

ID	Task Name	Predecessors	2019												2020														
			Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
1	Initial Notice To Proceed (NTP)		◆ 3/14/18																										
2	Notice To Proceed Task 6	days,333FS-20 days,33													◆ 3/18/19														
3	Notice To Proceed Task 7	1,392FS-20 days													◆ 3/1														
4	Kick-off Meeting	1FS+1 ewk	/3/18 4/3/18																										
5	Project Management		[Summary Bar]																										
6	Project Systems Engineering Management Plan		[Summary Bar]												5/14/18														
7	Develop PSEMP	1	8 [Bar] 4/20/18																										
8	FDOT PSEMP Review	7	4/23/18 [Bar] 5/4/18																										
9	Update & Deliver PSEMP	8	5/7/18 [Bar] 5/11/18																										
10	FDOT PSEMP Approval	9	5/14/18 5/14/18																										
11	R-ICMS-PSEMP-1.0	10	◆ 5/14/18																										
12	Risk Register		[Summary Bar]												5/11/18														
13	R-ICMS-RR-0.1	1	8 [Bar] 4/13/18																										
14	R-ICMS-RR-0.1 FDOT Review	13	4/16/18 [Bar] 4/27/18																										
15	R-ICMS-RR-0.2 Revise & Resubmit	14	4/30/18 [Bar] 5/4/18																										
16	R-ICMS-RR-0.2 FDOT Approval	15	5/7/18 [Bar] 5/11/18																										
17	R-ICMS-RR-1.0	16	◆ 5/11/18																										
18	Project Schedule		[Summary Bar]												5/7/18														
19	Develop Schedule	1	8 [Bar] 4/13/18																										
20	FDOT Schedule Review	19	4/16/18 [Bar] 4/27/18																										
21	Schedule Update	20	4/30/18 [Bar] 5/4/18																										
22	FDOT Sched Approval	21	5/7/18 5/7/18																										
23	R-ICMS-Sched-1.0	22	◆ 5/7/18																										
24	Software Development Plan		5/1/18 [Summary Bar] 6/19/18																										
25	Develop SDP	93FF+10 days	5/1/18 [Bar] 5/28/18																										
26	FDOT SDP Review	25	5/29/18 [Bar] 6/11/18																										
27	Update SDP	26	6/12/18 [Bar] 6/18/18																										
28	FDOT SDP Approval	27	6/19/18 6/19/18																										
29	R-ICMS-SDP-1.0	28	◆ 6/19/18																										
30	Manage Project		5/18 [Summary Bar]																										
31	Coordinate Risk Management Activities	1FS+31 days	4/26/18 [Bar]												2/26/2														
32	Establish and Maintain Project Tool Set (CM, IDE, Collaboration, Defect Tracking, etc.)	1FS+31 days	4/26/18 [Bar] 5/2/18																										
33	Monthly Status Reports		[Vertical Tick Marks]																										
82	System Architecture and Preliminary Design		4/18 [Summary Bar]												7/18/18														

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Task	[Blue Bar]	Group By Summary	[Arrow Bar]	External Milestone	◆	Duration-only	[Green Triangle]
Split	[Dotted Bar]	Rolled Up Task	[Thick Blue Bar]	Inactive Task	[Double Line]	Manual Summary Rollup	[Blue Bar]
Milestone	◆	Rolled Up Milestone	◇	Inactive Milestone	◆	Manual Summary	[Arrow Bar]
Summary	[Arrow Bar]	Rolled Up Progress	[Thin Line]	Inactive Summary	▼	Start-only	[C-Bracket]
Project Summary	▼	External Tasks	▼	Manual Task	[Cyan Bar]	Finish-only	[J-Bracket]
						Deadline	[Green Triangle]
						Progress	[Black Bar]

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			Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
83	Software Coding Guidelines		5/29/18												7/18/18									
84	Develop Software Coding Guidelines (SCG)	25	5/29/18												6/25/18									
85	FDOT SCG Review	84	6/26/18												7/9/18									
86	Update SCG Per FDOT Review	85	7/10/18												7/11/18									
87	FDOT SCG Approval	86	7/12/18												7/18/18									
88	RICMS-SCG-1.0	87													7/18/18									
89	Requirements Analysis		4/18												6/11/18									
90	Initial Requirements Review	4	4/18												5/3/18									
91	Requirements Walk Through	90	4/23/18												4/27/18									
92	Finalize Requirments Specification	91	4/30/18												5/14/18									
93	R-ICMS-REQ-0.1	92													5/14/18									
94	R-ICMS-REQ-0.1 FDOT Review	93	5/15/18												5/28/18									
95	R-ICMS-REQ-0.2 Revise and Resubmit	94	5/29/18												6/4/18									
96	R-ICMS-REQ-0.2 Approval	95	6/5/18												6/11/18									
97	<i>R-ICMS-REQ-1.0</i>	96													6/11/18									
98	Preliminary Design		5/15/18												7/10/18									
99	Develop 40% Design	93	5/15/18												6/21/18									
100	R-ICMS-PD-0.1	99													6/21/18									
101	FDOT Preliminary Design Review (PDR)	99	6/25/18												6/26/18									
102	R-ICMS-PD-0.1	100	6/22/18												7/5/18									
103	R-ICMS-PD-0.2 Revise and Resubmit	101	6/27/18												7/3/18									
104	R-ICMS-PD-0.2 FDOT Approval	103	7/4/18												7/10/18									
105	R-ICMS-PD-1.0	104													7/10/18									
106	Iteration 1 - Design Validation		6/22/18												12/11/18									
107	Develop 90% Design		6/22/18												9/6/18									
108	Subsystems / UI Mockups / Data Model / ICDs	99	6/22/18												8/2/18									
109	R-ICMS-CD-0.1	108FF	7/23/18												8/2/18									
110	FDOT Critical Design Review (CDR)	109,83	8/3/18												8/9/18									
111	R-ICMS-CD-0.1 FDOT Review	110	8/10/18												8/23/18									
112	R-ICMS-CD-0.2 Revise & Resubmit	111	8/24/18												8/30/18									
113	R-ICMS-CD-0.1 Approval	112	8/31/18												9/6/18									
114	R-ICMS-CD-1.0	113FF													9/6/18									
115	Iteration 1 Build		9/7/18												10/18/18									
116	DFE Build Iteration 1	114	9/7/18												10/18/18									
117	IEN Build Iteration 1	114	9/7/18												10/18/18									

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Task		Group By Summary		External Milestone		Duration-only		Deadline
Split		Rolled Up Task		Inactive Task		Manual Summary Rollup		Progress
Milestone		Rolled Up Milestone		Inactive Milestone		Manual Summary		
Summary		Rolled Up Progress		Inactive Summary		Start-only		
Project Summary		External Tasks		Manual Task		Finish-only		

ID	Task Name	Predecessors	2021												2022											
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
293	R-ICMS-VDD-4.0	292	/20																							
294	Deployment		3/20/20																							
295	COTS Hardware / Software Buy, Deploy																									
296	Hardware / Software / COTS Buy																									
297	Respecify Hardware & Software Configuration	161																								
298	FDOT Order	297																								
299	Hardware Arrival	298																								
300	Develop Hardware Failure Resolution Plan																									
301	Develop Hardware Failure Resolution Plan	161																								
302	FDOT Review of Hardware Failure Resolution Plan	301																								
303	Update Hardware Failure Resolution Plan	302																								
304	Hardware Failure Resolution Plan Acceptance	303																								
305	Hardware / COTS Software Deployment Activities																									
306	Meeting with FDOT IT	299FS-10 days																								
307	Site Preparation	299																								
308	Server Configuration	307																								
309	COTS Deployment Complete (non-ICMS)	308																								
310	Deploy ICMS Iterations 2, 3, & 4		3/20/20																							
311	Iteration 2 ICMS Deployment																									
312	Confirm COTS Installation	308,313SF																								
313	Installation of Version 1 Software R-ICMS-VDD-1.0	143,147,314SF																								
314	Installation of Version 2 Software R-ICMS-VDD-2.0	190,194																								
315	Installation Verification	314																								
316	Iteration 3 ICMS Deployment																									
317	Confirm COTS Installation	315,318SF																								
318	Installation of Version 3 Software R-ICMS-VDD-3.0	237,241																								
319	Installation Verification	318																								
320	Iteration 4 ICMS Deployment		3/20/20																							
321	Confirm COTS Installation	319,322SF	20																							
322	Installation of Version 4 Software R-ICMS-VDD-4.0	284,288	13/20																							
323	Installation Verification	322	/20/20																							
324	System Training		4/3/20																							
325	Iteration 2 Training																									
326	Iteration 2 Training Plan																									
327	R-ICMS-TRP-1.1	162																								

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Split		Rolled Up Task		Inactive Task		Manual Summary Rollup		Progress	
Milestone		Rolled Up Milestone		Inactive Milestone		Manual Summary			
Summary		Rolled Up Progress		Inactive Summary		Start-only			
Project Summary		External Tasks		Manual Task		Finish-only			

ID	Task Name	Predecessors	2021												2022										
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
363	R-ICMS-TRM-2.2 Revise & Resubmit	362																							
364	R-ICMS-TRM-2.2 Approval	363																							
365	R-ICMS-TRM-3.0	364																							
366	Iteration 3 Training Workshops (On site)																								
367	Conduct Operator Training	348,354,360,316																							
368	Conduct Admin Training	348,354,360,367,316																							
369	Iteration 4 Training																								
370	Iteration 4 Training Plan																								
371	R-ICMS-TRP-3.1	256																							
372	R-ICMS-TRP-3.1 Review	371																							
373	R-ICMS-TRP-3.2 Revise & Resubmit	372																							
374	R-ICMS-TRP-3.2 Approval	373																							
375	R-ICMS-TRP-4.0	374																							
376	Iteration 4 Training Schedule																								
377	R-ICMS-TRS-3.1	256																							
378	R-ICMS-TRS-3.1 Review	377																							
379	R-ICMS-TRS-3.2 Revise & Resubmit	378																							
380	R-ICMS-TRS-3.2 Approval	379																							
381	R-ICMS-TRS-4.0	380																							
382	Iteration 4 Training Manual																								
383	R-ICMS-TRM-3.1	256FF																							
384	R-ICMS-TRM-3.1 Review	383																							
385	R-ICMS-TRM-3.2 Revise & Resubmit	384																							
386	R-ICMS-TRM-3.2 Approval	385																							
387	R-ICMS-TRM-4.0	386																							
388	Iteration 4 Training Workshops (On site)																								
389	Conduct Operator Training	370,376,382,320																							
390	Conduct Admin Training	370,376,382,389,320																							
391	Operations, Maintenance and Support 3 Years																								
392	System Acceptance / Start O&M	294,324																							
393	Weekly O&M Status Meeting Year 1																								
446	Weekly O&M Status Meeting Year 2																								

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Milestone		Rolled Up Milestone		Inactive Milestone		Manual Summary			
Summary		Rolled Up Progress		Inactive Summary		Start-only			
Project Summary		External Tasks		Manual Task		Finish-only			