



# TOWN OF FORT MYERS BEACH, FLORIDA UTILITY DEPARTMENT

2525 ESTERO BOULEVARD, FORT MYERS BEACH, FLORIDA 33931  
PHONE: (239) 463-9914 FAX: (239) 765-0909

## MEMORANDUM

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

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### ITEMS SEEKING COUNCIL DIRECTION

- NONE

### ITEMS OF NOTE

- NONE

### ADVISORY COMMITTEE – CRAB

- Meeting – None

## 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.

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.

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 cutouts of old abandoned asbestos cement (AC) pipe in conflict with Lee County improvements.
- Performed water main deflection on Bay Side which was in conflict with Lee County improvement project.

**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.
- Started addressing preliminary punch list items identified during walk through.

**Following tasks were performed this month for phase II Water Main Project:**

Coordinated with Lee County Estero Blvd roadway project for Lee County roadway related final deficiency list items

**reFRESH Waterlines Public Information Office Report  
December 2020  
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 84 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 4 Waterlines – Albatross to the end of the island**

- Hand-delivered 30 Boil Water Notices
- Hand-delivered 30 Boil Water Rescission notices

**Phase 2, Part 2 Waterlines**

**Carlos Circle, Mantanzas Court, Lagoon Street**

- Mailed 66 Private Property Plumbing letter to property owners and tenants (domestic)
- Mailed 1 Private Property Plumbing letters to property owners and tenants (international)

**Lagoon Street, Palermo Circle, Santos Road**

- Hand-delivered 120 water connection notices to residents

## 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	31.6%	9/28/2020	On Going	95%	0%	0%	
Primo Dr	48.3%	10/13/2020	On Going	100%	45%	0%	
Lagoon St	31.6%	10/13/2020	On Going	95%	0%	0%	
Santos Rd	31.6%	10/29/2020	On Going	95%	0%	0%	
Carlos Cir	30%	10/21/2020	On Going	90%	0%	0%	
Matanzas St/Ct	30%	10/14/2020	On Going	90%	0%	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, Fourth St, Crescent St	Water and Storm design is at 90%. Sidewalks and Lighting are progressing to 90%. Permitting is ongoing. Coordination with FDOT has begun regarding work under the bridge. Corps permit submitted.	95.00%	85.00%	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 50% 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. Updating final H&H study for 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
December	43,532	1,151	2,070	1,497
November	37,209	924	1,643	1,240
October	36,887	912	1,329	1,190
September	30,552	553	1,186	1,018

**\*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 December, was 3.2 mg/L.
- No Precautionary Boil Water notice(s) were issued

## 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 December.
- The minimum, maximum, and average chlorine residuals for the month of December were recorded as 2.4, 3.5, and averaged 3.2 respectively

## ALARMS AND CALL-OUTS

- 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

4751.01 ERU actual

4700.00 ERU goal

## STORMWATER MAINTENANCE

- Clean and inspect pipes on OSC.
- Clean and TV on North Estero Blvd.
- Swale reclamation Dundee Rd and Shell Mound Blvd.
- Clean and TV outfall 3041 Shell Mound Blvd.
  - Damage in the pipe at the end of the outfall 3 ft. from exit point into the canal. – Fixed by Earthview
- Remove 57 stones and install sod on Bayview Rd.
- Stormwater complaints on Bahia Via – ongoing.
- Replace damaged pipe on Anchorage St. outfall.
- Curlew – Remove and replace damaged pipe, remove the old flapper system and tie in pipe and install a new check valve system.
- Fix drainage inlets at the Big Moss Marina and at the end of Tropical Shores Way.
- Swale maintenance
- Meet with residents on Pepita St. about drainage issues at the end of the road.