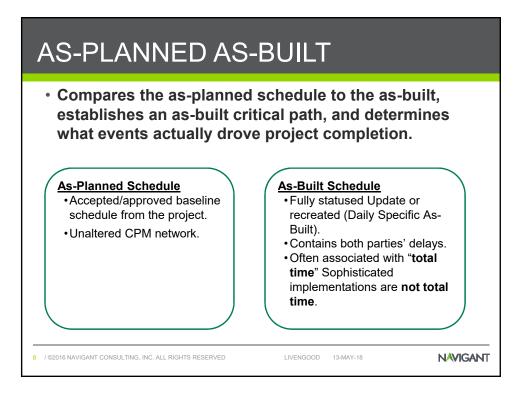
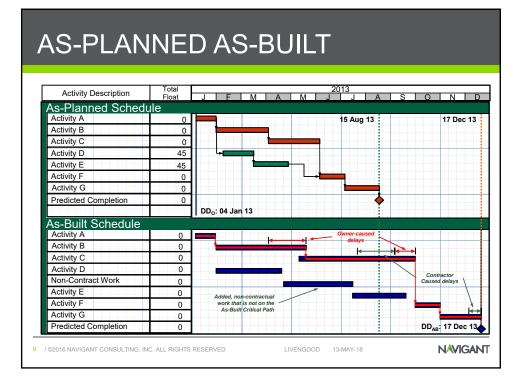


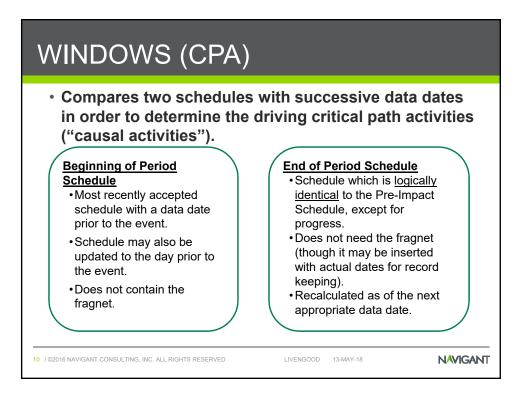
SCL -	- DEL Method of Analysis	AY DI	SRUP Critical Path Determined	Delay Impact Determined	PROTOCO Requires		
6.6.a	Impacted As- Planned Analysis	Cause & Effect	Prospectively	Prospectively	 Logic linked baseline programme. A selection of delay events to be modelled. 		
6.6.b	Time Impact Analysis	Cause & Effect	Contemporaneously	Prospectively	Logic linked baseline programme. Update programmes or prograss information with which to update the baseline programme. A selection of delay events to be modelled.		
5.6.C	Time Silce Windows Analysis	Effect & Cause	Contemporaneously	Retrospectively	 Logic linked baseline progenance. Update programmes or prograss information with which to update the baseline programme. 		
6.6.d	As-Planned versus As- Built Windows Analysis	Effect & Cause	Contemporaneously	Retrospectively	 Baseline programme. As-built data. 		
6.6.e	Retrospective Longest Path Analysis	Effect & Cause	Retrospectively	Retrospectively	 Baseline Programme. As-built programme. 		
6.6.£ ©2016 N	CollapsedAs- Built An alysis	Cause & Effect	Retrospectively	Retrospectively	Logic linked as-built programme. A selection of delay events to be modelled.		

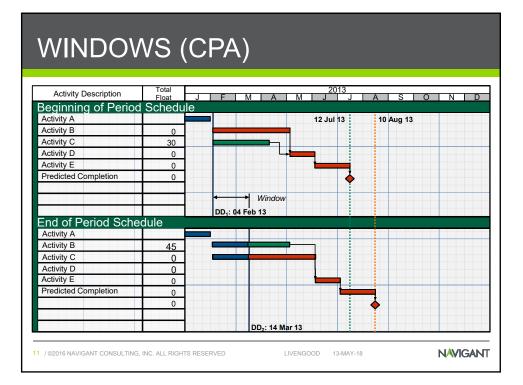
al	As Discussed As Duilt	Single Base	As-Planned As-Built (MIP 3.1)			
Observationa	As-Planned As-Built	Multiple Base	As-Planned As-Built (MIP 3.2)			
	Windows	Contemporaneous As-Is	Contemporaneous Perio Analysis (MIP 3.3)			
	(Contemporaneous	Bifurcated Contemporaneous	Bifurcated CPA (MIP 3.4			
	Period Analysis)	Recreated/Modified	Recreated CPA (MIP 3.5			
Modeled	Time Import Applysic	Single Base	Impacted As-Planned (MIP 3.6)			
	Time Impact Analysis	Multiple Base	Retrospective TIA (MIP 3.7)			
	Colleged As Duilt	Single Simulation	Collapsed As-Built (Single) (MIP3.8)			
	Collapsed As-Built	Multiple Simulation	Collapsed As-Built (Multiple) (MIP3.9)			

	•					
DDP2	Common Name	RP29R-03				
Name	Name					
As-Planned v. As-Built Windows	АРАВ	Observational / Static / Gross Observational/Dynamic/ Periodic				
Time Slice Analysis	Windows					
Time Impact Analysis TIA Modeled//		Modeled/Additive/Multipl Base				
Collapsed As-Built	САВ	Modeled/Subtractive/ Single Base				









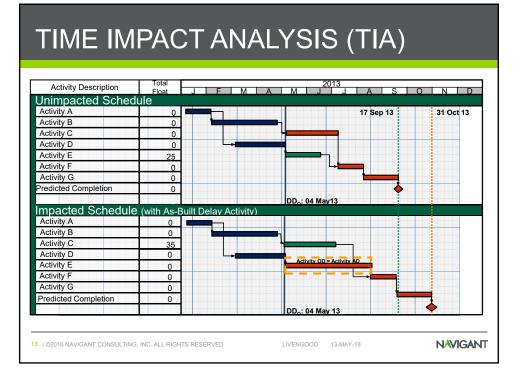
TIME IMPACT ANALYSIS (TIA) Takes a delay event, using its <u>actual</u> duration, and inserts it into the unimpacted schedule to show that event's alleged impact on the contractor's original plan. <u>Unimpacted Schedule</u> Impacted As-Planned uses

- the original baseline schedule as the unimpacted schedule.
- Retrospective TIA typically uses one of the updated schedules, though implementations vary.
- Schedule with an identical da date, and which is <u>logically</u> <u>identical</u> to the Unimpacted Schedule, <u>except for the As-</u> <u>Built Activity</u>.
- •As-Built Activity is inserted into the network, logically tied into the impacted activity.

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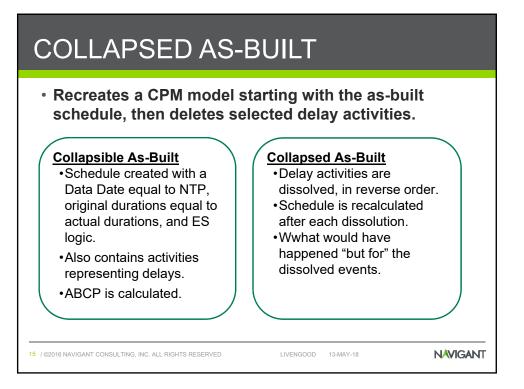
LIVENGOOD 13-MAY-18

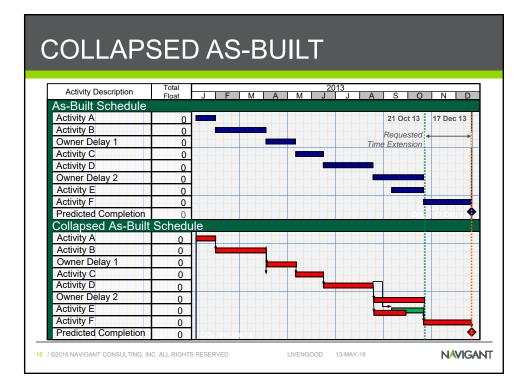
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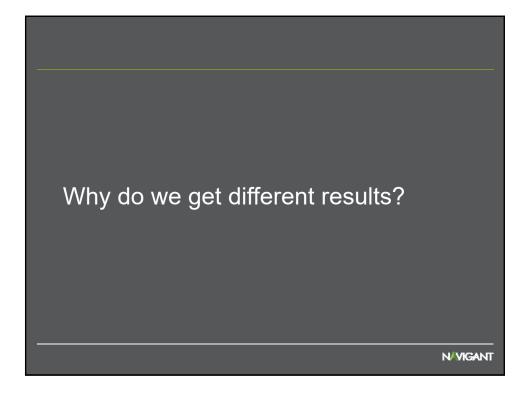


TIME IMPACT ANALYSIS (TIA)

Activity Description	Total Float		F	М	Δ	М	20	13	Δ	S	0	N	D
Jnimpacted Sched	ule			- 181						. 0			
Activity A	0								17 Sej	13		31 0	ct 13
Activity B	0		1			н							
Activity C	0					-							
Activity D	0		L	-									
Activity E	25												
Activity F	0						L	+					
Activity G	0								1 <u></u>	<u> </u>			
Predicted Completion	0									•			
	0					DDo:	04 Mav	13					
mpacted Schedule	(with As-	Built D	elay A	Activity	/)								
Activity A	0												
Activity B	0					Ы							
Activity C	35					4							
Activity D	0		_										
Fragnet	0					\sim							
Activity E	0							2					
Activity F	0							+					
Activity G	0												
Predicted Completion	0					DD _o :	04 May	13			•	•	
	Second Constant Annual												
/ ©2016 NAVIGANT CONSULTING						LIVENG		13-MAY-					/IGAN









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