



TOWN OF FORT MYERS BEACH, FLORIDA UTILITY DEPARTMENT

2525 ESTERO BOULEVARD, FORT MYERS BEACH, FLORIDA 33931
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MEMORANDUM

Date: February 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

- LP GRANT NS030: \$249,084.00 DISPERSED
- LP GRANT LP 36084: \$1,000,000.00 DISPERSED
- Town of Fort Myers Beach HMGP grants - \$2,417,785.62 ** awaiting determination as to whether the projects are cost effective therefore eligible for grant funding.

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 conflict evaluation based on as built survey data for any conflicts between water main and improvements by Lee County.

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
January 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 87 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, Part 2 Waterlines

Primo Drive

- Hand-delivered 80 Paving notices to residents
- Hand-delivered 8 parking tags for offsite parking during night paving
- Posted 4 golf signs on Primo Drive announcing road closure for night paving

Matanzas Street, Matanzas Court & Carlos Circle

- Hand-delivered 67 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	57%	9/28/2020	On Going	100%	70%	0%	
Primo Dr	95%	10/13/2020	On Going	100%	100%	95%	1/19/21
Lagoon St	33%	10/13/2020	On Going	100%	0%	0%	
Santos Rd	67%	10/29/2020	On Going	100%	100%	0%	
Carlos Cir	67%	10/21/2020	On Going	100%	100%	0%	
Matanzas St/Ct	32%	10/14/2020	On Going	95%	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, 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 60% 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
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
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 January, was 3.1 mg/L.
- No precautionary boil water notices were issued for the month of January.

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 January.
- The minimum, maximum, and average chlorine residuals for the month of January were recorded as 2.8, 3.4, and averaged 3.1 respectively

ALARMS AND CALL-OUTS

- None

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

4761.47 ERU actual

4700.00 ERU goal

STORMWATER MAINTENANCE

- Trim swales as needed
- Weed control at outfall areas with 57 stone (All natural vinegar mixture)
- Continuation stormwater maintenance project on Estero Blvd.
- Stormwater collection boxes for Estero Blvd area cleaned and inspected.
- Swale and stormwater retention areas at Bay oaks and Town pool drainage areas restored to proper working condition.
- Inspect outfalls to ensure clear path for samples and maintenance.
 - In communication with Environmentalist to change ordinance to prevent structures within three feet of any outfall for maintenance purposes.