



City of Marco Island

MEMORANDUM

Date: October 17, 2025
To: City Council
Through: Michael A. McNees, City Manager
From: Justin Martin, P.E., Director, Public Works
Subject: Public Works Departmental Report – October 2025

The City's public works department has 12 dedicated employees that administer, repair, and maintain the city's public infrastructure including traffic signals, streetlights, roads, sidewalks, swales, street signs, stop signs, median landscaping and irrigation, city street trees, storm sewer drainage, and bridges.

The following summarizes the department's operations over the month of October:

Public Works Capital Projects Overview:

N. Collier Blvd./N. Barfield Dr. intersection

- Installation of a new PVC water main to replace the old asbestos-cement main continues under the southbound left lane of Collier Blvd. Installation of a new reclaimed water main will follow.
- Traffic delays have been minimized since it does not have to stop at the N. Barfield Dr. intersection.
- Construction is scheduled to be completed in Sept 2026

Canal Aeration Pilot

- Testing will resume in May 2026 with the reopening of the next testing cycle.
- Following the installation of the aerators, a ten-week sampling and testing period will be conducted, covering parameters such as dissolved oxygen (DO), temperature, conductivity, oxidation-reduction potential (ORP), depth, and airflow.

Traffic Signal Control Replacements

- Design: Completed
- Bidding: Nov 2025 – Jan 2026
- Construction: Feb 2026 – Aug 2026

Pedestrian Safety Improvements

- Design: Completed
- Bidding: October – Dec 2025
- Construction: Feb 2026 – Aug 2026

Tidal Flushing/Canal Interconnects

- Bids rejected 2024
- Additional grant funding has been approved. Additional funding is still needed
- Re-bid and construction TBD

Sand Hill St. Shared Path

- Project awarded.
- Construction will begin in January 2026.

Annual Street Resurfacing (Paving)

- Project completed
- Roads paved:
 - S. Heathwood Dr
 - Winterberry Dr. (Collier Blvd. to W. Winterberry Bridge)
 - Century Dr.
 - Wavecrest Ct.
 - Piedmont Ct.
 - Windmill Ave.
 - Balsam Ct.
 - Tarpon Ct.
 - Pepperwood Ct.
 - Goldcoast Ct.

Paving Repairs

- This project will correct some of the pavement dips/depressions and manhole bumps throughout the island.
- Bidding: Oct – Nov
- Contract Award: Dec
- Construction: Project completed.

Caxambas Ct. Bridge Replacement

- 60% plans: Nov 2025
- 90% plans: May 2026; construction funding agreement between city and FDOT must be executed by May 2026.
- 100% plans: Sep 2026
- Bidding: Nov 2026 – Jan 2027
- Construction: Mar 2027 – Mar 2028

S. Barfield Dr. Flood Remediation

- Design: May 2025 – Dec 2025
- Bidding: Jan 2026 – Feb 2026
- Construction: Mar 2026 – Jan 2027

Exfiltration Swales (S. Collier Blvd - Huron to end of Collier Ct.)

- Construction: Oct 2025 – Feb 2026

Roadway Restriping

- Construction: Sep 2025 – Nov 2025

Additional Street Lights

- Coordinating with LCEC for additional lights on Bald Eagle Drive.

Bald Eagle Dr. Bike Lanes

- Design: Aug 2025 – Dec 2025
- Bidding: Jan 2025 – Feb 2025

- Construction: Mar 2026 – Dec 2026

Swallow/Huron/Panama Exfiltration Swales

- Design: Oct 2025 – Apr 2026
- Bidding: May 2026 – June 2026
- Construction: July 2026 – Jan 2027 (pending funding)

N. Collier Blvd/N. Barfield Dr. Intersection Improvements

Construction began in mid-September. The first phase of construction consists of replacing the underground water and sewer mains. Barfield Dr. is closed at the intersection with the exception of turning traffic from southbound Collier Blvd. to northbound Barfield Dr. The traffic signal has been deactivated to improve traffic flow on Collier Boulevard. Some delays continue, but the project will ultimately improve safety, traffic operations, and utility reliability.



S. Collier Blvd. Exfiltration Swales

The project area spans approximately 0.6 miles along South Collier Blvd, beginning at Huron Street and ending at the cul-de-sac on Collier Court. The project will improve stormwater quality treatment by installing exfiltration systems within the existing roadside swales. The work includes excavation, grading, installation of perforated pipes, filter fabric, drainage rock, sodding, and site restoration. Construction mobilization began on October 1 and is expected to be completed within six (6) months.



Roadway Restriping

The road restriping project started in October. The work includes thermoplastic pavement markings, such as crosswalks, arrows, skip lines, and stop bars, at intersections along Bald Eagle Drive, Collier Boulevard, San Marco Road, Winterberry Drive, and other identified segments, as shown on the map.

Most of the restriping is taking place during nighttime hours. Maintenance of traffic (MOT) will be in place at all times, with at least one lane remaining open to maintain traffic flow. The striping will be completed by early December.

C-HAWQ Public-Private Partnership Proposal

The City's engineer will complete the evaluation of the C-HAWQ proposal for waterways dredging in November. City staff will provide the evaluation to city council for a council workshop meeting on December 8. The proposer will present and answer questions during the workshop.

Collier Blvd Roadside Turf/Landscape Maintenance

The City no longer irrigates, mows, or trims the sod between the sidewalk and the curb on Collier Blvd. since this is the responsibility of the property owners. City staff is distributing notices to all property owners on Collier Blvd informing them that they are responsible for maintaining their roadway frontage just like all other property owners on all other streets in Marco Island. The City will continue to maintain the landscaping, irrigation, and mulch in the medians.

Advisory Committee Support

In addition to the above projects, PW staff attends and supports the Waterways Advisory Committee and the Hideaway Beach Tax District Board including the preparation of meeting minutes, conducting research, updating the city website related to committee functions, coordinating among committee members, and attending additional meetings, and responding to requests. Staff support of the Beautification Advisory Committee transitioned to the Fleet and Facilities department on October 1.

2025 City of Marco Island – Road Restriping



City of Marco Island

NOTICE TO PROPERTY OWNERS ON COLLIER BOULEVARD
Maintenance Responsibility for Right-of-Way Areas Adjacent to Private Property

Dear Property Owner,

The City of Marco Island would like to inform you that **property owners along Collier Boulevard are responsible for maintaining the public right-of-way areas adjacent to their property** (Chapters 18 & 42, Article II, Code of Ordinances), including:

- Driveways, culverts, and sidewalks
- Sod and turf areas
- Landscaping and mulch
- Irrigation systems

Effective immediately, the City will no longer irrigate or maintain the sod, landscaping, or mulch located between the curb and the right-of-way/property line. Property owners are required to maintain these areas in a neat and orderly condition.

The City will continue to irrigate and maintain the landscaping within the roadway medians along Collier Boulevard.

Please note that **failure to maintain** driveways, culverts, sidewalks, sod, landscaping, or irrigation between the curb and the right-of-way/property line **will result in referral to Code Enforcement** for corrective action.

Property owners are encouraged to coordinate with their landscape maintenance contractor to ensure these areas are properly maintained.

Please feel free to email publicworks@cityofmarcoisland.com if you have any questions.

Thank you for your cooperation in helping preserve the beauty and safety of Collier Boulevard.

Sincerely,
City of Marco Island

Water Quality Action Items

The following table lists the water quality action items being considered or performed by the city. The items appearing in gray text are not recommended, not feasible, and not implemented.

WQ Action Item	Cost	Status
dredging	\$30M (\$6M/yr x 5yrs)	coordinated permitting feasibility with FDEP. City Council reviewed the C-HAWQ public-private partnership proposal for dredging at the May 5, 2025 special called meeting. The City hired an independent engineer to review the proposal as directed by council. The engineer provided questions for C-HAWQ to answer.
inlet side slot filling	\$300/inlet	ongoing: 7 filled in month of August (167 total to date)
Exfiltration swales	\$12M	There are 120 miles of swales on Marco Island. \$1.5M in grant funding has been approved with 50% city matching funds. New exfiltration swales were constructed as part of the N. Barfield Shared Path project. The City awarded a contract to construct exfiltration swales on S. Collier Blvd. from Huron Ct. to the end of Collier Ct. Construction is slated to begin in July. More exfiltration swale project designs are on the way in FY25. The right of way construction standards manual was revised to require that exfiltration swales be constructed as part of the right of way permitting process. Thus far over 20 residential right of way permits include the construction of exfiltration swales.
inlet screens	\$600 ea	ongoing: 222 installed to date. Four were installed with the Barfield drainage and San Marco drainage projects. More will be installed as part of the N. Collier Blvd./N. Barfield Dr. intersection improvements project.
rain barrells/gardens	borne by homeowner	add to education campaign for homeowner implementation
seawall denitrification beds	borne by homeowner	not recommended - media can migrate into canals (unintended consequence)
reuse disposal alternatives	\$5M+	not feasible - FDEP will not permit the discarding of reuse water into deep injection well. Defeats the purpose of re-using treated water.
reuse irrigation inspections	included in operating budget	ongoing: city-owned irrigation inspected and repaired by city landscape contractor. Condo HOA's and hotels inspect and repair their systems
reuse educational program	included in operating budget	W&S dept prepared and distributed educational material. Follow up with HOA's annually. W&S has also assigned an employee to continue the public education campaign.
golf course irrigation	borne by golf courses	W&S dept coordinated with golf courses regarding irrigation rates. Golf courses effectively manage their irrigation
golf course interconnecting culverts	borne by golf courses	golf course water management systems detain stormwater and irrigation runoff onsite. Discharge to offsite is through outfall weirs. Interconnecting culverts are internal to golf course SWM systems.
Hydrodynamic study for dead-end canal circulation	\$50k	completed in Dec 2023 and presented to council in Jan 2024. The design of the interconnects was based on this study.
Dead-end canal interconnects	\$6M	state legislative appropriation approvals obtained. The first interconnect project has been designed, and bids opened on 8/5/24. The City is seeking additional state funding in FY25 and 26 so that this project can be constructed.
Street sweeper	\$380k	street sweeping program underway
fertilizer education campaign	low	city growth management environmental staff coordinating

fertilizer enforcement	low	ongoing - city code enforcement
fertilizer ordinance revision	low	not recommended - unenforceable
stormwater utility	property owner assessments	requires stormwater system inventory, master plan update, and rate study by consultant. Staff has not received direction from city council to proceed with this although this topic was recently proposed for discussions at WAC meetings.
Alternate water quality plan (4e)	\$50k	Approved by FDEP in Sept 2023. City is proceeding with projects in the plan as indicated in this table.
WQ testing	\$86k/yr	Ongoing. Quarterly testing of PTOX algae added in FY25.
WQ monitoring evaluation	\$10k/yr	evaluation being conducted as part of the MS4 permit. PW staff submitted the NPDES Annual Report for the Phase II MS4 permit for year 2 on 2/28/24. FDEP approved the annual report in August 2024. FDEP is conducting an MS4 audit on July 9.

Permitting Functions

Public works staff also reviews development and right-of-way permit applications and conducts inspections of the active right-of-way, SDP, and Seawall permits. The reviews and inspections are summarized below.

Reviews

Permit Type	qty
ROW permits (residential)	25
ROW permits (commercial)	13
SDP reviews	5
SEAW Seawall Work	13

Inspections

Type	qty
Residential	86
Commercial	0

Infrastructure Maintenance Field Crew Activities

- Swept City Roadways with new street sweeper 231 lane miles swept between 9/24/2025 and 10/17/2025).
- Inspected crosswalks.
- Painted stop bars and crosswalks.
- Sealed up 5 side slot inlets on storm structures.
- Painted 30, 12 MPH bicycle speed limit signs along City shared pathways as of 10/20/2025.
- Repaired storm pipe on Caxambas Dr.
- Cleaned stone spilled on Kendall Dr.
- Replaced solar powered crosswalk circuit board at Mariott crosswalk on Collier Blvd.
- Completed certifications for Level 1 Traffic Signal Technicians, as well as FDOT MOT Certification (Mike Chidester and John Lafakis).
- Repaired traffic camera at Collier & W. Elkcarn.
- Investigated bee complaint at Tigertail and Century Dr., forwarded to proper utility company.
- Repaired pothole on Bald Eagle Dr.
- Installed rip rap on 6 cull de sacs to protect new road paving.

- Collected new load of rip rap from Naples for road improvements.
- Repaired pothole on Marco Lake Dr.
- Repaired pothole at Capt Horr Way.
- Repaired radius at Waikiki and N. Barfield due to heavy traffic.
- Investigated water retention complaint at Kendall Dr. No issues found, bubbler boxes.
- Investigated Mulberry Ct. water retention complaint. New home issue, Code Enforcement notified.
- Installed protective stone along Fairlawn radiuses for new pavement protection.
- Replaced sod on Bald Eagle. Dr.
- Meet with new contractors from Juniper; new contractor updated on maintenance contract.
- Installed four solar crosswalks at Beach Club Access on Collier Blvd.
- Inspected swale complaint at Forrest Ct.
- Investigated sign damage at Buttercup, new signage ordered.
- Repaired pothole at 6th Ave. and Marco Lake Dr.
- Repaired pothole at Tampa Place.
- Repaired speed limit sign on Winterberry Dr.
- Replaced broken navigation light on W. Winterberry Bridge.
- Meet with JLR Construction on S. Collier Blvd. (Exfiltration swale project inspections).
- Completed MOT School (Justin Martin, Zurima Luff, Mike Chidester, John Lafakis).
- Meet with Coastal Concrete daily, (Collier and N. Barfield construction inspections).
- Repaired damaged signage at Dunford Way.
- Replaced inoperable red traffic signal at Bald Eagle and Collier Blvd.
- Removed debris from roadway along S. Barfield Dr. (emergency cleanup operation).

Debris cleanup along S. Barfield Dr.



Cul de sac riprap restoration project



Crosswalk installation at Beach Club access



Dunford Lane sign replacement



Edge of pavement repairs at Fairlawn and Waikiki



Edge of pavement repairs at Fairlawn and Waikiki



Traffic signal light replacement at Bald Eagle and Collier Blvd.



PW FY2026 Adopted Budget



City of Marco Island FY 2026 Adopted Budget

Accounts	Description	2022 Actuals	2023 Actuals	2024 Actuals	YTD Actuals	2025 Revised Budget	2026 Proposed Budget Lvl 4	% Chng
5410 STREETS & DRAINAGE								
0015410-501210	NON-BARGAINING UNIT WAGES	820,891	874,305	1,012,441	1,087,676	1,023,819	1,126,480	10.0%
0015410-501250	BENEFIT WAGES	6,914	1,624	0	0	0	0	0.0%
0015410-501400	OVERTIME	6,658	9,855	14,821	15,410	5,000	15,000	200.0%
0015410-512100	FICA TAXES	61,523	65,909	76,623	82,300	76,628	84,019	9.6%
0015410-512200	RETIREMENT CONTRIBUTIONS	52,545	56,544	65,709	70,006	66,500	73,548	10.6%
0015410-512300	LIFE & HEALTH	102,593	114,752	123,850	126,885	128,272	148,493	15.8%
0015410-512900	CAPITALIZED PERSONNEL COST	0	0	0	0	(110,000)	(110,000)	0.0%
0015410-523115	ENGINEERING	0	4,939	42,326	88,969	187,200	205,000	9.5%
0015410-523400	OTHER CONTRACTUAL SERVICES	758,360	912,624	857,781	995,312	1,046,416	1,214,000	16.0%
0015410-524000	TRAVEL & PER DIEM	705	680	1,160	0	2,775	1,625	-41.4%
0015410-524100	COMMUNICATIONS	5,749	7,563	8,796	8,487	9,000	11,400	26.7%
0015410-524200	FREIGHT & POSTAGE	0	0	0	470	475	0	-100.0%
0015410-524310	UTILITY SERVICE - ELECTRIC	336,240	362,580	339,801	371,067	384,000	384,000	0.0%
0015410-524330	UTILITY SERVICE - WATER/SEWER	64,225	62,508	61,660	44,891	78,000	78,000	0.0%
0015410-524350	UTILITY SERVICE - WASTE DISP	6,652	7,705	19,642	20,000	26,400	26,400	0.0%
0015410-524400	RENTAL & LEASES	3,090	3,259	5,784	7,296	7,400	60,800	721.6%
0015410-524600	REPAIR & MAINTENANCE	3,203	16,500	65,671	75,103	78,720	41,500	-47.3%
0015410-524605	REPAIR & MAINT - VEHICLES	23,388	38,552	50,784	42,884	47,000	23,500	-50.0%
0015410-524610	REPAIR & MAINT - FACILITIES	3,692	1,331	0	0	0	0	0.0%
0015410-524615	REPAIR & MAINT - EQUIPMENT	0	0	0	0	0	0	0.0%
0015410-524640	REPAIR & MAINT - STREET LIGHTS	64,283	105,511	65,857	51,287	74,600	74,600	0.0%
0015410-524650	REPAIR & MAINT - PARKS	0	0	0	0	0	0	0.0%
0015410-524700	PRINTING AND BINDING	379	573	1,114	521	1,200	1,200	0.0%
0015410-524900	OTHER CHGS & OBLIGATIONS	0	0	0	0	0	0	0.0%
0015410-524915	OTHER CHGS - SAFETY	0	0	0	0	1,000	1,000	0.0%
0015410-524940	MISCELLANEOUS EXPENSE	0	0	0	0	0	0	0.0%
0015410-524950	OTHER CHGS - BEAUTIFICATION	19,813	26,186	25,510	25,468	26,300	0	-100.0%
0015410-524970	OTHER CHGS - WATERWAYS	0	38	52	70	10,000	10,000	0.0%
0015410-525100	OFFICE SUPPLIES	4,762	2,748	2,340	1,521	3,500	3,500	0.0%
0015410-525200	OPERATING SUPPLIES	27,460	32,252	31,103	21,288	43,000	43,000	0.0%



City of Marco Island FY 2026 Adopted Budget

0015410-525205	OPER SUPPLIES - FUEL	41,387	44,332	46,011	43,250	61,000	61,000	0.0%
0015410-525220	OPERATING SUPP - UNIFORMS	5,916	5,822	6,174	5,910	8,100	8,100	0.0%
0015410-525225	OPERATING SUPP - IT	1,032	1,096	766	1,193	1,200	1,200	0.0%
0015410-525300	ROAD MATERIALS/SUPPLIES	51,488	59,342	122,808	111,289	165,600	134,200	-19.0%
0015410-525400	MEMBERSHIPS AND PUBLICATIONS	1,700	4,573	2,052	2,790	2,950	1,950	-33.9%
0015410-525500	TRAINING	1,813	574	8,932	2,784	9,700	9,700	0.0%
0015410-606400	MACHINERY & EQUIPMENT	0	0	0	0	0	0	0.0%
Department Total		2,476,461	2,824,278	3,059,569	3,304,126	3,465,755	3,733,215	7.7%
Grand Total		2,476,461	2,824,278	3,059,569	3,304,126	3,465,755	3,733,215	7.7%