

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	2, 2020							Half 1, 2021							Half 2, 2021							Half 1, 2022							Half 2, 2022							Half 1, 2023						
							A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F											
1		<b>Hall D Installation</b>	<b>591 days</b>	<b>Mon 9/21/20</b>	<b>Wed 1/18/23</b>																																											
2		<b>SAD 2020-2021</b>	<b>96 days</b>	<b>Mon 9/21/20</b>	<b>Thu 2/11/21</b>																																											
10		<b>CPP Install</b>	<b>294 days</b>	<b>Mon 9/21/20</b>	<b>Tue 11/16/21</b>																																											
11		<b>Component Design</b>	<b>251 days</b>	<b>Mon 9/21/20</b>	<b>Thu 9/16/21</b>																																											
12		<b>support stand</b>	<b>76 days</b>	<b>Mon 9/21/20</b>	<b>Thu 1/14/21</b>																																											
13		Finalize requirements	25 days	Mon 9/21/20	Fri 10/23/20																																											
14		Complete 3D model	10 days	Mon 10/26/20	Fri 11/6/20	13																																										
15		Complete drawings	30 days	Mon 11/9/20	Tue 12/22/20	14																																										
16		Complete Analysis	41 days	Mon 11/9/20	Thu 1/14/21	14																																										
17		Steel Absorbers	29 days	Wed 12/23/20	Tue 2/9/21	15																																										
18		FCAL platform mods	14 days	Wed 2/10/21	Mon 3/1/21	17																																										
19		Ground rail syst.	26 days	Tue 3/2/21	Tue 4/6/21	18																																										
20		Alignment system	14 days	Wed 4/7/21	Mon 4/26/21	19																																										
21		Static lead Absorber	20 days	Tue 4/27/21	Mon 5/24/21	20																																										
22		Dark room Mod	10 days	Tue 5/25/21	Mon 6/7/21	21																																										
23		FCAL Platform Stairs mod	13 days	Tue 6/8/21	Thu 6/24/21	22																																										
24		FCAL Platform attachment	10 days	Fri 6/25/21	Thu 7/8/21	23																																										
25		adjustable lead absorber	10 days	Fri 7/9/21	Thu 7/22/21	24																																										
26		Solid Lead Target	20 days	Fri 7/23/21	Thu 8/19/21	25																																										
27		Beamline	20 days	Fri 8/20/21	Thu 9/16/21	26																																										
28		<b>Component Procurements</b>	<b>244 days</b>	<b>Mon 11/9/20</b>	<b>Tue 10/26/21</b>																																											
29		Off the shelf components	50 days	Mon 11/9/20	Wed 1/27/21	14																																										
30		Support Stand	99 days	Wed 12/23/20	Tue 5/18/21	15																																										
31		Steel Absorbers	70 days	Wed 2/10/21	Tue 5/18/21	17																																										
32		Ground rail syst.	40 days	Wed 4/7/21	Tue 6/1/21	19																																										
33		Alignment system	42 days	Tue 4/27/21	Wed 6/23/21	20																																										
34		Static lead Absorber	14 days	Tue 5/25/21	Fri 6/11/21	21																																										
35		Dark room Mod	7 days	Tue 6/8/21	Wed 6/16/21	22																																										
36		FCAL Platform stairs mod	9 days	Fri 6/25/21	Wed 7/7/21	23																																										
37		FCAL Platform attachment	28 days	Fri 7/9/21	Tue 8/17/21	24																																										
38		adjustable lead absorber	28 days	Fri 7/23/21	Tue 8/31/21	25																																										
39		Solid Lead Target	20 days	Wed 9/1/21	Tue 9/28/21	38,26																																										
40		Beamline	20 days	Wed 9/29/21	Tue 10/26/21	39,27																																										
41		<b>Pre-Installation</b>	<b>186 days</b>	<b>Tue 3/2/21</b>	<b>Tue 11/16/21</b>																																											
42		Modify FCAL Platform	13 days	Tue 3/2/21	Thu 3/18/21	18,96																																										
43		install floor rails	5 days	Wed 6/2/21	Tue 6/8/21	32																																										
44		Install FCAL platform stairs mod	5 days	Thu 7/8/21	Wed 7/14/21	36																																										
45		Modify Dark room	16 days	Mon 10/4/21	Mon 10/25/21	22,95																																										

Project: CPP_Install_after_Prime Date: Thu 12/17/20	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

