

ID	Proj Task	Task Name	Baseline1 Start	Baseline1 Finish	Baseline1 Duration	Actual Start	Actual Finish	Actual Duration	% Complete
1		Roadside Unit (RSU) Standardization	Wed 9/18/19	Wed 9/15/21	468 days?	Wed 9/18/19	NA	243.36 days	47%
2		Project Authorization to Proceed	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
3		Kickoff Meeting	Tue 10/8/19	Tue 10/8/19	1 day	Tue 10/8/19	Tue 10/8/19	1 day	100%
4	1	Project Management [PWS Task 1]	Tue 10/1/19	Mon 4/19/21	360 days	Tue 10/8/19	NA	116.16 days	32%
5	1.1	Monthly Progress Reporting [PWS Task 1.1]	Tue 10/1/19	Mon 4/19/21	360 days	Tue 10/8/19	NA	0 days	0%
6	1.1.1	Monthly Progress Report Preparation	Tue 10/1/19	Mon 4/19/21	360 days	Tue 10/8/19	NA	0 days	0%
7	1.1.2	Deliver Monthly Progress Report [PWS Deliverable]	Tue 10/1/19	Mon 4/19/21	360 days	Tue 10/8/19	NA	0 days	0%
8	1.2	Project Management Plan (PMP) [PWS Task 1.2]	Fri 10/18/19	Tue 11/12/19	17 days	Fri 10/18/19	Wed 10/14/20	259 days	100%
9	1.2.1	Develop Draft PMP (incl. Schedule)	Fri 10/18/19	Mon 10/28/19	7 days	Fri 10/18/19	Mon 10/28/19	7 days	100%
10	1.2.2	Deliver Draft PMP	Mon 10/28/19	Mon 10/28/19	0 days	Wed 10/14/20	Wed 10/14/20	1 day	100%
11	1.2.3	USDOT Review and Comment on PMP	Tue 10/29/19	Tue 11/12/19	10 days	Tue 10/29/19	Tue 10/29/19	1 day	100%
12	1.3	Systems Engineering Management Plan (SEMP) [PWS Task 1.3]	Mon 11/25/19	Wed 12/11/19	11 days	Mon 11/25/19	Tue 1/21/20	42 days	100%
13	1.3.1	Develop SEM Plan for PMP	Mon 11/25/19	Wed 12/4/19	6 days	Mon 11/25/19	Wed 12/4/19	6 days	100%
14	1.3.2	Deliver Draft 2 PMP	Wed 12/4/19	Wed 12/4/19	0 days	Wed 12/18/19	Tue 1/21/20	9 days	100%
15	1.3.3	USDOT Review and Comment on Draft 2 PMP	Thu 12/5/19	Wed 12/11/19	5 days	Fri 12/6/19	Fri 12/6/19	0 days	100%
16	1.4	Finalize PMP (incl. SEM)	Tue 12/17/19	Mon 1/6/20	5 days	Wed 11/13/19	Wed 1/13/21	305 days	100%
17	1.4.1	Draft 2 PMP Review Meeting with USDOT	Tue 12/17/19	Tue 12/17/19	1 day	Wed 12/18/19	Tue 1/21/20	5 days	100%
18	1.4.2	Update Draft PMP Per USDOT Review	Wed 12/18/19	Mon 1/6/20	4 days	Wed 11/13/19	Wed 1/13/21	305 days	100%
19	1.4.3	Deliver PMP (incl. SEM) [PWS Deliverable]	Mon 1/6/20	Mon 1/6/20	0 days	Wed 12/18/19	Wed 12/18/19	0 days	100%
20	1.5	ATP for RSU Standard Development	Tue 1/28/20	Tue 1/28/20	0 days	Fri 12/6/19	Wed 12/18/19	9 days	100%
21	2	Develop RSU Standard [PWS Task 2]	Wed 9/18/19	Wed 9/15/21	468 days?	Wed 9/18/19	NA	428.62 days	84%
22	2.1	Develop RSU Standard Concept of Operations (ConOps) and Requirements [PWS Task 2.1 and Task 2.2]	Thu 12/12/19	Fri 9/11/20	177 days?	Thu 12/12/19	NA	207.68 days	97%
23	2.1.1	Establish RSU Standard Working Group (WG) [PWS Task 2.1.1]	Thu 12/12/19	Thu 1/23/20	15 days	Thu 12/12/19	Tue 3/3/20	37 days	100%
24	2.1.2	Deliver RSU Standards WG Roster [PWS Deliverable]	Thu 1/23/20	Thu 1/23/20	0 days	Thu 1/23/20	Fri 3/13/20	36 days	100%
25	2.1.3	Establish Stakeholder List and Questionnaire	Wed 1/29/20	Fri 2/7/20	8 days	NA	NA	0 days	0%
26	2.1.4	Develop Draft RSU ConOps (incl. Stakeholder Interviews) [PWS Task 2.1]	Thu 2/6/20	Thu 2/27/20	15 days	Thu 4/23/20	Wed 9/9/20	97 days	100%
27	2.1.5	Develop Draft RSU Systems Requirement Specification (SRS) [PWS Task 2.2.1]	Fri 6/5/20	Tue 8/4/20	42 days	Thu 7/2/20	Tue 8/11/20	28 days	100%
28	2.1.6	Deliver Draft RSU SRS (incl. ConOps) [PWS Deliverable]	Tue 8/11/20	Tue 8/11/20	0 days	Tue 8/11/20	Tue 8/11/20	1 day	100%
29	2.1.7	Walkthrough of Draft ConOps and Requirements [PWS Task 2.1.3 and 2.2.2]	Wed 1/29/20	Fri 9/11/20	149 days?	Tue 5/26/20	Thu 8/27/20	68 days	100%
30	2.1.7.1	Develop SRS (incl ConOps) Walkthrough Plan	Wed 1/29/20	Tue 2/4/20	5 days	Tue 5/26/20	Wed 5/27/20	2 days	100%
31	2.1.7.2	Deliver SRS Walkthrough Plan [PWS Deliverable]	Tue 2/4/20	Tue 2/4/20	0 days	Thu 5/28/20	Thu 5/28/20	1 day	100%
32	2.1.7.2.1	Develop ConOps Walkthrough Workbook (WTWB)	Tue 5/26/20	Thu 5/28/20	3 days	Tue 5/26/20	Thu 5/28/20	3 days	100%
33	2.1.7.2.1	Convene Technical Walkthrough of Draft RSU ConOps	Mon 6/1/20	Tue 6/2/20	2 days?	Thu 5/28/20	Thu 5/28/20	1 day	100%
34	2.1.7.2.1	Adjudicate ConOps Comments	Wed 6/3/20	Fri 6/19/20	13 days	Wed 6/3/20	Fri 7/10/20	27 days	100%
35	2.1.7.3	Develop SRS Walkthrough Workbook (WTWB)	Wed 8/5/20	Fri 8/7/20	3 days	Mon 8/10/20	Thu 8/13/20	3 days	100%
36	2.1.7.4	Deliver SRS WTWB	Fri 8/7/20	Fri 8/7/20	0 days	Thu 8/13/20	Thu 8/13/20	0 days	100%
37	2.1.7.5	WG Review and Comment on Draft RSU SRS	Tue 8/11/20	Mon 8/24/20	10 days	Thu 8/13/20	Wed 8/26/20	8 days	100%
38	2.1.7.6	Convene Technical Walkthrough of Draft SRS and Adjudicate Comments	Tue 8/25/20	Fri 8/28/20	4 days	Tue 8/25/20	Thu 8/27/20	3 days	100%
39	2.1.8	Revise Draft SRS per Technical Walkthrough and Comments	Fri 8/28/20	Fri 9/18/20	15 days	Thu 8/27/20	Tue 9/15/20	14 days	100%
40	2.1.9	Deliver RSU SRS (incl. ConOps) [PWS Deliverable]	Fri 9/11/20	Fri 9/18/20	0 days	Tue 10/6/20	Tue 10/6/20	1 day	100%
41	2.1.10	Prepare SRS Walkthrough Comment Resolution Report	Thu 9/10/20	Fri 9/18/20	2 days	Thu 8/27/20	Tue 9/15/20	0 days	100%
42	2.1.11	Deliver SRS Walkthrough Comment Resolution Report [PWS Deliverable]	Fri 9/11/20	Fri 9/18/20	0 days	Tue 10/6/20	Tue 10/6/20	1 day	100%
43	2.2	Develop RSU Standard Design Details [PWS Task 2.3]	Mon 9/14/20	Tue 1/19/21	55 days	Thu 9/24/20	NA	86.83 days	99%
44	2.2.1	Develop Draft SDD [PWS Task 2.3.1]	Mon 9/21/20	Fri 11/6/20	30 days	Thu 9/24/20	Wed 11/18/20	37 days	100%
45	2.2.2	Deliver Draft SDD to WG [PWS Deliverable]	Fri 11/6/20	Fri 11/6/20	0 days	Wed 11/18/20	Wed 11/18/20	1 day	100%
46	2.2.3	Walkthrough of Draft RSU SDD [PWS Task 2.3.2]	Mon 10/5/20	Fri 10/30/20	19 days	Wed 10/28/20	Thu 12/3/20	27 days	100%
47	2.2.3.1	Develop SDD Walkthrough Plan	Thu 10/22/20	Thu 10/29/20	5 days	Wed 10/28/20	Wed 10/28/20	0 days	100%
48	2.2.3.2	Deliver SDD Walkthrough Plan [PWS Deliverable]	Thu 10/29/20	Thu 10/29/20	0 days	Tue 11/24/20	Tue 11/24/20	1 day	100%
49	2.2.3.3	Develop SDD Walkthrough Workbook (WTWB)	Thu 10/29/20	Fri 11/6/20	5 days	Mon 11/23/20	Tue 11/24/20	0 days	100%
50	2.2.3.4	Deliver SDD WTWB	Tue 11/10/20	Tue 11/10/20	0 days	Tue 11/24/20	Tue 11/24/20	1 day	100%
51	2.2.3.5	WG Review and Comment on Draft SDD	Mon 11/9/20	Fri 11/20/20	10 days	Wed 11/18/20	Mon 11/30/20	4 days	100%
52	2.2.3.6	Convene Technical Walkthrough of Draft SDD and Adjudicate Comments	Mon 11/30/20	Fri 12/4/20	4 days	Tue 12/1/20	Thu 12/3/20	3 days	100%
53	2.2.4	Revise Draft SDD per Technical Walkthrough and Comments	Mon 12/7/20	Thu 12/24/20	15 days	Fri 12/4/20	Mon 12/14/20	0 days	100%
54	2.2.5	Deliver Second Draft SDD	Thu 12/24/20	Thu 12/24/20	0 days	Mon 12/21/20	Mon 12/21/20	1 day	100%
55	2.2.6	WG Review and Comment on Second Draft SDD	Mon 12/28/20	Fri 1/8/21	9 days	Mon 12/21/20	Fri 1/22/21	24 days	100%
56	2.2.7	Convene WG Web Conference to Adjudicate Comments on Second Draft SDD	Mon 1/11/21	Fri 1/15/21	1 day	NA	NA	0 days	0%
57	2.2.8	Revise Second Draft SDD per Comment Resolution	Mon 1/18/21	Fri 1/22/21	5 days	Mon 1/11/21	Mon 1/25/21	0 days	100%
58	2.2.9	Deliver RSU Standard SDD	Fri 1/22/21	Fri 1/22/21	0 days	Mon 1/25/21	Mon 1/25/21	1 day	100%
59	2.2.10	Prepare SDD Comment Resolution Report	Mon 1/18/21	Fri 1/22/21	2 days	Mon 12/21/20	Mon 1/25/21	0.9 days	100%
60	2.2.11	Deliver SDD Comment Resolution Report [PWS Deliverable]	Fri 1/22/21	Fri 1/22/21	0 days	Mon 1/25/21	Mon 1/25/21	0 days	100%
61	2.3	Publish RSU Standard [PWS Task 2.4]	Wed 9/18/19	Wed 9/15/21	468 days	Wed 9/18/19	NA	320.85 days	63%

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62	2.3.1	Develop Proposed User Comment Draft (pUCD) RSU Standard [PWS Task 2.4.1a]	Wed 12/2/20	Mon 3/1/21	47 days	Mon 1/25/21	NA	71 days	99%
63	2.3.1.1	Develop Draft pUCD RSU Standard	Mon 1/25/21	Fri 2/5/21	10 days	Mon 1/25/21	Fri 2/5/21	9 days	100%
64	2.3.1.2	Deliver Draft pUCD RSU Standard to WG	Mon 2/8/21	Mon 2/8/21	0 days	Fri 2/5/21	Fri 2/5/21	1 day	100%
65	2.3.1.3	WG Review and Comment on Draft pUCD RSU Standard	Mon 2/8/21	Fri 2/19/21	10 days	Fri 2/5/21	Fri 3/19/21	29 days	100%
66	2.3.1.4	Convene WG Web Conference on Draft pUCD RSU Standard and Adjudicate Comments	Mon 2/22/21	Wed 3/3/21	10 days	Tue 3/9/21	Tue 3/9/21	1 day	100%
67	2.3.1.5	Update pUCD Draft RSU Standard Based on WG Comments	Wed 3/3/21	Tue 3/16/21	10 days	Sun 3/7/21	Tue 4/13/21	25 days	100%
68	2.3.1.6	WG Accepts pUCD RSU Standard	Tue 3/16/21	Mon 3/22/21	5 days	NA	NA	0 days	0%
69	2.3.1.7	Deliver pUCD RSU Standard for ballot	Mon 3/22/21	Mon 3/22/21	0 days	Mon 5/3/21	Mon 5/3/21	1 day	100%
70	2.3.2	Develop User Comment Draft (UCD) RSU Standard [PWS Task 2.4.1b]	Wed 9/18/19	Wed 9/18/19	0 days	Wed 9/18/19	NA	440 days	99%
71	2.3.2.1	JC Review and Comment on pUCD RSU Standard	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
72	2.3.2.2	Present pUCD RSU Standard to JC / Conditional Acceptance	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
73	2.3.2.3	Address JC Comments on pUCD RSU Standard	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
74	2.3.2.4	JC Accepts UCD RSU Standard	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
75	2.3.2.3	Prepare SDR	Wed 9/18/19	Wed 9/18/19	0 days	Tue 5/25/21	Tue 5/25/21	1 day	100%
76	2.3.2.6	Circulate UCD RSU Standard to SDOs for Comment	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
77	2.3.2.7	Comment Period / Collect Comments	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
78	2.3.2.8	Convene WG Web Conference(s) to Adjudicate Comments on UCD RSU Standard (incl. Web Conferences)	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
79	2.3.2.9	Prepare Comments Disposition Report	Wed 9/18/19	Wed 9/18/19	0 days	Tue 4/13/21	Fri 4/30/21	14 days	100%
80	2.3.2.10	Deliver Comments Disposition Report to WG	Wed 9/18/19	Wed 9/18/19	0 days	Tue 5/4/21	Tue 5/4/21	1 day	100%
81	2.3.3	Develop Proposed Recommended Standard (pRS) RSU Standard [PWS Task 2.4.1c]	Tue 3/2/21	Tue 6/1/21	65 days	Fri 4/23/21	NA	13.87 days	24%
82	2.3.3.1	Prepare WG Ballot	Mon 3/22/21	Fri 3/26/21	5 days	Fri 4/23/21	Fri 4/30/21	6 days	100%
83	2.3.3.2	Deliver WG Ballot RSU Standard to WG	Fri 3/26/21	Fri 3/26/21	0 days	Mon 5/3/21	Mon 5/3/21	1 day	100%
84	2.3.3.3	WG Ballot	Fri 3/26/21	Fri 4/2/21	5 days	Tue 5/18/21	Fri 5/21/21	4 days	100%
85	2.3.3.4	Convene WG Web Conference on Ballot WG RSU Standard	Mon 4/5/21	Fri 4/9/21	5 days	NA	NA	0 days	0%
86	2.3.3.5	Update Ballot WG RSU Standard based on WG Comments	Mon 4/12/21	Fri 4/23/21	10 days	NA	NA	0 days	0%
87	2.3.3.6	WG Ballot 2	Mon 4/26/21	Fri 4/30/21	5 days	NA	NA	0 days	0%
88	2.3.3.7	Deliver pRS RSU Standard to SDOs	Mon 5/3/21	Fri 5/7/21	5 days	Mon 5/24/21	Fri 5/28/21	0 days	100%
89	2.3.4	Develop Recommended Standard (RS) RSU Standard [PWS Task 2.4.1d]	Wed 9/18/19	Wed 9/18/19	0 days	Wed 9/18/19	NA	464 days	99%
90	2.3.4.1	JC Reviews pRS RSU Standard	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
91	2.3.4.2	Present pRS RSU Standard to JC / Conditional Acceptance	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
92	2.3.4.3	Address JC Comments on pRS RSU Standard	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
93	2.3.4.4	JC Accepts RS RSU Standard	Wed 9/18/19	Wed 9/18/19	0 days	NA	NA	0 days	0%
94	2.3.4.5	Prepare SDR and NOI	Wed 9/18/19	Wed 9/18/19	0 days	Tue 5/25/21	Tue 5/25/21	1 day	100%
95	2.3.4.6	SDO Preparations for Final Ballot - Prep NOI	Wed 9/18/19	Wed 9/18/19	0 days	Mon 5/24/21	Mon 6/28/21	26 days	100%
96	2.3.4.7	Distribute RS RSU Standard to SDOs / Final Ballot [PWS Deliverable]	Wed 9/18/19	Wed 9/18/19	0 days	Mon 5/24/21	Fri 5/28/21	5 days	100%
97	2.3.5	Develop Approved RSU Standard [PWS Task 2.4.1e]	Wed 6/2/21	Fri 8/27/21	57 days	Tue 6/1/21	NA	17.91 days	31%
98	2.3.5.1	SDO Ballot Period / Notice of Intent (NOI)	Mon 5/10/21	Fri 8/13/21	45 days	Tue 6/1/21	NA	17.6 days	40%
99	2.3.5.2	Address Comments on RS RSU Standard from Ballot / NOI Period	Mon 8/9/21	Fri 8/20/21	10 days	NA	NA	0 days	0%
100	2.3.5.3	Prepare Comments Disposition Report	Mon 8/23/21	Tue 8/31/21	6 days	NA	NA	0 days	0%
101	2.3.5.4	Prepare Approved RSU Standard / Complete Ballot	Wed 9/1/21	Wed 9/8/21	5 days	NA	NA	0 days	0%
102	2.3.5.5	Deliver Approved RSU Standard and Comments Report to ITE	Wed 9/8/21	Wed 9/8/21	0 days	NA	NA	0 days	0%
103	2.3.6	Publish Approved RSU Standard [PWS 2.4.2]	Mon 8/30/21	Wed 9/15/21	12 days	Mon 7/26/21	NA	0 days	0%
104	2.3.6.1	Develop Publish Ready Approved RSU Standard	Thu 9/9/21	Wed 9/15/21	5 days	Mon 7/26/21	NA	0 days	0%
105	2.3.6.2	Prepare Compatible RSU MIB and/or ASN.1	Thu 9/9/21	Wed 9/15/21	5 days	NA	NA	0 days	0%
106	2.3.6.3	Deliver RSU MIB or ASN.1 to ITE [WPS Deliverable]	Thu 9/9/21	Wed 9/15/21	5 days	NA	NA	0 days	0%
107	2.3.6.4	Prepare for No Cost Distribution	Thu 9/9/21	Wed 9/15/21	5 days	NA	NA	0 days	0%
108	2.3.6.5	No Cost Distribution Approved RSU Standard [WPS Deliverable]	Wed 9/15/21	Wed 9/15/21	0 days	NA	NA	0 days	0%
109	3	Develop RSU Standard Version 1 Hardware Reference Implementation	Tue 3/2/21	Wed 7/7/21	90 days	NA	NA	0 days	0%
110	3.1	Manufacturers Build RSUs based on Recommend RSU Standard	Mon 3/22/21	Fri 7/2/21	75 days	NA	NA	0 days	0%
111	3.2	Collect Manufacturer Comments on Implementation / Meeting Prep	Tue 7/6/21	Fri 7/16/21	10 days	NA	NA	0 days	0%
112	3.3	Convene WG Web Conference to Adjudicate Comments RS RSU Standard	Mon 7/19/21	Fri 7/30/21	10 days	NA	NA	0 days	0%
113	3.4	Prepare Comments Disposition Report	Mon 8/2/21	Fri 8/13/21	10 days	NA	NA	0 days	0%
114	3.5	Deliver Comments Disposition Report to WG	Fri 8/13/21	Fri 8/13/21	0 days	NA	NA	0 days	0%