



CITY OF MARATHON
PUBLIC WORKS

9805 Overseas Highway, Marathon, Florida 33050
Phone: (305) 289-4109 Fax: (305) 289-4131

MEMORANDUM

DATE: August 12, 2025

TO: Honorable Mayor and City Councilmembers

FROM: Carlos A. Solis, P.E. Director of Public Works & Engineering
Paul Bartnk, Public Works Manager

THROUGH: George Garrett, City Manager

SUBJECT: Public Works Update

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

Capital Infrastructure Projects

- **117th Street, 116th Street & 112th Street Bridge Replacement:** The 60% plans have been submitted to FDOT for the 117th St bridge, and FDOT has provided their comments. Our consultant is responding accordingly. We are working with FDOT and our consultant to lower the amount of work required on Federally Funded Projects to deal with the Historic Preservation reporting requirements, which Little Venice is in the Federal Registry. As we are now required to replace the entire bridge, the area of impact as grown by a few feet, and triggers this work. The initial fees provided by our consultant were extremely high, in my opinion, especially since we are not impacting anything other than the bridge areas. We have made progress on this, but not to our satisfaction and are still working on a resolution we feel comfortable with in terms of cost.. We still expect to begin construction on the 117th St bridge in the spring of 2026, to follow with the 116 & 112th later than the summer of 2026.
- **Quay Property Re-Development:** The bidding on the park development was pulled back as we are working on some additional value engineering to reduce some cost on the project. We are generating the Landscape design in-house saving the City several thousands of dollars and better control the product being installed for both initial cost and maintenance. The permits to the ACOE and FDEP for the new boat ramp and restoration of the seawall and shoreline are still being reviewed. The agencies, in particularly the Florida Keys National Marine Sanctuary, have requested an updated benthic survey to re-establish the seagrass and coral in the area. The survey previously provided is less than two years old, and we do not feel we should spend another \$17,000 for a new one as very little, if anything, would change in two years.

- **Sombrero Beach Information/Security:** The project was re-bid, as there were no responses to our initial bid request, and the bids are due August 8th, to late to place on this agenda. We have personally reached out to several local contractors and have had good conversations and expect at least three bids to consider.
- **City Hall Modification:** The submittals for the materials, mostly the doors and bulletproof features, have been approved and procurement initiated. Work on the interior new office partitions should begin in the next few weeks.
- **Seven Mile Marina Docks:** We held our pre-construction meeting for the project, and the City building permit has been applied for. The NTP will be issued the day the permit is issued. The project has a 120 day substantial completion time with an additional 20 days to address any punch list items.
- **Seven Mile Marina Re-Development:** The bids for the re-development of the project is being let this month. The bid time will be a minimum of 30 days, and carefully evaluated by staff. As such we expect bring a recommendation of award for the project at the September meeting, and begin the work in October of this year.
- **92nd Street:** We have a resolution on this agenda to approve the design contract for the work. The survey work has been authorized, and work should be completed within the next two weeks. Design of the project will start soon after.
- **Community Park Skate Park:** The demolition is complete, and the permits for the skate park components and the infrastructure, two separate permits, are being reviewed by the City. We are proceeding to submit an access permit to FDOT to relocate the park access to better align with the new parking configuration. As part of the application, and traffic analysis is required, and we are reviewing the proposals. We are also working to modify the infrastructure plan to accommodate the Spash Pad and future restroom in the area to minimize the cost and disruption as we accommodate those projects.
- **Community Park Splash Pad:** We have a preliminary cost for the proposed splash pad that exceeded our budget and donation for the work. We are working with Aquatix, as they have successfully performed similar work for the City of Key West. We are looking at our options, including additional other funding to minimize the direct expense to the City.
- **Parks & Rec Maintenance Building:** The Purchase Order for the metal building is processed and the building is being placed into production. The PW/Engineering Department is coordinating with the different trades and performing functions allowed by the building department as part of our cost saving effort in the project. We are estimating about 40% savings from the budgeted amount with this process.

Upcoming Projects:

- **Sombrero Beach Road Bike Path Improvements:** Staff will begin the selection process for a consultant to prepare plans for the stormwater and bike path improvements at the curve on Sombrero Beach Road. The plan will raise the bike path and add an injection well for discharge of area runoff.
- **Oceanfront Pickleball Courts:** The plans for the courts are being completed by a consultant.
- **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:

- **Seawall Collapse 2nd Ave east of 114th St:** We recently had a concrete ledge collapse at the end of 2nd Ave where it meets the canal east of 114th Street. This was likely installed by the original developer or home owner when the adjacent home was build over 50 years ago. The adjacent home owner contacted the City to report it, and claimed that the collapse impacted and damaged his property. The City contracted with our Coastal Engineering Consultant to investigate the collapse, provide recommendation of repair, and an opinion as to any damages beyond the City's property(R/W). The report concluded that the collapse was caused by years of erosion along the shoreline, and that damage to the adjacent property is also likely caused by erosion on that site. The City has informed the owner of our finding and also noted that we are not responsible for any damage to his property and any repairs needed on his site would be their responsibility and not the City's. We are pursuing plans and permitting for the repair within the City's R/W. The proposed solution is to install sheet piles along the shoreline and backfill behind the sheet pile. A new concrete ledge will not be replaced in this area.
- **Building Plan Review:** The Public Works & Engineering department has processed 73 permits reviews for Engineering and Utilities, and 44 total inspections for projects requiring engineering and utilities review and inspections in the month of July.

- **US 1 – FDOT Maintenance Agreement:** The maintenance agreement for the U.S. 1 corridor has been fully executed. As of July 1, our team has assumed responsibility for maintaining the Right of Way.
- **Boat Ramp and Beach Parking:** The revenue collected from parking and user fees are as follows.

July Gross Income: \$130,918.65

2025 Gross Income YTD: \$870,943.70

- **Radar Speed Sign:** The portable sign is now being moved to different locations on, Aviation Blvd. The information gathered from Coco Plum Drive revealed certain times and days where we observed some excessive speeding, and this information is being provided to the Sheriff office for further enforcement.
- **Oceanfront Park Exercise Stations:** Public Works staff have completed the installation of the exercise stations.
- **Invasives Removal:** Public Works staff have begun to remove the invasives encroaching in the dunes at Sombrero Beach. We will be planting additional Sea Oats to fill in the gaps.
- **Sombrero Beach Shower Replacements:** Public Works staff have completed the replacement of all the showers. In total, 5-foot showers and 4 shower/foot shower combos were replaced.
- **Sunset Bay Park Grassy Key Kayak Dock Replacement:** Due to safety concerns, the kayak dock was recently closed for repairs. The existing dock had deteriorated over time, primarily from continuous exposure to unprotected north winds. After evaluating our options, we determined that full replacement was the most effective solution. The original dock has been replaced with an EZ Dock system, consistent with the system currently in use at the City Marina's dingy docks. The replacement was completed by staff from both Public Works and Parks and Rec, and the dock has now been reopened for public use. We are currently in the process of securing permits to install 3 additional pilings, which will provide enhanced structural support against north wind exposure.