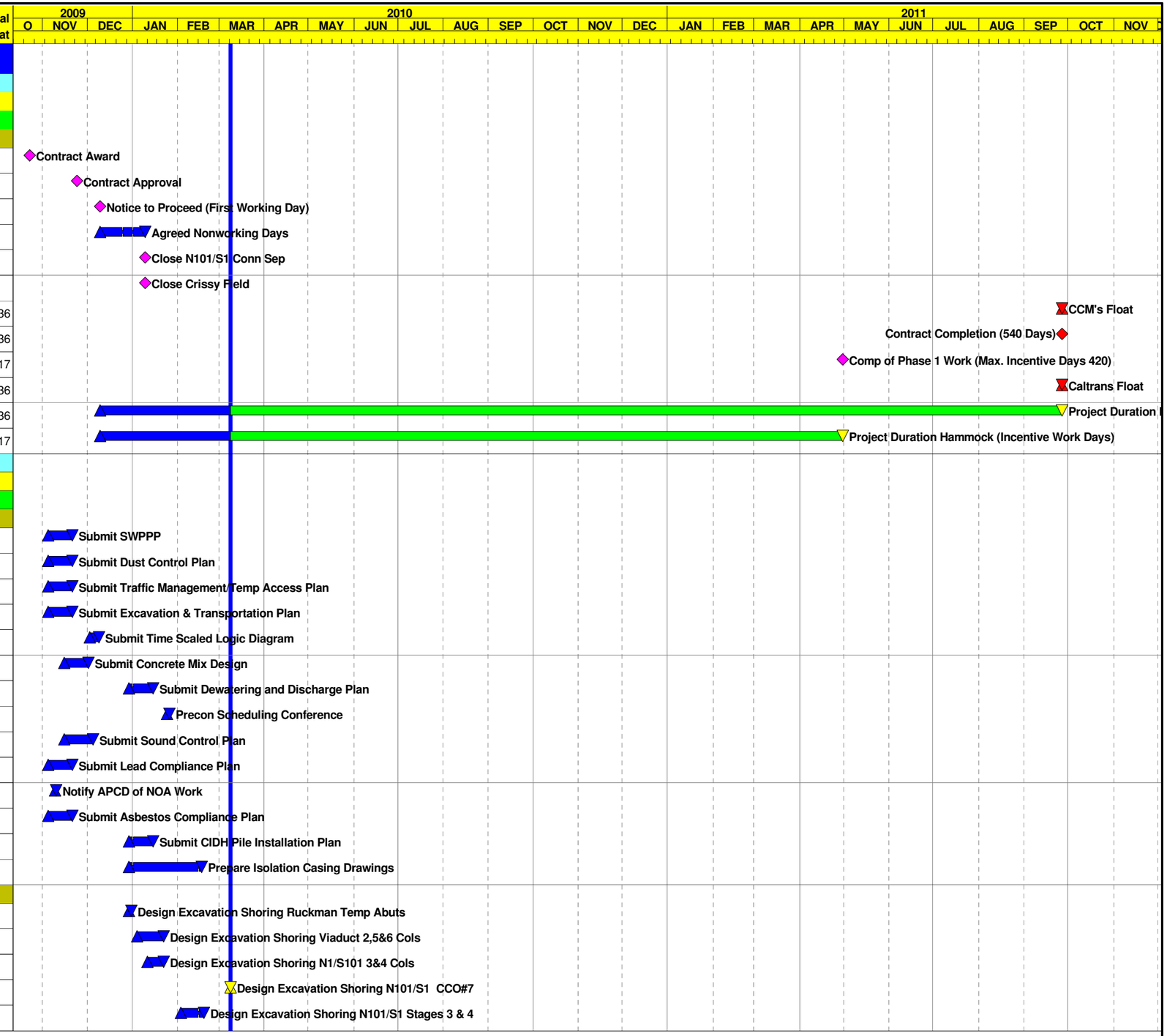
Doyle Drive Contract 3

Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
Project Milestones						
980	Contract Award	0	1	23OCT09A		
990	Contract Approval	0	1	24NOV09A		
10000	Notice to Proceed (First Working Day)	0	6	10DEC09A		
10005	Agreed Nonworking Days	20	1	10DEC09A	09JAN10A	
10010	Close N101/S1 Conn Sep	0	6	10JAN10A		
10020	Close Crissy Field	0	1	10JAN10A		
CCMFLOAT	CCM's Float	0	6	27SEP11	26SEP11	-36
CMS	Contract Completion (540 Days)	0	6		26SEP11	-36
CMS10	Comp of Phase 1 Work (Max. Incentive Days 420)	0	6		29APR11	-17
CTFLOAT	Caltrans Float	0	6	27SEP11	26SEP11	-36
HAMMOCK	Project Duration Hammock (Contract Work Days)	576*	6	10DEC09A	26SEP11	-36
INCHAMMO	Project Duration Hammock (Incentive Work Days)	437*	6	10DEC09A	29APR11	-17
Contract Administration						
Submittals						
General						
11030	Submit SWPPP	15	1	05NOV09A	20NOV09A	
11040	Submit Dust Control Plan	15	1	05NOV09A	20NOV09A	
11050	Submit Traffic Management/Temp Access Plan	15	1	05NOV09A	20NOV09A	
11060	Submit Excavation & Transportation Plan	15	1	05NOV09A	20NOV09A	
11070	Submit Time Scaled Logic Diagram	5	1	03DEC09A	08DEC09A	
11080	Submit Concrete Mix Design	15	1	16NOV09A	01DEC09A	
11090	Submit Dewatering and Discharge Plan	15	1	30DEC09A	14JAN10A	
11100	Precon Scheduling Conference	1	1	25JAN10A	25JAN10A	
11120	Submit Sound Control Plan	15	1	16NOV09A	04DEC09A	
11130	Submit Lead Compliance Plan	15	1	05NOV09A	20NOV09A	
11140	Notify APCD of NOA Work	14	2	09NOV09A	09NOV09A	
11150	Submit Asbestos Compliance Plan	15	1	05NOV09A	20NOV09A	
11160	Submit CIDH Pile Installation Plan	15	1	30DEC09A	14JAN10A	
11170	Prepare Isolation Casing Drawings	20	1	30DEC09A	16FEB10A	
Excavation Shoring						
11200	Design Excavation Shoring Ruckman Temp Abuts	5	1	30DEC09A	30DEC09A	
11210	Design Excavation Shoring Viaduct 2,5&6 Cols	15	1	04JAN10A	21JAN10A	
11220	Design Excavation Shoring N1/S101 3&4 Cols	10	1	11JAN10A	21JAN10A	
11230	Design Excavation Shoring N101/S1 CCO#7	0	1			
11240	Design Excavation Shoring N101/S1 Stages 3 & 4	15	1	03FEB10A	18FEB10A	



Start Date	23OCT09
Finish Date	26SEP11
Data Date	09MAR10
Run Date	12MAY10 12:06

Early Bar
Progress Bar
Critical Activity

UD01

Sheet 1 of 13

C. C. Myers, Inc.

Doyle Drive Contract 3

Baseline Schedule Layout

Date	Revision	Checked	Approved

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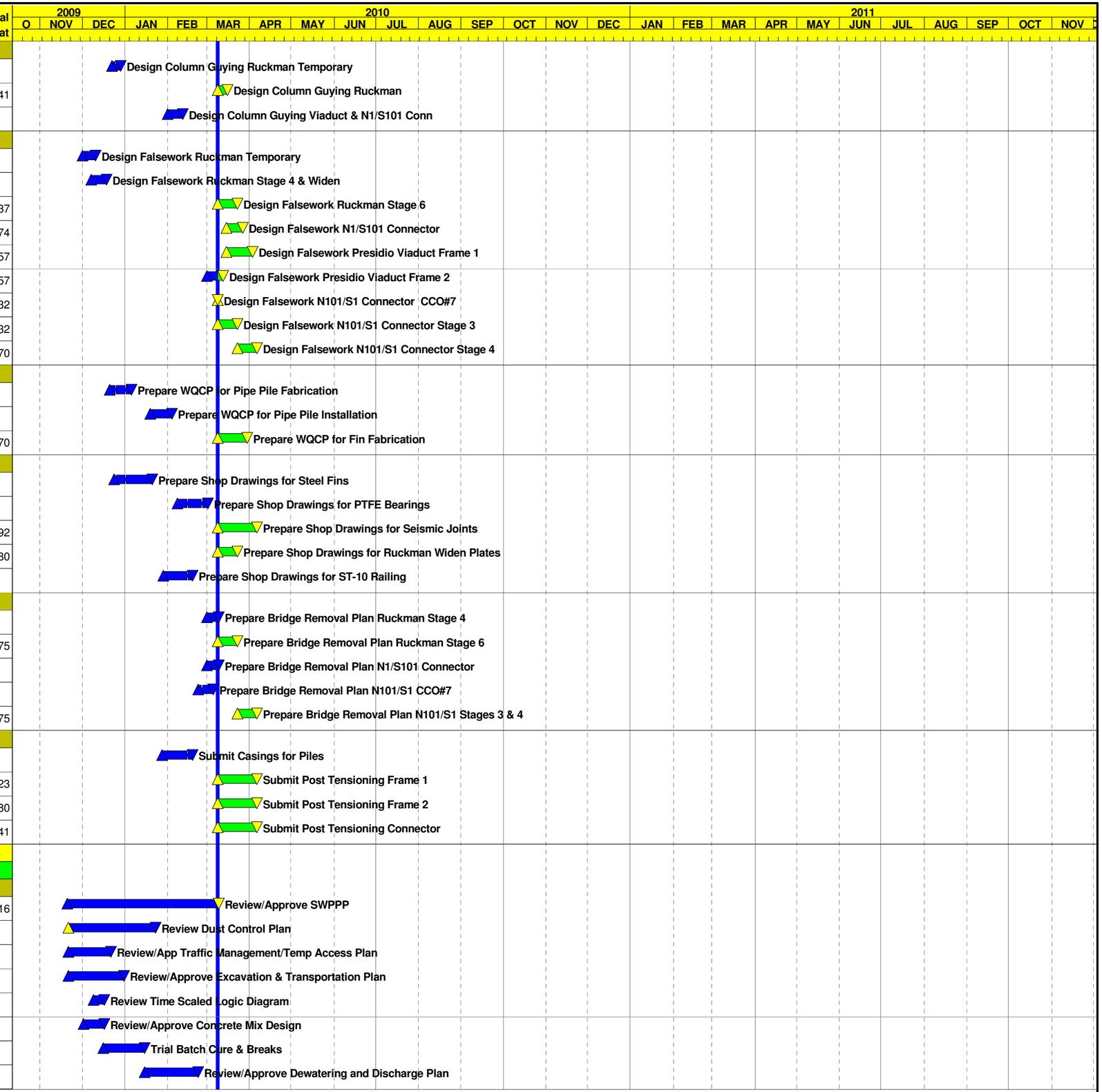
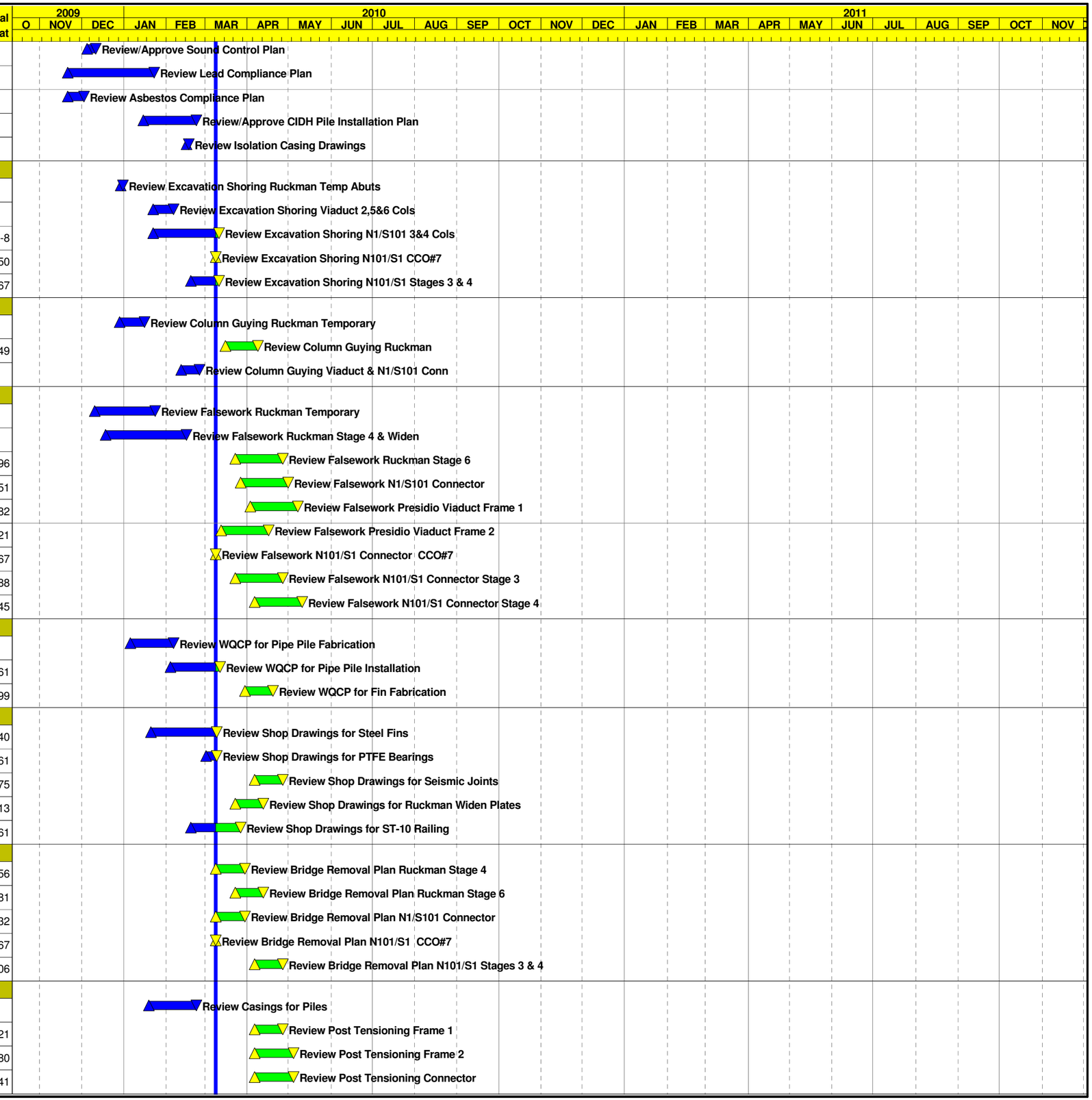
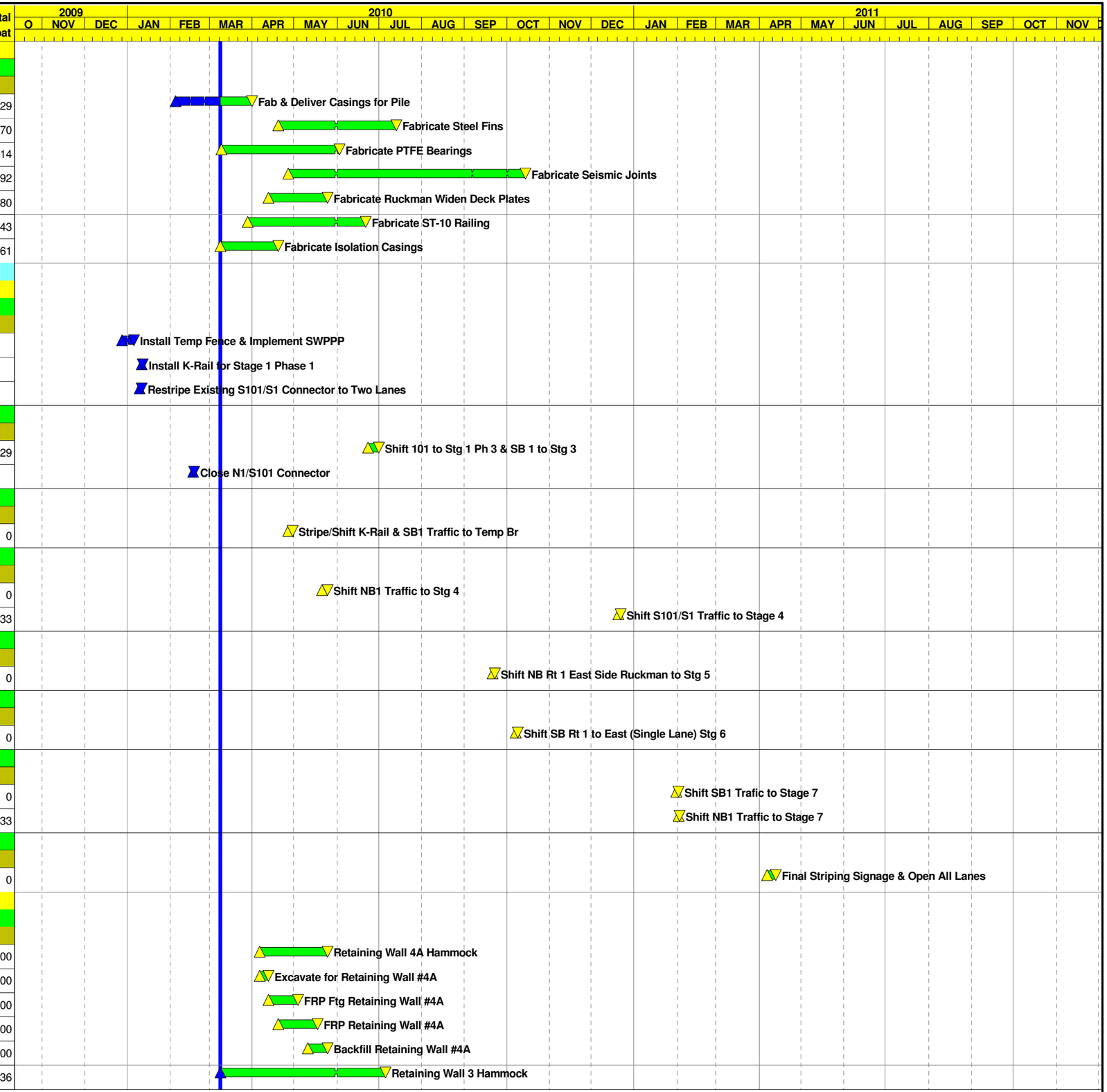
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
Column Guying						
11300	Design Column Guying Ruckman Temporary	5	1	23DEC09A	28DEC09A	
11310	Design Column Guying Ruckman	5	1	09MAR10	15MAR10	41
11320	Design Column Guying Viaduct & N1/S101 Conn	10	1	01FEB10A	11FEB10A	
Falsework						
11400	Design Falsework Ruckman Temporary	10	1	01DEC09A	10DEC09A	
11410	Design Falsework Ruckman Stage 4 & Widen	10	1	08DEC09A	18DEC09A	
11420	Design Falsework Ruckman Stage 6	10	1	09MAR10	22MAR10	137
11430	Design Falsework N1/S101 Connector	10	1	15MAR10	26MAR10	174
11440	Design Falsework Presidio Viaduct Frame 1	15	1	15MAR10	02APR10	57
11450	Design Falsework Presidio Viaduct Frame 2	15	1	01MAR10A	12MAR10	57
11460	Design Falsework N101/S1 Connector CCO#7	0	1	09MAR10	08MAR10	132
11470	Design Falsework N101/S1 Connector Stage 3	10	1	09MAR10	22MAR10	132
11480	Design Falsework N101/S1 Connector Stage 4	10	1	23MAR10	05APR10	170
Welding						
11500	Prepare WQCP for Pipe Pile Fabrication	15	1	21DEC09A	05JAN10A	
11510	Prepare WQCP for Pipe Pile Installation	15	1	19JAN10A	03FEB10A	
11520	Prepare WQCP for Fin Fabrication	15	1	09MAR10	29MAR10	70
Structural Steel						
11610	Prepare Shop Drawings for Steel Fins	25	1	24DEC09A	20JAN10A	
11620	Prepare Shop Drawings for PTFE Bearings	20	1	08FEB10A	01MAR10A	
11630	Prepare Shop Drawings for Seismic Joints	20	1	09MAR10	05APR10	192
11640	Prepare Shop Drawings for Ruckman Widen Plates	10	1	09MAR10	22MAR10	80
11650	Prepare Shop Drawings for ST-10 Railing	20	1	29JAN10A	18FEB10A	
Bridge Demo						
11700	Prepare Bridge Removal Plan Ruckman Stage 4	10	1	01MAR10A	09MAR10A	
11710	Prepare Bridge Removal Plan Ruckman Stage 6	10	1	09MAR10	22MAR10	75
11720	Prepare Bridge Removal Plan N1/S101 Connector	10	1	01MAR10A	09MAR10A	
11730	Prepare Bridge Removal Plan N101/S1 CCO#7	9	1	23FEB10A	05MAR10A	
11740	Prepare Bridge Removal Plan N101/S1 Stages 3 & 4	10	1	23MAR10	05APR10	75
11180	Submit Casings for Piles	20	1	28JAN10A	18FEB10A	
11190	Submit Post Tensioning Frame 1	20	1	09MAR10	05APR10	223
11250	Submit Post Tensioning Frame 2	20	1	09MAR10	05APR10	180
11260	Submit Post Tensioning Connector	20	1	09MAR10	05APR10	241
Approvals						
General						
12030	Review/Approve SWPPP	20	2	20NOV09A	09MAR10	516
12040	Review Dust Control Plan	63	2		22JAN10A	
12050	Review/App Traffic Management/Temp Access Plan	20	2	21NOV09A	21DEC09A	
12060	Review/Approve Excavation & Transportation Plan	7	2	21NOV09A	30DEC09A	
12070	Review Time Scaled Logic Diagram	1	2	09DEC09A	16DEC09A	
12080	Review/Approve Concrete Mix Design	5	2	02DEC09A	16DEC09A	
12085	Trial Batch Cure & Breaks	28	2	16DEC09A	14JAN10A	
12090	Review/Approve Dewatering and Discharge Plan	15	2	15JAN10A	22FEB10A	



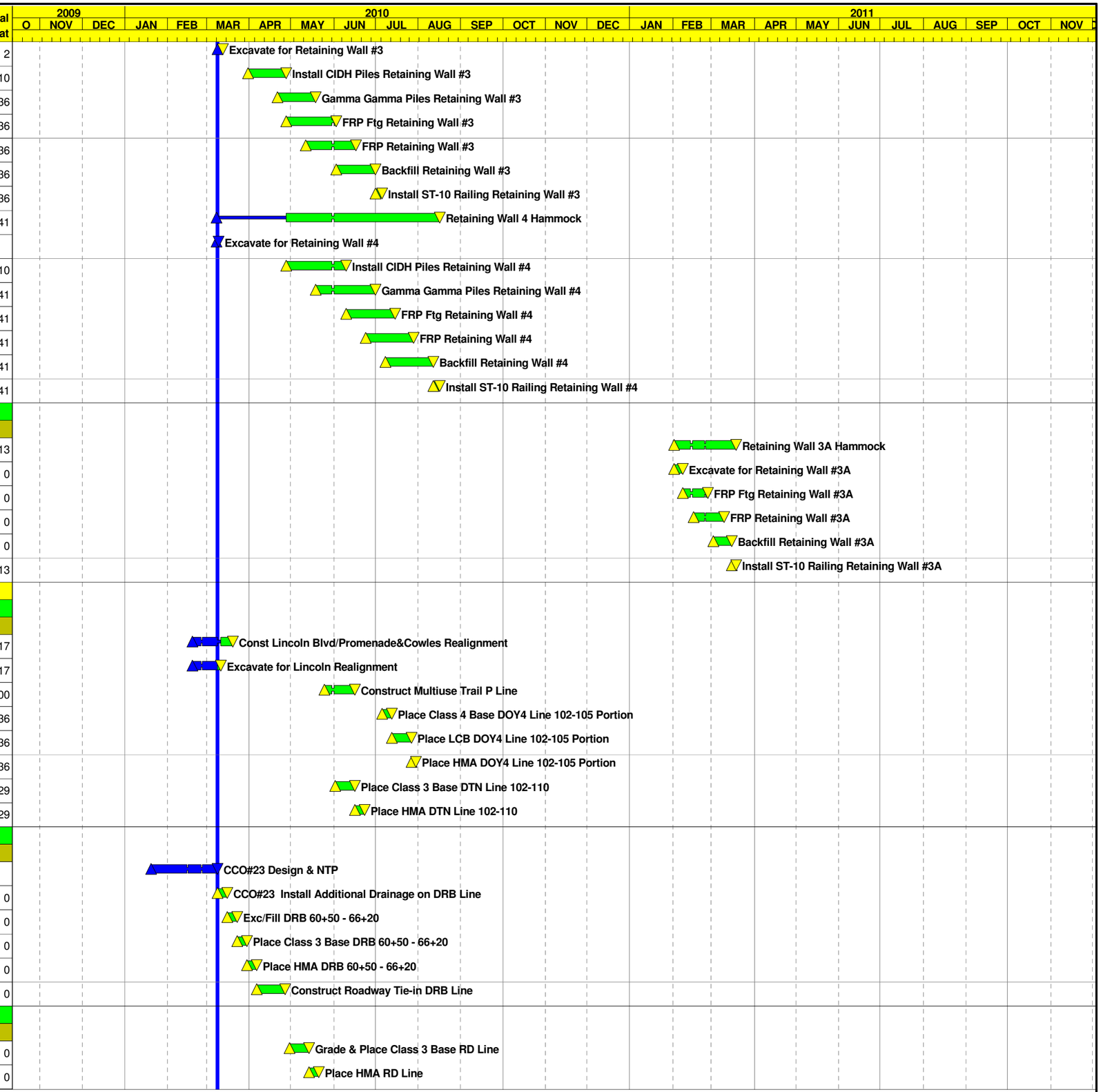
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
12120	Review/Approve Sound Control Plan	5	2	05DEC09A	11DEC09A	
12130	Review Lead Compliance Plan	15	2	21NOV09A	22JAN10A	
12150	Review Asbestos Compliance Plan	15	2	21NOV09A	02DEC09A	
12160	Review/Approve CIDH Pile Installation Plan	15	2	15JAN10A	22FEB10A	
12170	Review Isolation Casing Drawings	21	2	16FEB10A	16FEB10A	
Excavation Shoring						
12200	Review Excavation Shoring Ruckman Temp Abuts	21	2	30DEC09A	30DEC09A	
12210	Review Excavation Shoring Viaduct 2,5&6 Cols	21	2	22JAN10A	05FEB10A	
12220	Review Excavation Shoring N1/S101 3&4 Cols	21	2	22JAN10A	10MAR10	-8
12230	Review Excavation Shoring N101/S1 CCO#7	0	2	09MAR10	25MAR10	550
12240	Review Excavation Shoring N101/S1 Stages 3 & 4	21	2	19FEB10A	10MAR10	167
Column Guying						
12300	Review Column Guying Ruckman Temporary	21	2	29DEC09A	15JAN10A	
12310	Review Column Guying Ruckman	21	3	16MAR10	08APR10	49
12320	Review Column Guying Viaduct & N1/S101 Conn	21	2	12FEB10A	24FEB10A	
Falsework						
12400	Review Falsework Ruckman Temporary	35	2	11DEC09A	23JAN10A	
12410	Review Falsework Ruckman Stage 4 & Widen	35	2	19DEC09A	15FEB10A	
12420	Review Falsework Ruckman Stage 6	35	2	23MAR10	26APR10	196
12430	Review Falsework N1/S101 Connector	35	2	27MAR10	30APR10	251
12440	Review Falsework Presidio Viaduct Frame 1	35	2	03APR10	07MAY10	82
12450	Review Falsework Presidio Viaduct Frame 2	35	2	13MAR10	16APR10	121
12460	Review Falsework N101/S1 Connector CCO#7	0	2	09MAR10	08MAR10	567
12470	Review Falsework N101/S1 Connector Stage 3	35	2	23MAR10	26APR10	188
12480	Review Falsework N101/S1 Connector Stage 4	35	2	06APR10	10MAY10	245
Welding						
12500	Review WQCP for Pipe Pile Fabrication	21	2	06JAN10A	05FEB10A	
12510	Review WQCP for Pipe Pile Installation	21	2	04FEB10A	11MAR10	61
12520	Review WQCP for Fin Fabrication	21	2	30MAR10	19APR10	99
Structural Steel						
12610	Review Shop Drawings for Steel Fins	21	2	21JAN10A	09MAR10	140
12620	Review Shop Drawings for PTFE Bearings	21	2	02MAR10A	09MAR10	161
12630	Review Shop Drawings for Seismic Joints	21	2	06APR10	26APR10	275
12640	Review Shop Drawings for Ruckman Widen Plates	21	2	23MAR10	12APR10	113
12650	Review Shop Drawings for ST-10 Railing	21	2	19FEB10A	26MAR10	61
Bridge Demo						
12700	Review Bridge Removal Plan Ruckman Stage 4	21	2	09MAR10	29MAR10	56
12710	Review Bridge Removal Plan Ruckman Stage 6	21	2	23MAR10	12APR10	181
12720	Review Bridge Removal Plan N1/S101 Connector	21	2	09MAR10	29MAR10	132
12730	Review Bridge Removal Plan N101/S1 CCO#7	0	2	09MAR10	08MAR10	567
12740	Review Bridge Removal Plan N101/S1 Stages 3 & 4	21	2	06APR10	26APR10	106
12180	Review Casings for Piles	21	2	19JAN10A	22FEB10A	
12190	Review Post Tensioning Frame 1	21	2	06APR10	26APR10	321
12250	Review Post Tensioning Frame 2	21	1	06APR10	04MAY10	180
12260	Review Post Tensioning Connector	21	1	06APR10	04MAY10	241



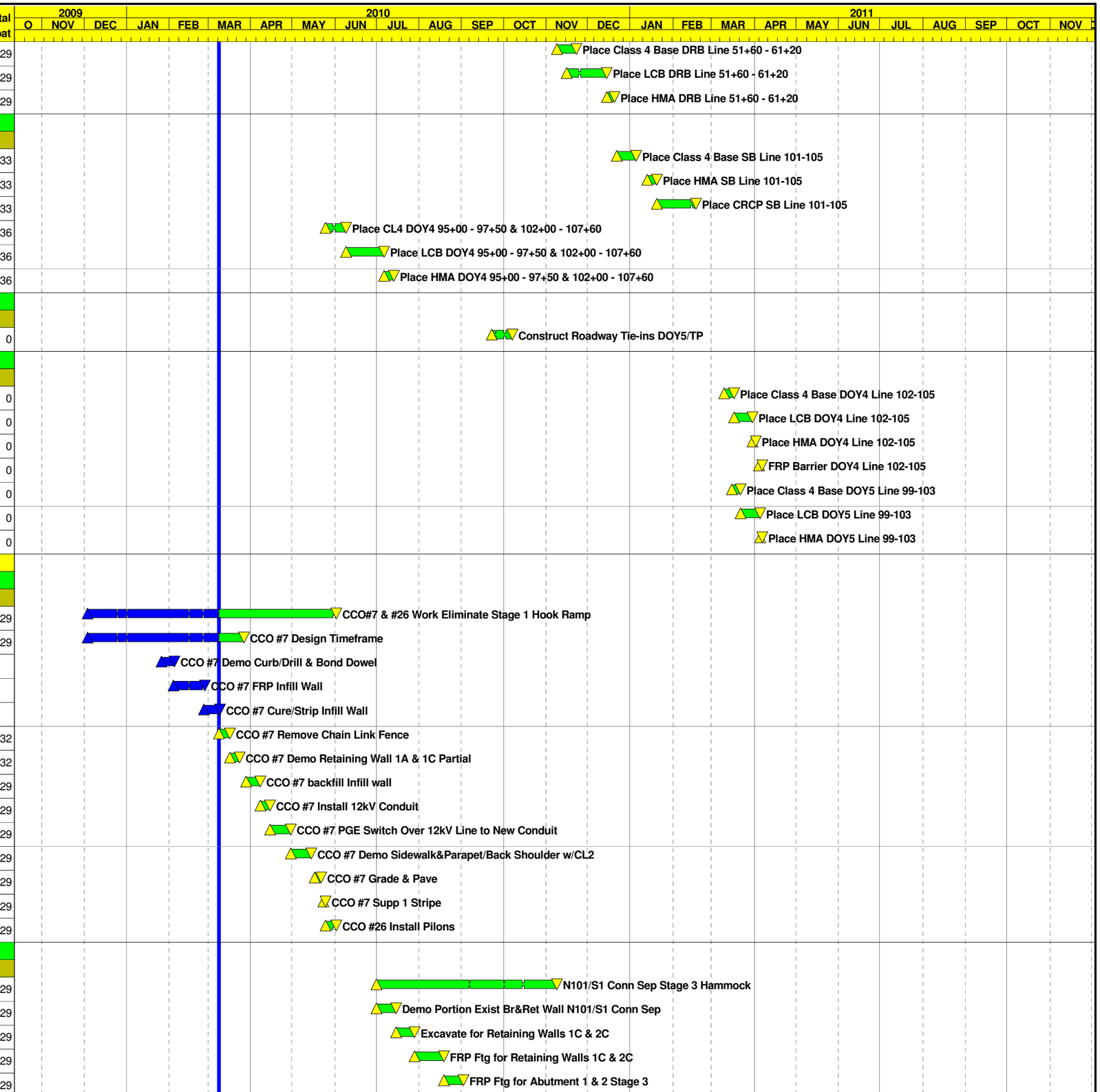
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
Fab & Deliver						
Structural Steel						
13000	Fab & Deliver Casings for Pile	55	1	05FEB10A	31MAR10	29
13010	Fabricate Steel Fins	60	1	20APR10	13JUL10	70
13020	Fabricate PTFE Bearings	60	1	10MAR10	02JUN10	114
13030	Fabricate Seismic Joints	120	1	27APR10	14OCT10	192
13040	Fabricate Ruckman Widen Deck Plates	30	1	13APR10	24MAY10	80
13050	Fabricate ST-10 Railing	60	1	29MAR10	21JUN10	43
13060	Fabricate Isolation Casings	30	1	09MAR10	19APR10	61
Construction						
Preliminary Work & Traffic Switches						
Stage 1 Phase 1						
100010	Install Temp Fence & Implement SWPPP	4	1	28DEC09A	05JAN10A	
100040	Install K-Rail for Stage 1 Phase 1	3	1	11JAN10A	11JAN10A	
100050	Restripe Existing S101/S1 Connector to Two Lanes	2	1	10JAN10A	10JAN10A	
Stage 1 Phase 3						
131000	Shift 101 to Stg 1 Ph 3 & SB 1 to Stg 3	6	1	23JUN10	30JUN10	29
131010	Close N1/S101 Connector	1	1	17FEB10A	17FEB10A	
Stage 3						
111330	Stripe/Shift K-Rail & SB1 Traffic to Temp Br	3	1	27APR10	29APR10	0
Stage 4						
400010	Shift NB1 Traffic to Stg 4	2	1	21MAY10	24MAY10	0
400020	Shift S101/S1 Traffic to Stage 4	1	1	21DEC10	21DEC10	33
Stage 5						
120360	Shift NB Rt 1 East Side Ruckman to Stg 5	2	3	21SEP10	22SEP10	0
Stage 6						
120370	Shift SB Rt 1 to East (Single Lane) Stg 6	1	3	08OCT10	08OCT10	0
Stage 7						
300100	Shift SB1 Trafic to Stage 7	2	1	31JAN11	01FEB11	0
300110	Shift NB1 Traffic to Stage 7	1	1	02FEB11	02FEB11	33
Final Alignment						
810000	Final Striping Signage & Open All Lanes	4	1	07APR11	12APR11	0
Retaining Walls						
Stage 1 Phase 1						
100090	Retaining Wall 4A Hammock	35*	1	06APR10	24MAY10	300
100100	Excavate for Retaining Wall #4A	5	1	06APR10	12APR10	300
100110	FRP Ftg Retaining Wall #4A	15	1	13APR10	03MAY10	300
100120	FRP Retaining Wall #4A	20	1	20APR10	17MAY10	300
100130	Backfill Retaining Wall #4A	10	1	11MAY10	24MAY10	300
100190	Retaining Wall 3 Hammock	84*	1	09MAR10A	05JUL10	36



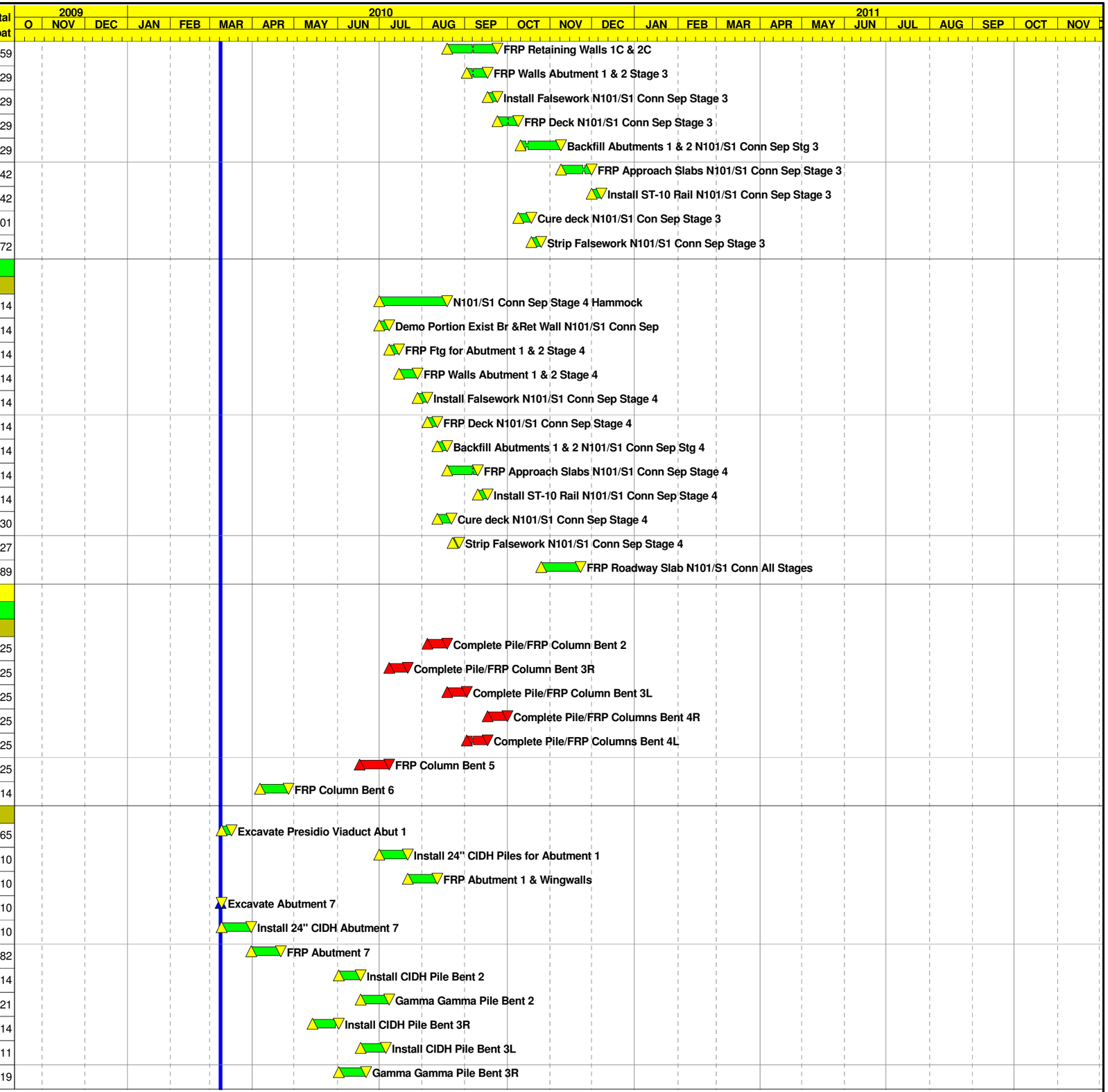
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
100200	Excavate for Retaining Wall #3	5	1	09MAR10A	12MAR10	2
100210	Install CIDH Piles Retaining Wall #3	20	1	31MAR10	27APR10	-10
100220	Gamma Gamma Piles Retaining Wall #3	20	1	21APR10	18MAY10	36
100230	FRP Ftg Retaining Wall #3	25	1	28APR10	02JUN10	36
100240	FRP Retaining Wall #3	25	1	12MAY10	16JUN10	36
100250	Backfill Retaining Wall #3	20	1	03JUN10	30JUN10	36
100260	Install ST-10 Railing Retaining Wall #3	3	1	01JUL10	05JUL10	36
100290	Retaining Wall 4 Hammock	115*	1	08MAR10A	16AUG10	141
100300	Excavate for Retaining Wall #4	5	1	08MAR10A	09MAR10A	
100310	Install CIDH Piles Retaining Wall #4	30	1	28APR10	09JUN10	-10
100320	Gamma Gamma Piles Retaining Wall #4	30	1	19MAY10	30JUN10	141
100330	FRP Ftg Retaining Wall #4	25	1	10JUN10	14JUL10	141
100340	FRP Retaining Wall #4	25	1	24JUN10	28JUL10	141
100350	Backfill Retaining Wall #4	25	1	08JUL10	11AUG10	141
100360	Install ST-10 Railing Retaining Wall #4	3	1	12AUG10	16AUG10	141
Stage 7						
700090	Retaining Wall 3A Hammock	31*	1	02FEB11	18MAR11	13
700100	Excavate for Retaining Wall #3A	4	1	02FEB11	07FEB11	0
700110	FRP Ftg Retaining Wall #3A	12	1	08FEB11	25FEB11	0
700120	FRP Retaining Wall #3A	15	1	16FEB11	09MAR11	0
700130	Backfill Retaining Wall #3A	10	1	02MAR11	15MAR11	0
700140	Install ST-10 Railing Retaining Wall #3A	3	1	16MAR11	18MAR11	13
Roadwork						
Stage 1 Phase 1						
101100	Const Lincoln Blvd/Promenade&Cowles Realignment	30	1	19FEB10A	19MAR10	17
101115	Excavate for Lincoln Realignment	10	1	19FEB10A	10MAR10	17
101120	Construct Multiuse Trail P Line	15	1	25MAY10	15JUN10	300
101200	Place Class 4 Base DOY4 Line 102-105 Portion	5	1	06JUL10	12JUL10	36
101210	Place LCB DOY4 Line 102-105 Portion	10	1	13JUL10	26JUL10	36
101220	Place HMA DOY4 Line 102-105 Portion	3	1	27JUL10	29JUL10	36
101300	Place Class 3 Base DTN Line 102-110	10	1	02JUN10	15JUN10	29
101320	Place HMA DTN Line 102-110	5	1	16JUN10	22JUN10	29
Stage 2						
101124	CCO#23 Design & NTP	1	1	20JAN10A	08MAR10A	
101125	CCO#23 Install Additional Drainage on DRB Line	5	1	09MAR10	15MAR10	0
101130	Exc/Fill DRB 60+50 - 66+20	5	1	16MAR10	22MAR10	0
101140	Place Class 3 Base DRB 60+50 - 66+20	5	1	23MAR10	29MAR10	0
101150	Place HMA DRB 60+50 - 66+20	5	1	30MAR10	05APR10	0
111320	Construct Roadway Tie-in DRB Line	15	1	06APR10	26APR10	0
Stage 3						
121130	Grade & Place Class 3 Base RD Line	10	1	30APR10	13MAY10	0
121140	Place HMA RD Line	5	1	14MAY10	20MAY10	0



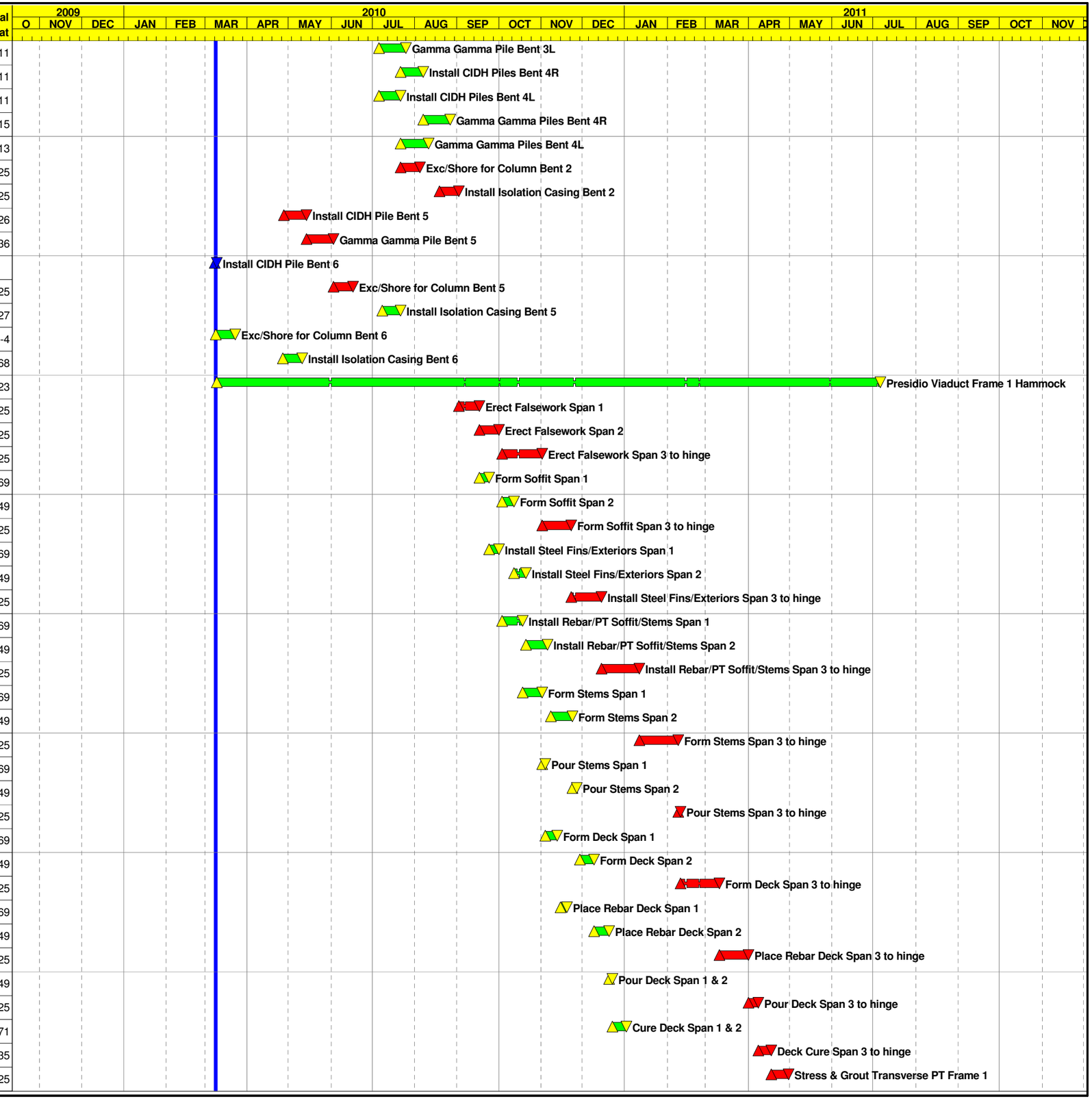
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
202300	Place Class 4 Base DRB Line 51+60 - 61+20	10	1	09NOV10	22NOV10	29
202310	Place LCB DRB Line 51+60 - 61+20	20	1	16NOV10	14DEC10	29
202320	Place HMA DRB Line 51+60 - 61+20	4	1	15DEC10	20DEC10	29
Stage 4						
300200	Place Class 4 Base SB Line 101-105	10	1	22DEC10	04JAN11	33
300210	Place HMA SB Line 101-105	5	1	13JAN11	19JAN11	33
300220	Place CRCP SB Line 101-105	20	1	20JAN11	17FEB11	33
300250	Place CL4 DOY4 95+00 - 97+50 & 102+00 - 107+60	10	1	25MAY10	08JUN10	36
300260	Place LCB DOY4 95+00 - 97+50 & 102+00 - 107+60	20	1	09JUN10	06JUL10	36
300270	Place HMA DOY4 95+00 - 97+50 & 102+00 - 107+60	5	1	07JUL10	13JUL10	36
Stage 5						
120365	Construct Roadway Tie-ins DOY5/TP	10	3	23SEP10	07OCT10	0
Stage 7						
701200	Place Class 4 Base DOY4 Line 102-105	5	1	10MAR11	16MAR11	0
701210	Place LCB DOY4 Line 102-105	10	1	17MAR11	30MAR11	0
701220	Place HMA DOY4 Line 102-105	2	1	31MAR11	01APR11	0
701230	FRP Barrier DOY4 Line 102-105	3	1	04APR11	06APR11	0
701300	Place Class 4 Base DOY5 Line 99-103	4	1	16MAR11	21MAR11	0
701310	Place LCB DOY5 Line 99-103	10	1	22MAR11	04APR11	0
701320	Place HMA DOY5 Line 99-103	2	1	05APR11	06APR11	0
N101/S1 Connector Separation (HOOK)						
Stage 1 Phase 1						
105260	CCO#7 & #26 Work Eliminate Stage 1 Hook Ramp	123*	1	04DEC09A	01JUN10	29
105270	CCO #7 Design Timeframe	70	1	04DEC09A	26MAR10	29
105280	CCO #7 Demo Curb/Drill & Bond Dowel	8	1	26JAN10A	04FEB10A	
105290	CCO #7 FRP Infill Wall	16	1	04FEB10A	26FEB10A	
105300	CCO #7 Cure/Strip Infill Wall	8	1	26FEB10A	09MAR10A	
105310	CCO #7 Remove Chain Link Fence	6	1	09MAR10	16MAR10	32
105320	CCO #7 Demo Retaining Wall 1A & 1C Partial	5	1	17MAR10	23MAR10	32
105330	CCO #7 backfill Infill wall	8	1	29MAR10	07APR10	29
105340	CCO #7 Install 12kV Conduit	5	1	08APR10	14APR10	29
105350	CCO #7 PGE Switch Over 12kV Line to New Conduit	11	1	15APR10	29APR10	29
105355	CCO #7 Demo Sidewalk&Parapet/Back Shoulder w/CL2	11	1	30APR10	14MAY10	29
105360	CCO #7 Grade & Pave	5	1	17MAY10	21MAY10	29
105365	CCO #7 Supp 1 Stripe	1	1	24MAY10	24MAY10	29
105370	CCO #26 Install Pilons	5	1	25MAY10	01JUN10	29
Stage 3						
201190	N101/S1 Conn Sep Stage 3 Hammock	90*	1	01JUL10	08NOV10	29
202000	Demo Portion Exist Br&Ret Wall N101/S1 Conn Sep	10	1	01JUL10	14JUL10	29
202110	Excavate for Retaining Walls 1C & 2C	10	1	15JUL10	28JUL10	29
202120	FRP Ftg for Retaining Walls 1C & 2C	15	1	29JUL10	18AUG10	29
202130	FRP Ftg for Abutment 1 & 2 Stage 3	10	1	19AUG10	01SEP10	29



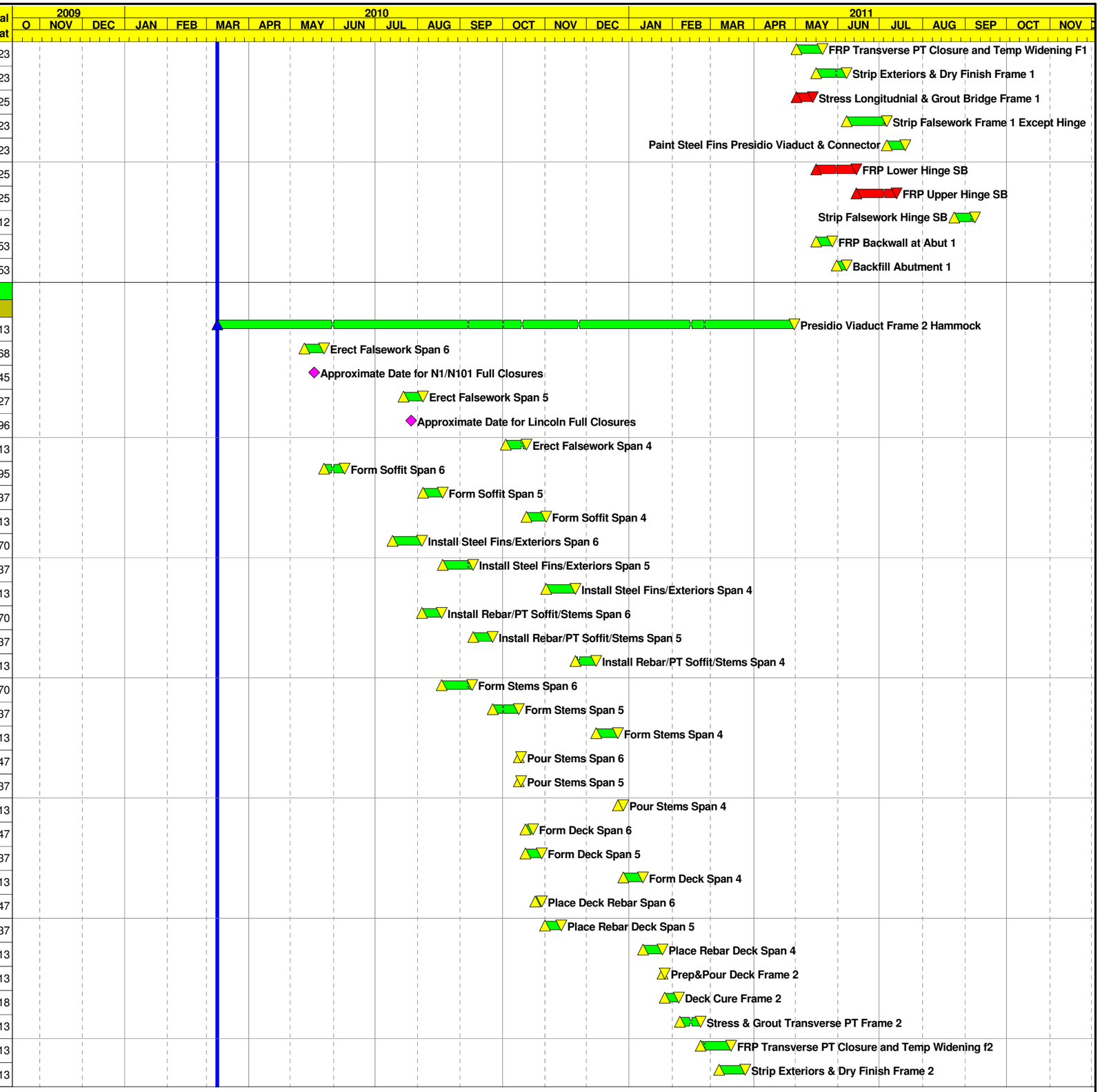
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
202140	FRP Retaining Walls 1C & 2C	25	1	19AUG10	23SEP10	59
202150	FRP Walls Abutment 1 & 2 Stage 3	10	1	02SEP10	16SEP10	29
202190	Install Falsework N101/S1 Conn Sep Stage 3	5	1	17SEP10	23SEP10	29
202200	FRP Deck N101/S1 Conn Sep Stage 3	10	1	24SEP10	08OCT10	29
202210	Backfill Abutments 1 & 2 N101/S1 Conn Sep Stg 3	20	1	11OCT10	08NOV10	29
202220	FRP Approach Slabs N101/S1 Conn Sep Stage 3	15	1	09NOV10	30NOV10	42
202230	Install ST-10 Rail N101/S1 Conn Sep Stage 3	5	1	01DEC10	07DEC10	42
202240	Cure deck N101/S1 Con Sep Stage 3	10	2	09OCT10	18OCT10	101
202250	Strip Falsework N101/S1 Conn Sep Stage 3	5	1	19OCT10	25OCT10	72
Stage 4						
300290	N101/S1 Conn Sep Stage 4 Hammock	35*	1	01JUL10	18AUG10	114
300300	Demo Portion Exist Br &Ret Wall N101/S1 Conn Sep	5	1	01JUL10	07JUL10	114
300310	FRP Ftg for Abutment 1 & 2 Stage 4	5	1	08JUL10	14JUL10	114
300320	FRP Walls Abutment 1 & 2 Stage 4	10	1	15JUL10	28JUL10	114
300340	Install Falsework N101/S1 Conn Sep Stage 4	5	1	29JUL10	04AUG10	114
300350	FRP Deck N101/S1 Conn Sep Stage 4	5	1	05AUG10	11AUG10	114
300360	Backfill Abutments 1 & 2 N101/S1 Conn Sep Stg 4	5	1	12AUG10	18AUG10	114
300370	FRP Approach Slabs N101/S1 Conn Sep Stage 4	15	1	19AUG10	09SEP10	114
300380	Install ST-10 Rail N101/S1 Conn Sep Stage 4	5	1	10SEP10	16SEP10	114
300390	Cure deck N101/S1 Conn Sep Stage 4	10	2	12AUG10	21AUG10	330
300400	Strip Falsework N101/S1 Conn Sep Stage 4	5	1	23AUG10	27AUG10	227
300410	FRP Roadway Slab N101/S1 Conn All Stages	20	1	26OCT10	22NOV10	189
Presidio Viaduct						
Stage 1 Phase 1						
Columns						
110110	Complete Pile/FRP Column Bent 2	10	1	05AUG10	18AUG10	-25
110120	Complete Pile/FRP Column Bent 3R	10	1	08JUL10	21JUL10	-25
110125	Complete Pile/FRP Column Bent 3L	10	1	19AUG10	01SEP10	-25
110130	Complete Pile/FRP Columns Bent 4R	10	1	17SEP10	30SEP10	-25
110135	Complete Pile/FRP Columns Bent 4L	10	1	02SEP10	16SEP10	-25
110171	FRP Column Bent 5	15	1	17JUN10	07JUL10	-25
110174	FRP Column Bent 6	15	1	06APR10	26APR10	-14
110000	Excavate Presidio Viaduct Abut 1	5	1	10MAR10	16MAR10	65
110010	Install 24" CIDH Piles for Abutment 1	15	1	01JUL10	21JUL10	-10
110020	FRP Abutment 1 & Wingwalls	15	1	22JUL10	11AUG10	-10
110030	Excavate Abutment 7	3	1	09MAR10A	09MAR10	-10
110035	Install 24" CIDH Abutment 7	15	1	10MAR10	30MAR10	-10
110040	FRP Abutment 7	15	1	31MAR10	20APR10	82
110050	Install CIDH Pile Bent 2	12	1	02JUN10	17JUN10	-14
110060	Gamma Gamma Pile Bent 2	20	2	18JUN10	07JUL10	-21
110070	Install CIDH Pile Bent 3R	12	1	14MAY10	01JUN10	-14
110075	Install CIDH Pile Bent 3L	12	1	18JUN10	05JUL10	-11
110080	Gamma Gamma Pile Bent 3R	20	2	02JUN10	21JUN10	-19



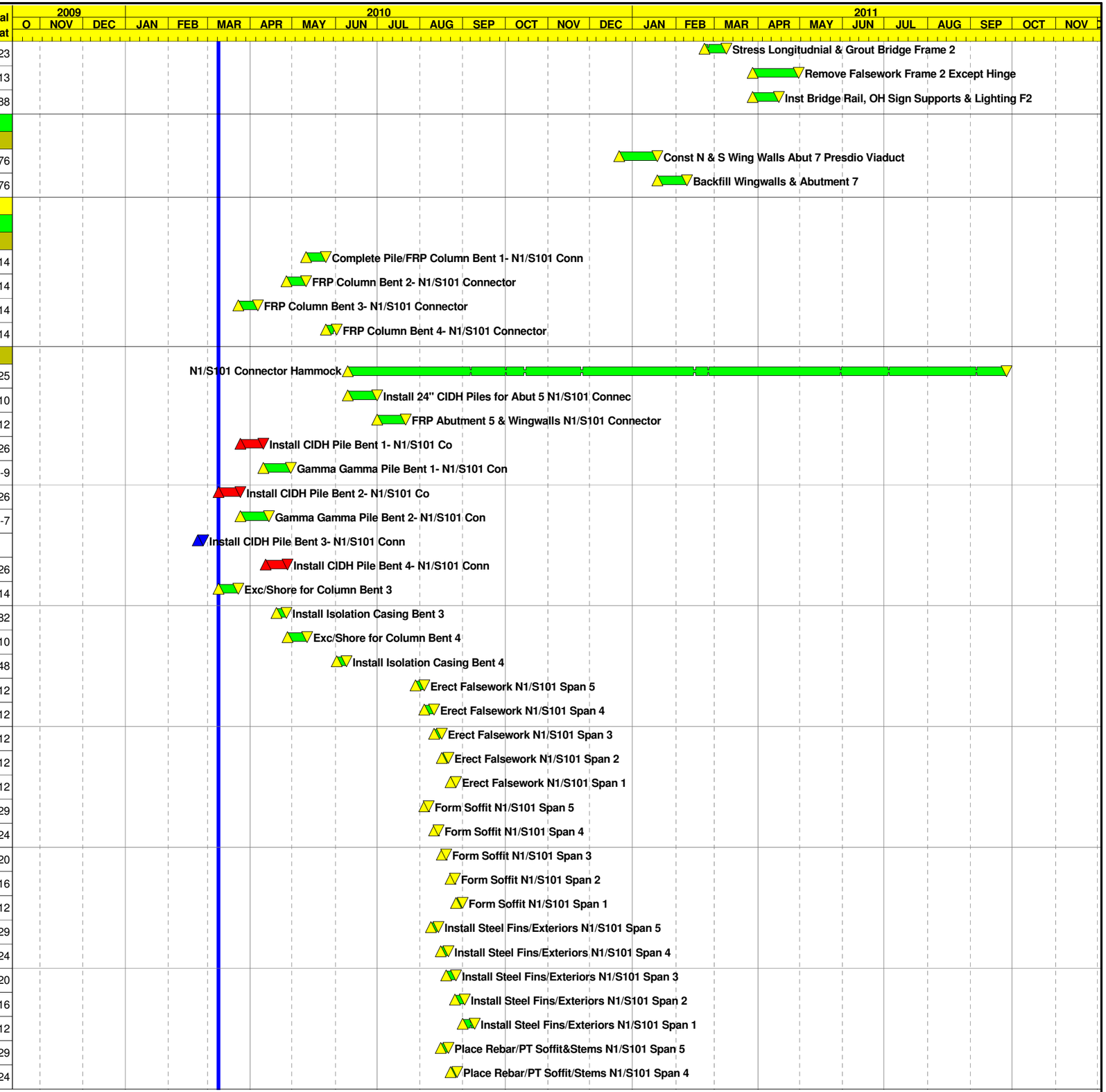
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
110085	Gamma Gamma Pile Bent 3L	20	2	06JUL10	25JUL10	-11
110090	Install CIDH Piles Bent 4R	12	1	22JUL10	06AUG10	-11
110095	Install CIDH Piles Bent 4L	12	1	06JUL10	21JUL10	-11
110100	Gamma Gamma Piles Bent 4R	20	2	07AUG10	26AUG10	-15
110102	Gamma Gamma Piles Bent 4L	20	2	22JUL10	10AUG10	-13
110105	Exc/Shore for Column Bent 2	10	1	22JUL10	04AUG10	-25
110115	Install Isolation Casing Bent 2	10	1	19AUG10	01SEP10	-25
110140	Install CIDH Pile Bent 5	12	1	28APR10	13MAY10	-26
110160	Gamma Gamma Pile Bent 5	20	2	14MAY10	02JUN10	-36
110165	Install CIDH Pile Bent 6	12	1	08MAR10A	09MAR10A	
110170	Exc/Shore for Column Bent 5	10	1	03JUN10	16JUN10	-25
110172	Install Isolation Casing Bent 5	10	1	08JUL10	21JUL10	27
110173	Exc/Shore for Column Bent 6	10	1	09MAR10	22MAR10	-4
110175	Install Isolation Casing Bent 6	10	1	27APR10	10MAY10	68
110180	Presidio Viaduct Frame 1 Hammock	336*	1	10MAR10	05JUL11	23
110182	Erect Falsework Span 1	10	1	02SEP10	16SEP10	-25
110184	Erect Falsework Span 2	10	1	17SEP10	30SEP10	-25
110186	Erect Falsework Span 3 to hinge	20	1	04OCT10	01NOV10	-25
110192	Form Soffit Span 1	5	1	17SEP10	23SEP10	69
110194	Form Soffit Span 2	6	1	04OCT10	11OCT10	49
110196	Form Soffit Span 3 to hinge	15	1	02NOV10	22NOV10	-25
110202	Install Steel Fins/Exteriors Span 1	5	1	24SEP10	30SEP10	69
110204	Install Steel Fins/Exteriors Span 2	6	1	12OCT10	20OCT10	49
110206	Install Steel Fins/Exteriors Span 3 to hinge	15	1	23NOV10	14DEC10	-25
110222	Install Rebar/PT Soffit/Stems Span 1	10	1	04OCT10	18OCT10	69
110224	Install Rebar/PT Soffit/Stems Span 2	12	1	21OCT10	05NOV10	49
110226	Install Rebar/PT Soffit/Stems Span 3 to hinge	20	1	15DEC10	11JAN11	-25
110232	Form Stems Span 1	10	1	19OCT10	01NOV10	69
110234	Form Stems Span 2	12	1	08NOV10	23NOV10	49
110236	Form Stems Span 3 to hinge	20	1	12JAN11	08FEB11	-25
110242	Pour Stems Span 1	2	1	02NOV10	03NOV10	69
110244	Pour Stems Span 2	2	1	24NOV10	26NOV10	49
110246	Pour Stems Span 3 to hinge	2	1	09FEB11	10FEB11	-25
110252	Form Deck Span 1	7	1	04NOV10	12NOV10	69
110254	Form Deck Span 2	9	1	29NOV10	09DEC10	49
110256	Form Deck Span 3 to hinge	18	1	11FEB11	10MAR11	-25
110262	Place Rebar Deck Span 1	5	1	15NOV10	19NOV10	69
110264	Place Rebar Deck Span 2	7	1	10DEC10	20DEC10	49
110266	Place Rebar Deck Span 3 to hinge	15	1	11MAR11	31MAR11	-25
110274	Pour Deck Span 1 & 2	2	1	21DEC10	22DEC10	49
110276	Pour Deck Span 3 to hinge	5	1	01APR11	07APR11	-25
110282	Cure Deck Span 1 & 2	10	2	23DEC10	01JAN11	71
110286	Deck Cure Span 3 to hinge	10	2	08APR11	17APR11	-35
110290	Stress & Grout Transverse PT Frame 1	10	1	18APR11	29APR11	-25



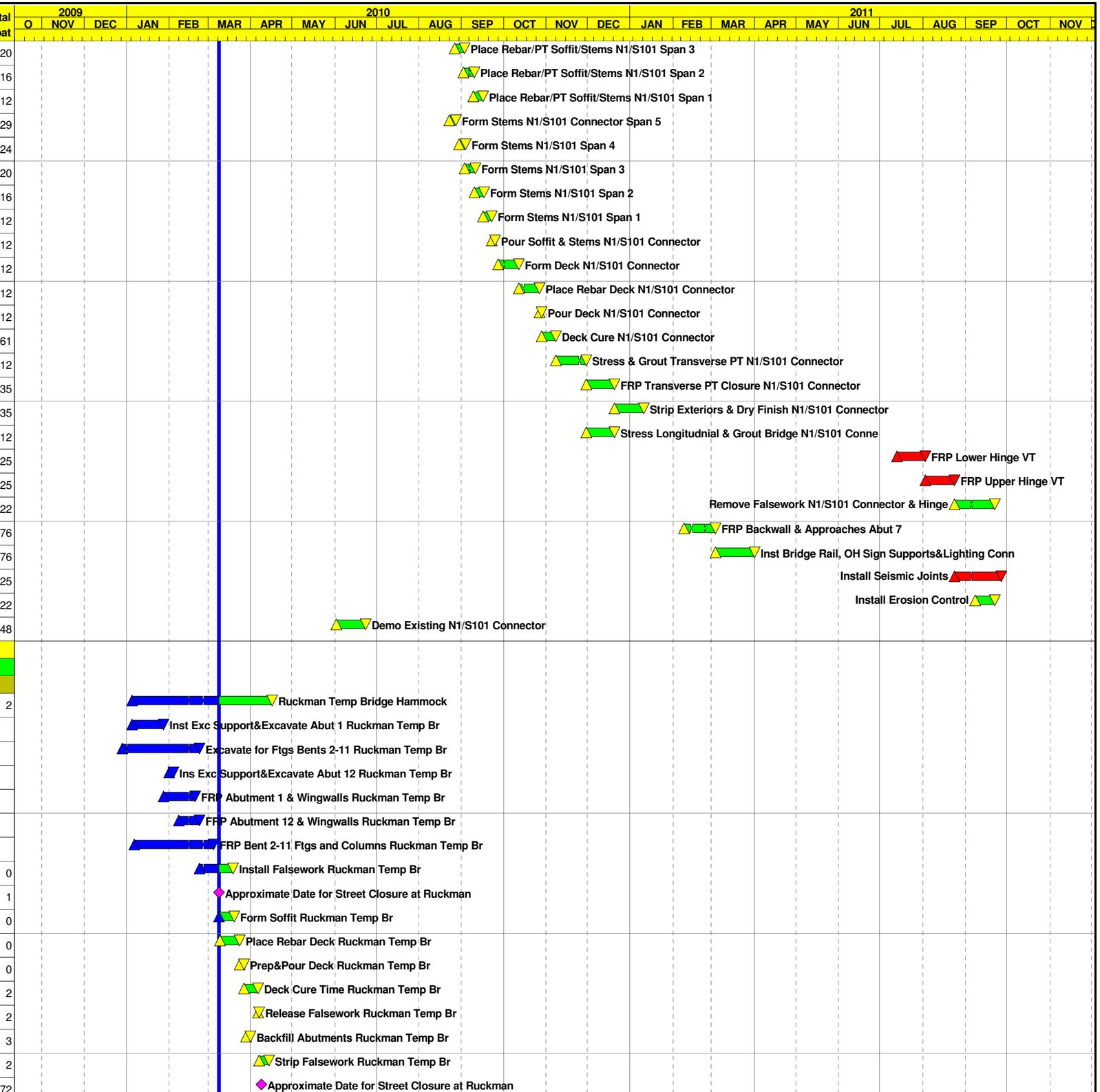
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
110292	FRP Transverse PT Closure and Temp Widening F1	15	1	02MAY11	20MAY11	23
110294	Strip Exteriors & Dry Finish Frame 1	15	1	16MAY11	06JUN11	23
110296	Stress Longitudnial & Grout Bridge Frame 1	10	1	02MAY11	13MAY11	-25
110298	Strip Falsework Frame 1 Except Hinge	20	1	07JUN11	05JUL11	23
110300	Paint Steel Fins Presidio Viaduct & Connector	10	1	06JUL11	19JUL11	23
110400	FRP Lower Hinge SB	20	1	16MAY11	13JUN11	-25
110405	FRP Upper Hinge SB	20	1	14JUN11	12JUL11	-25
110410	Strip Falsework Hinge SB	10	1	24AUG11	07SEP11	-12
110415	FRP Backwall at Abut 1	10	1	16MAY11	27MAY11	53
110420	Backfill Abutment 1	5	1	31MAY11	06JUN11	53
Stage 1 Phase 3						
110299	Presidio Viaduct Frame 2 Hammock	292*	1	09MAR10A	29APR11	-13
110302	Erect Falsework Span 6	10	1	11MAY10	24MAY10	68
110303	Approximate Date for N1/N101 Full Closures	0	1	18MAY10		345
110304	Erect Falsework Span 5	10	1	22JUL10	04AUG10	27
110305	Approximate Date for Lincoln Full Closures	0	1	27JUL10		296
110306	Erect Falsework Span 4	10	1	04OCT10	18OCT10	-13
110312	Form Soffit Span 6	10	1	25MAY10	08JUN10	95
110314	Form Soffit Span 5	10	1	05AUG10	18AUG10	37
110316	Form Soffit Span 4	10	1	19OCT10	01NOV10	-13
110322	Install Steel Fins/Exteriors Span 6	15	1	14JUL10	03AUG10	70
110324	Install Steel Fins/Exteriors Span 5	15	1	19AUG10	09SEP10	37
110326	Install Steel Fins/Exteriors Span 4	15	1	02NOV10	22NOV10	-13
110332	Install Rebar/PT Soffit/Stems Span 6	10	1	04AUG10	17AUG10	70
110334	Install Rebar/PT Soffit/Stems Span 5	10	1	10SEP10	23SEP10	37
110336	Install Rebar/PT Soffit/Stems Span 4	10	1	23NOV10	07DEC10	-13
110342	Form Stems Span 6	15	1	18AUG10	08SEP10	70
110344	Form Stems Span 5	12	1	24SEP10	12OCT10	37
110346	Form Stems Span 4	12	1	08DEC10	23DEC10	-13
110352	Pour Stems Span 6	2	1	13OCT10	14OCT10	47
110354	Pour Stems Span 5	2	1	13OCT10	14OCT10	37
110356	Pour Stems Span 4	2	1	24DEC10	27DEC10	-13
110362	Form Deck Span 6	5	1	18OCT10	22OCT10	47
110364	Form Deck Span 5	10	1	18OCT10	29OCT10	37
110366	Form Deck Span 4	10	1	28DEC10	10JAN11	-13
110372	Place Deck Rebar Span 6	5	1	25OCT10	29OCT10	47
110374	Place Rebar Deck Span 5	10	1	01NOV10	12NOV10	37
110376	Place Rebar Deck Span 4	10	1	11JAN11	24JAN11	-13
110380	Prep&Pour Deck Frame 2	2	1	25JAN11	26JAN11	-13
110382	Deck Cure Frame 2	10	2	27JAN11	05FEB11	-18
110384	Stress & Grout Transverse PT Frame 2	10	1	07FEB11	21FEB11	-13
110386	FRP Transverse PT Closure and Temp Widening f2	15	1	22FEB11	15MAR11	-13
110388	Strip Exteriors & Dry Finish Frame 2	15	1	07MAR11	25MAR11	-13



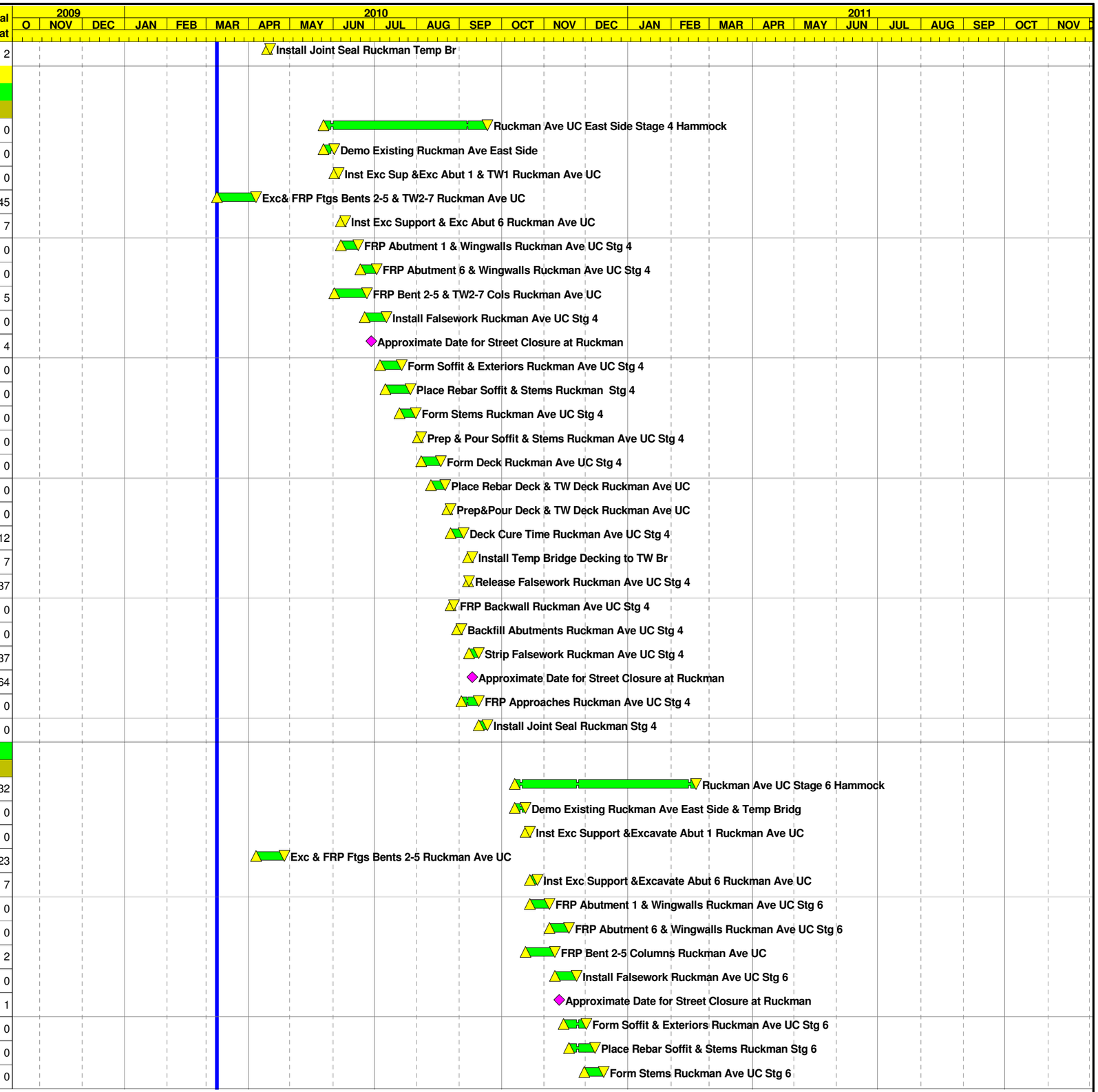
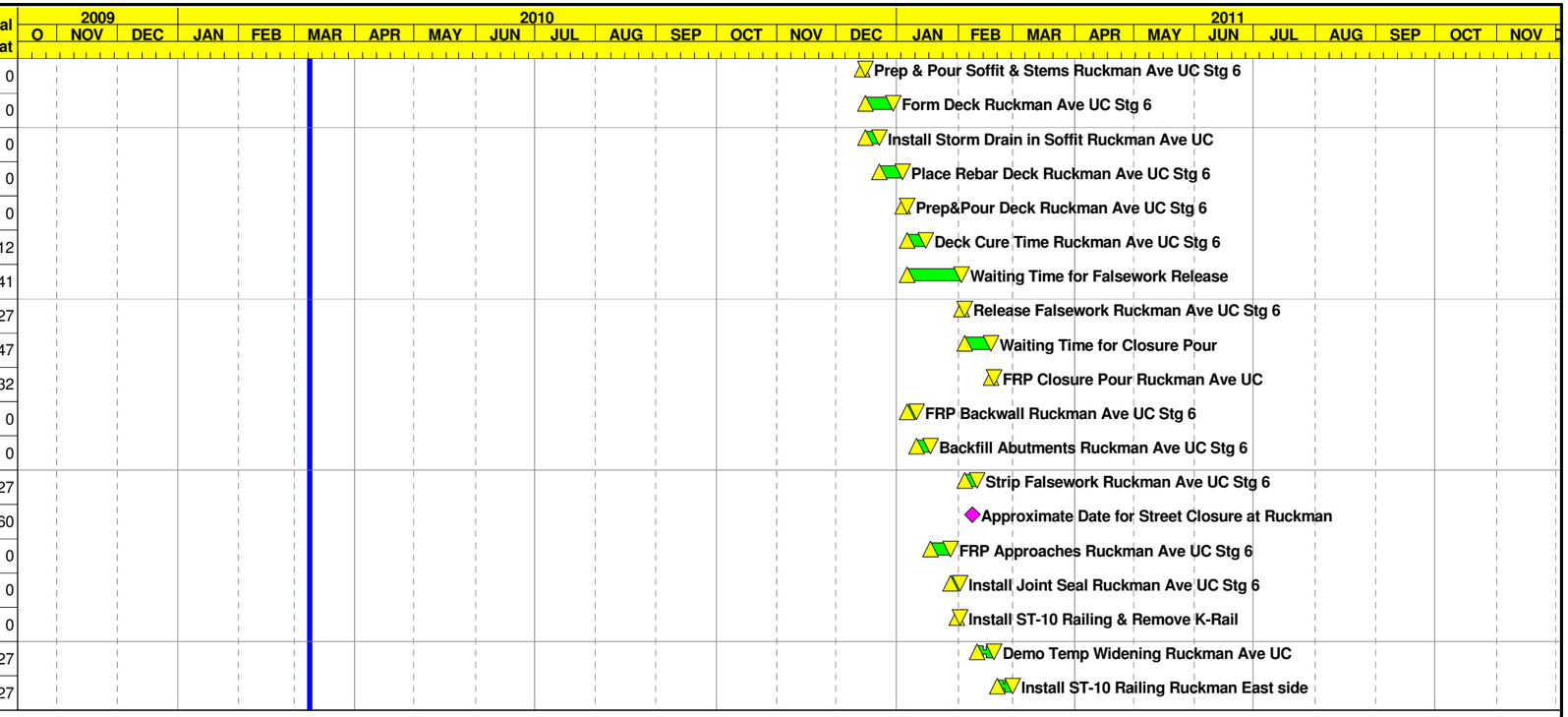
Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
110390	Stress Longitudnial & Grout Bridge Frame 2	10	1	22FEB11	08MAR11	23
110392	Remove Falsework Frame 2 Except Hinge	25	1	28MAR11	29APR11	-13
110430	Inst Bridge Rail, OH Sign Supports & Lighting F2	15	1	28MAR11	15APR11	88
Stage 3						
301100	Const N & S Wing Walls Abut 7 Presdio Viaduct	20	1	22DEC10	18JAN11	76
301110	Backfill Wingwalls & Abutment 7	15	1	19JAN11	08FEB11	76
N1/S101 Connector						
Stage 1 Phase 3						
Columns						
110530	Complete Pile/FRP Column Bent 1- N1/S101 Conn	10	1	11MAY10	24MAY10	-14
110540	FRP Column Bent 2- N1/S101 Connector	10	1	27APR10	10MAY10	-14
110550	FRP Column Bent 3- N1/S101 Connector	10	1	23MAR10	05APR10	-14
110560	FRP Column Bent 4- N1/S101 Connector	5	1	25MAY10	01JUN10	-14
110460	N1/S101 Connector Hammock	329*	1	10JUN10	26SEP11	-25
110470	Install 24" CIDH Piles for Abut 5 N1/S101 Connec	15	1	10JUN10	30JUN10	-10
110480	FRP Abutment 5 & Wingwalls N1/S101 Connector	15	1	01JUL10	21JUL10	112
110490	Install CIDH Pile Bent 1- N1/S101 Co	12	1	25MAR10	09APR10	-26
110495	Gamma Gamma Pile Bent 1- N1/S101 Con	20	2	10APR10	29APR10	-9
110500	Install CIDH Pile Bent 2- N1/S101 Co	12	1	09MAR10	24MAR10	-26
110505	Gamma Gamma Pile Bent 2- N1/S101 Con	20	2	25MAR10	13APR10	-7
110510	Install CIDH Pile Bent 3- N1/S101 Conn	12	1	22FEB10A	25FEB10A	
110520	Install CIDH Pile Bent 4- N1/S101 Conn	12	1	12APR10	27APR10	-26
110545	Exc/Shore for Column Bent 3	10	1	09MAR10	22MAR10	-14
110552	Install Isolation Casing Bent 3	5	1	20APR10	26APR10	182
110555	Exc/Shore for Column Bent 4	10	1	28APR10	11MAY10	-10
110565	Install Isolation Casing Bent 4	5	1	02JUN10	08JUN10	148
110570	Erect Falsework N1/S101 Span 5	4	1	29JUL10	03AUG10	112
110572	Erect Falsework N1/S101 Span 4	5	1	04AUG10	10AUG10	112
110574	Erect Falsework N1/S101 Span 3	4	1	11AUG10	16AUG10	112
110576	Erect Falsework N1/S101 Span 2	4	1	17AUG10	20AUG10	112
110578	Erect Falsework N1/S101 Span 1	4	1	23AUG10	26AUG10	112
110580	Form Soffit N1/S101 Span 5	3	1	04AUG10	06AUG10	129
110582	Form Soffit N1/S101 Span 4	3	1	11AUG10	13AUG10	124
110584	Form Soffit N1/S101 Span 3	3	1	17AUG10	19AUG10	120
110586	Form Soffit N1/S101 Span 2	3	1	23AUG10	25AUG10	116
110588	Form Soffit N1/S101 Span 1	3	1	27AUG10	31AUG10	112
110590	Install Steel Fins/Exteriors N1/S101 Span 5	5	1	09AUG10	13AUG10	129
110592	Install Steel Fins/Exteriors N1/S101 Span 4	5	1	16AUG10	20AUG10	124
110594	Install Steel Fins/Exteriors N1/S101 Span 3	5	1	20AUG10	26AUG10	120
110596	Install Steel Fins/Exteriors N1/S101 Span 2	5	1	26AUG10	01SEP10	116
110598	Install Steel Fins/Exteriors N1/S101 Span 1	5	1	01SEP10	08SEP10	112
110600	Place Rebar/PT Soffit&Stems N1/S101 Span 5	5	1	16AUG10	20AUG10	129
110602	Place Rebar/PT Soffit/Stems N1/S101 Span 4	5	1	23AUG10	27AUG10	124



Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
110604	Place Rebar/PT Soffit/Stems N1/S101 Span 3	5	1	27AUG10	02SEP10	120
110606	Place Rebar/PT Soffit/Stems N1/S101 Span 2	5	1	02SEP10	09SEP10	116
110608	Place Rebar/PT Soffit/Stems N1/S101 Span 1	5	1	09SEP10	15SEP10	112
110610	Form Stems N1/S101 Connector Span 5	5	1	23AUG10	27AUG10	129
110612	Form Stems N1/S101 Span 4	5	1	30AUG10	03SEP10	124
110614	Form Stems N1/S101 Span 3	5	1	03SEP10	10SEP10	120
110616	Form Stems N1/S101 Span 2	5	1	10SEP10	16SEP10	116
110618	Form Stems N1/S101 Span 1	5	1	16SEP10	22SEP10	112
110620	Pour Soffit & Stems N1/S101 Connector	2	1	23SEP10	24SEP10	112
110630	Form Deck N1/S101 Connector	10	1	27SEP10	11OCT10	112
110640	Place Rebar Deck N1/S101 Connector	10	1	12OCT10	26OCT10	112
110650	Pour Deck N1/S101 Connector	2	1	27OCT10	28OCT10	112
110660	Deck Cure N1/S101 Connector	10	2	29OCT10	07NOV10	161
110670	Stress & Grout Transverse PT N1/S101 Connector	15	1	08NOV10	29NOV10	112
110680	FRP Transverse PT Closure N1/S101 Connector	15	1	30NOV10	20DEC10	135
110690	Strip Exteriors & Dry Finish N1/S101 Connector	15	1	21DEC10	10JAN11	135
110700	Stress Longitudnial & Grout Bridge N1/S101 Conne	15	1	30NOV10	20DEC10	112
110710	FRP Lower Hinge VT	15	1	13JUL11	02AUG11	-25
110715	FRP Upper Hinge VT	15	1	03AUG11	23AUG11	-25
110720	Remove Falsework N1/S101 Connector & Hinge	20	1	24AUG11	21SEP11	-22
110730	FRP Backwall & Approaches Abut 7	15	1	09FEB11	03MAR11	76
110740	Inst Bridge Rail, OH Sign Supports&Lighting Conn	20	1	04MAR11	31MAR11	76
110750	Install Seismic Joints	23	1	24AUG11	26SEP11	-25
110760	Install Erosion Control	10	1	08SEP11	21SEP11	-22
131100	Demo Existing N1/S101 Connector	15	1	02JUN10	22JUN10	48
Ruckman UC Temp Bridge						
Stage 1 Phase 1						
111100	Ruckman Temp Bridge Hammock	72*	1	05JAN10A	16APR10	2
111110	Inst Exc Support&Excavate Abut 1 Ruckman Temp Br	3	1	05JAN10A	27JAN10A	
111120	Excavate for Ftgs Bents 2-11 Ruckman Temp Br	3	1	29DEC09A	22FEB10A	
111130	Ins Exc Support&Excavate Abut 12 Ruckman Temp Br	5	1	01FEB10A	03FEB10A	
111140	FRP Abutment 1 & Wingwalls Ruckman Temp Br	12	1	28JAN10A	19FEB10A	
111150	FRP Abutment 12 & Wingwalls Ruckman Temp Br	12	1	08FEB10A	22FEB10A	
111160	FRP Bent 2-11 Ftgs and Columns Ruckman Temp Br	8	1	07JAN10A	04MAR10A	
111170	Install Falsework Ruckman Temp Br	12	1	23FEB10A	18MAR10	0
111172	Approximate Date for Street Closure at Ruckman	0	1	09MAR10		1
111180	Form Soffit Ruckman Temp Br	10	1	09MAR10A	19MAR10	0
111190	Place Rebar Deck Ruckman Temp Br	10	1	10MAR10	23MAR10	0
111240	Prep&Pour Deck Ruckman Temp Br	3	1	24MAR10	26MAR10	0
111250	Deck Cure Time Ruckman Temp Br	10	2	27MAR10	05APR10	2
111260	Release Falsework Ruckman Temp Br	1	1	06APR10	06APR10	2
111280	Backfill Abutments Ruckman Temp Br	3	1	29MAR10	31MAR10	3
111290	Strip Falsework Ruckman Temp Br	5	1	07APR10	13APR10	2
111292	Approximate Date for Street Closure at Ruckman	0	1	09APR10		372



Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
111310	Install Joint Seal Ruckman Temp Br	3	1	14APR10	16APR10	2
Ruckman Ave UC						
Stage 4						
120100	Ruckman Ave UC East Side Stage 4 Hammock	83*	1	25MAY10	20SEP10	0
120105	Demo Existing Ruckman Ave East Side	5	1	25MAY10	01JUN10	0
120110	Inst Exc Sup &Exc Abut 1 & TW1 Ruckman Ave UC	3	1	02JUN10	04JUN10	0
120120	Exc& FRP Ftgs Bents 2-5 & TW2-7 Ruckman Ave UC	20	1	09MAR10	05APR10	45
120130	Inst Exc Support & Exc Abut 6 Ruckman Ave UC	3	1	07JUN10	09JUN10	7
120160	FRP Abutment 1 & Wingwalls Ruckman Ave UC Stg 4	10	1	07JUN10	18JUN10	0
120180	FRP Abutment 6 & Wingwalls Ruckman Ave UC Stg 4	10	1	21JUN10	02JUL10	0
120190	FRP Bent 2-5 & TW2-7 Cols Ruckman Ave UC	18	1	02JUN10	25JUN10	5
120200	Install Falsework Ruckman Ave UC Stg 4	12	1	24JUN10	09JUL10	0
120202	Approximate Date for Street Closure at Ruckman	0	1	29JUN10		4
120210	Form Soffit & Exteriors Ruckman Ave UC Stg 4	12	1	05JUL10	20JUL10	0
120220	Place Rebar Soffit & Stems Ruckman Stg 4	12	1	09JUL10	26JUL10	0
120230	Form Stems Ruckman Ave UC Stg 4	10	1	19JUL10	30JUL10	0
120240	Prep & Pour Soffit & Stems Ruckman Ave UC Stg 4	2	1	02AUG10	03AUG10	0
120250	Form Deck Ruckman Ave UC Stg 4	10	1	04AUG10	17AUG10	0
120260	Place Rebar Deck & TW Deck Ruckman Ave UC	8	1	11AUG10	20AUG10	0
120270	Prep&Pour Deck & TW Deck Ruckman Ave UC	2	1	23AUG10	24AUG10	0
120280	Deck Cure Time Ruckman Ave UC Stg 4	10	2	25AUG10	03SEP10	12
120290	Install Temp Bridge Decking to TW Br	3	1	07SEP10	09SEP10	7
120300	Release Falsework Ruckman Ave UC Stg 4	1	1	07SEP10	07SEP10	37
120310	FRP Backwall Ruckman Ave UC Stg 4	3	1	25AUG10	27AUG10	0
120320	Backfill Abutments Ruckman Ave UC Stg 4	3	1	30AUG10	01SEP10	0
120330	Strip Falsework Ruckman Ave UC Stg 4	5	1	08SEP10	14SEP10	37
120332	Approximate Date for Street Closure at Ruckman	0	1	10SEP10		264
120340	FRP Approaches Ruckman Ave UC Stg 4	8	1	02SEP10	14SEP10	0
120350	Install Joint Seal Ruckman Stg 4	4	1	15SEP10	20SEP10	0
Stage 6						
210000	Ruckman Ave UC Stage 6 Hammock	92*	1	11OCT10	18FEB11	32
210100	Demo Existing Ruckman Ave East Side & Temp Bridg	5	1	11OCT10	18OCT10	0
210110	Inst Exc Support &Excavate Abut 1 Ruckman Ave UC	3	1	19OCT10	21OCT10	0
210120	Exc & FRP Ftgs Bents 2-5 Ruckman Ave UC	15	1	06APR10	26APR10	123
210130	Inst Exc Support &Excavate Abut 6 Ruckman Ave UC	3	1	22OCT10	26OCT10	7
210160	FRP Abutment 1 & Wingwalls Ruckman Ave UC Stg 6	10	1	22OCT10	04NOV10	0
210180	FRP Abutment 6 & Wingwalls Ruckman Ave UC Stg 6	10	1	05NOV10	18NOV10	0
210190	FRP Bent 2-5 Columns Ruckman Ave UC	15	1	19OCT10	08NOV10	2
210200	Install Falsework Ruckman Ave UC Stg 6	12	1	09NOV10	24NOV10	0
210202	Approximate Date for Street Closure at Ruckman	0	1	12NOV10		1
210210	Form Soffit & Exteriors Ruckman Ave UC Stg 6	12	1	15NOV10	01DEC10	0
210220	Place Rebar Soffit & Stems Ruckman Stg 6	12	1	19NOV10	07DEC10	0
210230	Form Stems Ruckman Ave UC Stg 6	10	1	30NOV10	13DEC10	0



Activity ID	Activity Description	Orig Dur	Cal ID	Early Start	Early Finish	Total Float
210240	Prep & Pour Soffit & Stems Ruckman Ave UC Stg 6	2	1	14DEC10	15DEC10	0
210250	Form Deck Ruckman Ave UC Stg 6	10	1	16DEC10	29DEC10	0
210255	Install Storm Drain in Soffit Ruckman Ave UC	5	1	16DEC10	22DEC10	0
210260	Place Rebar Deck Ruckman Ave UC Stg 6	8	1	23DEC10	03JAN11	0
210270	Prep&Pour Deck Ruckman Ave UC Stg 6	2	1	04JAN11	05JAN11	0
210280	Deck Cure Time Ruckman Ave UC Stg 6	10	2	06JAN11	15JAN11	12
210295	Waiting Time for Falsework Release	28	2	06JAN11	02FEB11	41
210300	Release Falsework Ruckman Ave UC Stg 6	1	1	03FEB11	03FEB11	27
210305	Waiting Time for Closure Pour	14	2	04FEB11	17FEB11	47
210307	FRP Closure Pour Ruckman Ave UC	1	1	18FEB11	18FEB11	32
210310	FRP Backwall Ruckman Ave UC Stg 6	3	1	06JAN11	10JAN11	0
210320	Backfill Abutments Ruckman Ave UC Stg 6	5	1	11JAN11	17JAN11	0
210330	Strip Falsework Ruckman Ave UC Stg 6	5	1	04FEB11	10FEB11	27
210332	Approximate Date for Street Closure at Ruckman	0	1	08FEB11		160
210340	FRP Approaches Ruckman Ave UC Stg 6	8	1	18JAN11	27JAN11	0
210350	Install Joint Seal Ruckman Ave UC Stg 6	3	1	28JAN11	01FEB11	0
210360	Install ST-10 Railing & Remove K-Rail	2	1	31JAN11	01FEB11	0
210370	Demo Temp Widening Ruckman Ave UC	5	1	11FEB11	18FEB11	27
210380	Install ST-10 Railing Ruckman East side	5	1	21FEB11	28FEB11	27