

Milestone	Start	End	Task	Design				Project			Shop		Sub			County		
				Eng	Eng	CAD	PRG	Field Eng	Project Mgt	Sub PM	Tech	Tech	Shop Delivery	Tech 1	Tech 2		Tech 3	
1	9/1/21		<b>Tentative Award</b>															X
			<b>Design Review and Updates</b>															X
	9/7/21	9/29/21	Prepare open issues document	8														
2	9/29/21	9/29/21	Customer Preliminary System Design Review @site	12	12													X
	9/30/21	10/6/21	Prepare Report on initial review	8														
	9/30/21	2/13/22	Design Updates per Customer Requests	40														
	10/21/21	10/21/21	Online review of 9/29 Meeting report	2														X
3	10/29/22	11/29/22	<b>Project On Hold for Protest</b>															X
	12/10/21	12/10/21	Site Review for Millwork & Workflow Review	12														X
	12/14/21	12/15/21	Prepare Report with design mods from interviews	8														X
	12/15/21	12/16/21	Prepare Infrastructure RFQ	8														
	1/3/22	1/3/22	Site Review with Electrical to get Lighting load data	8														X
	2/14/22	3/9/22	Updated Scope & System Description	16														
4	3/9/22		<b>Updated Proposal (March)</b>															X
	3/29/22	3/29/22	Site Meeting to add Monterey Rm as backup, Sea Cave, and Schilling Updates (non-backup)	8														
	3/29/22	4/22/22	System Design - Monterey, Sea Cave, Schilling	8														
5	4/28/22	5/4/22	<b>Updated Proposal (May 4)</b>															X
5a	7/6/22	7/8/22	<b>Updated Proposal (July 7)</b>															X
	Aug		Network Design	2			2											
	Aug		Network Design Review with CoM	1			1											X
6	Aug		<b>County Order Network Switches</b>															X
7	Aug		<b>Customer Request Board Approval for Equipment Purchase</b>															X
8	9/13/22		<b>Approval to Proceed (Board Approval)</b>															X
	9/14/22	10/1/22	Execute/Process Contract															X
	Sept		Internal Review & Kickoff	2	2		2		2	2								
9	Oct		<b>Release Critical Equipment Orders &amp; Track</b>						8									
10	Oct		<b>Project Kickoff and Site Visits</b>															
	Oct		Customer Project Kickoff (Management Plan, Coordination, Meetings, review open issues and schedule action items)	1	1		1		1									X
	Oct		Site Review Planning & Discussion	1	1		1		1	1								X
	Oct		Final System Design Review @ all three sites	4	4		4		4	4								X
	Oct		Alisal - Chamber, DS, OFlow, Mont. Rm, Sea Cave	2	2		2		2	2								X
	Oct		Moffit - Headend Rack Plan inc Transition	1	1		1		1	1								X
	Oct		Schilling - Lobby DS, Cayenne	1	1		1		1	1								X
	Oct		Infrastructure Planning Meeting (@site)															X
	Oct		Front Wall Cabinetry & Electrical Sequencing	1	1													X
	Oct		Dais Cabinet & Electrical Sequencing	0.5	0.5													X
	Oct		Lighting Control Electrical Sequencing	0.5	0.5													X
	Oct		Broadcast Lighting Electrical Sequencing	0.5	0.5													X
	Oct		Review & Plan Chamber Audience, Mon, DS Electrical	0.5	0.5													X
	Oct		Develop QC Plan						4									
			<b>System Engineering</b>															
	Oct		Digital Signage content & criteria discussion	2														X
11	Oct		<b>Finalize Equipment List, Release, Track</b>	2	2				16									
	Oct		Headend Eng & Rack Plan inc Transition		8				2									

Milestone	Start	End	Task	Project					Project		Shop		Spinitar		Tech 1	Tech 2	Tech 3	County
				Design Eng	Project Eng	CAD	PRG	Field Eng	Mgt	Sub PM	Tech	Shop Tech	Delivery					
	Oct		Monterey Rm System Eng - CAD Prep		8													
	Oct		Sea Cave Rm System Eng - CAD Prep		8													
	Oct		Portable System Eng (inc Case Spec & Layouts)		16													
	Oct		Kiosk Design inc discussion w/customer		1													X
	Oct		Kiosk Design Review		1				1									X
	Oct		Prep Instance ID Chart		4													
	Oct		Finalize under-Dais details		8													
	Oct		Chamber Front Wall Engineering		4													
	Oct		Press Plate (Custom Engraving Layout)		1													
	Oct		Lighting System Engineering		8													
	Oct		Rack Layouts - Prod, HE		16													
	Oct	Nov	Chamber - Equipment Plans & Detail - CAD Prep	2	32				2									
	Oct	Nov	Cable Pull Lists	2	16				2									
	Oct	Nov	Materials Mtg & Final Materials List for Order		8				8	2								
	Oct	Nov	Preliminary Control System Planning	4	4		4											
	Oct	Nov	Programming Specifications - Monterey Rm		4													
	Oct	Nov	Programming Specifications - Sea Cave		4													
	Oct	Nov	Programming Specifications - Chamber	8	16		8											
	Oct	Nov	Algorithm Specifications	4			10											
	Oct	Nov	GUI Development - Start Initial Proposed Layouts - Monterey, Sea Cave				24											
12	Oct	Nov	<b>Crestron GUI Review &amp; Updates - Monterey Rm, Sea Cave</b>															X
	Nov	Dec	Crestron Programming - Monterey				40											
	Nov	Dec	Crestron Programming - Sea Cave				16											
	Nov	Dec	GUI Development - Start Initial Proposed Layouts - Chamber, Production, Broadcast	4	4		80											
	Oct	Dec	Weekly Status Calls	24	24		24		24	8								X
	Nov	Nov	CAD Sheet Numbering Plan	1					1									
	Nov		CAD Construction Drawings - Monterey, Sea Cave, Portable				80											
	Nov		Drawing Review - Monterey, Sea Cave, Portable	4	4	8	4		4									
13	Dec		<b>Preliminary Engineering &amp; Chamber GUI Review w/Customer (Online)</b>	2	2		2		2									X
14	Dec		<b>Customer Review - Proposed final Production Workflow inc Production GUI Review</b>	1	1		1		2									X
15	Dec		Crestron GUI updates - Chamber, HE, DS				16											
	Dec		<b>Final Customer GUI Review Presentation</b>	2	2		2		2									X
	Dec		IP Chart - Monterey, Sea Cave, Portable	1	4		2											X
	Dec		IP Chart - Chamber, HE, Lighting	1	4		1											X
	Dec		CAD Construction Drawings - Chamber, HE, DS				104											
	Dec		Drawing Review - Markup, Update - Chamber, HE, DS,		8	8	4		4									X
16	Dec	Dec	<b>CAD Complete</b>															
	Dec	Jan	Config & Training Manuals (Prelim)		80			40	16									
	Dec	Jan	Crestron Programming - Headend				40											
	Dec	Jan	Develop Commissioning Plan - Headend System		8				1									
	Dec	Jan	Develop Headend Cutover Plan		4				1									
	Dec	Jan	Chamber DSP Layout & DSP GUI		4			40										
	Jan	Feb	Crestron Programming - Chamber/Production				200											
	Jan	Feb	Develop Commissioning Plan - Production System		8				1									
	Jan	Feb	Develop Commissioning Plan - Chamber AV System		8				1									
	Jan	Feb	Develop Commissioning Plan - Chamber Lighting System		4				1									
17	Jan	Feb	<b>Customer Training Plan Review Conference</b>		2		2		2									X
	Jan	Feb	Cable Pull Lists - Finalize inc/ Wire #s		4													
			<b>Design &amp; Eng TOTAL HOURS</b>	<b>220</b>	<b>371</b>	<b>200</b>	<b>511</b>	<b>80</b>	<b>117</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Milestone	Start	End	Task	Design Eng	Project Eng	CAD	PRG	Field Eng	Project Mgt	Sub PM	Shop Tech	Sub Shop Tech	Spinitar Delivery	Tech 1	Tech 2	Tech 3	County
	Oct	Nov	Materials Order		8				8								
	Oct	Dec	Customer Rack/Install Coordination Conferences	8	8				8	8							
			<b>RACK BUILD</b>														
	Dec	Dec	<b>Headend Equipment Received</b>						2								
	Dec	Dec	Mount & Interconnect all equipment in Shop Rack		8	16			12			32					
	Dec	Dec	Configure and Test headend Systems (Concord)	8	24		16	8	2		8						
18	Dec	Dec	Prepare Equipment & Rack for Transport						4	4		7					
	Dec	Dec	<b>Portable Equipment Received</b>						4								
	Dec	Dec	Mount & Interconnect all Portable Racks in Shop		4				2	2		24					
	Dec	Dec	Configure and Test Portable Systems (Concord)	6	8				2								
19	Dec	Dec	Prepare Portable Equipment & Racks for Transport						2			8					
	Dec	Dec	<b>Sea Cave &amp; Chamber Lighting</b>														
	Dec	Dec	Address (DMX) All Lighting Fixtures (Concord)					8	2								
	Dec	Jan	<b>Monterey Rm Equipment Received</b>						4								
	Dec	Jan	Mount & Interconnect Rack Equip in Shop		4				4			24					
	Dec	Jan	Configure and Test Systems (Concord)	6	8				2								
20	Dec	Jan	Prepare Equipment & Rack for Transport						2			8					
	Jan	Jan	<b>Production Racks Equip Received</b>														
	Jan	Jan	Mount & Interconnect all Rack equipment in Shop		8	12	11		8		8	96					
	Feb	Feb	Configure and Test Production Systems (Concord)		20			80	4			16					
21	Feb	Feb	<b>Factory Acceptance Tests</b>	24	20			36	4			8					X
	Feb	Feb	Prepare Equipment & Rack for Transport						4	4		8					

Milestone	Start	End	Task	Design Eng	Project Eng	CAD	PRG	Field Eng	Project Mgt	Sub PM	Shop Tech	Sub Shop Tech	Spinitar Delivery	Tech 1	Tech 2	Tech 3	County
			<b>SITE INSTALL</b>														
			Digital Signage, Kiosk, Distribution Systems														
	Jan	Jan	DS Equipment Received						6								
	Jan	Jan	Start of Digital Signage Install - Int Mtg	1	1				1					1			
	Jan	Jan	JE11 - Digital Signage Electrical														
	Jan	Jan	Site Install		16					4				24	24		
	Jan	Jan	FWI - Remote Setup														
22	Jan	Jan	Commission/Test	8	16				1								X
			<b>Monterey Rm Install</b>						4	3							
	Jan	Jan	JE14 - Monterey Rm Electrical						1								
	Jan	Jan	Deliver Rack & All Equipment to Monterey Rm										8				
	Jan	Jan	Cable Pull - (1) 85" Display, (2) Mics, 1 MXWC AP (1) Cam (1) Plate											4	4		
	Jan	Jan	Rack Terminations											14			
	Jan	Jan	Field Term - (1) 85" Display, (2) Mics, 1 MXWC AP (1) Cam (1) Plate													8	
	Jan	Jan	2-man Install - (1) 85" Display											2	4		
	Jan	Jan	1-man Install - (2) Mics, 1 MXWC AP (1) Cam (1) Plate							6						4	
	Jan	Jan	Cleanup & Loadout													4	
	Jan	Jan	Commission/Test		4			14						8			
	Jan	Jan	Testing with Customer		2			2									X
	Jan	Jan	Punch List Work		6			6									
23	Jan	Jan	Final Customer Review		2			2									X
	Jan	Jan	<b>Headend Install</b>														
	Dec		Site Visit for Phase 1 Planning	8	8				8								X
	Dec		Start of Headend Install - Int Mtg	1	1				1			1					
	Jan		CableCast Install Support														
24	Jan	Jan	Headend Install/Cutover	12	12			16						32	32		X
			<b>Sea Cave Rm Install</b>						4	8							
	Jan	Jan	JE13 - Sea Cave Rm Electrical						1								
	Jan	Jan	Deliver all Equipment & Furn to Sea Cave Rm										8	2	2		
	Jan	Jan	Cable Pull - (1) 55" Display, (1) TP ,(1) Plate (1) DMX											4	4		
	Jan	Jan	Install RMC4 Master in IDF											2			
	Jan	Jan	Field Term - (1) 55" Display, (1) TP ,(1) Plate (1) DMX													2	
	Jan	Jan	1-man Install - Lighting Support Structure, TP, Plate											8	8		
	Jan	Jan	Hang Lights & Pantographs, daisy chain DMX512											4			
	Jan	Jan	Setup Furniture												4		
	Jan	Jan	Cleanup & Loadout												2		
	Jan	Jan	Commission/Test		4			4						4			
	Jan	Jan	Testing with Customer		4			4		2							X
	Jan	Jan	Punch List Work		2			2							2		
25	Jan	Jan	Final Customer Review		2			2									X
			<b>Portable System Site Testing</b>														
	Jan	Jan	Start of Portable System Test - Int Mtg	2	2				1	1				2			
	Jan	Jan	Site Setup - For Remote Site Use		4				1	1				8	8		
26	Jan	Jan	On-Site Training		4												X
	Jan	Jan	Site repack		4									8	8		

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				Design Eng	Project Eng	CAD	PRG	Field Eng	Mgt	Sub PM	Tech	Shop Tech	Delivery					
27	February	April	<b>CHAMBER SHUTDOWN</b>															
			<b>Start of Infrastructure</b>															
	Jan	Jan	Customer & Subcontractor Coordination						8								X	
	Feb	Feb	Chamber Equip & Cable De-install		12										16	16	X	
	Feb	Feb	Production Rm De-install		12								24	8	8		X	
	Feb	Feb	JE1 - Chamber Front Wall Cabinetry & Electrical						1									
	Feb	Feb	JE2 - Under Dais Cabinetry & Electrical						1									
	Feb	Feb	JE3 - Dais Backsplash Cabinetry & Electrical						1									
	Feb	Feb	JE4 - Clear Clerk & Light Control Conduits						1									
	Feb	Feb	JE5 - Clerk Station Cabinetry & Electrical						1									
	Feb	Feb	JE6 - Lighting Control Electrical						1									
	Feb	Feb	JE7 - Broadcast Lighting Pipe & Electrical						1									
	Feb	Feb	JE8 - Ceiling Monitor Electrical						1									
Feb	Feb	JE9 - Press Plate						1										
Feb	Feb	JE10 - Audience Electrical						1										
Feb	Feb	JE12 - Rack Electrical						1										
28	Feb	Feb	Infrastructure Complete															
			<b>Start of Chamber &amp; Production AV Install</b>						4								X	
Jan		Start of Chamber AV Install - Int Mtg	1	1				1					1					
29	March	March	Deinstall	8						8				16	16	16		
	March	March	Cable Pull	8						8				24	24	24		
	March	March	Equipment & Rack Delivery						2			8	8	8	8			
	March	March	Rack Terminations		8				8	8				137				
	March	March	Video Wall Install - Spinitar		4		8		8						8	8		
	March	March	Video Wall Install - Samsung															
	March	March	Clg - Spkrs, Shades, 85", Brdcst Lites		8				8						40	40		
	March	March	Floor - Dais, Staff, Lect, Press		8					8					80	80		
	March	March	Console Assembly, Cable, Equip install & Term		8					8				40	24	24		
	March	March	Cleanup & Loadout												16	16		
	April	April	Commission/Test	16	16			88						16				
April	April	Config & Training Manuals (Updates)	4	16		8		8										
30	April	April	Testing with Customer	8	8			8									X	
	April	April	Punch List Work		16			16	2	4			8					
	April	April	Final Customer Review		8			8	8									
31	April	April	<b>Broadcast Test with Customer</b>	4	4			4									X	
			<b>End Physical Install</b>															
	April	April	<b>On-Site Training</b>	4	40			48	8									
April	April	Training Manual Updates Review Conference	1	1		1		1									X	
32	May	May	<b>Site Support for first 4 Meetings</b>	8	52			96	24								X	
33	May	May	<b>Closeout</b>															
	May		Prepare Final Documentation	4	4	40	4		8									
	May		Documentation (Docs Department - Taxable)															
	May	May	Sign-Off														X	
			<b>TOTAL HOURS</b>	<b>370</b>	<b>811</b>	<b>268</b>	<b>559</b>	<b>532</b>	<b>335</b>	<b>108</b>	<b>16</b>	<b>232</b>	<b>24</b>	<b>401</b>	<b>360</b>	<b>240</b>		