

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Apr 16, '17	Apr 23, '17	Apr 30, '17	May 7, '17	May 14, '17	May 21, '17	May 28, '17	Jun 4, '17	Jun 11, '17	Jun 18, '17	Jun 25, '17
1	Task	Pre construction Meeting	1 day	Thu 1/12/17	Thu 1/12/17													
2	Task	Notice to Proceed	1 day	Tue 1/10/17	Tue 1/10/17													
3	Task	Copies of Subcontracts & DBE verification	15 days	Wed 1/11/17	Tue 1/31/17	2												
4	Task	Sheeting layout & materials Submittal	10 days	Thu 2/2/17	Wed 2/15/17													
5	Task	Order sheeting upon submittal approval	10 days	Thu 2/16/17	Wed 3/1/17	4												
6	Task	Order Tie rods (Coated) & Walers	20 days	Thu 2/16/17	Wed 3/15/17	4												
7	Task	Sieves for aggregates for approval	5 days	Mon 1/30/17	Fri 2/3/17													
8	Task	Erosion Control, fabric submittal	5 days	Wed 1/25/17	Tue 1/31/17													
9	Task	Dredging Work Plan Submittal	5 days	Thu 2/2/17	Wed 2/8/17													
10	Task	Mobilization	1 day	Mon 2/13/17	Mon 2/13/17													
11	Task	Electrical Panelboard by Vinii lead time	25 days	Mon 2/20/17	Fri 3/24/17	43												
12	Task	F & I Plastic (Snow) Fence	1 day	Tue 2/14/17	Tue 2/14/17	10												
13	Task	Misc Site demo (misc signs, bollards, planters, curb gutter)	5 days	Tue 2/21/17	Mon 2/27/17													
14	Task	Furnish & Install Turbidity Curtain	2 days	Tue 2/14/17	Wed 2/15/17	10												
15	Task	Bathy Pre- Survey (Sub)	1 day	Tue 2/14/17	Tue 2/14/17													
16	Task	Erosion Control (silt fence sediment log, inlet protection)	2 days	Tue 2/14/17	Wed 2/15/17	10,8												
17	Task	Demo Concrete Cap	1 day	Thu 2/16/17	Thu 2/16/17	16												
18	Task	Set up Dredge Material Stock Pile area	1 day	Thu 2/16/17	Thu 2/16/17	16												
19	Task	Dredging Part 1	2 days	Fri 2/17/17	Mon 2/20/17	18,9												
20	Task	Demo Existing Crib to elevations required	4 days	Tue 2/21/17	Fri 2/24/17	19												
21	Task	Haul off Demo Materials	2 days	Mon 2/27/17	Tue 2/28/17	20												
22	Task	Sheeting Delivery	3 days	Mon 2/27/17	Wed 3/1/17													
23	Task	Waler & Rod Delivery	1 day	Mon 3/13/17	Mon 3/13/17	4												
24	Task	Backfill with Open Graded Base	6 days	Wed 2/22/17	Wed 3/1/17	7												
25	Task	Drive Front sheet pile wall	26 days	Mon 3/13/17	Mon 4/17/17	5,24												
26	Task	Place Open Graded Base Behind front wall	4 days	Thu 3/16/17	Tue 3/21/17	25SS+3 days,8												
27	Task	Excavate for Anchor wall & Rods as needed	2 days	Wed 10/26/16	Thu 10/27/16													
28	Task	Drive Anchor Wall	5 days	Tue 4/18/17	Mon 4/24/17	25												
29	Task	Attach waler front wall	12 days	Tue 4/4/17	Wed 4/19/17	25SS+10 days												
30	Task	Attach deadman waler	10 days	Thu 4/20/17	Wed 5/3/17	28SS+2 days												
31	Task	Install tie rods	5 days	Thu 4/20/17	Wed 4/26/17	29												
32	Task	Backfill with Additional Open Graded Base	6 days	Thu 4/20/17	Thu 4/27/17	29												
33	Task	Backfill with dredged material	6 days	Tue 4/25/17	Tue 5/2/17	32SS+3 days												
34	Task	Complete Dredging front of wall	3 days	Thu 4/27/17	Mon 5/1/17	33SS+2 days												
35	Task	PLACE RIP Rap	3 days	Fri 4/28/17	Tue 5/2/17	34SS+1 day												
36	Task	Final Bathy Survey	1 day	Wed 5/3/17	Wed 5/3/17	35												
37	Task	Remove Turbidity Curtain	1 day	Thu 5/4/17	Thu 5/4/17	36												
38	Task	Connections Old to New Walls	2 days	Wed 5/3/17	Thu 5/4/17	25,33												
39	Task	Cut Sheeting	2 days	Wed 5/3/17	Thu 5/4/17	33,35												
40	Task	Order Fenders & Cleats	20 days	Mon 4/10/17	Fri 5/5/17													
41	Task	Fenders & Cleats (ALT B)	7 days	Mon 5/8/17	Tue 5/16/17	39,40												
42	Task	Electrical work (Equipment & Light Poles) Vinii	15 days	Mon 4/10/17	Fri 4/28/17													
43	Task	Electrical demo work by WE Energies	5 days	Mon 5/1/17	Fri 5/5/17	42												
44	Task	Dense Graded Base	3 days	Wed 5/3/17	Fri 5/5/17	33												
45	Task	Concrete Mix Design Submittal for review ARROWCRETE	8 days	Fri 4/14/17	Tue 4/25/17													
46	Task	Concrete Flatwork Promenade Walk & Cap Arrowcrete	10 days	Mon 5/8/17	Fri 5/19/17	44,45												
47	Task	Place Dredged Material for Dune (300 cy)	1 day	Wed 5/3/17	Wed 5/3/17	33												
48	Task	Beach Sand (Alt A)	2 days	Thu 5/4/17	Fri 5/5/17	47												
49	Task	HOFFMAN install beach grass at dune	3 days	Mon 5/8/17	Wed 5/10/17	48												
50	Task	Railing RE Submittal for approval	15 days	Wed 3/1/17	Tue 3/21/17													
51	Task	42" Montage Railing (Sub) Century Fence	5 days	Tue 5/23/17	Mon 5/29/17	46FS+1 day,50												
52	Task	Utility Locate & Submit to Engineer	2 days	Mon 2/27/17	Tue 2/28/17													
53	Task	Drainage Structures Submittal & Approvals	15 days	Wed 3/1/17	Tue 3/21/17	52												
54	Task	UPI Order Materials	3 days	Wed 3/1/17	Fri 3/3/17	52												
55	Task	UPI Utility work 12" - 24" MH CB North	5 days	Wed 3/8/17	Tue 3/14/17	52FS+5 days,54												
56	Task	UPI Utility Work 12" - 24" MH CB SOUTH	5 days	Fri 5/5/17	Thu 5/11/17	57												
57	Task	24" discharge through sheeting coordinate	2 days	Wed 5/3/17	Thu 5/4/17	31												
58	Task	UPI Directional Drilling Plan submittal	4 days	Thu 2/23/17	Tue 2/28/17													
59	Task	UPI RJ Underground Directional Drilling	5 days	Wed 3/1/17	Tue 3/7/17	58												
60	Task	Vinii REMOVALS	5 days	Mon 3/20/17	Fri 3/24/17	55												
61	Task	NORTH LOT pulverize, grade C&G, concrete	16 days	Mon 4/17/17	Mon 5/8/17													

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62		P & D Pulverize North Lot	1 day	Mon 4/17/17	Mon 4/17/17	61SS												
63		Terra grade C&G & Islands (7 ea)	5 days	Tue 4/18/17	Mon 4/24/17	62												
64		Terra grade 10' wide path North end (Yacht Club access)	5 days	Tue 4/25/17	Mon 5/1/17	63												
65		Terra Bio Overflow areas North	4 days	Tue 5/2/17	Fri 5/5/17	64												
66		ARROWCRETE Mobilization C&G Concrete Pave Yacht Club	10 days	Tue 4/26/17	Tue 5/9/17	63SS+6 days												
67		ARROWCRETE Concrete Pave Yacht Club	3 days	Wed 5/10/17	Fri 5/12/17	66												
68		SOUTH LOT pulverize, grade, C&G, concrete	20 days	Fri 5/12/17	Thu 6/8/17	56												
69		Terra grade park area; South west	6 days	Mon 5/8/17	Mon 5/15/17	65												
70		Haul asphalt pile away - crush	2 days	Mon 5/29/17	Tue 5/30/17	71SS												
71		P & D Pulverize South Lot	1 day	Mon 5/29/17	Mon 5/29/17	79												
72		Terra grading work South Lot - raise grade	2 days	Tue 5/30/17	Wed 5/31/17	71,65,69												
73		Concrete Pad Ticket Booth Benevides	5 days	Thu 6/1/17	Wed 6/7/17	72												
74		Terra grade C&G & Islands SOUTH	4 days	Thu 6/1/17	Tue 6/6/17	72												
75		Terra grade 10' wide path & Promenade AREA	3 days	Fri 5/5/17	Tue 5/9/17	39												
76		Terra Bio Overflow areas South	3 days	Wed 5/10/17	Fri 5/12/17	75												
77		ARROWCRETE Walkway & Promenade walk	7 days	Wed 5/10/17	Thu 5/18/17	75												
78		Railing at Wall Century Fence	5 days	Fri 5/19/17	Thu 5/25/17	77												
79		Bioinfiltration Areas	15 days	Mon 5/8/17	Fri 5/26/17	65												
80		Hoffman																
81		Submittal for approval Benches, Bike Rack, Trash Cans	10 days	Tue 3/7/17	Mon 3/20/17													
82		Fabrication of benches - delivery (b4 5/2)	12 days	Mon 4/10/17	Tue 4/25/17													
83		F & I Benches (11) Bike Rack(8) Trash Can (4)	3 days	Mon 6/26/17	Wed 6/28/17													
84		Pre-manufactured Building Order: shop drawings	5 days	Mon 2/20/17	Fri 2/24/17													
85		Shop Drawings Pre-Manufacturer Building Approval	27 days	Mon 2/27/17	Tue 4/4/17	84												
86		Pre Manufacturer Building Fabrication & Delivery	55 days	Wed 4/5/17	Tue 6/20/17	85												
87		Install pre-manufactured Building	4 days	Wed 6/21/17	Mon 6/26/17	86												
88		Fish Cleaning Station Improvements	50 days	Fri 4/28/17	Thu 7/6/17													
89		Bohmann & Vick submittals & order grinder	35 days	Fri 4/28/17	Thu 6/15/17	88SS												
90		Bohmann & Vick plumbing at fish grinder station	10 days	Fri 5/19/17	Thu 6/1/17	88SS+15 days												
91		Benevides Concrete Work Fish Cleaning STA	2 days	Fri 6/2/17	Mon 6/5/17	90												
92		Install grinder	2 days	Fri 6/16/17	Mon 6/19/17	89												
93		Vinii electric work at fish clean station	3 days	Tue 6/20/17	Thu 6/22/17	92												
94		Dumpster Enclosure Work (Concrete & Fence)	20 days	Mon 5/15/17	Fri 6/9/17													
95		Excavation for new concrete pad - Dumpster (Terra)	1 day	Mon 5/15/17	Mon 5/15/17	94SS												
96		Concrete work Dumpster Pad (Benevides) 16'by16'	3 days	Tue 5/16/17	Thu 5/18/17	95												
97		Fence at Dumpster enclosure Century Fence	3 days	Wed 6/7/17	Fri 6/9/17	96FS+13 days												
98		Boat Washdown System	10 days	Mon 5/22/17	Fri 6/2/17													
99		Excavation for boat wash down	1 day	Mon 5/22/17	Mon 5/22/17	98SS												
100		Benevides Concrete Work Boat Wash Down C401 8'by3'	2 days	Tue 5/23/17	Wed 5/24/17	96,99												
101		Plumbing at Boat Wash Down UPI (Complete) ?	1 day?	Thu 5/25/17	Thu 5/25/17	100												
102		Landscaping Submittals for approval (Hoffman)	15 days	Tue 4/25/17	Mon 5/15/17													
103		Topsoil Placement	4 days	Tue 5/30/17	Fri 6/2/17	102FS+10 days												
104		Landscaping (Seeding, grass, trees) Hoffman	10 days	Mon 6/5/17	Fri 6/16/17	102,103												
105		Asphalt Mix Design Submittal	5 days	Mon 5/1/17	Fri 5/5/17													
106		Asphalt Pavement (Payne & Dolan) NORTH LOT	2 days	Mon 5/15/17	Tue 5/16/17	105,67												
107		Asphalt Pavement (Payne & Dolan) SOUTH LOT	2 days	Tue 6/20/17	Wed 6/21/17													
108		Pavement Striping (Crowley)	2 days	Thu 6/22/17	Fri 6/23/17	107												
109		Substantial Completion	1 day	Fri 6/30/17	Fri 6/30/17													

Project: 1880 Schedule S Shore M
Date: Wed 5/31/17

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