



TOWN OF FORT MYERS BEACH, FLORIDA UTILITY DEPARTMENT

2525 ESTERO BOULEVARD, FORT MYERS BEACH, FLORIDA 33931
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MEMORANDUM

Date: March 15, 2021
To: Town Council
Through: Roger T. Hernstadt, Town Manager
From: Christy Cory, Utilities Director
Re: Utilities Department Monthly Report

ITEMS SEEKING COUNCIL DIRECTION

- NONE

ITEMS OF NOTE

- RECEIVED APPROVAL TO ADD NORTH ESTERO PHASE 2 PART 1 BY CHANGE ORDER TO THE PHASE 2 PART 2 CONTRACT FROM THE FDEP.
- THE CHANGE ORDER WILL BE SUBMITTED TO COUNCIL AT THE APRIL 19TH MEETING.

TETRA-TECH REPORT

Project Progress update

"reFRESH Estero Blvd Phase II, Phase 3A, Phase 3B, and Phase 4 Waterlines"

The replacement of existing water mains with a new, more efficient water main system and the storm water system program "*reFRESH Estero Blvd waterlines*" is in its final Phase IV. Phase IV of the program includes section from Albatross St to end of the bridge.

The Estero Blvd Phase I water main installation is completed from Times Square to Lovers Lane. The new water main is in service and fully functioning. Project has been officially closed.

The Estero Blvd Phase II water main installation is completed from Lovers Lane to Madera Rd. The new water main is in service and fully functioning. Phase II remaining work has been completed and final punch list is completed as well. Project has been officially closed.

Phase 3A of the program includes section of Estero Blvd from Madera Rd to Lanark Ave. The Estero Blvd Phase 3A water main project from Madera Rd to Lanark Ave is placed in service and fully functioning. Punch List - deficiency list – items are being addressed is being coordinated with Lee County project.

Phase 3B of the program includes section of Estero Blvd from Lanark Ave to Albatross St. The Estero Blvd Phase 3B water main project has been completed as well. Entire Phase 3B from Lanark Ave to Albatross St water mains are placed in service. Waiting for Lee County project to move forward in this area to establish final Punch List - deficiency list – items.

Phase IV of the program includes section from Albatross St to end of the bridge. Phase IV of the project has been substantially complete and placed in service. Remaining miscellaneous work is being coordinated with Lee County project.

Following miscellaneous tasks were performed this month for phase IV Water Main Project:

- Coordinated with Lee County Estero Blvd roadway project for remaining tasks on Phase 4 water main project.

- Performed grouting and abandon old water main. Also performed cutouts of old abandoned asbestos cement (AC) pipe in conflict with Lee County improvements.

Following tasks were performed this month for phase 3B Water Main Project:

- Coordinated with Lee County Estero Blvd roadway project for remaining tasks on Phase 3B water main project.

Following tasks were performed this month for phase 3A Water Main Project:

- Coordinated with Lee County Estero Blvd roadway project for remaining tasks on Phase 3A water main project.
- Deficiency list item field verification was performed for the part of Phase 3A from Madera Rd to north of Lazy Way. Preliminary deficiency list from north of Lazy Way to Lanark Ave is under preparation.

**reFRESH Waterlines Public Information Office Report
February 2021
Submitted by: Cella Molnar & Associates, Inc.**

reFRESH Waterlines Active Projects:

- **Phase 4 Outfalls**
- **Phase 4 Waterlines – Albatross to the end of the island**
- **Phase 2, Part 2**

The Public Information Office handled approximately 73 inquiries about the above Waterlines Projects. Inquiries are coordinated and handled via telephone, email and/site visits with property owners, residents and project team members. Follow-up calls and emails to team members and residents. Weekly construction look ahead reports are posted to the project website and emailed to the interested parties.

PHASE 2 SIDE STREET JOINT OUTFALL IMPROVEMENTS - COMPLETED

Town of Fort Myers Beach; Phase 2 Estero Blvd. Side Streets Joint Outfall Water Main and Storm Improvements

Contracted Duration (1st Four Streets) ----- 244 Consecutive Calendar Days

Change Order No. 1 ----- 121 Consecutive Calendar days

Change Order No. 2 -----38 Consecutive Calendar days

Change Order No. 3 ----- 30 Consecutive Calendar Days

Notice To Proceed August 14, 2017 + 433 Days = Scheduled Completion Date of October 21, 2018

Original Contract	Change Order #1	Street	Percent Complete	Construction Start Date	Construction Finish Date	Water %	Storm %	Restore %
yes		Eucalyptus	100.00%	09/18/17	02/28/18	100.00%	100.00%	100.00%
yes		Jefferson	100.00%	10/11/17	03/28/18	100.00%	100.00%	100.00%
yes		Hercules	100.00%	01/17/18	05/23/18	100.00%	100.00%	100.00%
yes		Bayview	100.00%	05/23/18	09/21/18	100.00%	100.00%	100.00%
	yes	Bay	100.00%	04/30/18	08/10/18	100.00%	100.00%	100.00%
	yes	Donora	100.00%	11/08/17	07/10/18	100.00%	100.00%	100.00%
	yes	Connecticut	100.00%	01/04/18	04/25/18	100.00%	100.00%	100.00%
	yes	Bay Mar	100.00%	06/11/18	09/21/18	100.00%	100.00%	100.00%

PHASE 3 SIDE STREET JOINT OUTFALL IMPROVEMENTS - **COMPLETED**

CONTRACT NO. ITB-17-24-PW Change Order No. 4; Phase 3 side streets

Town of Fort Myers Beach; Phase 3; Estero Blvd. Side Streets Joint Outfall Water Main and Storm Improvements

Change Order No. 4 Duration----- 495 Consecutive Calendar Days

Notice To Proceed October 1, 2018 + 495 days = Scheduled Completion Date of February 28, 2020

NOTE: THE STORM WATER COMPLETION BELOW DOES NOT REPRESENT THE COUNTY'S STORM WATER ON MADERA AND DRIFTWOOD

Change Order No. 4	Street	Asphaltic Overlay Commence	Percent Complete	Construction Start Date	Construction Finish Date	Water %	Storm %	Restore %
yes	Madera Road	7/22/2019	100.00%	10/15/18	9/15/19	100.00%	100%	100%
yes	Driftwood Lane	8/5/2019 (Partial full depth)	100.00%	11/05/18	10/12/19	100%	100%	100%
yes	Williams Drive	7/25/2019	100.00%	11/26/18	9/12/19	100%	100%	100%
yes	Glenview Manor Drive	Private Road	0.00%	Private Road	N/A	N/A	N/A	N/A
yes	Dakota Ave	8/15/2019	100.00%	1/14/19	11/2019	100%	100%	100%
yes	Palmetto Street	8/25/2019	100.00%	1/21/19	11/2019	100%	100%	100%
yes	Lazy Way	9/10/2019	100.00%	2/4/19	11/2019	100%	100%	100%
yes	Aberdeen Ave	9/20/2019	100.00%	1/07/19	10/14/19	100%	100%	100%
yes	Lauder Street	9/1/2019	100.00%	1/17/19	10/14/19	100%	100%	100%
yes	Dundee Road	9/6/2019	100.00%	2/01/19	10/14/19	100%	100%	100%
yes	Mound Road	8/5/2019	100.00%	3/11/19	11/29/19	100%	100%	100%

PHASE 4 SIDE STREET JOINT OUTFALL IMPROVEMENTS - COMPLETED

CONTRACT NO. ITB-17-24-PW Change Order No. 7; Phase 4 side streets

Town of Fort Myers Beach; Phase 4; Estero Blvd. Side Streets Joint Outfall Water Main and Storm Improvements

Change Order No. 7 Duration----- 210 Consecutive Calendar Days

Notice To Proceed October 1, 2019 + 210 days = Scheduled Completion Date of September 25, 2020

NOTE: Work on Lenell Road has been rescheduled for AFTER season. This may require a time extension. – THIS WORK HAS BEGUN

****We will be extending the contingency line item due to an increase in pipe size and directional bores to avoid driveway conflicts on Lenell.**

****The amount is approximately \$200,000 over the original contingency however we will be well below the contract amount.**

Received DOH approval: RE-START Sept 1, 2020. Laguna Shores work complete Jan. 31 2020. Time Ext. due from 1/31/20 to 4/11/20 plus 30 days DOH. (71 days + 30 Days)

Change Order No. 7	Street	Asphaltic Overlay Commence	Percent Complete	Construction Start Date	Construction Finish Date	Water %	Storm %	Restore %
yes	Redfish	3/23/20	100%	10/14/19	1/29/20	Conflict Deflections Only	100%	100%
yes	Tarpon Rd	3/25/20	100%	10/22/19	1/20/20	Conflict Deflections Only	100%	100%
yes	Lagoon Rd (south)	4/6/20	100%	12/4/19	3/19/20	Conflict Deflections Only	100%	100%
yes	Lagoon Rd (middle)	4/2/20	100%	10/21/19	4/30/20	Conflict Deflections Only	100%	100%
yes	Lagoon Rd (north)	3/30/20	100%	12/12/19	5/11/20	Conflict Deflections Only	100%	100%
yes	Buccaneer Dr		100%	6/1/20	6/15/20	2 cross drains	100%	100%
yes	Lenell Rd	Sept 2020 WM Full depth trench restore complete	100%	4/11/20	11/15/20	100%	100%	100%

NORTH ESTERO PHASE 2 PART 2 SIDE STREETS IMPROVEMENTS

CONTRACT NO. ITB-20-08-UT

Town of Fort Myers Beach; North Estero Phase 2 Part 2 Side Streets Water Main and Storm Water Improvements

Duration-235 Consecutive Calendar Days

Notice To Proceed August 24, 2020 + 235 days = Scheduled Completion Date of April 16, 2021

NOTES: Work was started on September 28, 2020.

Street Name	Overall Percent Complete	Construction Start Date	Construction Finish Date	Water %	Storm %	Restore %	Asphaltic Overlay Commence Date
Palermo Cir	67%	9/28/2020	On Going	100%	100%	0%	2/22/21
Primo Dr	99%	10/13/2020	On Going	100%	100%	98%	1/19/21
Lagoon St	67%	10/13/2020	On Going	100%	100%	0%	
Santos Rd	67%	10/29/2020	On Going	100%	100%	0%	2/10/21
Carlos Cir	70%	10/21/2020	On Going	100%	100%	10%	2/22/21
Matanzas St/Ct	65%	10/14/2020	On Going	100%	95%	0%	

PROJECT STATUS/DESIGN AND PERMITTING – TETRA TECH

Project	Streets	Current Ongoing Tasks	Percent Complete Design	Percent Complete Permitting	Anticipated Construction Start Date	Anticipated Construction Completion Date
Phase 2 North Estero Side Streets Part 1	Third St, Harbor Ct, Bonita St, First St, Second St, Fifth St, Crescent St	Preparing Drawings for bidding. Finalizing permitting. Coordination with FDOT has begun regarding work under the bridge.	100.00%	95.00%	April 2021	November 2021
Phase 2 North Estero Side Streets Part 2	Carlos Cir, Matanzas St, Matanzas Ct, Lagoon St, Primo Dr, Palermo Cir, Santos Rd	Construction 75% complete	100.00%	100.00%	August 24, 2020	April 16, 2021
<i>Estero Blvd Phase 3A Water Main</i>	<i>Estero Blvd</i>	<i>Complete</i>	<i>100.00%</i>	<i>100.00%</i>	<i>08/27/18</i>	<i>Complete</i>
<i>Phase 3 Joint Outfalls</i>	<i>Glenview Manor Dr, Williams Dr, Easy St/Lazy Way, Dundee Rd, Mound Rd</i>	<i>Complete</i>	<i>100.00%</i>	<i>100.00%</i>	<i>10/01/18</i>	<i>Complete</i>
<i>Estero Blvd Phase 3B Water Main</i>	<i>Estero Blvd</i>	<i>Complete</i>	<i>100.00%</i>	<i>100.00%</i>	<i>06/03/19</i>	<i>Complete</i>
Tier 1 Side Street Improvements	Williams Dr, Lauder St, Estrellita Dr, Gulfview Ave (Bay), Mandalay Rd, Portions of Shell Mound Blvd, Fairview Blvd, Mid-Island Dr, Bayland Rd, Crescent St*, Madison Ct, Andre Mar, First St*	SFWMD and ACOE permit has been issued. Preparing DOH permit. Finalizing HMGP funding.	95.00%	95.00%	Mid to late 2021	Late 2022
Estero Blvd Phase 4 Water Main	Estero Blvd	Construction 95% complete *A/C Removal per Lee County Request	100.00%	100.00%	11/15/19	Late 2020
Phase 4 Joint Outfalls	Lenell Rd, Redfish Rd, Lagoon Rd, Tarpon Rd, Buccaneer Dr	Construction 100% complete	100.00%	100.00%	09/23/19	09/23/2020

WATER SUMMARY

The following highlights the important issues addressed during the recent months.

Month	Water Flow, MGD			
	Total	Min	Max	Avg
February	62,185	1,678	3,092	2,221
January	50,496	1,402	2,070	1,629
December	43,532	1,151	2,070	1,497
November	37,209	924	1,643	1,240

***Suppliers of water shall maintain a free chlorine residual between 0.2 milligram per liter (mg/L) and 4.0 mg/L, or a combined chlorine residual between 0.6 mg/L and 4.0 mg/L, throughout their drinking water distribution system at all times.**

- The average system chlorine residual recorded through February, was 3.0 mg/L.
- No precautionary boil water notices were issued for the month of February.

PERMIT COMPLIANCE

TOWN OF FORT MYERS BEACH WATER UTILITY

- The system reported all county, state, and federal drinking water monitoring standards to be in compliance for the month of February.
- The minimum, maximum, and average chlorine residuals for the month of February were recorded as 2.5, 3.5, and averaged 3.0 respectively

ALARMS AND CALL-OUTS

- Misc leaks
- Construction activities
- Reconnects after disconnects

STORMWATER SUMMARY

ERU CHANGES/PETITIONS

- Petitions received
 - None
- Petitions reviewed – no changes to ERU
 - None
- Petitions reviewed – changes to ERU
 - None
- Certificate of Occupancy – assess for ERU
 - None
- Demoad Homes – assess for ERU change
 - None

ERU BILLING

4755.62 ERU actual

4700.00 ERU goal

STORMWATER MAINTENANCE

- Complete quarterly inspection of outfalls.
- Employee training on GIS system for outfall inspection.
- Completion of North Estero Project.
- Completion of Water Distribution Certificate.
- Research for Stormwater replacement vehicle.
- Routine outfall property maintenance.
- Communication with TetraTech about Moss Marina and Third St Water/Stormwater Projects.
- Inspection of North and South Station.