



City of Marco Island

MEMORANDUM

Date: May 25, 2023
To: City Council
Through: Michael A. McNees, City Manager
From: Justin Martin, P.E., Director, Public Works
Subject: Public Works Departmental Report – May 2023

The City's public works department currently has 13 full time employee (FTE) positions as follows: (1) director, (1) Infrastructure & construction manager, (1) stormwater engineer [vacant], (1) administrative/project coordinator, (1) supervisor, (1) streets & drainage coordinator, (1) right of way coordinator, (4) maintenance workers, (1) street sweeper operator, and (1) water truck operator.

The department is currently operating with 12 full-time employees since the stormwater engineer position is currently vacant.

Tara Kosieracki transferred to the public works department from the vacation rental registration section on 5/24/23. Tara is the administrative/project coordinator that replaces the administrative assistant position. This coordinator position will include grant administration support for the public works department.

The following summarizes the department's notable activities over the month of May:

Durnford Way Construction Project (Alley behind Joey's)

- Construction is now complete.
- The alley reopened on 5/19/23.
- Vehicles are already parking in the new parallel parking spaces.
- A new storm sewer drainage system was constructed that discharges to the canal north of Amazon Ct.
- Public Works staff removed all temporary "no parking" signs on Bayside Ct. on 5/24/23.



Tigertail Lagoon/Sand Dollar Island Restoration (Hideaway Beach Dredging)

- Nighttime dredging resumed on 5/25/23.
- The project is over 96% complete as of 5/25/23.
- Dredging operations are expected to be substantially complete during the Memorial Day weekend.
- The contractor will demobilize the pipes, booster pump, and all machinery following the completion of dredging.
- Sea turtles are now nesting on the newly constructed beach. Nests in the area were not successful last year since the beach was eroded and seawater drowned the eggs that were laid.



US Army Corps of Engineers (USACE) Coastal Storm Resiliency

- USACE will be hosting an in-person public meeting in the City of Marco Island's community room at 51 Bald Eagle Dr. on 6/21/23 or 6/22/23. The meeting date will be finalized on Wednesday, 5/31/23.
- Alternatives from the previously held charrettes will be presented and discussed during the public meeting.

FEMA Hurricane Damage Reimbursement

- Public Works staff has been coordinating with FEMA representatives and providing infrastructure hurricane damage information including descriptions, GPS coordinates, photos, maintenance records, and data spreadsheets.
- Staff has taken FEMA representatives to visit the affected infrastructure.

Annual Street Resurfacing (2023)

- Public Works will issue the Notice to Proceed to the contractor upon receiving the executed contract, bonds, and insurance.
- Construction is expected to last 110 days.
- On the right is a map of the streets to be resurfaced as part of this project.

Advisory Committee Support

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



Street Sweeper

- The long-awaited street sweeper arrived on 5/25/23
- The dealer is scheduling training for Public Works staff
- The MS4 street sweeping program will commence immediately upon completion of the training
- The sweeper includes a powerful magnet on the front to pickup nails and screws
- The sweeper also has a large diameter hose on a boom for hard to reach areas

Permitting Functions

Public works staff reviewed development and right of way permit applications and conducted inspections of active right of way permits as indicated below.

Reviews

Permit Type	qty
ROW permits (residential)	32
ROW permits (commercial)	5
SDP stormwater reviews	5

Inspections

Type	qty
Residential	150
commercial	1

Infrastructure Maintenance Field Crew Activities (May 2023)

- Setup Farmer's Market traffic control.
- Swept bike lanes.
- Inspected crosswalks.
- Cleaned storm drains (yearly storm drain cleaning, two personnel cleaned 950 storm drains to date).
- Graded 20 foot of swale at 350 Grapewood Ct.
- Fixed the Kendall Dr/Collier Blvd. traffic light malfunction (camera was dirty).
- Installed no parking signs on Bayside Ct. on 5/2/23 and removed them on 5/25/23
- Repaired concrete curb on Collier Blvd.
- Repaired dip in roadway on Tallwood St.
- Installed 2 street light poles (by Bentley Electric) on Collier and Bald Eagle Dr.
- Repaired lighted street signs (by Bentley Electric) at Elkcam & Bald Eagle.
- Repaired sign on mast arm of traffic light at Collier & Elkcam Cir.
- Installed new stop sign on Grey Ct.
- Repaired one banner arm at 400 block of S Collier Blvd.
- Repairing variable message board (leaking hydraulic cylinder). Cylinder taken to hydraulic shop for rebuilding.
- Repaired stop sign at Twin Oak Ct.
- Repaired water truck power takeoff (PTO) (loose PTO).
- Parged outfall pipe at 570 Tigertail Ct. Sinkhole around area filled.
- Inspected Police Department message board, no issues found.
- Removed gravel from right away for swale grading job at Bluebird & N. Barfield.
- Leveled street signs on Maple Ave.
- Graded swale at Bluebird & Barfield.
- Installed sod at Bluebird & Barfield.
- Filled sinkhole over outfall at Winterberry Dr.
- Repaired speed limit sign on Collinswood Ave.
- Repaired pothole at Grapewood Ct.
- Repaired curb at 74 N. Collier Blvd.
- Installed turtle shields at Resident's Beach.
- Formed and poured sidewalk at Bluebird & Barfield.
- Installed four solar flashing beacons at Bald Eagle crosswalks.
- Inspected San Marco & Heathwood traffic light complaint. Traffic light is operating properly.

New solar flashing crosswalk beacon installed on Bald Eagle





Before and after pictures of swale grading job at Bluebird Ave. & N. Barfield Dr.