



# City of Marco Island

## MEMORANDUM

Date: July 24, 2026  
To: City Council  
Through: Casey Lucius, Ph.D., Interim City Manager  
From: Justin Martin, P.E., Director, Public Works  
Subject: Public Works Departmental Report – July 2026

The City's public works department has 13 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 department manages design, permitting, construction contracts, infrastructure maintenance contracts, governmental compliance, traffic operations, and serves as liaison and support to the Waterways Advisory Committee and the Hideaway Beach Special Taxing District Board. The department responds to island resident concerns regarding infrastructure, prepares projects for public bidding and has a major role in solicitations for consulting and annual service contracts.

Mike Lalbachan joined the City of Marco Island Public Works Department as a Project Manager on July 13. John Hamilton will join the department as a Project Manager on August 3. These two new hires will fill the two existing vacancies within the Public Works Department.

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

### **FY 2027 Public Works Operating Budget Cuts**

The following cuts in the proposed FY27 public works operating budget make up the 4.9% reduction that was presented to council at the July 20 budget workshop:

| Item                                       | Reduction            |
|--------------------------------------------|----------------------|
| Professional consulting                    | -\$25,000.00         |
| Street Light Maintenance                   | -\$5,000.00          |
| Rentals and Leasing                        | -\$2,780.00          |
| Printing/binding                           | -\$2,450.00          |
| Waterways advisory committee               | -\$5,000.00          |
| Tree city USA                              | -\$30,000.00         |
| Dead tree removal/replacement              | -\$30,000.00         |
| Quarterly WQ testing instead of monthly    | -\$30,000.00         |
| Collier Blvd irrigation adjustments        | -\$65,000.00         |
| Delete additional holiday trash collection | -\$15,000.00         |
| paving repair reduction                    | -\$10,000.00         |
| swale repair reduction                     | -\$10,000.00         |
| <b>TOTAL</b>                               | <b>-\$230,230.00</b> |

## Public Works Capital Projects Overview:

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

- Construction is complete, 2 ½ months ahead of schedule and on budget.
- Intersection was opened to traffic on July 10.
- All construction-related maintenance of traffic devices have been removed.
- The traffic signals are operational and functioning properly.
- City staff is researching options to provide internet connectivity to the traffic signal controller at this intersection.

### ***Public Works Facility at the South Water Treatment Plant***

- The building permit was issued in July.
- The rented temporary trailer was delivered on July 13 and has been set up.
- The construction contract has been sent to the contractor for execution.
- The former trailers are being vacated in preparation for demolition.
- Construction: August 2026 – August 2027

### ***Collier Alternate Bike Lanes***

- Sidewalk and driveway demolition on Seagrape is in progress.
- The new watermain and storm sewer is being constructed on Seagrape.
- Sidewalk restoration on Peru St. and the northernmost section of Seagrape Dr. is scheduled for August.
- Construction is approximately 40% complete.
- Construction: Mar 2026 – Dec 2026



### ***Canal Aeration Pilot***

- Diffuser installation and water testing commenced in June.
- Canal water dissolved oxygen (DO), temperature, conductivity, oxidation-reduction potential (ORP), depth, and aerator airflow will be tested.
- Results and report expected later this year

### ***Traffic Signal Control Replacements***

- Shop drawings have been submitted and reviewed.
- Construction: Aug 2026 – Jan 2027

### ***Pedestrian Safety Improvements***

- Two new crosswalks:
  1. S. Heathwood Dr. at Andalusia Ter.
  2. N. Barfield Dr. between Wavecrest Ct. and Piedmont Ct.

- The crosswalks are complete and fully operational.

#### ***Sand Hill St. Shared Path***

- Construction is complete

#### ***2026 Annual Street Resurfacing (Paving)***

- Paving is complete.
- The following roads were paved:
  1. Neil Bahr Way
  2. Tripoli Ct.
  3. Antilles Ct.
  4. Fruitland Ave.
  5. Hartley St.
  6. Admiralty Ct.
  7. Hunt Ct.
  8. Strawberry Ct.
  9. Marquesas Ct.
  10. Wales Ct.
  11. Swallow Ave.
  12. Gulfstream St.
  13. Rainbow Ct.
  14. Waterleaf Ct.
- The contractor is completing punch-list corrections and permanent thermoplastic pavement striping and markings.

#### ***Caxambas Ct. Bridge Replacement***

- City Council approved execution of the Local Funding Agreement, Escrow Agreement, and Maintenance Agreement required by FDOT.
- Funding for this project is included in the FY27 CIP budget request.
- Funds must be deposited in escrow by the end of October.
- 100% plans: Sep 2026
- Bidding: Jan – Mar 2027
- Construction: Apr 2027 – May 2028

#### ***S. Barfield Dr. Flood Remediation***

- Design to be completed in Aug 2026
- Bidding: Sep – Oct 2026
- Construction: Nov 2026 – Sep 2027

#### ***Exfiltration Swales (Winterberry Dr.)***

- Design completed
- Bidding: July 2026 – Aug 2026
- Construction: Oct 2026 – Feb 2027

#### ***Bald Eagle Dr. Bike Lanes***

- 90% Design plans submitted to FDOT. Waiting for FDOT response.
- Funding for construction has been removed from the FY27 budget request pending reimbursement of other FDOT grant-funded projects.

#### ***Swallow/Huron/Panama Exfiltration Swales***

- Design to be completed Dec 2026
- Bidding: Jan – Feb 2027
- Construction: Apr - Sep 2027 (pending funding)

### ***Tidal Flushing/Canal Interconnects***

- Bids rejected 2024
- Additional funding is still needed
- Existing project funds are being reallocated to fund construction of the Caxambas Ct. Bridge Replacement project.
- Re-bid and construction are deferred pending future funding.

### **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 agendas and minutes, conducting research, updating the city website related to committee functions, coordinating among committee members, attending additional meetings, and responding to requests.

### **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. City council opted to not pursue this public-private partnership.                                                                                                                                                                                                                                                               |
| inlet side slot filling              | \$300/inlet                  | ongoing: 2 filled in month of July (183 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 constructed exfiltration swales on S. Collier Blvd. from Huron Ct. to the end of Collier Ct. More exfiltration swale project designs are on the way in FY27. 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 40 residential right of way permits include the construction of exfiltration swales. |
| inlet screens                        | \$600 ea                     | ongoing: 222 installed to date. More will be with drainage capital projects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| rain barrel/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 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                                                                                                                                                                                                                  |
| 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 has been discussed 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. The city will submit an update to FDEP in July.                                                                                          |
| 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 conducted an MS4 audit on July 9, 2025. |

## 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.

### July 2026

#### Reviews

| Permit Type                    | qty |
|--------------------------------|-----|
| ROW permits (residential)      | 30  |
| ROW permits (commercial)       | 2   |
| SDP reviews                    | 2   |
| SEAW Seawall Work              | 14  |
| Variance petition plan reviews | 2   |

#### Inspections

| Type        | qty |
|-------------|-----|
| Residential | 115 |
| Commercial  | 0   |

## Infrastructure Maintenance Field Crew Operations

- Swept 279 lane miles between 6/22/2026 and 7/19/2026.
- Inspected crosswalks.
- Sealed 2 side-slot inlets on storm structures.
- Ground trip-and-fall hazards throughout the island with concrete grinder.
- Repaired the roadway on Columbus Way.
- Removed wood sign poles and replaced with aluminum poles.
- Recorded decibel readings on Dan River Ct. aerator.
- Repaired roadway on Olds Ct., placed riprap around cul-de-sac to prevent washout.
- Removed broken navigational marker #4 and installed a temporary buoy.
- Picked up a load of riprap from the quarry.
- Set up new PW bucket truck.

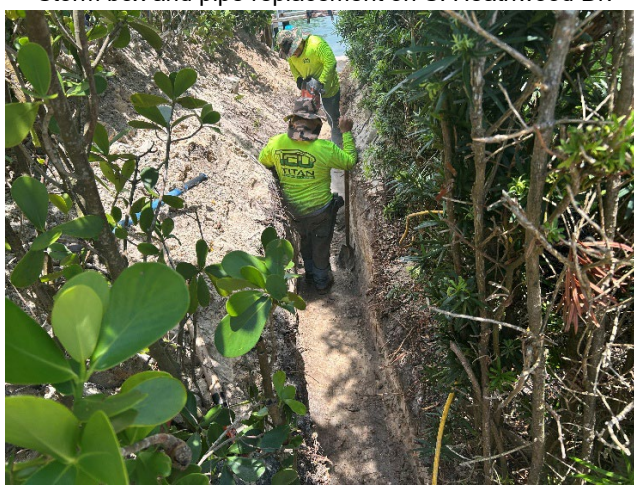


- Programmed audible messages on new crosswalks.
- Placed riprap on 6 additional cul-de-sac islands.
- Removed decals from the old bucket truck.
- Placed riprap on roadway at Gulfstream and Rainbow.
- Removed asphalt school-crossing markings on Winterberry Dr.
- Installed a four-way stop at Inlet Dr. and Watson Rd.
- Reinstalled 4 “No Parking” signs on Vintage Bay Dr.
- Installed red reflective tape on stop sign poles on Sand Hill and Columbus Way intersection.
- Replaced 4 batteries in message board.
- Painted crosswalks and stop bars.
- Repaired Buccaneer Ct. stop sign.
- Replaced stone along the seawall at the Herb Savage Bridge.
- Repaired median damage at Winterberry Dr. and Collier Blvd.
- Placed a “Water Over Roadway” sign on Bald Eagle Dr.
- Moved all signage along Seagrape Dr. for construction.
- Removed roadkill on S. Heathwood Dr.
- Replaced outfall pipe on S. Heathwood Dr. (Titan repair).
- Delivered water truck to shop for AC repairs.
- Repaired dump truck DEF fluid pump.
- Installed message boards for opening of roadway for Collier / Barfield intersection.
- Installed riprap on S. Barfield Dr.
- Repaired washout at catch basin at Leeward Ct.
- Trimmed trees on Elkcam Cir.
- Troubleshoot new traffic signal issues.
- Hauled two loads of street-sweeper debris to the landfill.
- Repaired a pothole near Chase Bank/Jim Vensel Blvd.
- Picked up floating buoy from Blue Marlin Marine.
- Sprayed weeds at the Park Ave. porkchop.
- Serviced the street sweeper (oil, lubrication, and filter).
- Performed numerous sign repairs island-wide.
- Inspected navigation lights.
- Prepared the Public Works shop for the facility move.
- Repaired storm pipe on Marco Lake Dr.

Storm box and pipe replacement on S. Heathwood Dr.



Storm box and pipe replacement on S. Heathwood Dr.





Herb Savage bridge stone replacement



Marco Lake Dr. storm pipe repair.



S. Barfield Dr. washout repair.



Leeward Ct. washout repair.



Street sweeper maintenance.



New stop signs installed at Inlet and Watson.

