F/R/P/S CIP Girders Viaduct #203 Bents 67-71	80	11-Jan-17	04-May-17
1A.6460	Construction Punchlist & Cleanup Viaduct 203	40	05-May-17	30-Jun-17
Sta 1770+58 to 1801+43 - At Grade 3,085 LF		254	27-Jan-15	27-Jan-16
1A.1140	Earthwork - At-Grade Track Sta 1770+58 to 1801+43 (3,085 LF)	15	27-Jan-15	17-Feb-15
1A.6370	Place Cement Treated Soil At-Grade Track Sta 1770+58 to 1801+43 (3,	5	18-Feb-15	24-Feb-15
1A.6330	Construct New Golden State Blvd - Abut 86 to Veterans Blvd	40	30-Nov-15	27-Jan-16
Construction Package 1A (Balance)		932	04-Dec-13	30-Jun-17
Sta 10535+00 to 10537+70 - At Grade 270 LF		5	09-May-17	15-May-17
1A.1150	Construct At-Grade Track Section #1 Sta 10535+00 to 10537+70 (270 L	5	09-May-17	15-May-17
Sta 10537+70 to 10592+37 - At Grade 5,467 LF		325	21-Mar-16	30-Jun-17
1A.3360	Demolition - Herndon Canal to Sta 10570+00	30	21-Mar-16	29-Apr-16
1A.6100	Utility Relocation - Herndon Canal to Sta 10570+00	60	02-May-16	26-Jul-16
1A.3370	Construct Golden State Blvd - Herndon Canal to Sta 10570+00	60	14-Jun-16	07-Sep-16
1A.6530	Demolition - Sta 10570+00 to Veterans Blvd	50	30-Sep-16	12-Dec-16
1A.6540	Utility Relocation - Sta 10570+00 to Veterans Blvd	50	21-Oct-16	04-Jan-17
1A.6550	Construct Golden State Blvd - Sta 10570+00 to Veterans	60	05-Jan-17	31-Mar-17
1A.1160	Earthwork At-Grade Track Sta 10537+70 to 10592+37 (5,467 LF) Veter	26	03-Apr-17	08-May-17
1A.6380	Place Cement Treated Soil At-Grade Track Sta 10537+70 to 10592+37	8	09-May-17	18-May-17
1A.6560	Construction Punchlist & Cleanup - Package 1A Overcrossings & Tracku	30	19-May-17	30-Jun-17
Sta 10592+37 to 10593+01 - Herndon Canal 64 LF		299	01-Oct-15	07-Dec-16
1A.4740	Install 3' Dia Piles @ New Golden State Blvd Herndon Canal Bridge	5	01-Oct-15	07-Oct-15



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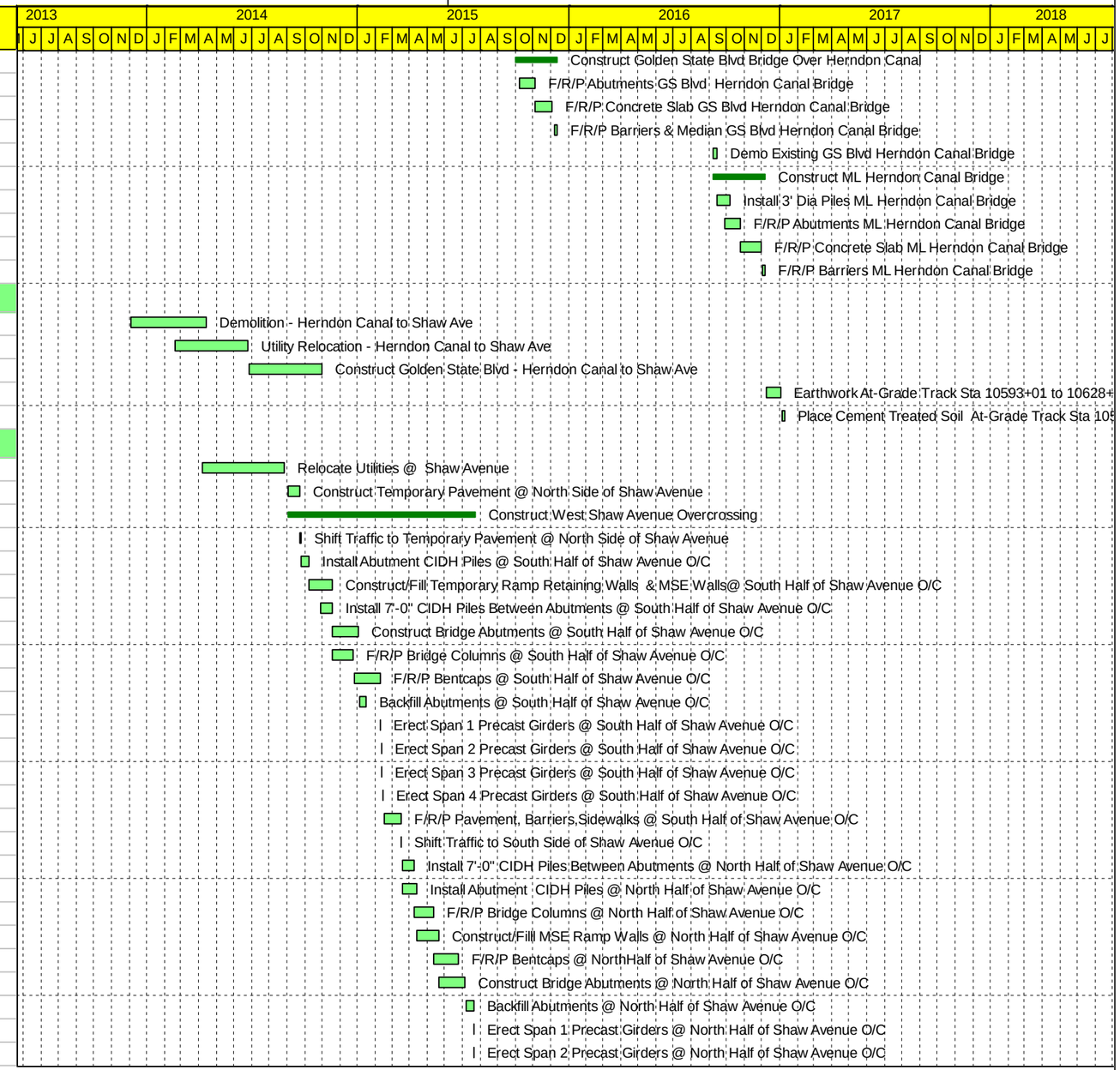
Activity ID	Activity Name	Original Duration	Start	Finish
1A.3000	Construct Golden State Blvd Bridge Over Herndon Canal	50	01-Oct-15	11-Dec-15
1A.4750	F/R/P Abutments GS Blvd Herndon Canal Bridge	20	08-Oct-15	04-Nov-15
1A.4760	F/R/P Concrete Slab GS Blvd Herndon Canal Bridge	20	05-Nov-15	04-Dec-15
1A.4770	F/R/P Barriers & Median GS Blvd Herndon Canal Bridge	5	07-Dec-15	11-Dec-15
1A.4700	Demo Existing GS Blvd Herndon Canal Bridge	5	08-Sep-16	14-Sep-16
1A.1200	Construct ML Herndon Canal Bridge	63	08-Sep-16	07-Dec-16
1A.4780	Install 3' Dia Piles ML Herndon Canal Bridge	16	15-Sep-16	06-Oct-16
1A.4710	F/R/P Abutments ML Herndon Canal Bridge	20	27-Sep-16	24-Oct-16
1A.4720	F/R/P Concrete Slab ML Herndon Canal Bridge	25	25-Oct-16	30-Nov-16
1A.4730	F/R/P Barriers ML Herndon Canal Bridge	5	01-Dec-16	07-Dec-16
Sta 10593+01 to 10628+89 - At Grade 3,588 LF		782	04-Dec-13	10-Jan-17
1A.1195	Demolition - Herndon Canal to Shaw Ave	90	04-Dec-13	14-Apr-14
1A.6110	Utility Relocation - Herndon Canal to Shaw Ave	90	19-Feb-14	25-Jun-14
1A.1205	Construct Golden State Blvd - Herndon Canal to Shaw Ave	90	26-Jun-14	31-Oct-14
1A.1210	Earthwork At-Grade Track Sta 10593+01 to 10628+89 (3,588 LF) (Sha	17	08-Dec-16	03-Jan-17
1A.6390	Place Cement Treated Soil At-Grade Track Sta 10593+01 to 10628+89	5	04-Jan-17	10-Jan-17
Sta 10628+89 - W. Shaw Avenue O/C		349	07-Apr-14	21-Aug-15
1A.6120	Relocate Utilities @ Shaw Avenue	100	07-Apr-14	26-Aug-14
1A.1800	Construct Temporary Pavement @ North Side of Shaw Avenue	15	02-Sep-14	22-Sep-14
1A.1805	Construct West Shaw Avenue Overcrossing	226	02-Sep-14	24-Jul-15
1A.1870	Shift Traffic to Temporary Pavement @ North Side of Shaw Avenue	2	23-Sep-14	24-Sep-14
1A.1895	Install Abutment CIDH Piles @ South Half of Shaw Avenue O/C	10	25-Sep-14	08-Oct-14
1A.1890	Construct/Fill Temporary Ramp Retaining Walls & MSE Walls@ South	28	09-Oct-14	17-Nov-14
1A.1880	Install 7'-0" CIDH Piles Between Abutments @ South Half of Shaw Aven	15	29-Oct-14	18-Nov-14
1A.1910	Construct Bridge Abutments @ South Half of Shaw Avenue O/C	30	18-Nov-14	02-Jan-15
1A.1920	F/R/P Bridge Columns @ South Half of Shaw Avenue O/C	24	19-Nov-14	24-Dec-14
1A.1930	F/R/P Bentcaps @ South Half of Shaw Avenue O/C	30	26-Dec-14	09-Feb-15
1A.1900	Backfill Abutments @ South Half of Shaw Avenue O/C	10	05-Jan-15	16-Jan-15
1A.1940	Erect Span 1 Precast Girders @ South Half of Shaw Avenue O/C	1	10-Feb-15	10-Feb-15
1A.1950	Erect Span 2 Precast Girders @ South Half of Shaw Avenue O/C	1	11-Feb-15	11-Feb-15
1A.1960	Erect Span 3 Precast Girders @ South Half of Shaw Avenue O/C	1	12-Feb-15	12-Feb-15
1A.1970	Erect Span 4 Precast Girders @ South Half of Shaw Avenue O/C	1	13-Feb-15	13-Feb-15
1A.1980	F/R/P Pavement, Barriers,Sidewalks @ South Half of Shaw Avenue O/C	20	17-Feb-15	16-Mar-15
1A.1990	Shift Traffic to South Side of Shaw Avenue O/C	2	17-Mar-15	18-Mar-15
1A.2000	Install 7'-0" CIDH Piles Between Abutments @ North Half of Shaw Aven	15	19-Mar-15	08-Apr-15
1A.2025	Install Abutment CIDH Piles @ North Half of Shaw Avenue O/C	18	19-Mar-15	13-Apr-15
1A.2040	F/R/P Bridge Columns @ North Half of Shaw Avenue O/C	24	09-Apr-15	12-May-15
1A.2020	Construct/Filll MSE Ramp Walls @ North Half of Shaw Avenue O/C	28	14-Apr-15	21-May-15
1A.2045	F/R/P Bentcaps @ NorthHalf of Shaw Avenue O/C	30	13-May-15	24-Jun-15
1A.2030	Construct Bridge Abutments @ North Half of Shaw Avenue O/C	30	22-May-15	06-Jul-15
1A.2035	Backfill Abutments @ North Half of Shaw Avenue O/C	10	07-Jul-15	20-Jul-15
1A.2050	Erect Span 1 Precast Girders @ North Half of Shaw Avenue O/C	1	21-Jul-15	21-Jul-15
1A.2060	Erect Span 2 Precast Girders @ North Half of Shaw Avenue O/C	1	22-Jul-15	22-Jul-15



Remaining Level of Effort
Remaining Work
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California HSR Authority

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Proposal Schedule

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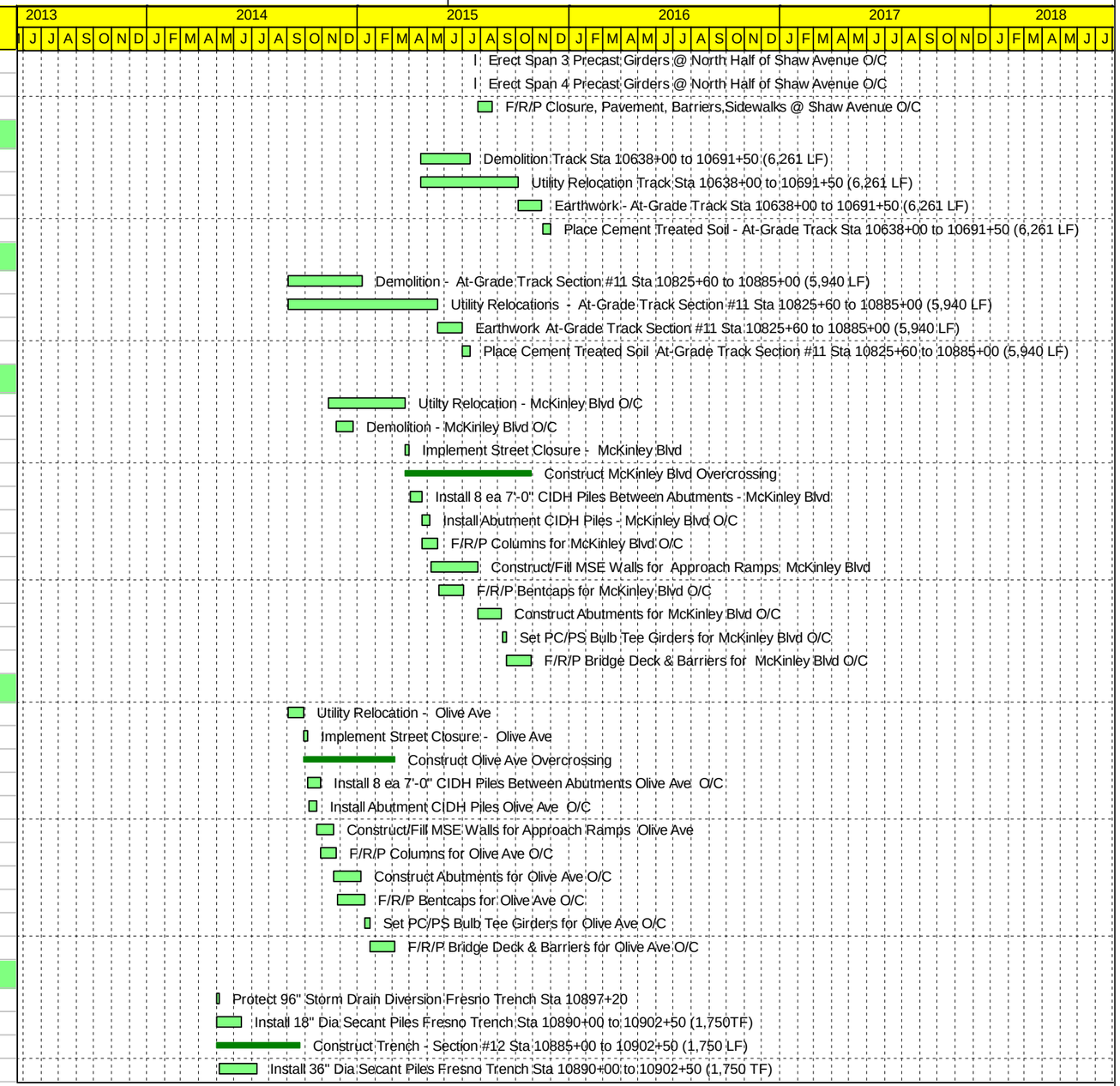
Activity ID	Activity Name	Original Duration	Start	Finish
1A.2070	Erect Span 3 Precast Girders @ North Half of Shaw Avenue O/C	1	23-Jul-15	23-Jul-15
1A.2080	Erect Span 4 Precast Girders @ North Half of Shaw Avenue O/C	1	24-Jul-15	24-Jul-15
1A.2100	F/R/P Closure, Pavement, Barriers,Sidewalks @ Shaw Avenue O/C	20	27-Jul-15	21-Aug-15
Sta 10628+89 to 10691+50 - At Grade 6,261 LF		158	20-Apr-15	01-Dec-15
1A.6130	Demolition Track Sta 10638+00 to 10691+50 (6,261 LF)	60	20-Apr-15	14-Jul-15
1A.6140	Utility Relocation Track Sta 10638+00 to 10691+50 (6,261 LF)	120	20-Apr-15	06-Oct-15
1A.1240	Earthwork - At-Grade Track Sta 10638+00 to 10691+50 (6,261 LF)	29	07-Oct-15	16-Nov-15
1A.6400	Place Cement Treated Soil - At-Grade Track Sta 10638+00 to 10691+5(	9	17-Nov-15	01-Dec-15
Sta 10825+60 to 10885+00 - At Grade 5,940 LF		219	02-Sep-14	15-Jul-15
1A.6150	Demolition - At-Grade Track Section #11 Sta 10825+60 to 10885+00 (5	90	02-Sep-14	09-Jan-15
1A.6160	Utility Relocations - At-Grade Track Section #11 Sta 10825+60 to 1088	180	02-Sep-14	19-May-15
1A.3310	Earthwork At-Grade Track Section #11 Sta 10825+60 to 10885+00 (5,9	30	20-May-15	01-Jul-15
1A.6410	Place Cement Treated Soil At-Grade Track Section #11 Sta 10825+60 t	9	02-Jul-15	15-Jul-15
Sta 10841+02 - Mckinley Ave O/C		243	11-Nov-14	27-Oct-15
1A.6180	Utilty Relocation - McKinley Blvd O/C	90	11-Nov-14	24-Mar-15
1A.6170	Demolition - McKinley Blvd O/C	20	25-Nov-14	24-Dec-14
1A.2800	Implement Street Closure - McKinley Blvd	5	25-Mar-15	31-Mar-15
1A.2790	Construct McKinley Blvd Overcrossing	153	25-Mar-15	27-Oct-15
1A.2810	Install 8 ea 7'-0" CIDH Piles Between Abutments - McKinley Blvd	16	01-Apr-15	22-Apr-15
1A.2850	Install Abutment CIDH Piles - McKinley Blvd O/C	10	23-Apr-15	06-May-15
1A.2860	F/R/P Columns for McKinley Blvd O/C	20	23-Apr-15	20-May-15
1A.2830	Construct/Fill MSE Walls for Approach Ramps McKinley Blvd	56	07-May-15	27-Jul-15
1A.2870	F/R/P Bentcaps for McKinley Blvd O/C	30	21-May-15	02-Jul-15
1A.2840	Construct Abutments for McKinley Blvd O/C	30	28-Jul-15	07-Sep-15
1A.2880	Set PC/PS Bulb Tee Girders for McKinley Blvd O/C	6	08-Sep-15	15-Sep-15
1A.2890	F/R/P Bridge Deck & Barriers for McKinley Blvd O/C	30	16-Sep-15	27-Oct-15
Sta 10875+89 - Olive Ave O/C		127	02-Sep-14	05-Mar-15
1A.6190	Utility Relocation - Olive Ave	20	02-Sep-14	29-Sep-14
1A.4880	Implement Street Closure - Olive Ave	5	30-Sep-14	06-Oct-14
1A.4890	Construct Olive Ave Overcrossing	107	30-Sep-14	05-Mar-15
1A.4920	Install 8 ea 7'-0" CIDH Piles Between Abutments Olive Ave O/C	16	07-Oct-14	28-Oct-14
1A.4935	Install Abutment CIDH Piles Olive Ave O/C	10	09-Oct-14	22-Oct-14
1A.4930	Construct/Fill MSE Walls for Approach Ramps Olive Ave	20	23-Oct-14	19-Nov-14
1A.4940	F/R/P Columns for Olive Ave O/C	20	29-Oct-14	25-Nov-14
1A.4960	Construct Abutments for Olive Ave O/C	30	20-Nov-14	06-Jan-15
1A.4950	F/R/P Bentcaps for Olive Ave O/C	30	26-Nov-14	12-Jan-15
1A.4970	Set PC/PS Bulb Tee Girders for Olive Ave O/C	6	13-Jan-15	21-Jan-15
1A.4980	F/R/P Bridge Deck & Barriers for Olive Ave O/C	30	22-Jan-15	05-Mar-15
Sta 10885+00 to 10902+50 -Trench 1,750 LF		99	02-May-14	22-Sep-14
1A.5540	Protect 96" Storm Drain Diversion Fresno Trench Sta 10897+20	3	02-May-14	06-May-14
1A.5260	Install 18" Dia Secant Piles Fresno Trench Sta 10890+00 to 10902+50 (	29	02-May-14	12-Jun-14
1A.1290	Construct Trench - Section #12 Sta 10885+00 to 10902+50 (1,750 LF)	99	02-May-14	22-Sep-14
1A.5270	Install 36" Dia Secant Piles Fresno Trench Sta 10890+00 to 10902+50 (	44	07-May-14	09-Jul-14



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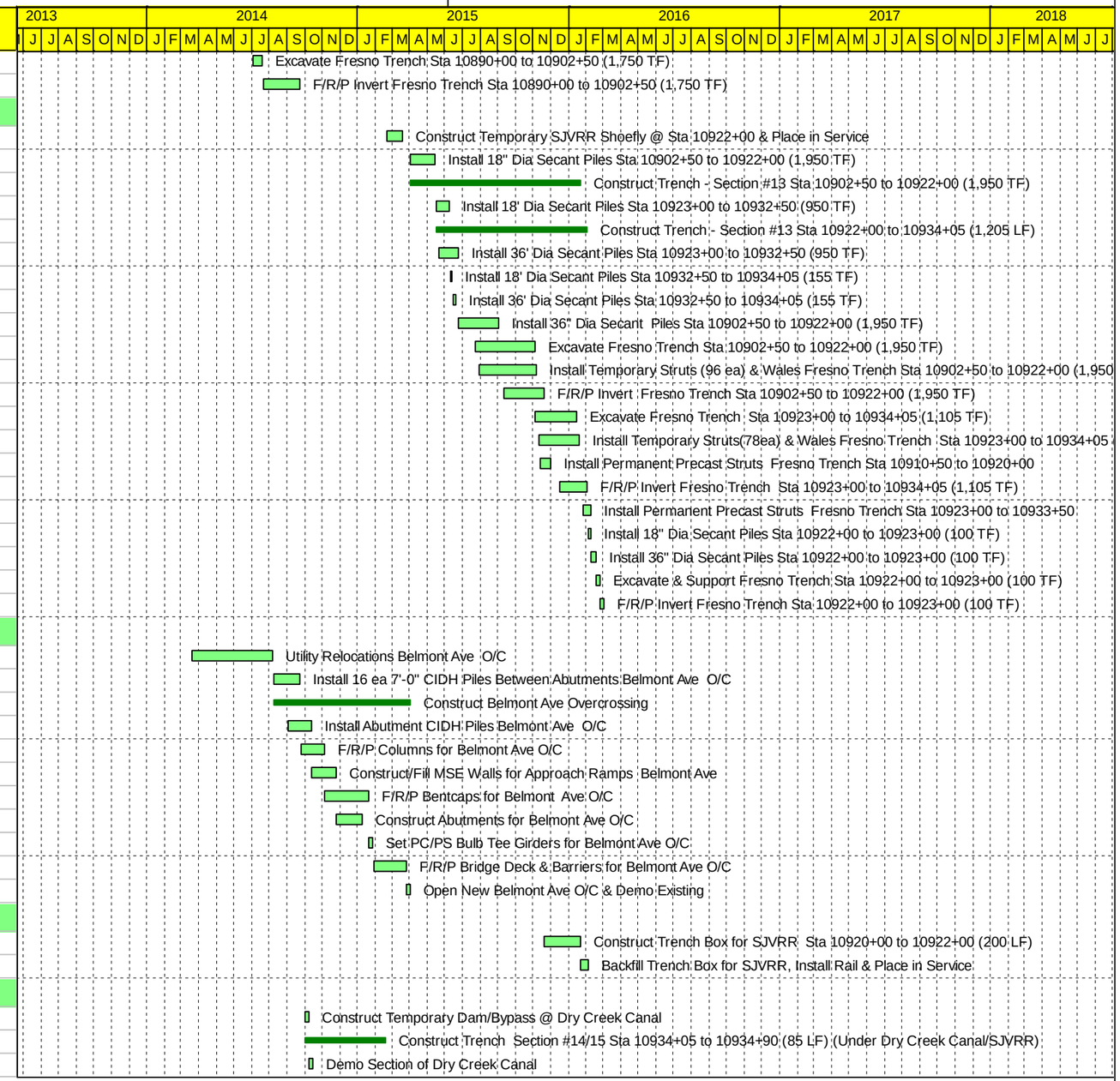
Activity ID	Activity Name	Original Duration	Start	Finish
1A.5880	Excavate Fresno Trench Sta 10890+00 to 10902+50 (1,750 TF)	11	03-Jul-14	18-Jul-14
1A.5890	F/R/P Invert Fresno Trench Sta 10890+00 to 10902+50 (1,750 TF)	45	21-Jul-14	22-Sep-14
Sta 10902+50 to 10934+05 - Trench 3,155 LF		261	20-Feb-15	02-Mar-16
1A.5550	Construct Temporary SJVRR Shoefly @ Sta 10922+00 & Place in Servi	20	20-Feb-15	19-Mar-15
1A.5560	Install 18" Dia Secant Piles Sta 10902+50 to 10922+00 (1,950 TF)	32	02-Apr-15	15-May-15
1A.1300	Construct Trench - Section #13 Sta 10902+50 to 10922+00 (1,950 TF)	204	02-Apr-15	21-Jan-16
1A.5610	Install 18' Dia Secant Piles Sta 10923+00 to 10932+50 (950 TF)	16	18-May-15	09-Jun-15
1A.3390	Construct Trench - Section #13 Sta 10922+00 to 10934+05 (1,205 LF)	180	18-May-15	02-Feb-16
1A.5620	Install 36' Dia Secant Piles Sta 10923+00 to 10932+50 (950 TF)	24	21-May-15	24-Jun-15
1A.5860	Install 18' Dia Secant Piles Sta 10932+50 to 10934+05 (155 TF)	3	10-Jun-15	12-Jun-15
1A.5870	Install 36' Dia Secant Piles Sta 10932+50 to 10934+05 (155 TF)	5	15-Jun-15	19-Jun-15
1A.5570	Install 36" Dia Secant Piles Sta 10902+50 to 10922+00 (1,950 TF)	49	25-Jun-15	02-Sep-15
1A.5900	Excavate Fresno Trench Sta 10902+50 to 10922+00 (1,950 TF)	73	24-Jul-15	03-Nov-15
1A.5910	Install Temporary Struts (96 ea) & Wales Fresno Trench Sta 10902+50	70	31-Jul-15	05-Nov-15
1A.5920	F/R/P Invert Fresno Trench Sta 10902+50 to 10922+00 (1,950 TF)	50	11-Sep-15	19-Nov-15
1A.5930	Excavate Fresno Trench Sta 10923+00 to 10934+05 (1,105 TF)	48	04-Nov-15	14-Jan-16
1A.5940	Install Temporary Struts(78ea) & Wales Fresno Trench Sta 10923+00 t	45	11-Nov-15	19-Jan-16
1A.6420	Install Permanent Precast Struts Fresno Trench Sta 10910+50 to 1092	10	13-Nov-15	30-Nov-15
1A.5950	F/R/P Invert Fresno Trench Sta 10923+00 to 10934+05 (1,105 TF)	30	18-Dec-15	02-Feb-16
1A.6430	Install Permanent Precast Struts Fresno Trench Sta 10923+00 to 1093	10	27-Jan-16	09-Feb-16
1A.5960	Install 18" Dia Secant Piles Sta 10922+00 to 10923+00 (100 TF)	3	05-Feb-16	09-Feb-16
1A.5970	Install 36" Dia Secant Piles Sta 10922+00 to 10923+00 (100 TF)	5	10-Feb-16	17-Feb-16
1A.5980	Excavate & Support Fresno Trench Sta 10922+00 to 10923+00 (100 TF	5	18-Feb-16	24-Feb-16
1A.5990	F/R/P Invert Fresno Trench Sta 10922+00 to 10923+00 (100 TF)	5	25-Feb-16	02-Mar-16
Sta 10910+92 - E. Belmont Avenue O/C		262	19-Mar-14	01-Apr-15
1A.6200	Utility Relocations Belmont Ave O/C	100	19-Mar-14	07-Aug-14
1A.5010	Install 16 ea 7'-0" CIDH Piles Between Abutments Belmont Ave O/C	32	08-Aug-14	23-Sep-14
1A.5000	Construct Belmont Ave Overcrossing	162	08-Aug-14	01-Apr-15
1A.5040	Install Abutment CIDH Piles Belmont Ave O/C	30	02-Sep-14	13-Oct-14
1A.5030	F/R/P Columns for Belmont Ave O/C	30	24-Sep-14	04-Nov-14
1A.5020	Construct/Fill MSE Walls for Approach Ramps Belmont Ave	30	14-Oct-14	24-Nov-14
1A.5050	F/R/P Bentcaps for Belmont Ave O/C	50	05-Nov-14	20-Jan-15
1A.5060	Construct Abutments for Belmont Ave O/C	30	25-Nov-14	09-Jan-15
1A.5070	Set PC/PS Bulb Tee Girders for Belmont Ave O/C	5	21-Jan-15	27-Jan-15
1A.5080	F/R/P Bridge Deck & Barriers for Belmont Ave O/C	40	28-Jan-15	25-Mar-15
1A.5280	Open New Belmont Ave O/C & Demo Existing	5	26-Mar-15	01-Apr-15
Sta 10921+00 - Trench/BOX - SJVRR		50	20-Nov-15	04-Feb-16
1A.3400	Construct Trench Box for SJVRR Sta 10920+00 to 10922+00 (200 LF)	40	20-Nov-15	21-Jan-16
1A.5600	Backfill Trench Box for SJVRR, Install Rail & Place in Service	10	22-Jan-16	04-Feb-16
Sta 10934+05 to 10934+90 - BOX 85 LF - Dry Canal		96	01-Oct-14	19-Feb-15
1A.5615	Construct Temporary Dam/Bypass @ Dry Creek Canal	5	01-Oct-14	07-Oct-14
1A.5630	Construct Trench Section #14/15 Sta 10934+05 to 10934+90 (85 LF) (	96	01-Oct-14	19-Feb-15
1A.5640	Demo Section of Dry Creek Canal	5	08-Oct-14	14-Oct-14



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Activity ID	Activity Name	Original Duration	Start	Finish
1A.5650	Install 18" Secant Piles Sta 10934+05 to 10937+10 (305 TF)	5	15-Oct-14	21-Oct-14
1A.5660	Install 36" Secant Piles Sta 10934+05 to 10937+10 (305 TF)	8	20-Oct-14	29-Oct-14
1A.5670	Excavate for Dry Canal Box	10	30-Oct-14	12-Nov-14
1A.5680	Construct Dry Canal Box	35	13-Nov-14	06-Jan-15
1A.5700	Backfill Dry Canal Box	5	14-Jan-15	21-Jan-15
1A.5710	Reconstruct Dry Canal Channel Structure	20	22-Jan-15	19-Feb-15
Sta 10934+90 to 10937+05 - BOX 165 LF - SJVRR		501	23-Dec-13	16-Dec-15
1A.5575	Procure Material Temporary RR Bridge over Dry Creek for SJV RR Sh	60	23-Dec-13	20-Mar-14
1A.5580	Construct Temporary RR Bridge over Dry Creek for SJV RR Shoefly	30	21-Mar-14	01-May-14
1A.5590	Construct SJV RR Shoefly @ 10932+50 & Place in Service	20	02-May-14	30-May-14
1A.1320	Excavate for SJVRR Box	10	13-Nov-14	26-Nov-14
1A.5690	Construct SJVRR Box	30	01-Dec-14	13-Jan-15
1A.5830	Backfill SJVRR Box & Reinstall Rail	20	14-Jan-15	11-Feb-15
1A.5850	Return Rail Traffic to Permanent Rail Over Dry Canal	5	12-Feb-15	19-Feb-15
1A.6440	Install Permanent Precast Struts Sta 10935+00 to 10936+50	5	03-Nov-15	09-Nov-15
1A.5840	Construct Covered Structure to Jacked Box	30	03-Nov-15	16-Dec-15
Sta 10936+55 to 10940+15 - BOX 360 LF - SR-180		200	22-Jan-15	02-Nov-15
1A.5785	Mobilize Material & Equipment For Jacking - CIP Concrete Box	40	22-Jan-15	19-Mar-15
1A.5780	F/R/P - CIP Concrete Box Inverts	45	22-Jan-15	26-Mar-15
1A.1330	Construct Trench Section #16 Sta 10936+55 to 10940+15 (360 LF) (Un	200	22-Jan-15	02-Nov-15
1A.6060	F/R/P - CIP Concrete Box Walls	45	20-Feb-15	23-Apr-15
1A.6070	F/R/P - CIP Concrete Box Lids	50	20-Mar-15	29-May-15
1A.5790	Setup Box, Canopy Support & Equipment For Jacking - CIP Concrete E	70	20-Mar-15	26-Jun-15
1A.6050	Install CIP Concrete Box Cutter Heads	20	01-Jun-15	26-Jun-15
1A.5800	Jack - CIP Concrete Box Under SR-180	90	29-Jun-15	02-Nov-15
Sta 10940+15 to 10951+00 - Trench 1,085 LF		168	03-Jun-14	02-Feb-15
1A.6210	Utility Relocations Sta 10940+15 to 10951+00 (1,085 LF)	90	03-Jun-14	08-Oct-14
1A.5730	Install 18" Secant Piles Sta 10940+15 to 10951+00 (1,085 LF)	18	09-Oct-14	03-Nov-14
1A.1340	Construct Trench - Section #13 Sta 10940+15 to 10951+00 (1,085 LF)	78	09-Oct-14	02-Feb-15
1A.5740	Install 36" Secant Piles Sta 10940+15 to 10951+00 (1,085 LF)	27	14-Oct-14	19-Nov-14
1A.6000	Excavate Fresno Trench Sta 10940+15 to 10951+00 (1,085 LF)	31	04-Nov-14	18-Dec-14
1A.5750	Excavate/Support Braced Structure/Jacking Pit - Sta 10940+15 to 104	10	20-Nov-14	05-Dec-14
1A.6010	Install Struts (78ea) & Wales Fresno Trench Sta 10940+15 to 10951+0	20	04-Dec-14	02-Jan-15
1A.5760	F/R/P Jacking Slab Braced Structure/Jacking Pit - Sta 10940+15 to 10	20	08-Dec-14	06-Jan-15
1A.6020	F/R/P Invert Fresno Trench Sta 10940+15 to 10951+00 (1,085 LF)	30	18-Dec-14	02-Feb-15
1A.5770	Install Precast Struts - Braced Structure/Jacking Pit - Sta 10940+15 to	10	07-Jan-15	21-Jan-15
Sta 10951+00 to 10970+00 - Trench 1,900 LF		83	17-Feb-15	12-Jun-15
1A.5810	Install 18" Dia Secant Piles Sta 10951+00 to 10970+00 (1,900 TF)	32	17-Feb-15	01-Apr-15
1A.1350	Construct Trench - Section #17 Sta 10951+00 to 10970+00 (1,900 LF)	83	17-Feb-15	12-Jun-15
1A.5820	Install 36" Dia Secant Piles Sta 10951+00 to 10970+00 (1,900 TF)	48	20-Feb-15	28-Apr-15
1A.6030	Excavate Fresno Trench Sta 10951+00 to 10970+00 (1,900 TF)	18	20-Mar-15	14-Apr-15
1A.6040	F/R/P Invert Fresno Trench Sta 10951+00 to 10970+00 (1,900 TF)	50	03-Apr-15	12-Jun-15
Sta 11020+89 - UPRR over Ventura St		60	11-Jun-15	09-Aug-15

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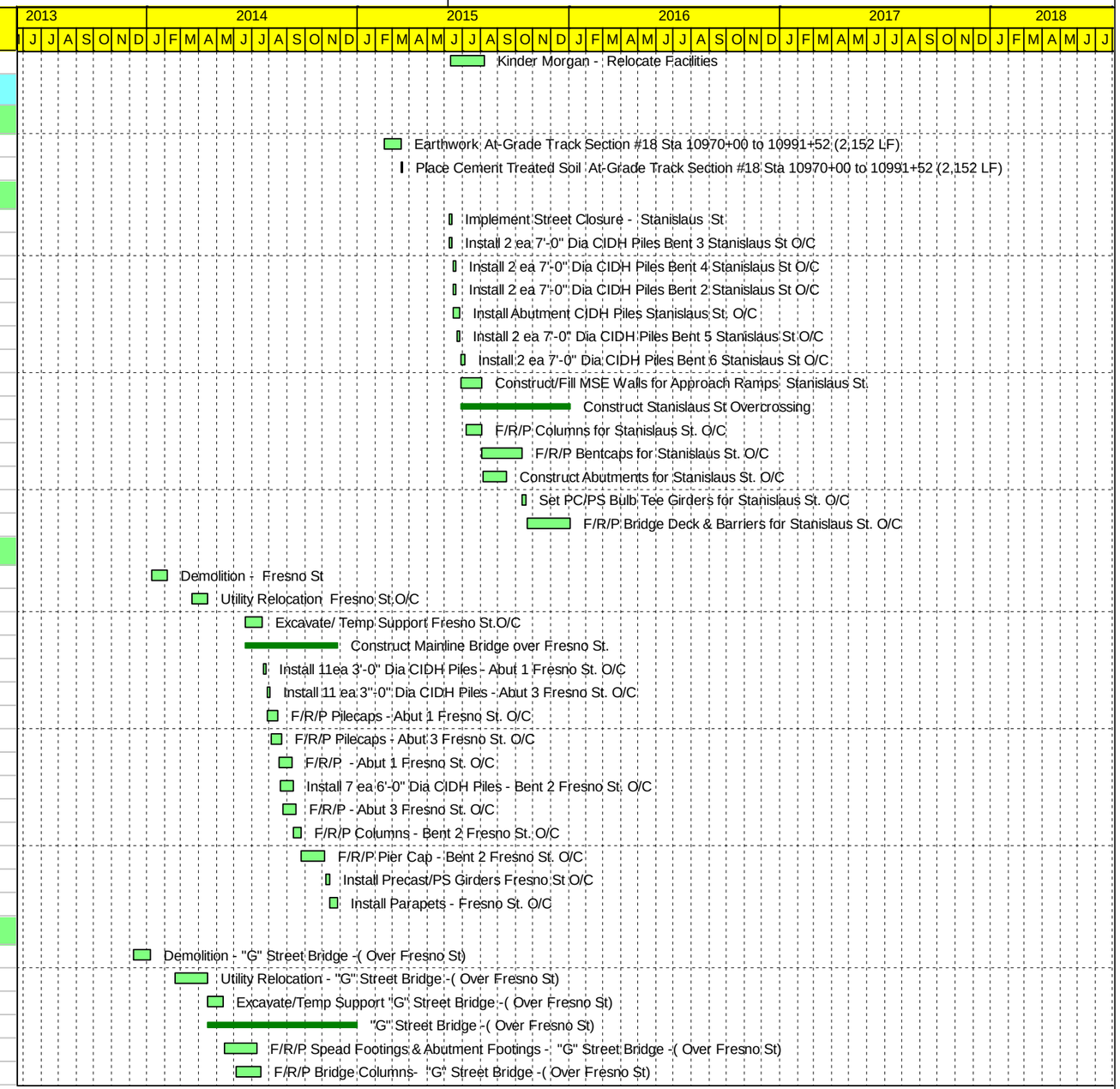
Activity ID	Activity Name	Original Duration	Start	Finish
1B.3110	Kinder Morgan - Relocate Facilities	60	11-Jun-15	09-Aug-15
Construction Package 1B		646	09-Dec-13	29-Jun-16
Sta 10970+00 to 10991+52 - At Grade 2,152 LF		23	17-Feb-15	19-Mar-15
1B.1360	Earthwork At-Grade Track Section #18 Sta 10970+00 to 10991+52 (2,1	20	17-Feb-15	16-Mar-15
1B.6400	Place Cement Treated Soil At-Grade Track Section #18 Sta 10970+00 t	3	17-Mar-15	19-Mar-15
Sta 10977+48 - Stanislaus O/C		146	08-Jun-15	04-Jan-16
1B.5090	Implement Street Closure - Stanislaus St	5	08-Jun-15	12-Jun-15
1B.5220	Install 2 ea 7'-0" Dia CIDH Piles Bent 3 Stanislaus St O/C	5	08-Jun-15	12-Jun-15
1B.5230	Install 2 ea 7'-0" Dia CIDH Piles Bent 4 Stanislaus St O/C	5	15-Jun-15	19-Jun-15
1B.5120	Install 2 ea 7'-0" Dia CIDH Piles Bent 2 Stanislaus St O/C	5	15-Jun-15	19-Jun-15
1B.5130	Install Abutment CIDH Piles Stanislaus St. O/C	10	15-Jun-15	26-Jun-15
1B.5240	Install 2 ea 7'-0" Dia CIDH Piles Bent 5 Stanislaus St O/C	5	22-Jun-15	26-Jun-15
1B.5250	Install 2 ea 7'-0" Dia CIDH Piles Bent 6 Stanislaus St O/C	5	29-Jun-15	06-Jul-15
1B.5110	Construct/Fill MSE Walls for Approach Ramps Stanislaus St.	26	29-Jun-15	04-Aug-15
1B.5100	Construct Stanislaus St Overcrossing	131	29-Jun-15	04-Jan-16
1B.5140	F/R/P Columns for Stanislaus St. O/C	20	07-Jul-15	03-Aug-15
1B.5160	F/R/P Bentcaps for Stanislaus St. O/C	50	04-Aug-15	12-Oct-15
1B.5150	Construct Abutments for Stanislaus St. O/C	30	05-Aug-15	15-Sep-15
1B.5170	Set PC/PS Bulb Tee Girders for Stanislaus St. O/C	6	13-Oct-15	20-Oct-15
1B.5180	F/R/P Bridge Deck & Barriers for Stanislaus St. O/C	50	21-Oct-15	04-Jan-16
Sta 10991+52 to 10992+67 - Fresno St ML 115 LF		226	08-Jan-14	26-Nov-14
1B.6430	Demolition - Fresno St	20	08-Jan-14	05-Feb-14
1B.6370	Utility Relocation Fresno St.O/C	20	19-Mar-14	15-Apr-14
1B.5970	Excavate/ Temp Support Fresno St.O/C	20	20-Jun-14	18-Jul-14
1B.5980	Construct Mainline Bridge over Fresno St.	112	20-Jun-14	26-Nov-14
1B.5990	Install 11ea 3'-0" Dia CIDH Piles - Abut 1 Fresno St. O/C	5	21-Jul-14	25-Jul-14
1B.6000	Install 11 ea 3"-0" Dia CIDH Piles - Abut 3 Fresno St. O/C	5	28-Jul-14	01-Aug-14
1B.6010	F/R/P Pilecaps - Abut 1 Fresno St. O/C	15	28-Jul-14	15-Aug-14
1B.6020	F/R/P Pilecaps - Abut 3 Fresno St. O/C	15	04-Aug-14	22-Aug-14
1B.6040	F/R/P - Abut 1 Fresno St. O/C	15	18-Aug-14	08-Sep-14
1B.6030	Install 7 ea 6'-0" Dia CIDH Piles - Bent 2 Fresno St. O/C	14	21-Aug-14	10-Sep-14
1B.6060	F/R/P - Abut 3 Fresno St. O/C	15	25-Aug-14	15-Sep-14
1B.6050	F/R/P Columns - Bent 2 Fresno St. O/C	10	11-Sep-14	24-Sep-14
1B.6070	F/R/P Pier Cap - Bent 2 Fresno St. O/C	30	25-Sep-14	05-Nov-14
1B.6080	Install Precast/PS Girders Fresno St O/C	5	06-Nov-14	12-Nov-14
1B.6090	Install Parapets - Fresno St. O/C	10	13-Nov-14	26-Nov-14
Sta 10992+00 - "G" St over Fresno St		268	09-Dec-13	31-Dec-14
1B.6420	Demolition - "G" Street Bridge -(Over Fresno St)	20	09-Dec-13	07-Jan-14
1B.6340	Utility Relocation - "G" Street Bridge -(Over Fresno St)	40	19-Feb-14	15-Apr-14
1B.6110	Excavate/Temp Support "G" Street Bridge -(Over Fresno St)	20	16-Apr-14	13-May-14
1B.1480	"G" Street Bridge -(Over Fresno St)	180	16-Apr-14	31-Dec-14
1B.6120	F/R/P Spead Footings & Abutment Footings - "G" Street Bridge -(Over	40	14-May-14	10-Jul-14
1B.6130	F/R/P Bridge Columns- "G" Street Bridge -(Over Fresno St)	30	05-Jun-14	17-Jul-14



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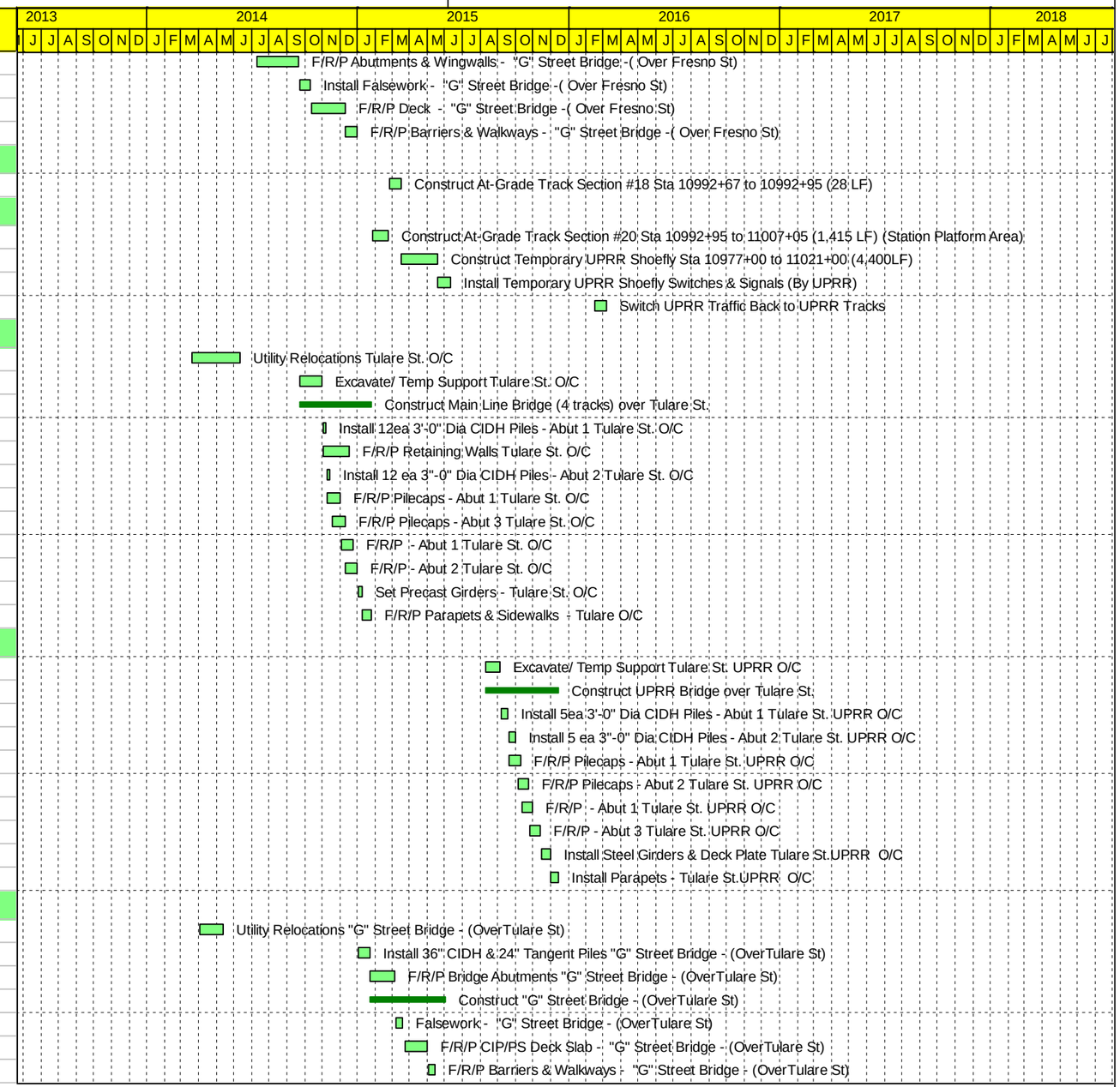
Activity ID	Activity Name	Original Duration	Start	Finish
1B.6160	F/R/P Abutments & Wingwalls - "G" Street Bridge -(Over Fresno St)	50	11-Jul-14	19-Sep-14
1B.6140	Install Falsework - "G" Street Bridge -(Over Fresno St)	15	22-Sep-14	10-Oct-14
1B.6150	F/R/P Deck - "G" Street Bridge -(Over Fresno St)	40	13-Oct-14	09-Dec-14
1B.6170	F/R/P Barriers & Walkways - "G" Street Bridge -(Over Fresno St)	15	10-Dec-14	31-Dec-14
Sta 10992+67 to 10992+95 - At Grade 28 LF		15	24-Feb-15	16-Mar-15
1B.1380	Construct At-Grade Track Section #18 Sta 10992+67 to 10992+95 (28 L	15	24-Feb-15	16-Mar-15
Sta 10992+95 to 11007+05 - At Grade 1,410 LF		282	26-Jan-15	07-Mar-16
1B.1390	Construct At-Grade Track Section #20 Sta 10992+95 to 11007+05 (1,41	20	26-Jan-15	23-Feb-15
1B.1490	Construct Temporary UPRR Shoefly Sta 10977+00 to 11021+00 (4,400	45	17-Mar-15	18-May-15
1B.1540	Install Temporary UPRR Shoefly Switches & Signals (By UPRR)	15	20-May-15	10-Jun-15
1B.1550	Switch UPRR Traffic Back to UPRR Tracks	15	16-Feb-16	07-Mar-16
Sta 1101+46 to 11002+05 - Tulare St ML 62LF		215	19-Mar-14	23-Jan-15
1B.6360	Utility Relocations Tulare St. O/C	60	19-Mar-14	11-Jun-14
1B.5330	Excavate/ Temp Support Tulare St. O/C	30	22-Sep-14	31-Oct-14
1B.1470	Construct Main Line Bridge (4 tracks) over Tulare St.	85	22-Sep-14	23-Jan-15
1B.5340	Install 12ea 3'-0" Dia CIDH Piles - Abut 1 Tulare St. O/C	5	03-Nov-14	07-Nov-14
1B.6100	F/R/P Retaining Walls Tulare St. O/C	30	03-Nov-14	16-Dec-14
1B.5360	Install 12 ea 3"-0" Dia CIDH Piles - Abut 2 Tulare St. O/C	5	10-Nov-14	14-Nov-14
1B.5370	F/R/P Pilecaps - Abut 1 Tulare St. O/C	15	10-Nov-14	02-Dec-14
1B.5380	F/R/P Pilecaps - Abut 3 Tulare St. O/C	15	17-Nov-14	09-Dec-14
1B.5400	F/R/P - Abut 1 Tulare St. O/C	15	03-Dec-14	23-Dec-14
1B.5410	F/R/P - Abut 2 Tulare St. O/C	15	10-Dec-14	31-Dec-14
1B.5430	Set Precast Girders - Tulare St. O/C	5	02-Jan-15	08-Jan-15
1B.5490	F/R/P Parapets & Sidewalks - Tulare O/C	10	09-Jan-15	23-Jan-15
Sta 11001+75 - UPRR over Tulare St		90	10-Aug-15	15-Dec-15
1B.5640	Excavate/ Temp Support Tulare St. UPRR O/C	20	10-Aug-15	04-Sep-15
1B.5650	Construct UPRR Bridge over Tulare St.	90	10-Aug-15	15-Dec-15
1B.5660	Install 5ea 3'-0" Dia CIDH Piles - Abut 1 Tulare St. UPRR O/C	10	07-Sep-15	18-Sep-15
1B.5670	Install 5 ea 3"-0" Dia CIDH Piles - Abut 2 Tulare St. UPRR O/C	10	21-Sep-15	02-Oct-15
1B.5680	F/R/P Pilecaps - Abut 1 Tulare St. UPRR O/C	15	21-Sep-15	09-Oct-15
1B.5690	F/R/P Pilecaps - Abut 2 Tulare St. UPRR O/C	15	05-Oct-15	23-Oct-15
1B.5710	F/R/P - Abut 1 Tulare St. UPRR O/C	15	12-Oct-15	30-Oct-15
1B.5730	F/R/P - Abut 3 Tulare St. UPRR O/C	15	26-Oct-15	13-Nov-15
1B.5750	Install Steel Girders & Deck Plate Tulare St.UPRR O/C	10	16-Nov-15	01-Dec-15
1B.5760	Install Parapets - Tulare St.UPRR O/C	10	02-Dec-15	15-Dec-15
Sta 11001+75 - "G" St over Tulare		294	02-Apr-14	01-Jun-15
1B.6350	Utility Relocations "G" Street Bridge - (OverTulare St)	30	02-Apr-14	13-May-14
1B.6180	Install 36" CIDH & 24" Tangent Piles "G" Street Bridge - (OverTulare St)	14	02-Jan-15	22-Jan-15
1B.6190	F/R/P Bridge Abutments "G" Street Bridge - (OverTulare St)	30	23-Jan-15	06-Mar-15
1B.1500	Construct "G" Street Bridge - (OverTulare St)	90	23-Jan-15	01-Jun-15
1B.6200	Falsework - "G" Street Bridge - (OverTulare St)	10	09-Mar-15	20-Mar-15
1B.6210	F/R/P CIP/PS Deck Slab - "G" Street Bridge - (OverTulare St)	30	23-Mar-15	01-May-15
1B.6220	F/R/P Barriers & Walkways - "G" Street Bridge - (OverTulare St)	10	04-May-15	15-May-15



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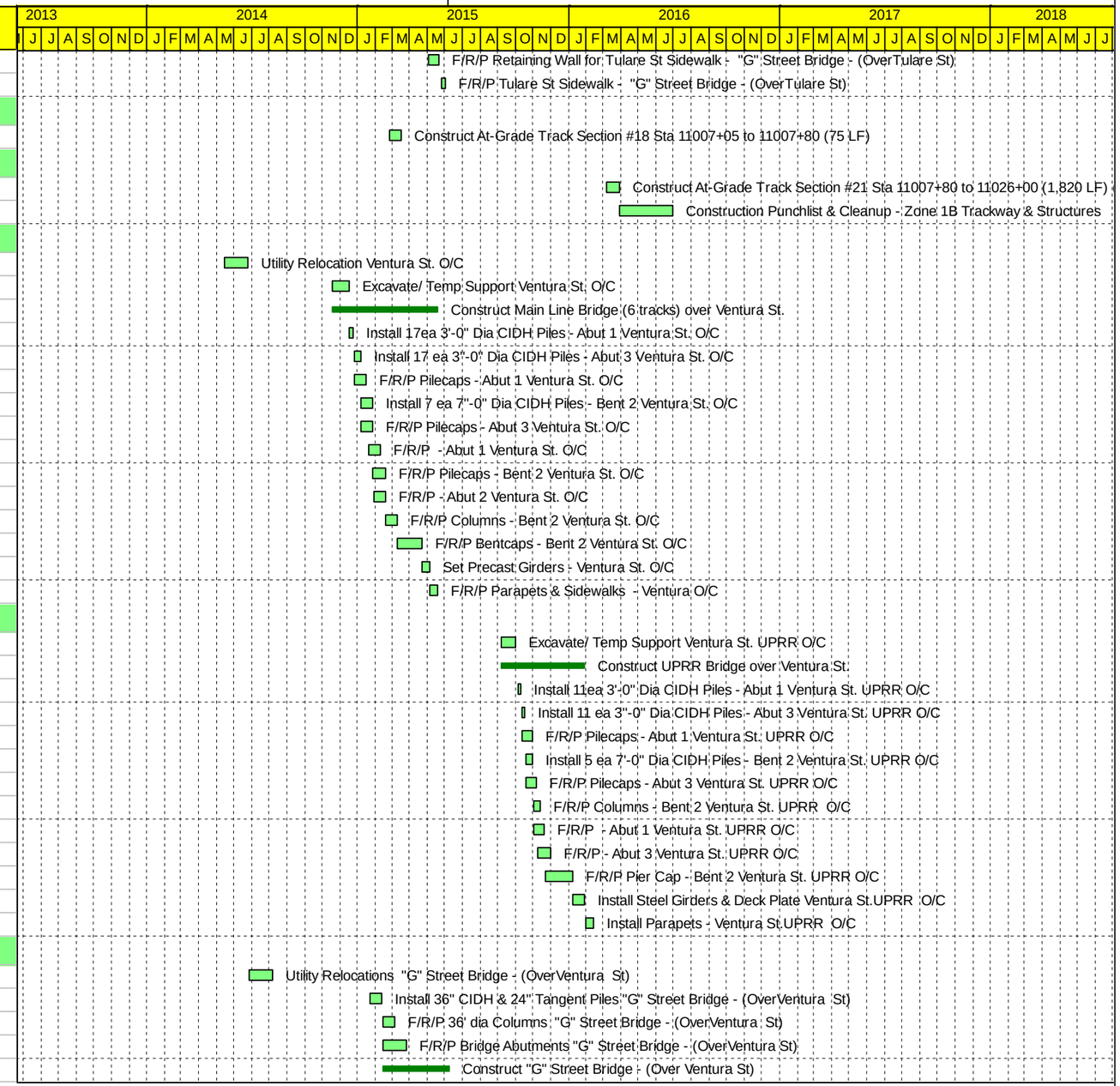
Activity ID	Activity Name	Original Duration	Start	Finish
1B.6230	F/R/P Retaining Wall for Tulare St Sidewalk - "G" Street Bridge - (Over	15	04-May-15	22-May-15
1B.6240	F/R/P Tulare St Sidewalk - "G" Street Bridge - (OverTulare St)	5	26-May-15	01-Jun-15
Sta 11007+05 to 11007+80 - At Grade 75 LF		15	24-Feb-15	16-Mar-15
1B.1400	Construct At-Grade Track Section #18 Sta 11007+05 to 11007+80 (75 L	15	24-Feb-15	16-Mar-15
Sta 11007+80 to 11026+00 - At Grade 1,820 LF		81	08-Mar-16	29-Jun-16
1B.1410	Construct At-Grade Track Section #21 Sta 11007+80 to 11026+00 (1,82	15	08-Mar-16	28-Mar-16
1B.6410	Construction Punchlist & Cleanup - Zone 1B Trackway & Structures	66	29-Mar-16	29-Jun-16
Sta 11020+89 - Ventura St Under ML		256	14-May-14	19-May-15
1B.6380	Utility Relocation Ventura St. O/C	30	14-May-14	25-Jun-14
1B.5780	Excavate/ Temp Support Ventura St. O/C	20	17-Nov-14	16-Dec-14
1B.5790	Construct Main Line Bridge (6 tracks) over Ventura St.	126	17-Nov-14	19-May-15
1B.5800	Install 17ea 3'-0" Dia CIDH Piles - Abut 1 Ventura St. O/C	6	17-Dec-14	24-Dec-14
1B.5810	Install 17 ea 3"-0" Dia CIDH Piles - Abut 3 Ventura St. O/C	6	26-Dec-14	05-Jan-15
1B.5820	F/R/P Pilecaps - Abut 1 Ventura St. O/C	15	26-Dec-14	16-Jan-15
1B.5930	Install 7 ea 7"-0" Dia CIDH Piles - Bent 2 Ventura St. O/C	14	06-Jan-15	26-Jan-15
1B.5830	F/R/P Pilecaps - Abut 3 Ventura St. O/C	15	06-Jan-15	27-Jan-15
1B.5840	F/R/P - Abut 1 Ventura St. O/C	15	20-Jan-15	09-Feb-15
1B.5940	F/R/P Pilecaps - Bent 2 Ventura St. O/C	15	27-Jan-15	17-Feb-15
1B.5850	F/R/P - Abut 2 Ventura St. O/C	15	28-Jan-15	18-Feb-15
1B.5950	F/R/P Columns - Bent 2 Ventura St. O/C	15	18-Feb-15	10-Mar-15
1B.5960	F/R/P Bentcaps - Bent 2 Ventura St. O/C	30	11-Mar-15	21-Apr-15
1B.5860	Set Precast Girders - Ventura St. O/C	10	22-Apr-15	05-May-15
1B.5920	F/R/P Parapets & Sidewalks - Ventura O/C	10	06-May-15	19-May-15
Sta 11020+89 - UPRR over Ventura St		110	07-Sep-15	12-Feb-16
1B.5510	Excavate/ Temp Support Ventura St. UPRR O/C	20	07-Sep-15	02-Oct-15
1B.5520	Construct UPRR Bridge over Ventura St.	100	07-Sep-15	29-Jan-16
1B.5530	Install 11ea 3'-0" Dia CIDH Piles - Abut 1 Ventura St. UPRR O/C	5	05-Oct-15	09-Oct-15
1B.5570	Install 11 ea 3"-0" Dia CIDH Piles - Abut 3 Ventura St. UPRR O/C	5	12-Oct-15	16-Oct-15
1B.5540	F/R/P Pilecaps - Abut 1 Ventura St. UPRR O/C	15	12-Oct-15	30-Oct-15
1B.5550	Install 5 ea 7'-0" Dia CIDH Piles - Bent 2 Ventura St. UPRR O/C	10	19-Oct-15	30-Oct-15
1B.5600	F/R/P Pilecaps - Abut 3 Ventura St. UPRR O/C	15	19-Oct-15	06-Nov-15
1B.5580	F/R/P Columns - Bent 2 Ventura St. UPRR O/C	10	02-Nov-15	13-Nov-15
1B.5560	F/R/P - Abut 1 Ventura St. UPRR O/C	15	02-Nov-15	20-Nov-15
1B.5610	F/R/P - Abut 3 Ventura St. UPRR O/C	15	09-Nov-15	01-Dec-15
1B.5590	F/R/P Pier Cap - Bent 2 Ventura St. UPRR O/C	30	23-Nov-15	07-Jan-16
1B.5620	Install Steel Girders & Deck Plate Ventura St.UPRR O/C	15	08-Jan-16	29-Jan-16
1B.5630	Install Parapets - Ventura St.UPRR O/C	10	01-Feb-16	12-Feb-16
Sta 11020+89 - "G" Street over Ventura St		239	26-Jun-14	08-Jun-15
1B.6390	Utility Relocations "G" Street Bridge - (OverVentura St)	30	26-Jun-14	07-Aug-14
1B.6250	Install 36" CIDH & 24" Tangent Piles "G" Street Bridge - (OverVentura S	15	23-Jan-15	12-Feb-15
1B.6330	F/R/P 36' dia Columns "G" Street Bridge - (OverVentura St)	15	13-Feb-15	06-Mar-15
1B.6270	F/R/P Bridge Abutments "G" Street Bridge - (OverVentura St)	30	13-Feb-15	27-Mar-15
1B.6260	Construct "G" Street Bridge - (Over Ventura St)	80	13-Feb-15	08-Jun-15



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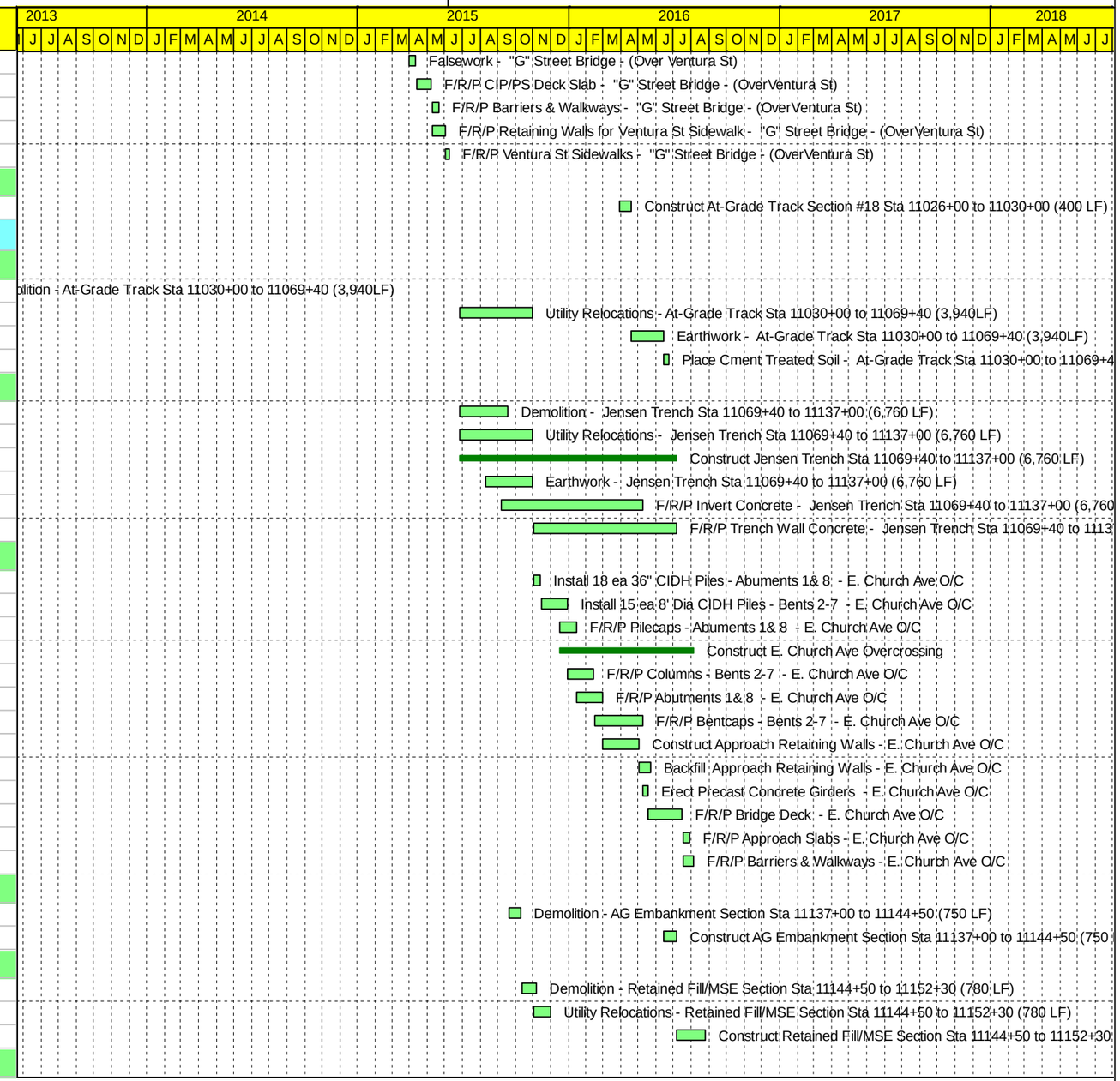
Activity ID	Activity Name	Original Duration	Start	Finish
1B.6280	Falsework - "G" Street Bridge - (Over Ventura St)	10	30-Mar-15	10-Apr-15
1B.6290	F/R/P CIP/PS Deck Slab - "G" Street Bridge - (OverVentura St)	20	13-Apr-15	08-May-15
1B.6300	F/R/P Barriers & Walkways - "G" Street Bridge - (OverVentura St)	10	11-May-15	22-May-15
1B.6310	F/R/P Retaining Walls for Ventura St Sidewalk - "G" Street Bridge - (Ov	15	11-May-15	01-Jun-15
1B.6320	F/R/P Ventura St Sidewalks - "G" Street Bridge - (OverVentura St)	5	02-Jun-15	08-Jun-15
Sta 11026+00 to 11030+00 - At Grade 400 LF		15	29-Mar-16	18-Apr-16
1B.1420	Construct At-Grade Track Section #18 Sta 11026+00 to 11030+00 (400	15	29-Mar-16	18-Apr-16
Construction Package 1C		1123	18-Jan-13	30-Jun-17
Sta 11030+00 to 11069+40 - At Grade 3,940 LF		865	18-Jan-13	22-Jun-16
1C.2280	Demolition - At-Grade Track Sta 11030+00 to 11069+40 (3,940LF)	30	18-Jan-13	04-Mar-13
1C.2270	Utility Relocations - At-Grade Track Sta 11030+00 to 11069+40 (3,940LI	90	26-Jun-15	30-Oct-15
1C.1430	Earthwork - At-Grade Track Sta 11030+00 to 11069+40 (3,940LF)	40	19-Apr-16	14-Jun-16
1C.2450	Place Cment Treated Soil - At-Grade Track Sta 11030+00 to 11069+40	6	15-Jun-16	22-Jun-16
Sta 11069+40 to 11137+00 - Jensen Trench - 6,760 LF		260	26-Jun-15	06-Jul-16
1C.2200	Demolition - Jensen Trench Sta 11069+40 to 11137+00 (6,760 LF)	60	26-Jun-15	18-Sep-15
1C.2290	Utility Relocations - Jensen Trench Sta 11069+40 to 11137+00 (6,760 L	90	26-Jun-15	30-Oct-15
1C.1440	Construct Jensen Trench Sta 11069+40 to 11137+00 (6,760 LF)	260	26-Jun-15	06-Jul-16
1C.2220	Earthwork - Jensen Trench Sta 11069+40 to 11137+00 (6,760 LF)	60	10-Aug-15	30-Oct-15
1C.2210	F/R/P Invert Concrete - Jensen Trench Sta 11069+40 to 11137+00 (6,7	170	07-Sep-15	09-May-16
1C.2230	F/R/P Trench Wall Concrete - Jensen Trench Sta 11069+40 to 11137+(	170	02-Nov-15	06-Jul-16
Sta 11086+00 - E. Church Ave O/C		192	02-Nov-15	05-Aug-16
1C.1790	Install 18 ea 36" CIDH Piles - Abuments 1& 8 - E. Church Ave O/C	10	02-Nov-15	13-Nov-15
1C.1800	Install 15 ea 8' Dia CIDH Piles - Bents 2-7 - E. Church Ave O/C	30	16-Nov-15	30-Dec-15
1C.1810	F/R/P Pilecaps - Abuments 1& 8 - E. Church Ave O/C	20	16-Dec-15	14-Jan-16
1C.1500	Construct E. Church Ave Overcrossing	162	16-Dec-15	05-Aug-16
1C.1830	F/R/P Columns - Bents 2-7 - E. Church Ave O/C	30	31-Dec-15	12-Feb-16
1C.1820	F/R/P Abutments 1& 8 - E. Church Ave O/C	30	15-Jan-16	29-Feb-16
1C.1840	F/R/P Bentcaps - Bents 2-7 - E. Church Ave O/C	60	16-Feb-16	09-May-16
1C.1880	Construct Approach Retaining Walls - E. Church Ave O/C	45	01-Mar-16	02-May-16
1C.1890	Backfill Approach Retaining Walls - E. Church Ave O/C	15	03-May-16	23-May-16
1C.1850	Erect Precast Concrete Girders - E. Church Ave O/C	7	10-May-16	18-May-16
1C.1860	F/R/P Bridge Deck - E. Church Ave O/C	40	19-May-16	15-Jul-16
1C.1900	F/R/P Approach Slabs - E. Church Ave O/C	10	18-Jul-16	29-Jul-16
1C.1870	F/R/P Barriers & Walkways - E. Church Ave O/C	15	18-Jul-16	05-Aug-16
Sta 11137+00 to 11144+50 - AG /Embankment 750LF		200	21-Sep-15	06-Jul-16
1C.2300	Demolition - AG Embankment Section Sta 11137+00 to 11144+50 (750 L	15	21-Sep-15	09-Oct-15
1C.1450	Construct AG Embankment Section Sta 11137+00 to 11144+50 (750 LF)	15	15-Jun-16	06-Jul-16
Sta 11144+50 to 11152+30 - MSE/Fill 780 LF		220	12-Oct-15	24-Aug-16
1C.2310	Demolition - Retained Fill/MSE Section Sta 11144+50 to 11152+30 (780	20	12-Oct-15	06-Nov-15
1C.2320	Utility Relocations - Retained Fill/MSE Section Sta 11144+50 to 11152+3	20	02-Nov-15	01-Dec-15
1C.1455	Construct Retained Fill/MSE Section Sta 11144+50 to 11152+30 (780 LF	35	07-Jul-16	24-Aug-16
Sta 11152+30 to 11155+45 - Fresno Viaduct Truss 315 LF		522	29-Sep-14	20-Oct-16



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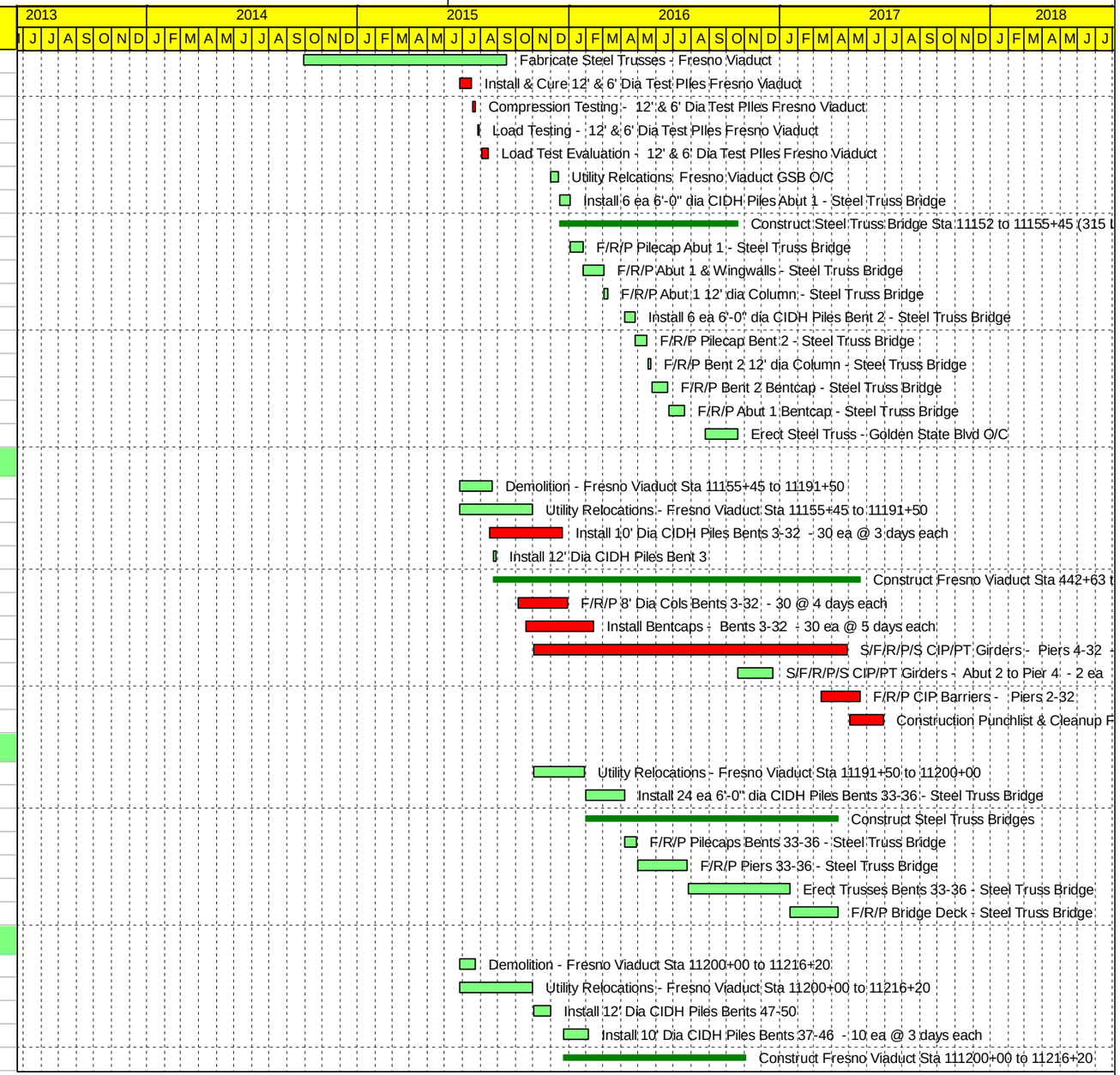
Activity ID	Activity Name	Original Duration	Start	Finish
1C.1655	Fabricate Steel Trusses - Fresno Viaduct	245	29-Sep-14	16-Sep-15
1C.0105	Install & Cure 12' & 6' Dia Test PIles Fresno Viaduct	15	26-Jun-15	17-Jul-15
1C.0115	Compression Testing - 12' & 6' Dia Test PIles Fresno Viaduct	5	20-Jul-15	24-Jul-15
1C.0125	Load Testing - 12' & 6' Dia Test PIles Fresno Viaduct	5	27-Jul-15	31-Jul-15
1C.0135	Load Test Evaluation - 12' & 6' Dia Test PIles Fresno Viaduct	10	03-Aug-15	14-Aug-15
1C.2330	Utility Relcations Fresno Viaduct GSB O/C	10	02-Dec-15	15-Dec-15
1C.1530	Install 6 ea 6'-0" dia CIDH Piles Abut 1 - Steel Truss Bridge	12	16-Dec-15	04-Jan-16
1C.1460	Construct Steel Truss Bridge Sta 11152 to 11155+45 (315 LF)	215	16-Dec-15	20-Oct-16
1C.1540	F/R/P Pilecap Abut 1 - Steel Truss Bridge	15	05-Jan-16	26-Jan-16
1C.1550	F/R/P Abut 1 & Wingwalls - Steel Truss Bridge	25	27-Jan-16	02-Mar-16
1C.1560	F/R/P Abut 1 12' dia Column - Steel Truss Bridge	5	03-Mar-16	09-Mar-16
1C.1580	Install 6 ea 6'-0" dia CIDH Piles Bent 2 - Steel Truss Bridge	12	08-Apr-16	25-Apr-16
1C.1590	F/R/P Pilecap Bent 2 - Steel Truss Bridge	15	26-Apr-16	16-May-16
1C.1610	F/R/P Bent 2 12' dia Column - Steel Truss Bridge	5	17-May-16	23-May-16
1C.1620	F/R/P Bent 2 Bentcap - Steel Truss Bridge	20	24-May-16	21-Jun-16
1C.1570	F/R/P Abut 1 Bentcap - Steel Truss Bridge	20	22-Jun-16	20-Jul-16
1C.1660	Erect Steel Truss - Golden State Blvd O/C	40	25-Aug-16	20-Oct-16
Sta 11155+45 to 11191+50 - Fresno Viaduct CIP/PT 3,605 LF		509	26-Jun-15	30-Jun-17
1C.2350	Demolition - Fresno Viaduct Sta 11155+45 to 11191+50	40	26-Jun-15	21-Aug-15
1C.2340	Utility Relocations - Fresno Viaduct Sta 11155+45 to 11191+50	90	26-Jun-15	30-Oct-15
1C.1640	Install 10' Dia CIDH Piles Bents 3-32 - 30 ea @ 3 days each	90	17-Aug-15	22-Dec-15
1C.1600	Install 12' Dia CIDH Piles Bent 3	5	24-Aug-15	28-Aug-15
1C.1470	Construct Fresno Viaduct Sta 442+63 to 505+00 (6,237 LF)	440	24-Aug-15	19-May-17
1C.1630	F/R/P 8' Dia Cols Bents 3-32 - 30 @ 4 days each	60	05-Oct-15	30-Dec-15
1C.1730	Install Bentcaps - Bents 3-32 - 30 ea @ 5 days each	80	19-Oct-15	12-Feb-16
1C.1750	S/F/R/P/S CIP/PT Girders - Piers 4-32 - 29 ea	375	02-Nov-15	28-Apr-17
1C.2260	S/F/R/P/S CIP/PT Girders - Abut 2 to Pier 4 - 2 ea	40	21-Oct-16	19-Dec-16
1C.2250	F/R/P CIP Barriers - Piers 2-32	50	13-Mar-17	19-May-17
1C.5555	Construction Punchlist & Cleanup Fresno Viaduct & 1C Structures	44	01-May-17	30-Jun-17
Sta 11191+50 to 11200+00 - Fresno Viaduct Trusses 850 LF		363	02-Nov-15	12-Apr-17
1C.2360	Utility Relocations - Fresno Viaduct Sta 11191+50 to 11200+00	60	02-Nov-15	29-Jan-16
1C.1710	Install 24 ea 6'-0" dia CIDH Piles Bents 33-36 - Steel Truss Bridge	48	01-Feb-16	07-Apr-16
1C.2160	Construct Steel Truss Bridges	303	01-Feb-16	12-Apr-17
1C.1720	F/R/P Pilecaps Bents 33-36 - Steel Truss Bridge	15	08-Apr-16	28-Apr-16
1C.1770	F/R/P Piers 33-36 - Steel Truss Bridge	60	29-Apr-16	25-Jul-16
1C.1780	Erect Trusses Bents 33-36 - Steel Truss Bridge	120	26-Jul-16	17-Jan-17
1C.2170	F/R/P Bridge Deck - Steel Truss Bridge	60	18-Jan-17	12-Apr-17
Sta 11200+00 to 11216+20 - Fresno Viaduct CIP/PT 1,620 Lf		345	26-Jun-15	03-Nov-16
1C.2380	Demolition - Fresno Viaduct Sta 11200+00 to 11216+20	20	26-Jun-15	24-Jul-15
1C.2370	Utility Relocations - Fresno Viaduct Sta 11200+00 to 11216+20	90	26-Jun-15	30-Oct-15
1C.1700	Install 12' Dia CIDH Piles Bents 47-50	20	02-Nov-15	01-Dec-15
1C.1690	Install 10' Dia CIDH Piles Bents 37-46 - 10 ea @ 3 days each	30	23-Dec-15	05-Feb-16
1C.2180	Construct Fresno Viaduct Sta 111200+00 to 11216+20	220	23-Dec-15	03-Nov-16



Remaining Level of Effort
Remaining Work
Critical Remaining Work
Milestone

California HSR Authority

HighSpeed Train Project HSR 11-16

Proposal Schedule

Tutor Perini Zachry Parsons

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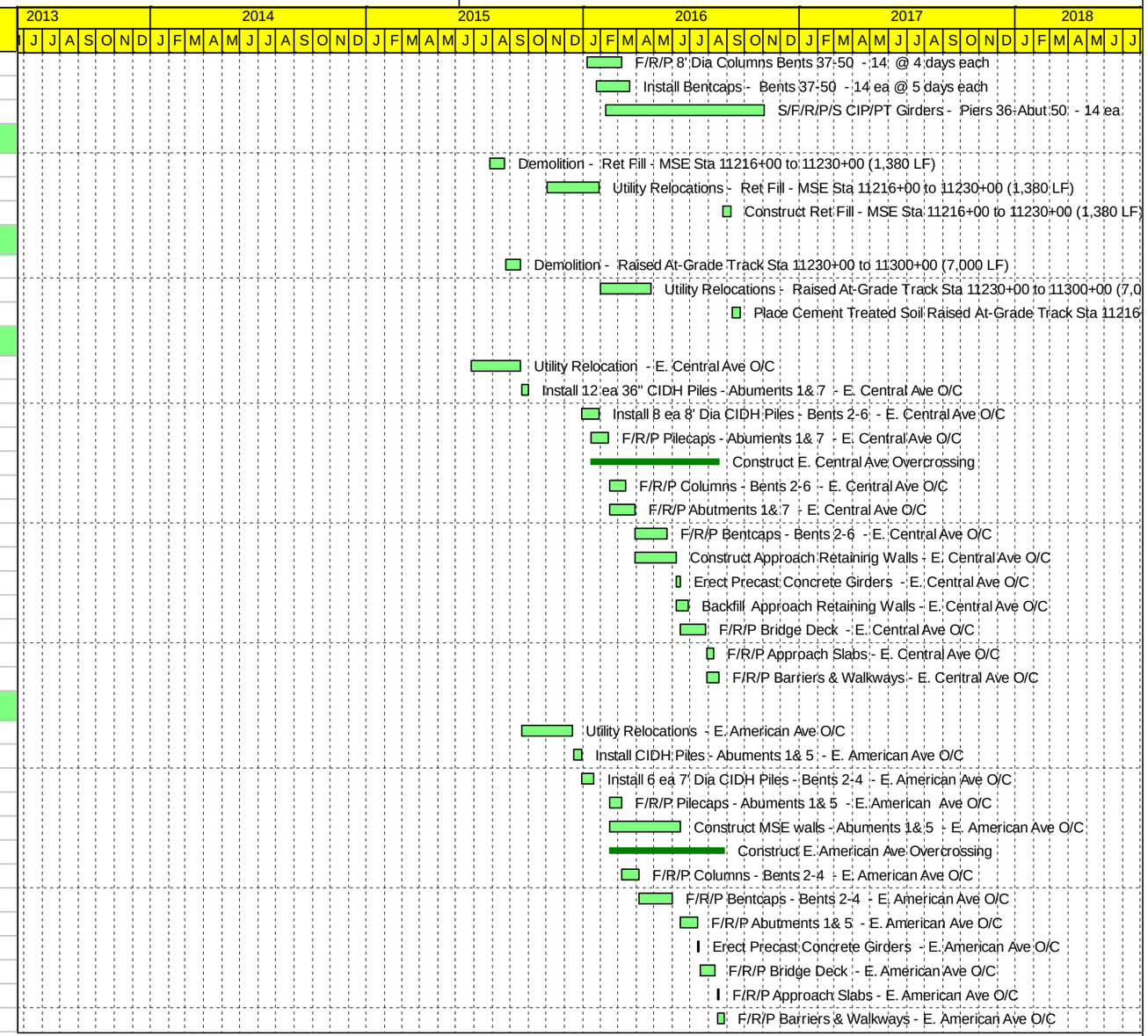
Activity ID	Activity Name	Original Duration	Start	Finish
1C.1670	F/R/P 8' Dia Columns Bents 37-50 - 14 @ 4 days each	40	08-Jan-16	07-Mar-16
1C.1740	Install Bentcaps - Bents 37-50 - 14 ea @ 5 days each	40	25-Jan-16	21-Mar-16
1C.1760	S/F/R/P/S CIP/PT Girders - Piers 36-Abut 50 - 14 ea	190	08-Feb-16	03-Nov-16
Sta 11216+20 to 11230+00 - RF/MSE 1,380 LF		285	27-Jul-15	08-Sep-16
1C.2400	Demolition - Ret Fill - MSE Sta 11216+00 to 11230+00 (1,380 LF)	20	27-Jul-15	21-Aug-15
1C.2390	Utility Relocations - Ret Fill - MSE Sta 11216+00 to 11230+00 (1,380 LF	60	02-Nov-15	29-Jan-16
1C.1480	Construct Ret Fill - MSE Sta 11216+00 to 11230+00 (1,380 LF)	10	25-Aug-16	08-Sep-16
Sta 11230+00 to 11300+00 - AG Embankment 7,000 LF		275	24-Aug-15	22-Sep-16
1C.2410	Demolition - Raised At-Grade Track Sta 11230+00 to 11300+00 (7,000	20	24-Aug-15	18-Sep-15
1C.2420	Utility Relocations - Raised At-Grade Track Sta 11230+00 to 11300+00	60	01-Feb-16	25-Apr-16
1C.1490	Place Cement Treated Soil Raised At-Grade Track Sta 11216+00 to 113	10	09-Sep-16	22-Sep-16
Sta 11237+25 - E. Central Ave O/C		290	26-Jun-15	17-Aug-16
1C.2430	Utility Relocation - E. Central Ave O/C	60	26-Jun-15	18-Sep-15
1C.1910	Install 12 ea 36" CIDH Piles - Abuments 1& 7 - E. Central Ave O/C	10	21-Sep-15	02-Oct-15
1C.1930	Install 8 ea 8' Dia CIDH Piles - Bents 2-6 - E. Central Ave O/C	20	31-Dec-15	29-Jan-16
1C.1920	F/R/P Pilecaps - Abuments 1& 7 - E. Central Ave O/C	20	15-Jan-16	12-Feb-16
1C.1510	Construct E. Central Ave Overcrossing	150	15-Jan-16	17-Aug-16
1C.1950	F/R/P Columns - Bents 2-6 - E. Central Ave O/C	20	16-Feb-16	14-Mar-16
1C.1940	F/R/P Abutments 1& 7 - E. Central Ave O/C	30	16-Feb-16	28-Mar-16
1C.1970	F/R/P Bentcaps - Bents 2-6 - E. Central Ave O/C	40	29-Mar-16	23-May-16
1C.1960	Construct Approach Retaining Walls - E. Central Ave O/C	50	29-Mar-16	07-Jun-16
1C.2000	Erect Precast Concrete Girders - E. Central Ave O/C	5	08-Jun-16	14-Jun-16
1C.1980	Backfill Approach Retaining Walls - E. Central Ave O/C	15	08-Jun-16	28-Jun-16
1C.2010	F/R/P Bridge Deck - E. Central Ave O/C	30	15-Jun-16	27-Jul-16
1C.1990	F/R/P Approach Slabs - E. Central Ave O/C	10	28-Jul-16	10-Aug-16
1C.2020	F/R/P Barriers & Walkways - E. Central Ave O/C	15	28-Jul-16	17-Aug-16
Sta 11290+00 - E. American Ave O/C		237	21-Sep-15	26-Aug-16
1C.2440	Utility Relocations - E. American Ave O/C	60	21-Sep-15	15-Dec-15
1C.2030	Install CIDH Piles - Abuments 1& 5 - E. American Ave O/C	10	16-Dec-15	30-Dec-15
1C.2050	Install 6 ea 7' Dia CIDH Piles - Bents 2-4 - E. American Ave O/C	12	31-Dec-15	19-Jan-16
1C.2040	F/R/P Pilecaps - Abuments 1& 5 - E. American Ave O/C	15	16-Feb-16	07-Mar-16
1C.2190	Construct MSE walls - Abuments 1& 5 - E. American Ave O/C	85	16-Feb-16	14-Jun-16
1C.1520	Construct E. American Ave Overcrossing	137	16-Feb-16	26-Aug-16
1C.2080	F/R/P Columns - Bents 2-4 - E. American Ave O/C	20	08-Mar-16	04-Apr-16
1C.2100	F/R/P Bentcaps - Bents 2-4 - E. American Ave O/C	40	05-Apr-16	31-May-16
1C.2070	F/R/P Abutments 1& 5 - E. American Ave O/C	20	15-Jun-16	13-Jul-16
1C.2120	Erect Precast Concrete Girders - E. American Ave O/C	2	14-Jul-16	15-Jul-16
1C.2140	F/R/P Bridge Deck - E. American Ave O/C	20	18-Jul-16	12-Aug-16
1C.2130	F/R/P Approach Slabs - E. American Ave O/C	5	15-Aug-16	19-Aug-16
1C.2150	F/R/P Barriers & Walkways - E. American Ave O/C	10	15-Aug-16	26-Aug-16



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