



**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	Task	VENETIAN CAUSEWAY WATER AND SEWER MAIN UPGRADES	323 days	Tue 8/30/22	Tue 12/5/23	57%	
2	Task	NTP 1	1 day	Tue 8/30/22	Tue 8/30/22	100%	
3	Task	NTP 2	1 day	Mon 12/19/22	Mon 12/19/22	100%	
4	Task	PERMITS	76 days	Wed 8/31/22	Fri 12/16/22	100%	
5	Task	LANE CLOSURE PERMIT APPLICATION SUBMITTAL	12 days	Wed 8/31/22	Thu 9/15/22	100%	
6	Task	LANE CLOSURE PERMIT APPLICATION APPROVAL	19 days	Tue 10/25/22	Fri 11/18/22	100%	
7	Task	PUBLIC WORKS PERMIT APPLICATION SUBMITTAL	10 days	Wed 8/31/22	Tue 9/13/22	100%	
8	Task	PUBLIC WORKS PERMIT APPLICATION APPROVAL	10 days	Mon 12/5/22	Fri 12/16/22	100%	
9	Task	DEWATERING PERMIT APPLICATION/PLAN SUBMITTAL	17 days	Wed 9/14/22	Thu 10/6/22	100%	
10	Task	DEWATERING PERMIT APPLICATION/PLAN APPROVAL	21 days	Wed 10/26/22	Wed 11/23/22	100%	
11	Task	PRECONSTRUCTION ACTIVITIES	139 days	Wed 9/14/22	Thu 3/30/23	84%	
12	Task	SUBMITTALS	79 days	Wed 9/14/22	Thu 1/5/23	100%	
13	Task	SUBMITTALS OF DI PIPES AND FITTINGS	10 days	Wed 9/14/22	Tue 9/27/22	100%	
14	Task	APPROVAL OF DI PIPES AND FITTINGS	10 days	Fri 11/18/22	Mon 12/5/22	100%	
15	Task	SUBMITTAL OF HDPE PIPE & DRILL PLAN	8 days	Tue 11/1/22	Thu 11/10/22	100%	
16	Task	APPROVAL OF HDPE PIPE & DRILL PLAN	1 day	Fri 11/11/22	Fri 11/11/22	100%	
17	Task	SUBMITTAL OF BUTTERFLY VALVES	10 days	Wed 9/14/22	Tue 9/27/22	100%	
18	Task	APPROVAL OF BUTTERFLY VALVES	10 days	Wed 12/21/22	Thu 1/5/23	100%	
19	Task	SUBMITTALS OF PLUG VALVES	10 days	Wed 9/14/22	Tue 9/27/22	100%	
20	Task	APPROVAL OF PLUG VALVES	10 days	Fri 10/28/22	Thu 11/10/22	100%	
21	Task	MATERIAL PROCUREMENTS	114 days	Wed 10/19/22	Thu 3/30/23	76%	
22	Task	PROCUREMENT OF DI PIPES AND FITTINGS	30 days	Fri 2/17/23	Thu 3/30/23	60%	
23	Task	PROCUREMENT OF HDPE PIPE	40 days	Wed 10/19/22	Thu 12/15/22	100%	
24	Task	PROCUREMENT OF BUTTERFLY VALVES	60 days	Fri 1/6/23	Thu 3/30/23	60%	
25	Task	PROCUREMENT OF PLUG VALVES	20 days	Fri 11/11/22	Mon 12/12/22	100%	
26	Task	CONSTRUCTION ACTIVITIES	254 days	Wed 12/7/22	Tue 12/5/23	20%	
27	Task	MOBILIZATION	1 day	Wed 12/7/22	Wed 12/7/22	100%	
28	Task	UTILITY SOFT DIGS	5 days	Thu 12/8/22	Wed 12/14/22	100%	
29	Task	WATER SERVICE INSTALLATION	10 days	Tue 3/28/23	Mon 4/10/23	0%	
30	Task	HDD 12" FORCEMAIN	202 days	Wed 12/7/22	Wed 9/20/23	59%	
31	Task	MOT SETUP	1 day	Wed 12/7/22	Wed 12/7/22	100%	
32	Task	EXCAVATION OF LAUNCHING PIT	1 day	Wed 12/7/22	Wed 12/7/22	100%	
33	Task	SET UP OF DRILL RIG	1 day	Wed 12/7/22	Wed 12/7/22	100%	
34	Task	INSTALLATION OF TRACING WIRE (WIRELINES)	3 days	Wed 12/7/22	Fri 12/9/22	100%	
35	Task	HDD PILOT HOLE	6 days	Mon 12/12/22	Sat 12/17/22	100%	
36	Task	DRILLING AND REAMING	12 days	Mon 12/19/22	Thu 1/5/23	100%	
37	Task	18" REAMING	7 days	Mon 12/19/22	Wed 12/28/22	100%	
38	Task	24" REAMING	5 days	Thu 12/29/22	Thu 1/5/23	100%	
39	Task	DELIVERY, STAGING AND FUSING AND AIR TESTING 12" HDPE	19 days	Fri 12/16/22	Thu 1/12/23	100%	
40	Task	SWAB PASS	1 day	Fri 1/13/23	Fri 1/13/23	100%	
41	Task	PULL BACK	1 day	Thu 1/26/23	Thu 1/26/23	100%	
42	Task	HYDROSTATIC PRESSURE TEST	1 day	Wed 2/1/23	Wed 2/1/23	100%	
43	Task	FORCE MAIN TIE-INS	20 days	Mon 8/7/23	Fri 9/1/23	0%	
44	Task	ABANDONMENT OF EXISTING FORCE MAIN	5 days	Tue 9/5/23	Mon 9/11/23	0%	
45	Task	TEMPORARY RESTORATION AND CLEAN UP	7 days	Tue 9/12/23	Wed 9/20/23	0%	
46	Task	HDD 36" WATERMAIN	165 days	Fri 2/24/23	Tue 10/17/23	0%	
47	Task	MOT SETUP	1 day	Fri 2/24/23	Fri 2/24/23	0%	
48	Task	EXCAVATION OF LAUNCHING PIT	1 day	Mon 2/27/23	Mon 2/27/23	0%	
49	Task	SET UP OF DRILL RIG	1 day	Tue 2/28/23	Tue 2/28/23	0%	
50	Task	HDD PILOT HOLE	6 days	Wed 3/1/23	Wed 3/8/23	0%	
51	Task	DRILLING AND REAMING	35 days	Thu 3/9/23	Wed 4/26/23	0%	
52	Task	18" REAMING	7 days	Thu 3/9/23	Fri 3/17/23	0%	
53	Task	24" REAMING	7 days	Mon 3/20/23	Tue 3/28/23	0%	
54	Task	32" REAMING	7 days	Wed 3/29/23	Thu 4/6/23	0%	
55	Task	42" REAMING	7 days	Fri 4/7/23	Mon 4/17/23	0%	
56	Task	54" REAMING	7 days	Tue 4/18/23	Wed 4/26/23	0%	
57	Task	DELIVERY, STAGING AND FUSING AND AIR TESTING 20" HDPE	8 days	Fri 3/10/23	Tue 3/21/23	0%	
58	Task	SWAB PASS	1 day	Thu 4/27/23	Thu 4/27/23	0%	
59	Task	PULL BACK	1 day	Fri 4/28/23	Fri 4/28/23	0%	
60	Task	HYDROSTATIC PRESSURE TEST	5 days	Mon 5/1/23	Fri 5/5/23	0%	
61	Task	DISINFECTION AND BACTERIOLOGICAL TESTING	10 days	Mon 5/8/23	Fri 5/19/23	0%	
62	Task	WATER MAIN CLEARANCE	5 days	Mon 5/22/23	Fri 5/26/23	0%	
63	Task	WATER MAIN TIE-INS	20 days	Tue 5/30/23	Mon 6/26/23	0%	
64	Task	ABANDONMENT OF EXISTING WATER MAIN	12 days	Tue 6/27/23	Thu 7/13/23	0%	
65	Task	TEMPORARY RESTORATION AND CLEAN UP	10 days	Fri 7/14/23	Thu 7/27/23	0%	
66	Task	SUBSTANTIAL COMPLETION	1 day	Thu 9/21/23	Thu 9/21/23	0%	
67	Task	FINAL MILLING AND PAVING	15 days	Fri 9/22/23	Thu 10/12/23	0%	
68	Task	STRIPING	3 days	Fri 10/13/23	Tue 10/17/23	0%	
69	Task	PROJECT CLOSEOUT	33 days	Wed 10/18/23	Tue 12/5/23	0%	
70	Task	FINAL COMPLETION WALK THROUGH	2 days	Wed 10/18/23	Thu 10/19/23	0%	
71	Task	FINAL COMPLETION PUNCH LIST	10 days	Fri 10/20/23	Thu 11/2/23	0%	
72	Task	CLOSE OUT- PERMITS	15 days	Fri 11/3/23	Mon 11/27/23	0%	
73	Task	SUBMITTAL OF CLOSEOUT DOCUMENTS	5 days	Tue 11/28/23	Mon 12/4/23	0%	
74	Task	FINAL COMPLETION	1 day	Tue 12/5/23	Tue 12/5/23	0%	

