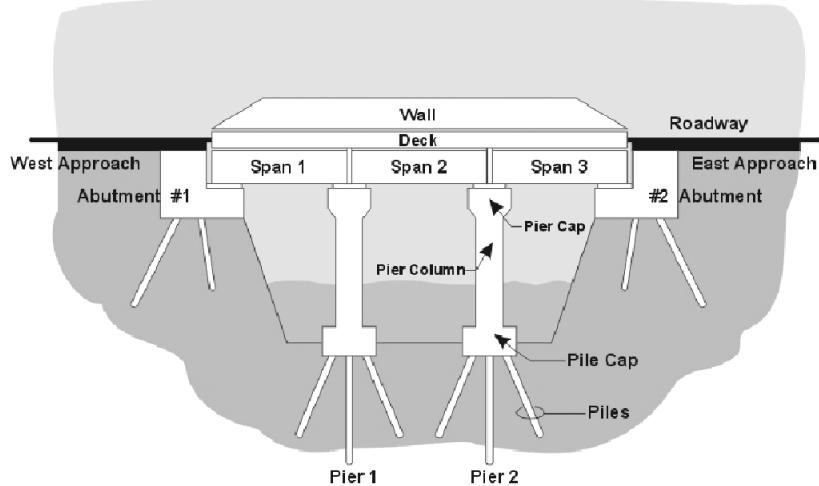


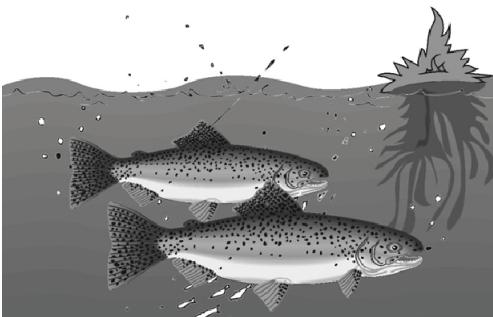
# The Project (TIA)



## Baseline Schedule

## The Change

On February 1, the owner informed the contractor that to accommodate the spawning season this year, the project's environmental permit had been modified. The second cofferdam, located in a flowing portion of the river, could not be installed until March.



## Update for Change

Activity ID	Early Start	Early Finish	Dur	% Comp/Float	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
					101	102	103	104	105	106	107	108	
1	05JAN10	04JUN10	6	100	NOTICE TO PROCEED								
5	07JAN10	04JUN10	6	100		MOBILIZATION							
14	12JAN10	04JUN10	6	100			SET UP PILE DRIVER						
25	07JAN10	13JUN10	6	100			CLEAR & GRUB SWATHES						
30	07JAN10	07JUN10	6	100				COFFERDAM - EAST APPROACH					
33	12JAN10	07JUN10	6	100					COFFERDAM - WEST APPROACH				
45	14JAN10	27JUN10	6	100						FORM, REIN & POUR - ABUT1			
10	21JAN10	27JUN10	6	100						COFFERDAM - PIER 1			
13	28JAN10	27JUN10	6	100						FORM, REIN & POUR - ABUT2			
100	01FEB10	12FEB10	10	0	79					COFFERDAM - PIER 2			
50	12FEB10	18FEB10	6	0	3					PILE - PIER 1			
52	14FEB10	18FEB10	6	0	4					PILE - PIER 2			
105	19FEB10	19FEB10	6	0	81					GRADE WEST APPROACH			
40	19FEB10	11MAR10	6	0	0					PILE CAP - PIER 1			
65	25FEB10	11MAR10	6	0	0					PILE CAP - PIER 2			
60	25FEB10	25FEB10	6	0	6					PILE CAP - PIER 3			
75	19FEB10	25FEB10	6	0	13					PILE CAP - PIER 4			
119	25FEB10	25FEB10	6	0	17					PILE CAP - PIER 5			
110	22FEB10	24FEB10	2	0	83					PILE CAP - PIER 6			
120	25FEB10	26FEB10	2	0	83					PILE CAP - PIER 7			
103	26FEB10	26FEB10	6	0	0					PILE CAP - PIER 8			
05	2 FEB10	04MAR10	6	0	6					PILE CAP - PIER 9			
95	2 FEB10	04MAR10	6	0	13					PILE CAP - PIER 10			
142	12FEB10	04MAR10	6	0	17					PILE CAP - PIER 11			
130	01MAR10	03MAR10	3	0	83					PILE CAP - PIER 12			
127	04MAY10	105MAY10	2	0	81					PILE CAP - PIER 13			
145	05MAY10	105MAY10	6	0	3					PILE CAP - PIER 14			
172	05MAY10	105MAY10	6	0	81					PILE CAP - PIER 15			
160	12MAY10	22APR11	36	0	0					PILE CAP - PIER 16			
135	12MAY10	20MAY11	10	0	0					PILE CAP - PIER 17			
143	12MAY10	20MAY11	10	0	0					PILE CAP - PIER 18			
147	26MAY10	05APR11	16	0	9					PILE CAP - PIER 19			
155	26MAY10	06APR11	7	0	6					PILE CAP - PIER 20			
157	26MAY10	06APR11	7	0	6					PILE CAP - PIER 21			
155	23APR10	20APR11	2	0	6					PILE CAP - PIER 22			
175	27APR10	03MAY10	5	0	0					PILE CAP - PIER 23			
179	27APR10	03MAY10	5	0	0					PILE SET - SPAN 1			
200	29APR10	30APR10	2	0	24					PILE SET - SPAN 2			
230	03MAY10	04MAY10	2	0	24					PILE SET - SPAN 3			
108	03MAY10	04MAY10	2	0	0					PILE SET - SPAN 4			
160	04MAY10	05MAY10	6	0	6					PILE SET - SPAN 5			
220	07MAY10	20MAY10	10	0	0					PILE DECAS - SPAN 1			
213	07MAY10	20MAY10	10	0	0					PILE DECAS - SPAN 2			
210	11MAY10	17MAY10	5	0	16					PILE DECAS - SPAN 3			
235	18MAY10	20MAY10	3	0	16					PILE DECAS - SPAN 4			
240	21MAY10	21MAY10	6	0	0					PILE DECAS - SPAN 5			
240	21MAY10	03JUN10	6	0	0					PILE DECAS - SPAN 6			
247	29MAY10	27MAY10	3	0	16					PILE DECAS - SPAN 7			
238	29MAY10	27MAY10	3	0	0					PILE DECAS - SPAN 8			
233	18JUN10	01JUL10	16	0	0					PILE & POUR - SPAN 4			
260	02AUG10	16AUG10	16	0	0					PILE & POUR - SPAN 5			
209	18AUG10	19AUG10	1	0	0					PILE & POUR - SPAN 6			
										PILE & WALLS - SPAN 1			
										PILE & WALLS - SPAN 2			
										PILE & WALLS - SPAN 3			
										PILE & WALLS - SPAN 4			
										PILE & WALLS - SPAN 5			
										PILE & WALLS - SPAN 6			
										PILE & WALLS - SPAN 7			
										PILE & WALLS - SPAN 8			
										PILE & WALLS - SPAN 9			
										PILE & WALLS - SPAN 10			
										PILE & WALLS - SPAN 11			
										PILE & WALLS - SPAN 12			
										PILE & WALLS - SPAN 13			
										PILE & WALLS - SPAN 14			
										PILE & WALLS - SPAN 15			
										PILE & WALLS - SPAN 16			
										PILE & WALLS - SPAN 17			
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										PILE & WALLS - SPAN 19			
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										PILE & WALLS - SPAN 74			
										PILE & WALLS - SPAN 75			
										PILE & WALLS - SPAN 76			
										PILE & WALLS - SPAN 77			
										PILE & WALLS - SPAN 78			
										PILE & WALLS - SPAN 79			

## Update for Change

**SECOND**, Identify the Current Project Completion Date:  
**July 19, 2010**

# Adjust for Change

**THIRD**, Adjust the schedule for the change,  
*Adding in an activity for the restricted period, which could also have used a constraint or calendar.*

## Adjust for Change

Activity ID	Early Start	Early Finish	Rem Dur	% Complete	Total	JAN	FEB	MAR	APR	2010	MAY	JUN	JUL	AUG	
						11	12	13	14	15	16	17	18	19	
1	06JAN10A	06JAN10A	0	100											
5	07JAN10A	07JAN10A	0	100											
14	08JAN10A	08JAN10A	0	100											
15	09JAN10A	25JAN10A	6	100											
25	09JAN10A	13JAN10A	6	100											
30	09JAN10A	09JAN10A	0	100											
20	11JAN10A	18FEB10	14	30	3										
45	14JAN10A	27JAN10A	6	100											
19	21JAN10A	27JAN10A	6	100											
17	23JAN10A	27JAN10A	6	100											
100	0														
35	0														
39	0														
66	0														
103	0														
40	1														
75	08MAR10	12MARCH	6	0	0										
119	22FEB10	26FEB10	4	0	0										
120	24FEB10	26FEB10	2	0	88										
80	24FEB10	11MARCH	16	0	6										
165	05MAR10	10MARCH	6	0	6										
95	16MAR10	19MARCH	3	0	84										
125	01MARCH	10MARCH	3	0	84										
137	04MARCH	10MARCH	2	0	84										
127	04MARCH	10MARCH	2	0	84										
145	22MARCH	10MARCH	6	0	6										
255	08MARCH	10MARCH	3	0	84										
138	10MARCH	10MARCH	0	0	0										
139	22MARCH	10MARCH	16	0	6										
140	12MARCH	22MARCH	7	0	12										
141	14MARCH	22MARCH	6	0	3										
155	05APR10	13APR10	7	0	3										
157	19APR10	27APR10	7	0	0										
158	20APR10	27APR10	7	0	0										
175	30APR10	06MAY10	6	0	6										
170	30APR10	03MAY10	2	0	6										
203	03MAY10	04MAY10	1	0	24										
230	06MAY10	07MAY10	2	0	24										
166	07MAY10	11MAY10	3	0	0										
167	12MAY10	16MAY10	4	0	0										
220	12MAY10	25MAY10	16	0	0										
215	14MAY10	19MAY10	3	0	8										
235	21MAY10	29MAY10	3	0	10										
245	21MAY10	27MAY10	6	0	18										
246	24MAY10	27MAY10	3	0	3										
247	26MAY10	01JUN10	3	0	18										
250	08JUN10	22JUN10	16	0	0										
253	12JUL10	22JUL10	10	0	0										
259	08AUG10	12JUL10	16	0	0										
260	22AUG10	22JUL10	1	0	0										

**THIRD, Adjust the schedule for the change, activity for the period, which could be a constraint or calendar.**

Activity ID	Early Start	Early Finish	Rem Dur	% Complete	Total	JAN	FEB	MAR	APR	2010	MAY	JUN	JUL	AUG	
						11	12	13	14	15	16	17	18	19	
1	06JAN10A	06JAN10A	0	100											
5	07JAN10A	07JAN10A	0	100											
14	08JAN10A	08JAN10A	0	100											
15	09JAN10A	25JAN10A	6	100											
25	09JAN10A	13JAN10A	6	100											
30	09JAN10A	09JAN10A	0	100											
20	11JAN10A	18FEB10	14	30	3										
45	14JAN10A	27JAN10A	6	100											
19	21JAN10A	27JAN10A	6	100											
17	23JAN10A	27JAN10A	6	100											
100	0														
35	0														
39	0														
66	0														
103	0														
40	1														
75	08MAR10	12MARCH	6	0	0										
119	22FEB10	26FEB10	4	0	0										
120	24FEB10	26FEB10	2	0	88										
80	24FEB10	11MARCH	16	0	6										
165	05MAR10	10MARCH	6	0	6										
95	16MAR10	19MARCH	3	0	84										
125	01MARCH	10MARCH	3	0	84										
137	04MARCH	10MARCH	2	0	84										
127	04MARCH	10MARCH	2	0	84										
145	22MARCH	10MARCH	6	0	6										
255	08MARCH	10MARCH	3	0	84										
138	10MARCH	10MARCH	0	0	0										
139	22MARCH	10MARCH	16	0	6										
140	12MARCH	22MARCH	7	0	12										
141	14MARCH	22MARCH	6	0	3										
155	05APR10	13APR10	7	0	3										
157	19APR10	27APR10	7	0	0										
158	20APR10	27APR10	7	0	0										
165	26APR10	02APR10	26	0	0										
166	01APR10	26APR10	5	0	0										
168	01APR10	16APR10	5	0	84										
169	01APR10	20MAY10	3	0	84										
170	03APR10	03MAY10	2	0	6										
200	04MAY10	09MAY10	2	0	24										
203	04MAY10	10MAY10	2	0	24										
205	05MAY10	11MAY10	3	0	0										
166	07MAY10	11MAY10	3	0	0										
167	07MAY10	13MAY10	6	0	0										
210	09MAY10	13MAY10	3	0	0										
215	14MAY10	19MAY10	3	0	8										
216	14MAY10	20MAY10	6	0	10										
217	15MAY10	20MAY10	5	0	10										
245	21MAY10	27MAY10	6	0	18										
246	21MAY10	08JUN10	6	0	0										
247	24MAY10	08JUN10	6	0	0										
250	08JUN10	22JUN10	16	0	0										
253	23JUN10	07JUL10	1	0	0										
259	08AUG10	12JUL10	0	0	0										

**FOURTH, Identify the Current Project Completion Date: July 22, 2010**

**Don't forget to run the schedule**

**Note that the critical path has changed**

## Evaluate the Results (TIA)

- What was the completion date?
  - Before the change: July 19
  - After the change: July 22
- The change order issued for the permit revision should include a 3-day time extension.
- Alternately, the work could be accelerated to mitigate the delay and achieve timely completion.