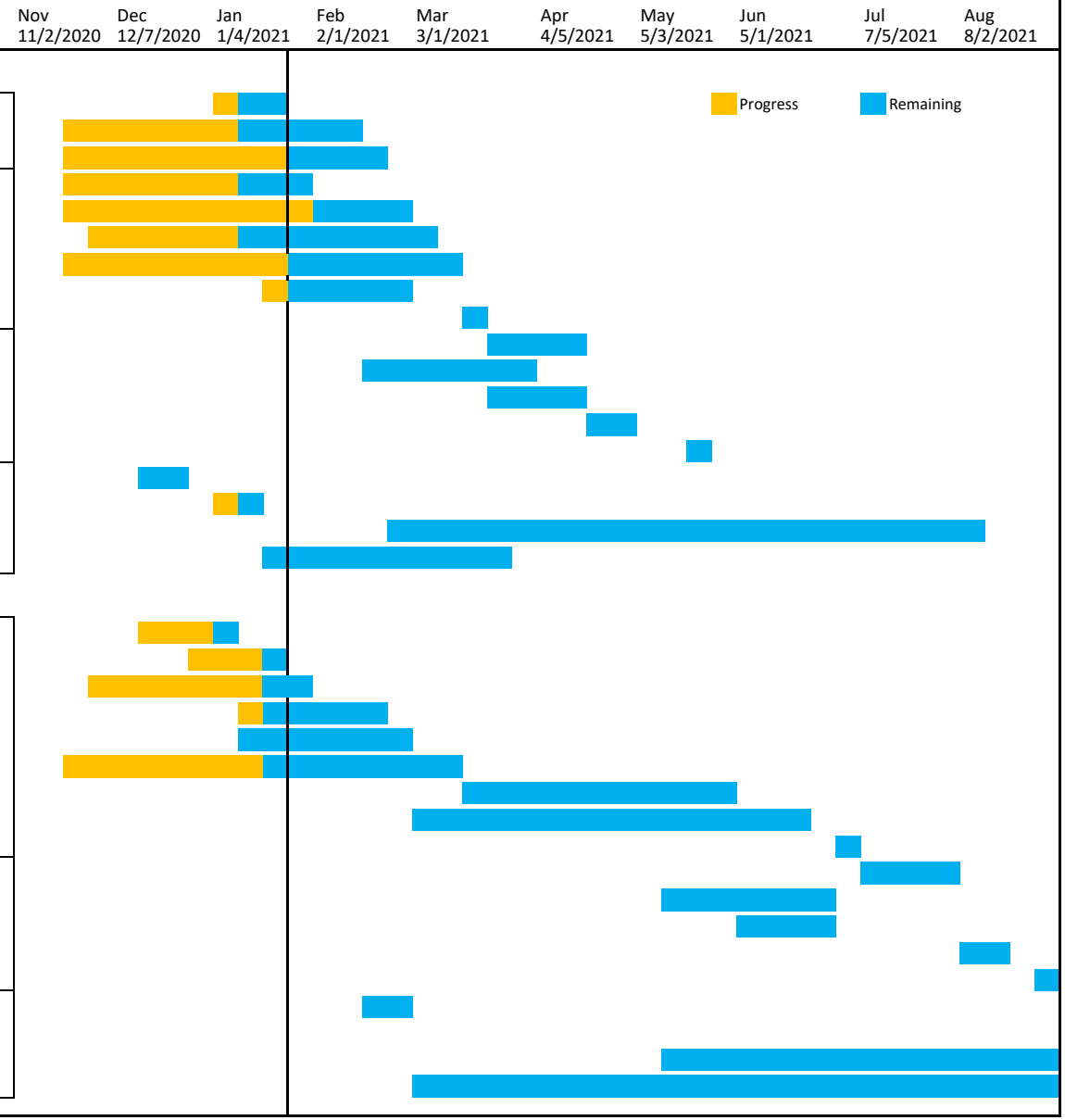
Erickson Consulting Engineers, Inc.

SCHEDULE - ENGINEERING / PERMITTING

NAPLES BEACH RESTORATION AND WQ IMPROVEMENT PROJECT

Prepared January 22, 2020



Phase 1	
Collection and Mapping	Site Reconnaissance / Design Charrette
	Survey - 3rd Street
	Basemaps - 3rd Street
75% Design Development (GSB and 3rd Street)	Hydraulic Model Simulations
	GSB Key Components (2nd Ave. S to SGD)
	SPS Redesign
	3rd St Design Development
	Alligator Lake Park Grading/Landscape, GSB Tree Replacement
	Deliver 75% Drawings/Plans to City Staff
Staff Review, Water Quality, Unit Costs, City Council Workshop	Staff Review
	Water Quality Components (3rd St. and GSB)
	Schedule of Quantities and Unit Prices
	Deliver Final 75% Design Plans & Costs
	City Council Workshop - Phase 1
Regulatory Permitting	Pre-application Meeting(s)
	State WUP (Dewatering) Extension
	State ERP Modification
	USACE Coordination (Wet Detention/Lakes)
Phase 2	
Collection and Mapping	Hardbottom Mapping & HDD Evaluation
	Survey - GSB / Oleander
	NPS, Generator, and HDD Alignment / Layout
60% Design Development	Hydraulic Model Simulations
	Landscape Buffer at NPS
	Pipeline Consolidation & NPS Off-Shore Diffuser (HDD)
	Design Development
	NPS Design
	Deliver 60% Plans to City Staff for Review
Staff Review, Water Quality, Unit Costs, City Council Workshop	Staff Review
	Water Quality Components
	Schedule of Quantities and Unit Prices
	Deliver Final 60% Design Package
	City Council Workshop
Regulatory Permitting	Pre-application Meeting(s)
	State WUP (Dewatering)
	State ERP & State Lands Processing
	USACE Processing