



CITY OF MARATHON PUBLIC WORKS

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MEMORANDUM

DATE: January 10, 2023
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

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

Capital Infrastructure Projects

- **Marina & Station 14 Generators:** The generator for the marina is expected to be delivered in early to mid-January and should take another three weeks for final completion. The fire station generator is still on backorder, and we are looking at other alternatives to get it installed prior to the next hurricane season.
- **Bridge Repair Projects:** The replacement of the Coco Plum Bridge is complete, and the permanent striping will be laid within two weeks. We will process the final walk-thru during this time in anticipation of final acceptance. The repairs for the 116th, 112th, Yellowtail, Flamingo Isle and 25th Street bridges are ongoing, and we expect to have these completed before the end of January.

We have been awarded a grant for the replacement of the 117th Street Bridge, with the design phase to begin this FDOT fiscal year. We have the LAP agreement before the Council at this meeting for the design portion of the bridge. The construction phase is approved for the 2025 fiscal year, which begins July 1.

While we performed repairs to the 116th Street Bridge, the repairs only extended the life for a while. FDOT, is also funding the replacement of this bridge, which design is set for next fiscal year, and construction scheduled for the 2027 fiscal year.

- **33rd Street Repair:** We have awarded the contract to Marathon Seawalls and Docks for the concrete encasement of the pilings on the boat ramp pier. The concrete filled sleeves are proposed to strengthen the existing hollow concrete piles, which we have determined to break with minimal impact. The project is funded through the County Boaters Improvement Fund.
- **Parks and Recreation Office Expansion:** The expansion project is going out to bid this week. The project was previously bid on, but the bids were rejected as the project cost was over budget. The budget has been adjusted and will be re-bidden. We anticipate bringing a recommendation to award at the February council meeting.

Upcoming Projects:

- **33rd Street Re-Development:** The agreement for the transfer of the property is in progress. We have sent out a questionnaire developed by our consultant K2M to all potential users within the corridor to establish the needs of all involved. This information will be used to develop the corridor programming and preliminary plans for the project.
- **Seven Mile Marina:** The site work for the property is complete and ready for Pigeon Key Foundation to move onto the property utilizing a temporary trailer to service the tour to Pigeon Key until the building is renovated. We reviewed the 60% plans with our consultant and provided our comments. We are looking at having complete plans by February and putting the renovation project out to bid shortly thereafter.
- **Quay Property Redevelopment** We have to contracts on the agenda for the design of the property and facilities, and the reconstruction/repair of the seawall and shoreline to establish the property as an additional waterfront park for the city's residents and visitors. The project will consist of replacing the seawall as required, re-building the historic lighthouses, adding pavilions and areas to picnic, an area for food trucks, landscaping, a kayak dock, vehicular parking, and other features.
- **City Hall Office Renovation:** We have completed plans to modify the reception area at City Hall to create a more secure access for the personnel working in this area and create additional workspaces/offices in the building to accommodate future needs of the City. We expect to have this project plan complete

General Public Works Issues and update:

- **Sombrero Beach Road Swale:** We recently were awarded a grant from FDOT to improve the area around the curve along Sombrero Beach Road where the swales and bike path is frequently submerged. The project will consist of elevating the trail, installing an injection well, and re-shaping the swale. The funding is 4-5 years away. In the interim, Public Works staff will be removing some of the muck material from the swales and replacing it with sand and topped with gravel to better maintain the area until permanent improvements can be made.

Misc.

- **Building Plan Review:** The Public Works & Engineering department has processed 27 permits reviews, and over 65 inspections for projects requiring engineering review and inspections in the last month. We are still working with contractors to come into compliance with the required erosion control measures and stormwater criteria. In some cases, we've had to issue Stop Work Orders on projects to get certain projects to come into compliance. We will continue to educate the local designers and contractors on these issues as required under the City's MS 4 permit, and plan to offer a workshop in January accordingly.
- **Boat Ramp and Beach Parking:** The Pay Station for the beach and boat ramp parking fee collection are now scheduled to be delivered on January 20th. Public Works staff started on the construction of the pads supporting the stations. We expect to be charging for parking at the beach and usage of the boat ramps by the end of the month.

Stormwater Report:

The Utilities department is back on track for continuous inspection and cleaning of stormwater structures throughout the city. The storm that passed through at the end of May dumped quite a bit of rain in the area, with the usual low areas experiencing some flooding. Of particular interest was the Sombrero Blvd area. While the area still experiences road flooding during the event, which also coincided with a high tide and slight surge, unlike the past where water would stand for weeks, the area was dry within a couple of days after the event.

