

Job 21-053B, Kalawahine Pipelines																															
ID	Task Name	Duration (Workdays)	Calendar Days	Start	Finish	Predecessors	Successors																								
1	Job 21-053B, Kalawahine Pipelines	1362 days?	0	Wed 12/29/21	Thu 3/18/27																										
2	Notice to Proceed (720 calendar days)	1 day	1	Wed 12/29/21	Wed 12/29/21		3,5,6,7,9,10																								
3	Submittals	30 days	42	Thu 12/30/21	Wed 2/9/22	2	455																								
4	Material Procurement	263 days	367	Wed 1/12/22	Fri 1/13/23	355	11FF-10 days,21,1																								
5	HDOT Encroachment Permit	30 days	42	Thu 12/30/21	Wed 2/9/22	2	12																								
6	City Street Usage Permit	20 days	28	Thu 12/30/21	Wed 1/26/22	2	12																								
7	Community Noise Permit	20 days	28	Thu 12/30/21	Wed 1/26/22	2	12																								
8	Manhole Submittal-Submit & Approve	584 days	818	Wed 12/29/21	Mon 3/25/24																										
9	Community Noise Variance Permit	30 days	42	Thu 12/30/21	Wed 2/9/22	2	12																								
10	NPDES Permit	60 days	84	Thu 12/30/21	Wed 3/23/22	2																									
11	Community Meeting (two weeks prior of work)	1 day	1	Fri 12/30/22	Fri 12/30/22	4FF-10 days	12F5+10 days																								
12	Preconstruction Survey	5 days	5	Mon 10/3/22	Fri 10/7/22	5,6,7,9,11F5+10 day																									
13	Erosion Control	2 days	2	Mon 10/24/22	Tue 10/25/22		14,15																								
14	Mobilization	3 days	3	Mon 10/31/22	Wed 11/2/22	13																									
15	Pothole	58 days	80	Wed 10/26/22	Fri 1/13/23	13	16																								
16	Standby (wait for next phase)	100 days	138	Mon 1/16/23	Fri 6/2/23	15,4	17,18																								
17	Phase I and IA (Davenport St. to Wilder St)	1 day?	1	Tue 6/6/23	Tue 6/6/23	16																									
18	Pothole	32 days	44	Mon 6/5/23	Tue 7/18/23	16	21,20,19																								
19	Pothole at Kinau, Gasline Conflict	30 days	42	Wed 7/19/23	Tue 8/29/23	18	58,20																								
20	Standby RFIs 12, 13, 14	63 days	87	Wed 8/30/23	Fri 11/24/23	18,19	21,25,58,22																								
21	Install 24" WL, Sta. 15+20 to 21+00	591 days	827	Mon 11/27/23	Mon 3/2/26	18,4,20																									
22	RFI #27 and WO March 19 for Vault Bypasses	330 days?	462	Fri 12/13/24	Thu 3/19/26	20	23,53																								
23	Install Linestop Bypass and BGGV at 14+74	51 days	71	Mon 4/6/26	Mon 6/15/26	22																									
24	Phase VI (Wilder Ave. to Nehoa St.)	767 days?	0	Mon 11/27/23	Tue 11/3/26																										
25	New Plans (PCD #6)	107 days?	149	Mon 11/27/23	Tue 4/23/24	20	26,29																								
26	Construct new 24" WL, Sta. 21+00 to valve @ Sta. 28+42	100 days	140	Wed 4/24/24	Tue 9/10/24	25	35,28,40,27,72																								
27	Install 20+52 and 20+82 Manholes	93 days	129	Wed 9/11/24	Fri 1/17/25	26	28,32,61,41																								
28	RFI 29; Waterline in conflict with existing storm drain box cross	320 days	448	Tue 2/18/25	Mon 5/11/26	26,27	30,33																								
29	Gasline Relocate and Type E MH, Wilder	41 days	57	Mon 7/29/24	Mon 9/23/24	25	35																								
30	Order materials for RFI #29 (no PCD)	80 days	112	Tue 5/12/26	Mon 8/31/26	28	31																								
31	RFI #29 alignment install, Sta. 28+42 to 29+80	40 days	56	Tue 9/1/26	Mon 10/26/26	30	36																								
32	Complete 24" Install, Sta. 29+80 to 31+97 (large Boulders Delays)	334 days	466	Mon 1/20/25	Thu 4/30/26	27	35,33																								
33	Connect 24" W to Phase I at Sta. 21+00	1 day	1	Tue 5/12/26	Tue 5/12/26	32,28	34																								
34	Sta. 20+72 and 15+20 Install Temporary 24" Cap w/ CO & Conc Block	5 days	7	Wed 5/13/26	Tue 5/19/26	33	35																								
35	Construct new 12" WL, connect to ex. 20" WL	10 days	14	Wed 5/20/26	Tue 6/2/26	26,32,34,29	36,61																								
36	Connect all services. Connect to Ex. 12" at Sta. 31+92.22	6 days	8	Tue 10/27/26	Tue 11/3/26	35,31	91																								
37	Phase II (Hassinger to Davenport)	345 days?	0	Mon 4/7/25	Fri 7/31/26																										
38	RFI 33; Request to change FH install location	33 days	45	Mon 4/7/25	Wed 5/21/25		40																								
39	RFI 34, change in vertical alignment under SS	23 days	31	Mon 4/7/25	Wed 5/7/25		40																								
40	Sta. 14+66 to 11+43-Construct new 24" WL	90 days	126	Thu 5/22/25	Wed 9/24/25	38,39,26	43																								
41	RFI #44-Electric Jacket interfering with BGGV at Sta 11+51	29 days	39	Tue 5/12/26	Fri 6/19/26	27																									
42	Install Bypass and Construct BGGV at Sta. Sta 11+51	31 days?	43	Fri 6/19/26	Fri 7/31/26																										
43	Sta. 11+69, cut and plug WL	3 days	5	Thu 9/25/25	Mon 9/29/25	40	44,63																								
44	Sta. 14+66 Connect Phase II to Phase IA	2 days	2	Tue 9/30/25	Wed 10/1/25	43	45																								
45	Transfer Services and abandon ex. 8" WL	4 days	6	Thu 10/2/25	Tue 10/7/25	44	46																								
46	Connect Davenport WL to Exist. 8". Cut & plug Existing WL.	15 days	21	Wed 10/8/25	Tue 10/28/25	45	48																								
47	Phase III (Hassinger St.)	727 days?	0	Mon 11/27/23	Tue 9/8/26																										
48	New 24" WL between Sta. 11+46 to 10+35 & Hassenger WL	20 days	28	Wed 10/29/25	Tue 11/25/25	46	49																								
49	Install Temporary cap at Sta. 10+35	2 days	2	Wed 11/26/25	Thu 11/27/25	48	50																								
50	Transfer services and Connect to Hassinger WL	4 days	6	Fri 11/28/25	Wed 12/3/25	49	51																								
51	Cut & Plug old WL	4 days	6	Thu 12/4/25	Tue 12/9/25	50	52																								
52	Construct new 24" WL from Sta. 10+10 to 10+35	10 days	14	Wed 12/10/25	Tue 12/23/25	51	53																								
53	Construct Linestop Bypass and BGGV at Sta. 10+18	73 days	103	Fri 3/20/26	Tue 6/30/26	22,52	54																								
54	Install Temp. Cap at Sta. 10+10. Cut & Plug Ex. WL	2 days	2	Wed 7/1/26	Thu 7/2/26	53	55																								
55	Hydrotest	1 day	1	Fri 7/3/26	Fri 7/3/26	54	56																								
56	Chlorinate	5 days	5	Mon 7/6/26	Fri 7/10/26	55	91																								
57	Phase V (Kinau St. to Lunaililo St.)	727 days	0	Mon 11/27/23	Tue 9/8/26																										
58	Redesign Kinau Intersection Connection Delay RFI 16, received PCD #7	419 days	585	Mon 11/27/23	Thu 7/3/25	19,20	59																								
59	Pothole new MH location per PCD #7	10 days	14	Fri 7/4/25	Thu 7/17/25	58	60																								
60	RFI #35 - PCD #7 Type E MH Location and jacket conflict	40 days	56	Fri 7/18/25	Thu 9/11/25	59	61																								
61	Install Temporary Lateral Connection (WL A7 & WL A6), transfer serveive to W6	15 days	21	Wed 6/3/26	Tue 6/23/26	27,60,35	62																								
62	Sta. 0+38 to 3+61 WL A-cut, plug, & Remove W8	8 days	10	Wed 6/24/26	Fri 7/3/26	61	91																								
63	Construct new 24" WL per PCD 7, Sta. 0+51 to 4+71	90 days	126	Tue 4/7/26	Mon 8/10/26	43	64,6555																								
64	Construct new 6"W, connect to ex. 6"W	6 days	8	Tue 8/11/26	Tue 8/18/26	63	66																								
65	Construct Type E MH at Sta. 0+51.59	45 days	61	Mon 6/1/26	Fri 7/31/26	6355	66																								
66	Connect 24" WL to Ex. 42" WL	3 days	3	Wed 8/19/26	Fri 8/21/26	65,64	67																								
67	Hydrotest	1 day	1	Mon 8/24/26	Mon 8/24/26	66	68,69																								
68	Chlorination	7 days	9	Tue 8/25/26	Wed 9/2/26	67	70																								
69	Activate service	1 day	1	Tue 8/25/26	Tue 8/25/26	67																									
70	Transfer all services to 24" WL	4 days	6	Thu 9/3/26	Tue 9/8/26	68	91,81																								
71	Phase IV (Lunailil St. to Hassinger St.)	419 days?	0	Wed 9/11/24	Mon 4/20/26																										
72	Construct new 24" WL, Sta. 7+12 to 9+80,14+48, and 15+23 11+60 to Ph. IIIA	275 days	385	Wed 9/11/24	Tue 9/3																										