



# 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: September 14, 2020  
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

- Final public hearing for rates on September 21, 2020
- Pat Harper retired on August 31, 2020, her shining personality will be missed by all. She truly made a lasting impact on many of us.
- Wayne Flickinger is retiring on September 24, 2020. Wayne has completed all side street projects under budget and months ahead of construction completion dates. We hope he enjoys his retirement. His hard work and dedication will be missed.

### ADVISORY COMMITTEE – CRAB

- Meeting – September 15, 2020

## 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.

Phase 3A of the program includes section of Estero Blvd from Madera Rd to Lanark Ave. Phase 3B of the program includes section of Estero Blvd from Lanark Ave to Albatross St.

The Estero Blvd Phase 3A water main project has been substantially complete. Phase 3A from Madera Rd to Lanark Ave water main is placed in service. Remaining miscellaneous work is being coordinated with Lee County project.

The Estero Blvd Phase 3B water main project has been substantially complete as well. Entire Phase 3B from Lanark Ave to Albatross St water mains are placed in service. Remaining miscellaneous work is being coordinated with Lee County project.

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 IV of the project has been in active construction.

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

- Continued installations of water service connection and switch over to new water main after DEP approval between Albatross St to Bay Beach Ln.
- Also started installations of water service connection and switch over to new water main after DEP approval between Bay Beach Ln to end of bridge.
- Performed street connections to new line at Estrellita Dr, Redfish Rd, Tarpon ST, and Buccaneer Dr.
- Density tests were performed for quality control and verification process.
- Performed survey for stationing and proposed water main lines and also for as build survey.
- Installed dewatering system for water main installations as needed.
- Performed maintenance of traffic.

**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.
- Performed asbestos cement (AC) pipe cut out and removal where there was conflict for the Lee County Roadway improvement project.

**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

reFRESH Waterlines Public Information Office Report August 2020

Submitted by: Cella Molnar & Associates, Inc.

reFRESH Waterlines Active Projects:

- Phase 4 Side Streets Waterlines - Albatross Street to the end of the island
- Phase 4 Waterlines - Albatross Street to the end of the island
- Phase 2, Part 2 Waterlines - Palermo Circle, Santos Road and Primo Street

The Public Information Office handled approximately 394 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. Weekly road watch reports are submitted to Lee County for work within the Estero Boulevard ROW. This month, several calls were made to businesses and condos to coordinate and schedule connections to the new Estero Boulevard water main. Many inquiries are made as to when the resident will be connected to the new water main and what they should expect regarding the connection process.

Construction Starts letters were mailed to the North Estero Neighborhoods in Part 2, Phase 2. Streets included in the mailing were Palermo Circle, Santos Road and Primo Drive. A walkthrough of Palermo Circle and Santos Road was conducted by the town staff and the project team to finalize the location of the utilities and to identify possible landscaped that may need to be relocated or removed.

Notices distributed are as follows: BWN=Boil Water Notice  
Phase 4 Side Streets

8/13/2020 Ostego Bay II addresses, pool, Ostego Bay Village connection notices distributed	55
8/13/2020 200 Lenell Rd. Estero Island Yacht and Racquet BWN distributed	50
8/13/2020 150 & 170 Lenell Rd. Palm Harbor Club BWN Distributed	60
8/13/2020 400 Lenell Rd Windward Point BWN distributed	95
8/13/2020 191, 201, 291, 301 Lenell Rd. Ostego Bay II BWN distributed	20
8/19/2020 121 Lenell Road - Fire Station 33 BWN distributed	5

8/19/2020	191, 201 Lennell Road - Ostego Bay II Condominium Reschedule and Cancel BWN distributed	15
8/20/2021	150 & 170 Lenell Rd. Palm Harbor Club BWN rescissions Distributed	60
8/20/2020	200 Lenell Rd. Estero Island Yacht and Racquet BWN rescissions distributed	50
8/21/2020	400 Lenell Rd. Windward Point rescissions Distributed	95
8/21/2020	290, 301 Lenell Rd. Ostego Bay II BWN rescissions Distributed	12
8/26/2020	121 Lenell Road - Fire Station 33 Rescissions Distributed	5
8/26/2020	191, 201 Lennell Road - Ostego Bay II Condominium Rescissions Distributed	15
8/26/2020	150 & 170 Lenell Road - Palm Harbor Club at Bay Beach Condominium Distributed Meter Repair	60
	Total August Phase 4 Side Street Notices Distributed	597

Phase 4 Estero Boulevard

8/3/2020	Leonardo Arms Rescission Notices 8/3/20 distributed	198
8/3/2020	Bermuda Dunes Rescission Notices 8/3/20 distributed	60
8/3/2020	Bac Bay Health and Raquet Conco BWN 8/6/20 distributed	20
8/3/2020	Terra Mar Condo BWN 8/6/20 distributed	80
8/3/2020	R L Ambassador Suites BWN 8/6/20 distributed	15
8/3/2020	Island Pines Way side street connection BWN 8/5/20 distributed	230
8/6/2020	Estero Beach and Tennis Club rescissions distributed	300
8/6/2020	Creciente Condo BWN rescissions distributed	180
8/6/2020	6875 vacant bldg BWN rescissions distributed	4
8/6/2020	Fish Tale Marina and Restaurant BWN rescissions distributed	25
8/7/2020	Estero Cove Condo BWN Rescissions distributed	200
8/7/2020	Sand Caper Condo BWN rescissions distributed	65
8/7/2020	Sandarac Condo BWN rescission distributed	215
8/7/2020	Island Pines Way side street connection BWN rescission distributed	230
8/7/2020	Island Reef Condo BWN rescission distributed	47
8/13/2020	Terra Mar Condo rescissions distributed	80
8/14/2020	7205 Estero Boulevard Santini Plaza and John R Wood Office	6
8/14/2020	Bac Bay Health and Raquet Condo Rescission distributed	20
8/14/2020	R L Ambassador Suites rescission BWN distributed	15
8/19/2020	Individual Connections 7811-8339 Estero and 170 Redfish, 100 Tarpon distributed	40
8/19/2020	7630 Estero Boulevard - Mariners Boat House BWN distributed	20
8/19/2020	7600 Estero Boulevard - Carribean Beach Club BWN distributed	20
8/19/2020	7500 Estero Boulevard - Riviera Club BWN distributed	83
8/19/2020	7930 Estero Boulevard - Sun Caper Condominium BWN distributed	90
8/19/2020	7700 Estero Boulevard - Eden House BWN distributed	38
8/19/2020	7650 Estero Boulevard - Shamron Beach Condominium BWN distributed	60
8/20/2020	8400, 8402, 8403 Estero Boulevard - Islands End BWN distributed	130
8/20/2020	8300 Estero Boulevard - Castle Beach Condominium BWN distributed	30
8/20/2020	8350 Estero Boulevard - Carlos Pointe Condominium BWN distributed	120
8/21/2020	Tarpon, Redfish and Estero Blvd BWN distributed	40
8/21/2020	Estrellita Side St. BWN distributed	95
8/21/2020	7785 Estero Boulevard - Tropical Sands Resort BWN distributed	50
8/21/2020	Redfish and Tarpon Rds side st. BWN distributed	40
8/26/2020	7630 Estero Boulevard - Mariners Boat House rescissions distributed	20
8/26/2020	7500 Estero Boulevard - Riviera Club rescissions distributed	83
8/26/2020	7820 Buccaneer Drive and 7805 Estero Blvd BWN distributed	5
8/27/2020	7600 Estero Boulevard - Carribean Beach Club rescissions distributed	20
8/28/2020	7700 Estero Boulevard - Eden House rescissions distributed	38
8/28/2020	7650 Estero Boulevard - Shamron Beach Condominium rescissions distributed	60
8/31/2020	7930 Estero Boulevard - Sun Caper Condominium rescission distributed	90
8/31/2020	8350 Estero Boulevard - Carlos Pointe Condominium rescission distributed	120
8/31/2020	Estrellita Side St. rescissions distributed	95
8/31/2020	Partial Redfish and Estero Blvd rescission distributed	40
8/31/2020	Island Sands Condominium and Buccaneer Lagoon Lane EBWN distributed	0
8/31/2020	7307, 7317, 7327 Estero Blvd - Santa Maria Condominiums BWN distributed	100
	Total August Phase 4 Estero Boulevard Notices Distributed	1,392

North Estero Neighborhoods - Phase 2, Part 2

Palermo Circle, Santo Road, Primo Street

8/14/2020 Construction Starts Letters mailed to property owners and tenants - domestic 225

Construction Starts Letters mailed to property owners and tenants - foreign 7

Total August Part 2, Phase 2 mailings 232

Total August Waterlines Notices Distributed 2,221

## 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

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	99%	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	60%	4/11/20	9/25/20	99%	10%	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	Water and Storm design is at 100%. Permitting is ongoing. SFWMD, DOH, ACOE permits received.	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 2020	Late 2022
Estero Blvd Phase 4 Water Main	Estero Blvd	Construction 90% complete	100.00%	100.00%	11/15/19	Late 2020
Phase 4 Joint Outfalls	Lenell Rd, Redfish Rd, Lagoon Rd, Tarpon Rd, Buccaneer Dr	Construction 95% 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
August	33,820	957	1,187	1,091
July	38,131	1,056	1,417	1,230
June	29,179	838	1,464	1,080
May	34,331	967	1,225	1,107

**\*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 August, was 2.6 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 August.
- The minimum, maximum, and average chlorine residuals for the month of August were recorded as 1.9, 3.3, and averaged 2.6 respectively

## ALARMS AND CALL-OUTS

- Reconnects after disconnects
- Misc construction activities

# 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

4768.79 ERU actual

4700.00 ERU goal

## STORMWATER MAINTENANCE

- Sterling swale reclamation - remove dirt from swale impending road drainage. Line sides of swale with fabric barrier and rip rap to properly brace the sides of the swale given it is all sand.
- Outfall inspection at 27 Palmview - Add 57 stone behind sea wall where dirt is settled no visible breach in the pipe. Monitor the area.
- Fifth Street grate replacement - remove old damaged grate prep box for a new traffic rated cap and grate. Install new cap on drainage box at grade and repair asphalt.
- Swale reclamation on Lazy Way - the swale was scrapped out and regraded for flow and new sod was put in place
- Anchorage - video of the outfall was done to determine the damage that was done to the pipe and what extent of repair would be needed
- Old San Carlos was plugged at water inlet points and pipes drained to see what would be needed to inspect the pipes and gain base line data and the road
- Maintenance to Pink Shell Marina outfalls - remove more vegetation, move rip rap and dirt blocking first outfall
- Clean out and inspection of Delmar outfall
- Clean and TV Delmar
- Clean and TV Curlew
- Repair outfalls on Fairweather and Delmar
- Trim around drains on Andre Mar
- Trim around drains on Hibiscus