



CITY OF MARATHON  
**PUBLIC WORKS**

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MEMORANDUM

DATE: February 11, 2025  
TO: Honorable Mayor and City Councilmembers  
FROM: Carlos A. Solis, P.E. Director of Public Works & Engineering  
THROUGH: George Garrett, City Manager  
SUBJECT: Public Works Update

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The following is an update of the status of Public Works projects and related issues:

**Capital Infrastructure Projects**

- **Marina & Station 14 Generators:** All work and complete project close-out will be completed by March 31.
- **117th Street, 116th Street & 112<sup>th</sup> Street Bridge Replacement:** FDOT has informed us that they will be funding the additional cost for the replacement of the substructure for 117th Street. Bridge. Our construction funding for this project is revised from \$750,000 to \$1,776,644.00 The City will cover the cost for the required CEI services. With regards to the 112<sup>th</sup> St and 116<sup>th</sup> St bridges, they are looking for additional funds, as they have requested that the substructure also be replaced on these bridges. We will keep the council informed as we move forward.

With regards to 117th Steet bridge, we received a new inspection report and load analysis from FDOT, and the weight restriction on the bridge has been increased. We have ordered the new weight restriction signs and will be installing them as soon as we receive them. The new restriction would not allow heavy garbage trucks to cross the small bridge, which will have an impact on the garbage collection for the 13 homes on the other side. We have discussed this with MGS, and their suggestion was to place a dumpster on the north side of the bridge and have the homeowners and vacation rentals bring their garbage to the dumpster, similar to the process they had in Duck Key. However, we believe that this places a burden on our residents, especially our older citizens. Instead, we propose having our staff that collect and empties the garbage receptacle at various locations throughout the city to collect the large containers currently being used once a week and bring them to the north side of

the bridge for collection by MGS. The containers would then be returned to the property later that day. This service will only be provided once a week, but we feel with the larger containers it will be sufficient. If any property needs the second day, they will need to get their container to the north side of the bridge.

- **Quay Restroom:** Construction is proceeding, and we did encounter some delays during the holidays due to scarcity of laborers returning to their country for the holidays. We expect to be complete with the restroom and close-out of the TDC grant by March 31.
- **Oceanfront Park Tiki:** The Tiki structure is beginning construction, and we anticipate the work to be completed by the end of February. Likewise, we are installing the pavers under the structure. Electric service, the City is installing outlets lights and fans. All work is estimated to be complete by March 1, and the TDC grant closed out shortly after.
- **Quay Property Re-Development:** We received the final plans for the upland area portion of the project and provided some minor comments to the consultant. We anticipate putting the project out to bid by mid-March.

The plans for the new boat ramp and other coastal improvements are submitted to both FDEP and the ACOE and are in process. We anticipate several months of review and responses for the issuance of the permits.

- **Sombrero Beach Information/Security:** The design for the new is underway, and we expect to have 60% plans for review within three weeks. We anticipate completed plans and bidding the project By May.
- **City Hall Modification:** The plans for the modification to City Hall have been placed out to bid. We expect to bring a resolution for Council approval at the March meeting. The work include modification to the Lobby area for security, creation of to new offices, and associated electric and HVAC work.

### Upcoming Projects:

- **Seven Mile Marina:** we are finalizing the contract documents and collaborating with the Pigeon Key Foundation to incorporate a grant they received that can be used for improvements to the building, thereby reducing the amount of out-of-pocket cost to the City. We are collaborating with their staff, and ours to complete the documentation so we can put the project out to bid.

We have full plans for the reconstruction of the docs and are ready to put this out to bid. The ACOE permit is approved by the Corp, however, they are waiting for response or comments from the Florida Keys National Marine Sanctuary, which has had the project for a while but has not responded. The FDEP permit is also ready

for issuance, pending the execution of the Bay Bottom Lease from the Florida Department of Land management.

- **Oceanfront Pickleball Courts:** The Engineering Department has completed the plans for the new Pickleball Courts at Oceanfront Park. Upon authorization and confirmation of funding, the plans will be put out to bid.
- **Community Park Maintenance Building:** Staff is preparing the site plan and bid package for the installation of a metal maintenance building at Community Park to house all the required facility maintenance equipment. The building will be located in the open area next to the tennis court and restroom.
- **Community Park Projects:** Staff is working on several projects for improvements to Community Park. The Bocci Ball courts will be re-installed at the location of the existing shuffleboard court. Work on the new batting cage will begin next week and completed before the end of February. The resurfacing of the Tennis and Basketball courts is nearly complete, pending some punch list items that need to be corrected.
- **Oceanfront Park Exercise Station:** City staff will begin the installation of the exercise equipment at Oceanfront Park by the end of February and will take about two weeks to complete.
- **Community Park Baseball Field Modification:** We have completed the modification to both baseball/softball fields to allow for the longer baselines accommodating the older kids. The infield was extended further back to accommodate the longer baseline. The fields are set up so that the base lines can be easily adjusted depending on the age of the users.
- **Marina Wall Modification:** Work to remove the bump-out at the marina office and construct a new wall section is expected to begin in mid-March.
- **Harbor Drive Shoulder:** Staff will be constructing a five-foot paved shoulder along Harbor Drive across the street from the boat ramp to address the erosion caused by ramp users on the shoulder. We expect it to be complete by mid-February.
- **Master Drainage Plan:** We are coordinating with one of our consultants for the update of the City's Master Drainage Plan, which was initially prepared when the City incorporated. We are pursuing a grant application to cover the cost of the plan update.

## General Public Works Issues and updates:

- **20<sup>th</sup> Street:** Upon the area being cleared of people by the sheriff's office, our Public Works staff spent three days cleaning the R/W from the bollards to the bridge. We removed 12 -20-yard roll-off dumpsters worth of trash during this clean-up.
- **Building Plan Review:** The Public Works & Engineering department has processed 57 permits reviews, and 76 inspections for projects requiring engineering review and inspections in the month of August.
- **Boat Ramp and Beach Parking:** The revenue collected from parking and user fees are as follows.

January Gross Income:	\$99,657.05
2024 Gross Income:	\$1,284,483.35
2024 Net Income:	\$1,216,871.07

- PW staff continue with the vegetation cutbacks throughout the City beginning with Grassy Key. We will continue to work from east to west throughout the City. Staff continue to improve the appearance of the medians and anticipate taking over all of the US 1 landscaping come July 1.
- The Public Works department has begun the maintenance of the park landscaping and other facilities maintenance. We have met with all personnel to ensure an efficient transition for the PW department responsibility of all facilities including janitorial services. The walls and other areas around the amphitheater have been painted, and staff have begun painting the wall at Sombrero Beach.