

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors															
							M	Half 2, 2018				Half 1, 2019			Half 2, 2019			Half 1, 2020			M
								J	S	N	J	M	M	J	S	N	J	M			
1		EX- 8 Project Schedule																			
2		Project #1 Western Escambia Bay Living Shorelines Project																			
3		Data Collection	220 days	Mon 7/2/18	Fri 5/3/19																
4		Baseline Monitoring	220 days	Mon 7/2/18	Fri 5/3/19																
5		Vegetation,Benthos, SAV	220 days	Mon 7/2/18	Fri 5/3/19																
6		Geomorph/Env/Hydro Data	70 days	Mon 7/2/18	Fri 10/5/18																
7		Wind, Wave, Hydro Data Collection	30 days	Mon 7/2/18	Fri 8/10/18																
8		Survey	90 days	Mon 7/2/18	Fri 11/2/18																
9		Land Survey	50 days	Mon 7/2/18	Fri 9/7/18																
10		Bathymetry Survey	40 days	Mon 9/10/18	Fri 11/2/18	9															
11		Geotech Investigation and Report	70 days	Mon 7/2/18	Fri 10/5/18																
12		Cultural Resource (Desk top)	45 days	Mon 7/2/18	Fri 8/31/18																
13		T & E (Desk top)	30 days	Mon 7/2/18	Fri 8/10/18																
14		Data Analysis	44 days	Mon 8/13/18	Thu 10/11/18																
15		Geomorph Analysis	30 days	Mon 8/13/18	Fri 9/21/18																
16		Hydrodyanmic Analysis	30 days	Mon 8/13/18	Fri 9/21/18	7															
17		Material Alternative Analysis	14 days	Mon 9/24/18	Thu 10/11/18	15,16															
18		Preliminary Design	142 days	Mon 11/5/18	Tue 5/21/19																
19		Sediment Transport and Wave Modeling	50 days	Mon 11/5/18	Fri 1/11/19	8															
20		Stability Analysis	20 days	Mon 1/14/19	Fri 2/8/19	17,19,11															
21		Alternatives Analysis	20 days	Mon 2/11/19	Fri 3/8/19	20															
22		Preliminary Layout and Reef Profile	30 days	Mon 3/11/19	Fri 4/19/19	21															
23		Pre-Negotiate Reef Material	10 days	Mon 4/22/19	Fri 5/3/19	22															
24		Opinion of Costs	12 days	Mon 5/6/19	Tue 5/21/19	22,23															
25		Permitting	401 days	Mon 8/13/18	Mon 2/24/20																
26		Early NEPA/Permitting Coordination Meeting	1 day	Mon 8/13/18	Mon 8/13/18																
27		Agency Pre-App Meeting	1 day	Fri 10/12/18	Fri 10/12/18	17,26															
28		Prepare Section 10/404 Permit/NEPA	145 days	Mon 4/22/19	Fri 11/8/19	22															
29		T&E (Agency Coordination)	20 days	Mon 4/22/19	Fri 5/17/19	22															
30		Cultural Resources/SHPO (Concurrence)	20 days	Mon 4/22/19	Fri 5/17/19	22															
31		Prepare Permit App/401 Cert/ERP/WRP	20 days	Mon 5/20/19	Fri 6/14/19	22,29															
32		USACE/FDEP Review	180 days	Mon 6/17/19	Fri 2/21/20	31															
33		Permit Issuance	1 day	Mon 2/24/20	Mon 2/24/20	32															
34		Detailed Design /Contract Documents	100 days	Wed 5/22/19	Tue 10/8/19	24															
35		Bid Solicitation and Award	90 days	Tue 2/25/20	Mon 6/29/20	33															
36		Construction	360 days	Tue 6/30/20	Mon 11/15/21	35															
37		Post Construction Monitoring	1095 days	Tue 11/16/21	Mon 1/26/26	36															
38																					
Project: Project Schedule Date: Fri 7/7/17		Task		Project Summary		Manual Task		Start-only		Deadline											
		Split		Inactive Task		Duration-only		Finish-only		Progress											
		Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress											
		Summary		Inactive Summary		Manual Summary		External Milestone													
Page 1																					

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39							M	Half 2, 2018			Half 1, 2019			Half 2, 2019			Half 1, 2020			
40		Project #2 - Pensacola Bay Bluffs Erosion and Stabilization Project																		
41		Data Collection	45 days	Mon 7/2/18	Fri 8/31/18															
42		Geotech & Report	45 days	Mon 7/2/18	Fri 8/31/18															
43		Survey	30 days	Mon 7/23/18	Fri 8/31/18															
44		Field Review (Identify varying levels of erosion and causes)	30 days	Mon 7/23/18	Fri 8/31/18															
45		Preliminary Design	77 days	Mon 9/3/18	Tue 12/18/18															
46		Identify alternative erosion control methods for each erosion area	30 days	Mon 9/3/18	Fri 10/12/18	43,42,44														
47		Prepare 30% construction plans	30 days	Mon 10/15/18	Fri 11/23/18	46														
48		Prepare opinion of probable costs	7 days	Mon 11/26/18	Tue 12/4/18	47														
49		City review and follow up meeting with City to discuss alternative solutions	10 days	Wed 12/5/18	Tue 12/18/18	48														
50		Prepare 90% Construction Documents	110 days	Wed 12/19/18	Tue 5/21/19	49														
51		Prepare Construction Plans and Specifications	90 days	Wed 12/19/18	Tue 4/23/19	49														
52		Prepare General Permit Package and submit	10 days	Wed 4/24/19	Tue 5/7/19	51														
53		Prepare Project Manual/Bid Package	10 days	Wed 4/24/19	Tue 5/7/19	51														
54		Prepare Quantities and Bid Sheet	10 days	Wed 4/24/19	Tue 5/7/19	51														
55		City Review of Plans with follow up meetingy to discuss recommended solutions/costs	10 days	Wed 5/8/19	Tue 5/21/19	54														
56		Finalize Plans and Bid Documents	70 days	Wed 5/22/19	Tue 8/27/19															
57		Prepare 100% Final Plans and Specifications	60 days	Wed 5/22/19	Tue 8/13/19	55														
58		Prepare Final Project Manual/Bid Package	10 days	Wed 8/14/19	Tue 8/27/19	57														
59		Prepare Final Construction Cost Estimate	10 days	Wed 8/14/19	Tue 8/27/19	57														
60		Bid Solicitation and Award	60 days	Wed 8/28/19	Tue 11/19/19	59														
61		Construction	220 days	Wed 11/20/19	Tue 9/22/20	60														
62		Post Construction Monitoring	1095 days	Wed 9/23/20	Tue 12/3/24	61														
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	Split		Inactive Task		Duration-only		Finish-only		Progress	
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Page 2

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73							M	Half 2, 2018			Half 1, 2019			Half 2, 2019			Half 1, 2020					
74							J	S	N	J	M	M	J	S	N	J	M	M				
75																						
76		Project #3 - Bay Bluffs Park & Mallory Heights Park #3 Enhancements																				
77		Data Collection	32 days	Mon 7/2/18	Tue 8/14/18																	
78		Geotech & Report	20 days	Mon 7/2/18	Fri 7/27/18																	
79		Survey	15 days	Mon 7/23/18	Fri 8/10/18																	
80		Plant and Animal Species Field Review (Document invasive species and locations)	3 days	Mon 7/23/18	Wed 7/25/18																	
81		Boardwalk Inspection to determine required replacement sections	2 days	Mon 8/13/18	Tue 8/14/18	79																
82		Preliminary Design	77 days	Wed 8/15/18	Thu 11/29/18																	
83		Identify park enhancements and surface drainage improvements	30 days	Wed 8/15/18	Tue 9/25/18	81																
84		Prepare 30% construction plans	30 days	Wed 9/26/18	Tue 11/6/18	83																
85		Prepare opinion of probable costs	7 days	Wed 11/7/18	Thu 11/15/18	84																
86		City review and follow up meeting with City to discuss alternative solutions	10 days	Fri 11/16/18	Thu 11/29/18	85																
87		Prepare 90% Construction Documents	110 days	Fri 11/30/18	Thu 5/2/19																	
88		Prepare Construction Plans and Specifications	90 days	Fri 11/30/18	Thu 4/4/19	86																
89		Prepare General Permit Package and submit	10 days	Fri 4/5/19	Thu 4/18/19	88																
90		Prepare Project Manual/Bid Package	10 days	Fri 4/5/19	Thu 4/18/19	88																
91		Prepare Quantities and Bid Sheet	10 days	Fri 4/5/19	Thu 4/18/19	88																
92		City Review of Plans with follow up meeting to discuss recommended solutions/costs	10 days	Fri 4/19/19	Thu 5/2/19	91																
93		Finalize Plans and Bid Documents	70 days	Fri 5/3/19	Thu 8/8/19																	
94		Prepare 100% Final Plans and Specifications	60 days	Fri 5/3/19	Thu 7/25/19	92																
95		Prepare Final Project Manual/Bid Package	10 days	Fri 7/26/19	Thu 8/8/19	94																
96		Prepare Final Construction Cost Estimate	10 days	Fri 7/26/19	Thu 8/8/19	94																
97		Bid Solicitation and Award	60 days	Fri 8/9/19	Thu 10/31/19	96																
98		Construction	220 days	Fri 11/1/19	Thu 9/3/20																	
99		Post Construction Monitoring	1095 days	Fri 9/4/20	Thu 11/14/24																	
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Page 3																						

