



**CITY OF MIAMI BEACH
VENETIAN CAUSEWAY WATER AND SEWER MAIN REPLACEMENT PHASE I RIVO ALTO TO BELLE ISLE**

ID	Task Mode	Task Name	Duration	Start	Finish	% Complete	Resource Names
1	✓	VENETIAN CAUSEWAY WATER AND SEWER MAIN UPGRADES	330 days	Tue 8/30/22	Thu 12/14/23	76%	
2	✓	NTP 1	1 day	Tue 8/30/22	Tue 8/30/22	100%	
3	✓	NTP 2	1 day	Mon 12/19/22	Mon 12/19/22	100%	
4	✓	PERMITS	76 days	Wed 8/31/22	Fri 12/16/22	100%	
5	✓	LANE CLOSURE PERMIT APPLICATION SUBMITTAL	12 days	Wed 8/31/22	Thu 9/15/22	100%	
6	✓	LANE CLOSURE PERMIT APPLICATION APPROVAL	19 days	Tue 10/25/22	Fri 11/18/22	100%	
7	✓	PUBLIC WORKS PERMIT APPLICATION SUBMITTAL	10 days	Wed 8/31/22	Tue 9/13/22	100%	
8	✓	PUBLIC WORKS PERMIT APPLICATION APPROVAL	10 days	Mon 12/5/22	Fri 12/16/22	100%	
9	✓	DEWATERING PERMIT APPLICATION/PLAN SUBMITTAL	17 days	Wed 9/14/22	Thu 10/6/22	100%	
10	✓	DEWATERING PERMIT APPLICATION/PLAN APPROVAL	21 days	Wed 10/26/22	Wed 11/23/22	100%	
11	✓	PRECONSTRUCTION ACTIVITIES	160 days	Wed 9/14/22	Fri 4/28/23	90%	
12	✓	SUBMITTALS	79 days	Wed 9/14/22	Thu 1/5/23	100%	
13	✓	SUBMITTALS OF DI PIPES AND FITTINGS	10 days	Wed 9/14/22	Tue 9/27/22	100%	
14	✓	APPROVAL OF DI PIPES AND FITTINGS	10 days	Fri 11/18/22	Mon 12/5/22	100%	
15	✓	SUBMITTAL OF HDPE PIPE & DRILL PLAN	8 days	Tue 11/1/22	Thu 11/10/22	100%	
16	✓	APPROVAL OF HDPE PIPE & DRILL PLAN	1 day	Fri 11/11/22	Fri 11/11/22	100%	
17	✓	SUBMITTAL OF BUTTERFLY VALVES	10 days	Wed 9/14/22	Tue 9/27/22	100%	
18	✓	APPROVAL OF BUTTERFLY VALVES	10 days	Wed 12/21/22	Thu 1/5/23	100%	
19	✓	SUBMITTALS OF PLUG VALVES	10 days	Wed 9/14/22	Tue 9/27/22	100%	
20	✓	APPROVAL OF PLUG VALVES	10 days	Fri 10/28/22	Thu 11/10/22	100%	
21	✓	MATERIAL PROCUREMENTS	135 days	Wed 10/19/22	Fri 4/28/23	86%	
22	✓	PROCUREMENT OF DI PIPES AND FITTINGS	51 days	Fri 2/17/23	Fri 4/28/23	100%	
23	✓	PROCUREMENT OF HDPE PIPE	40 days	Wed 10/19/22	Thu 12/15/22	100%	
24	✓	PROCUREMENT OF BUTTERFLY VALVES	60 days	Fri 1/6/23	Thu 3/30/23	60%	
25	✓	PROCUREMENT OF PLUG VALVES	20 days	Fri 11/11/22	Mon 12/12/22	100%	
26	✓	CONSTRUCTION ACTIVITIES	261 days	Wed 12/7/22	Thu 12/14/23	53%	
27	✓	MOBILIZATION	1 day	Wed 12/7/22	Wed 12/7/22	100%	
28	✓	UTILITY SOFT DIGS	5 days	Thu 12/8/22	Wed 12/14/22	100%	
29	✓	WATER SERVICE INSTALLATION	39 days	Tue 3/28/23	Fri 5/19/23	100%	
30	✓	HDD 12" FORCEMAIN	209 days	Wed 12/7/22	Fri 9/29/23	59%	
31	✓	MOT SETUP	1 day	Wed 12/7/22	Wed 12/7/22	100%	
32	✓	EXCAVATION OF LAUNCHING PIT	1 day	Wed 12/7/22	Wed 12/7/22	100%	
33	✓	SET UP OF DRILL RIG	1 day	Wed 12/7/22	Wed 12/7/22	100%	
34	✓	INSTALLATION OF TRACING WIRE (WIRELINES)	3 days	Wed 12/7/22	Fri 12/9/22	100%	
35	✓	HDD PILOT HOLE	6 days	Mon 12/12/22	Sat 12/17/22	100%	
36	✓	DRILLING AND REAMING	12 days	Mon 12/19/22	Thu 1/5/23	100%	
37	✓	18" REAMING	7 days	Mon 12/19/22	Wed 12/28/22	100%	
38	✓	24" REAMING	5 days	Thu 12/29/22	Thu 1/5/23	100%	
39	✓	DELIVERY, STAGING AND FUSING AND AIR TESTING 12" HDPE	19 days	Fri 12/16/22	Thu 1/12/23	100%	
40	✓	SWAB PASS	1 day	Fri 1/13/23	Fri 1/13/23	100%	
41	✓	PULL BACK	1 day	Thu 1/26/23	Thu 1/26/23	100%	
42	✓	HYDROSTATIC PRESSURE TEST	1 day	Wed 2/1/23	Wed 2/1/23	100%	
43	✗	FORCE MAIN TIE-INS	20 days	Wed 8/16/23	Wed 9/13/23	0%	
44	✗	ABANDONMENT OF EXISTING FORCE MAIN	5 days	Thu 9/14/23	Wed 9/20/23	0%	
45	✗	TEMPORARY RESTORATION AND CLEAN UP	7 days	Thu 9/21/23	Fri 9/29/23	0%	
46	✓	HDD 36" WATERMAIN	172 days	Fri 2/24/23	Thu 10/26/23	44%	
47	✓	MOT SETUP	2 days	Fri 2/24/23	Mon 2/27/23	100%	
48	✓	EXCAVATION OF LAUNCHING PIT	1 day	Tue 2/28/23	Tue 2/28/23	100%	
49	✓	SET UP OF DRILL RIG	1 day	Wed 3/1/23	Wed 3/1/23	100%	
50	✓	HDD PILOT HOLE	6 days	Thu 3/2/23	Thu 3/9/23	100%	
51	✓	DRILLING AND REAMING	17 days	Fri 3/10/23	Mon 4/3/23	100%	
52	✓	18" REAMING	2 days	Fri 3/10/23	Mon 3/13/23	100%	
53	✓	24" REAMING	3 days	Tue 3/14/23	Thu 3/16/23	100%	
54	✓	32" REAMING	1 day	Fri 3/17/23	Sat 3/18/23	100%	
55	✓	42" REAMING	3 days	Mon 3/20/23	Wed 3/22/23	100%	
56	✓	54" REAMING	7 days	Fri 3/24/23	Mon 4/3/23	100%	
57	✓	DELIVERY, STAGING AND FUSING AND AIR TESTING 20" HDPE	3 days	Tue 4/4/23	Thu 4/6/23	100%	
58	✓	SWAB PASS	1 day	Thu 4/6/23	Thu 4/6/23	100%	
59	✓	PULL BACK	1 day	Fri 4/7/23	Fri 4/7/23	100%	
60	✓	HYDROSTATIC PRESSURE TEST	5 days	Fri 4/21/23	Thu 4/27/23	100%	
61	✓	DISINFECTION AND BACTERIOLOGICAL TESTING	3 days	Fri 6/16/23	Tue 6/20/23	100%	
62	✓	WATER MAIN CLEARANCE	5 days	Wed 6/21/23	Tue 6/27/23	0%	
63	✗	WATER MAIN TIE-INS	4 days	Tue 7/11/23	Fri 7/14/23	0%	
64	✗	ABANDONMENT OF EXISTING WATER MAIN	12 days	Mon 7/17/23	Tue 8/1/23	0%	
65	✗	TEMPORARY RESTORATION AND CLEAN UP	10 days	Wed 8/2/23	Tue 8/15/23	0%	
66	✓	SUBSTANTIAL COMPLETION	1 day	Mon 10/2/23	Mon 10/2/23	0%	
67	✓	FINAL MILLING AND PAVING	15 days	Tue 10/3/23	Mon 10/23/23	0%	
68	✓	STRIPING	3 days	Tue 10/24/23	Thu 10/26/23	0%	
69	✓	PROJECT CLOSEOUT	33 days	Fri 10/27/23	Thu 12/14/23	0%	
70	✓	FINAL COMPLETION WALK THROUGH	2 days	Fri 10/27/23	Mon 10/30/23	0%	
71	✓	FINAL COMPLETION PUNCH LIST	10 days	Tue 10/31/23	Mon 11/13/23	0%	
72	✓	CLOSE OUT- PERMITS	15 days	Tue 11/14/23	Wed 12/6/23	0%	
73	✓	SUBMITTAL OF CLOSEOUT DOCUMENTS	5 days	Thu 12/7/23	Wed 12/13/23	0%	
74	✓	FINAL COMPLETION	1 day	Thu 12/14/23	Thu 12/14/23	0%	

