

NAPLES BEACH RESTORATION AND WQ IMPROVEMENT PROJECT

Progress Report #5

April 30, 2021

Update: Mar 27, 2021 through Apr 30, 2021

CITY OF NAPLES: Andy Holland, Engineering Manager, Streets and Stormwater
Gregg Stakaluse, Director, Streets and Stormwater

ERICKSON CONSULTING ENGINEERS: Karyn Erickson, Project Director/Principal Engineer
Jeremy Fireline, Project Manager/Sr Civil Engineer

Summary of Progress (In Progress and Future)

1. Schedule Overview (Attachment 1)

A. Supplemental Data Collection & Mapping

- Boundary and topographic surveys (3rd Street & N GSB to Oleander): Dec 15 to Jan 21, 2021 – Signed and Sealed final surveys: May 2021.
- Stormwater infrastructure survey, visible utilities N GSB: Signed and Sealed final surveys: May 2021.
- Detailed mapping of hardbottom – **Complete.**
- Geotechnical Core Borings: NPS – Field Work – **Complete.**
- Beach Deep Boring - July 2021.

B. Naples Beach Club - North Pump Station, HDD & Generator Site Layout

- Trunkline and Vaults (Existing & Proposed) with Schedule.
- Pump Station Site Layout & Generator (control/electrical).
- Drainage Easement and HDD Plan & Sections (Beach to NPS).
- Offshore HDD alignment(s).
- Siting Stormwater Trunk line(s) to NPS.

C. Community Outreach

- 1st meeting with Environmental Advisory Group held March 3, 2021.
- Notifications mailed to 3rd Street residents (by City Staff): March 2021.
- 2nd meeting with Environmental Advisory Group to review Draft Final Report to City: April 8, 2021.
- Final Water Quality Report to City: May 2021.

D. Stormwater Modeling (PH 1 AND 2): Nov – May 2021.

- South Pump Station, Hydrodynamic & Hydraulic Model – **Complete.**
- **North Pump Station, Hydrodynamic & Hydraulic Model – May 2021.**

E. HDD Lines - Bidding and Contract Award.

- **Draft Bid Package (Phase I): May 2021.**
- **Award Phase I HDD Contract: August 2021.**

F. 75% Design Phase 1 and 3rd Street: Dec 2020 - April 2021.

- 3rd Street Drainage & Stormwater Consolidation to Alligator Lake/So Lake - Design Charette (30%) Design Development Mtg #3. **Complete.**
- **Hydraulic Modeling Phase 1 to refine pipe sizing and South Pump Station (SPS) - 5Yr & 25 Yr Storm Events Mtg #4: May 2021.**
- Key Components (Roadway, Drainage, WQ) – Design Mtg #5: **Complete.**
- Initial submittal - 75% Design Plans GSB Roadway, SPS Redesign, AL Park Landscape Plans (staff review) – **Complete.**
- **Final submittal – 75% Design Plans GSB Roadway, SPS Redesign, AL Park Landscape Plans: May 2021.**

G. Regulatory Permit Applications:

- NPS HDD USACE Program Review / FDEP-CCCL application – June 2021.
- FDEP-CCCL application – June 2021.
- Phase 1 (Modification) June 2021.
- Phase 2 June - Dec 2021.
- SFWMD Application and process RAI's (PH 2) – June - Dec 2021.

H. Construction Plans and Specifications – Phase 1 (SPS)

- 90% Plans, Specifications, Schedule of Quantities and Unit Costs & Water Quality Components: August 2021.

I. Roadway, SPS, Drainage System and Phase I WQ – Bidding & Contract Award

- Phase I – September 2021 – November 2021.
- Award Contract – December 2021.

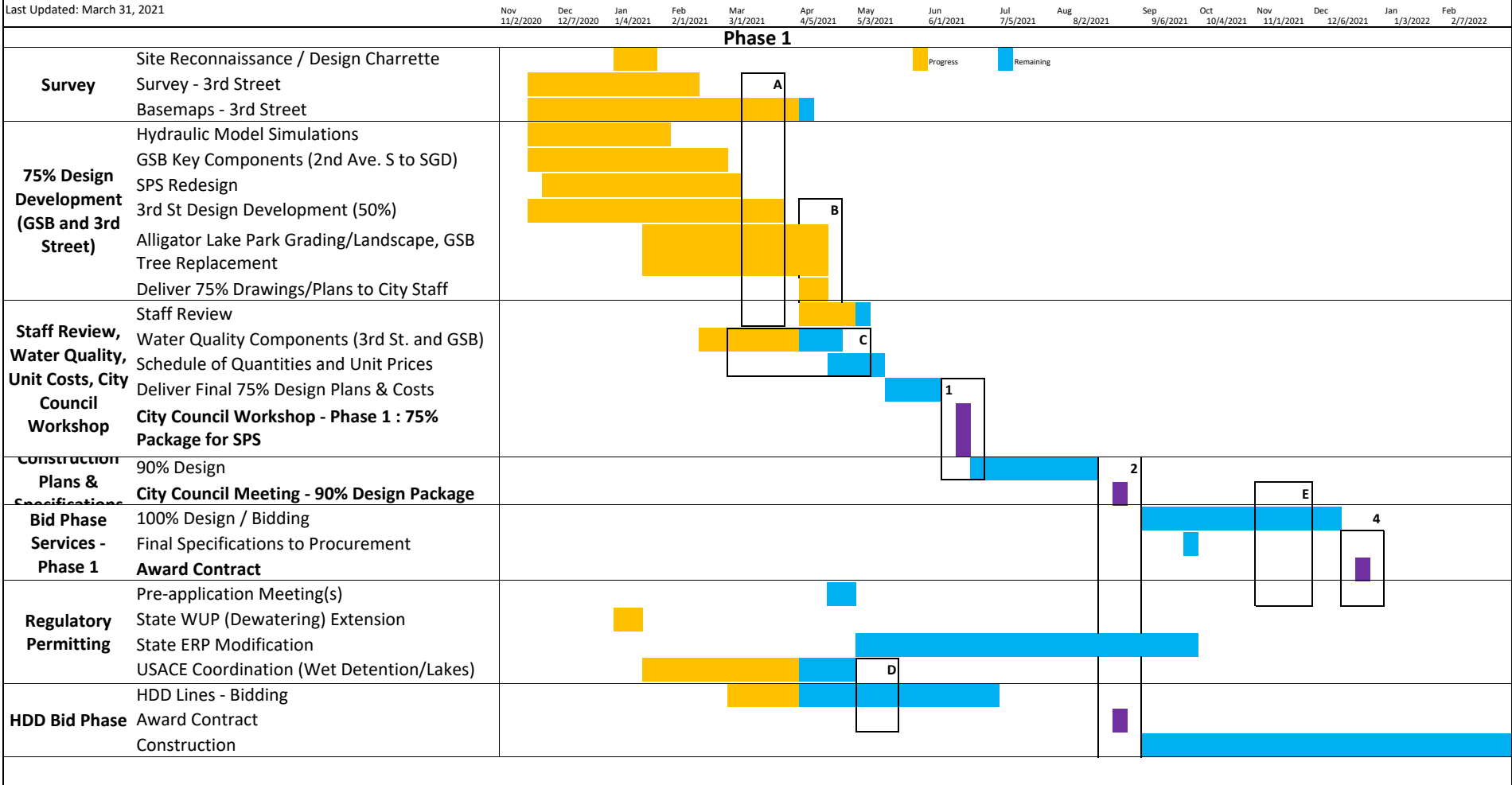
J. Meetings

Date/Location: 10AM-Noon & 1-3 PM, Streets & Stormwater Conference Room

Agenda, Findings and Design Development: Provided Monday prior to Meeting

NAPLES BEACH RESTORATION AND WQ IMPROVEMENT PROJECT - MILESTONES AND DELIVERABLES SCHEDULE

Last Updated: March 31, 2021

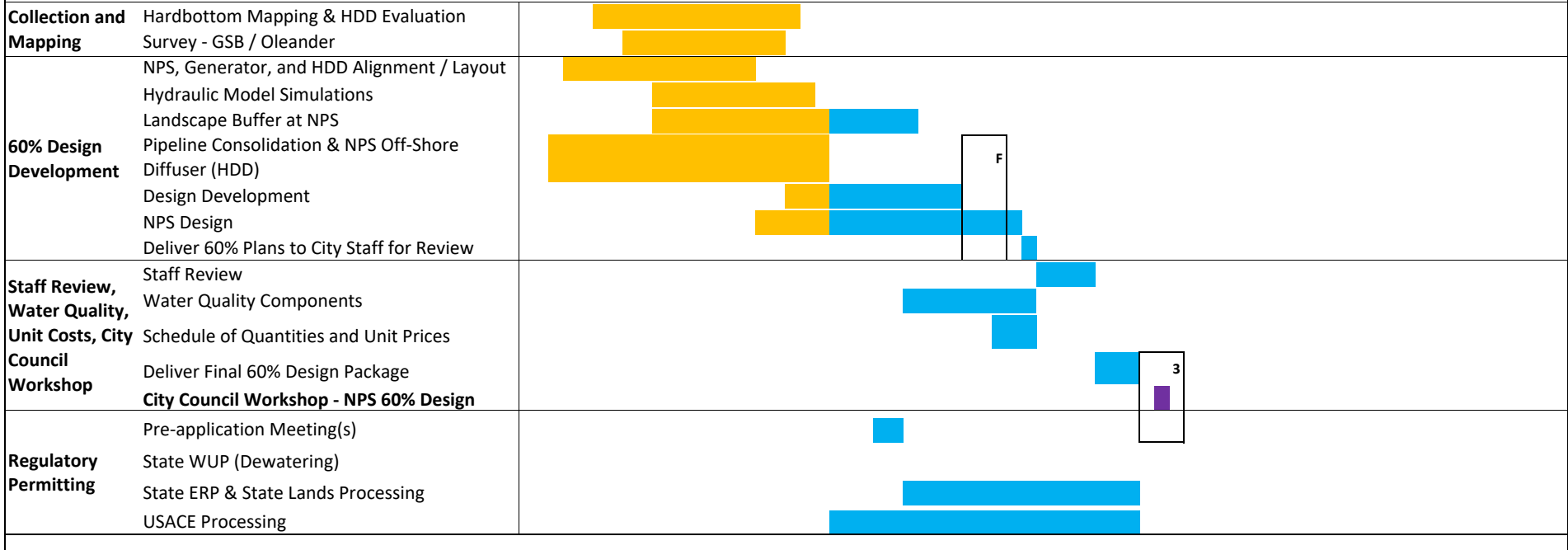


NAPLES BEACH RESTORATION AND WQ IMPROVEMENT PROJECT - MILESTONES AND DELIVERABLES SCHEDULE

Last Updated: March 31, 2021

Nov 11/2/2020 Dec 12/7/2020 Jan 1/4/2021 Feb 2/1/2021 Mar 3/1/2021 Apr 4/5/2021 May 5/3/2021 Jun 6/1/2021 Jul 7/5/2021 Aug 8/2/2021 Sep 9/6/2021 Oct 10/4/2021 Nov 11/1/2021 Dec 12/6/2021 Jan 1/3/2022 Feb 2/7/2022

Phase 2



F

3

City Council Review & Direction / Decision(s) Meeting

1

CITY COUNCIL WORKSHOP: June 1, 2021 - 75% Design Review/Direction for GSB & South Pump Station, Phase 1 WQ Components, AL Lake Park Landscape, 3rd Street Storm Water Improvements (60%)

- A City with ECE Support - Engage 3rd Street Community - Trunkline Design - Ongoing
- B City with ECE Support - Engage SGD Community - AL Park Landscaping, GSB Street Trees - Ongoing
- C City with ECE Support - Engage Environmental Advisory Group - Phase 1 (SPS) WQ Components - Ongoing
- D City with ECE Support - Engage Homeowners adjacent to HDD Lines
- E City with ECE Support - Engage GSB Community / Residents of Surfside Club

2

CITY COUNCIL MEETING: August 2021 - 90% Design Review/Direction - GSB and South Pump Station, Phase 1 WQ Components, AL Lake Park Landscape, 3rd Street Trunkline Design

CITY COUNCIL MEETING: August 2021 - Award HDD Construction Contract

- F City with ECE Support - Engage SGD and 3rd Street Community RE: Phase 1 Construction

3

September 2021 - 60% Design Review/Direction - NPS, Trunkline, WQ Components, Lowdermilk Park Bio-reactor 15% feasibility study

- G City with ECE Support - Engage SGD & Oleander Community - NPS and trunkline design

4

December 2021 - Award Phase 1 Construction Contract - SPS, GSB roadway, 3rd Street trunkline, Phase 1 WQ Components

