HALLMARK ROAD & YARD RESURFA(Engineer's Estimate - 2/17/19

Month	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10
Year	20											21												22										

1	Design & Project Engineering																																	
2	Permitting																																	
3	Erosion Contrl																																	
4	Mobilization																																	
5	Project Layout/Mtls. Testing																																	
6	Site Preparation/Demolition																																	
7	Excavation & Grading																																	
8	Geotextile Fabric																																	
9	Aggregate Sub-Base																																	
10	Cleanouts & Catch Basins																																	
12	Utility Boxes																																	
13	Waterline Installation																																	
14	3" Asphalt Overlay (215,000 sf) (150 lbs/cf)																																	
15	Conveyance Pipe																																	
16	Trench Drain																																	
17	CIP Curb																																	
18	Curb & Gutter																																	
19	Concrete Sidewalk																																	
20	Electric Conduit & Wiring																																	
21	Lighting w Foundation																																	
22	Landscaping & Plantings																																	
23	Striping																																	
24	Final Inspection																																	

This six-month period is best for completing the proposed Phase III paving project, for at least 3 reasons:
1. The dry season begins in April at this location, providing amenable conditions for asphalt & concrete work; **2.** This six-month time period is outside the in-water work period (Oct. - end of February), and so the surfacing work need not conflict with proposed in-water (dock repair/replacement) and **3.** All resurfacing work should be done after that requiring heavy equipment (cranes, excavators) has been done at the Hallmark Shipping/Receiving Dock, in order to prevent damage to new (asphalt) surfaces.