



CITY OF MARATHON PUBLIC WORKS

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MEMORANDUM

DATE: June 13, 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 conduits and conductors are installed, and the construction of the generator pad has begun. The temporary generator the contractor is providing for the fire station is in route and will be set up and maintained at the site through the end of Hurricane season. The new generator is still set for delivery at the end of the year.
- **117th Street & 116th Street Bridge Replacement:** The ranking of the firms are approved, and we have completed the manhour estimate and submitted the same to FDOT for their review and approval. Upon concurrence from FDOT, we will begin the negotiations with the top ranked firm for the fees associated for the design and permitting of the bridges. Once we reach an agreement, we will bring the resolution to Council for approval of the contract.
- **112th Street Bridge:** The LAP agreement for the design services for the replacement of the 112th Street bridge is provided as a resolution item at this meeting. In the interim, we have completed the RFQ for the design services for the bridge replacement and submitted to FDOT for their review and approval. Upon concurrence from FDOT, we will place the Request for Qualification on the street for responses.

Upcoming Projects:

- **Seven Mile Marina:** The final plans are complete and being reviewed by staff for. Upon final review and completion of any revision, the project will be let out to bid. We have received comments from FDEP for the reconstruction of the piers, and our consultant is working on the response. We have placed a Request for Proposal (RFP) out for a Construction Manager At Risk out and once we select one or more firms, we will use this management system for the construction of the improvement in lieu of placing the project out to bid.
- **Quay Property Redevelopment** The report analyzing the condition of the existing seawall and shoreline is complete, and the result are better than we anticipated. While some repairs and rehabilitation is required, the majority of the wall and shoreline are still in acceptable condition, thus minimizing the cost of the re-development of the property. Our Coastal Consultant will proceed in implementing plans for these improvements and proceed with the required permitting for the same, including the kayak dock proposed at this location. Now that we have this portion of the work completed, our consultant for the development of the park is proceeding with the plans for the park development.
- **City Hall Office Renovation:** We are waiting for the final revisions resulting from our plan review for the office renovation, and will use the Construction Manager At Risk to implement the improvements. Once completed, we will add three office spaces, and provide a secured reception area in the front to ensure all employees have some level of protection, as currently our reception is in a potential vulnerable position. It will also allow us to re-open the front reception area to the public instead of ringing the bell outside and wait till someone lets them in.
- **City Hall Air Conditioning Replacement:** We have completed the scope of work and bid package for the replacement of the air conditioning system at City Hall. The system installed was sold as an efficient smart system, but the new technology is met with operational issues. First, local shops cannot work on this system, and while the system works good when its's working, any repairs have to come from a vendor in the mainland. Furthermore we have discovered that parts for this system are not always readily available, and often take several days to procure. Lastly, the system works as a total unit, meaning when something goes bad with the condensing units or computer system, the entire system shuts down. We are replacing the system with a standard type cooling system, with individual condensing units to air handlers, meaning if one unit fails, the remainder of the units in the facility will still be operating and keeping the building cool.

General Public Works Issues and update:

- **Building Plan Review:** The Public Works & Engineering department has processed 45 permits reviews, and 74 inspections for projects requiring engineering review and inspections in the last month.
- **Boat Ramp and Beach Parking:** The parking fee collection is settling in with minor issues being reported. The revenue collected from parking and user fees for the month of May was \$91,154 for the month of May, a slight increase from April. The report shows a slight drop in revenue from the beach, as expected as we visually observed fewer people in the month of May, but increased for the boat ramps.

Building permits are being issued for the electrical work associated with the camera at the boat ramps, and this work is proceeding. In the interim, Pave Mobility is providing manual enforcement and the City staff has supplemented this by having a presence at the ramps. As such, as of the printing of this report, they have issued 150 total citations with 143 citations at the beach and 7 at the boat ramps over Memorial Day weekend. The presence of City and enforcement personnel at the boat ramps greatly reduced the number of violators.

Attached is the Summary for the month of May for gross revenue.

- **Oceanfront Park:** Oceanfront Park is still being utilized by several State Law Enforcement agencies. The PW staff is continuing to work with this group to minimize the impact on park users. We have installed an apron of gravel prior to the vehicles entering the paved road to minimize the mud and dirt being tracked onto the pavement.
- **ADA Improvements:** Staff has begun to replace the ADA truncated dome required in all areas where pedestrian and vehicular uses meet. Several of the mats previously installed have come off or been ripped out. We are using a new product which consists of a paint epoxy that is embedded into the asphalt or concrete surface, and will not peel or rip off, thereby prolonging the life of these mats.
- **Public Works Staffing:** the department has been down two field employees, and we continue, with the assistance of the HR department, to address this shortfall. Unfortunately, we have not had much in the area of qualified applicants, and our crews are working diligently to pick up the slack.
- **FDOT LAP Certification:** The City's Local Agency Program (LAP) team went up to FDOT last month for our final interview in the LAP re-certification process, and were unanimously approved by FDOT personnel. Unlike previous certification processes, FDOT has now created a complex process requiring several certifications by team members, and a detail written procedure for the administration of any

project receiving FDOT funds. We currently have approximately \$5,000,000 in grant funding from FDOT over the next five years for the following projects:

- **Replacement of the 117th Street Bridge**
- **Replacement of the 116th Street Bridge**
- **Replacement of the 112th Street Bridge.**
- **Stormwater and bike trail improvements along the curve on Sombrero Beach Road.**
- **Path lighting along the Aviation Blvd. Multi-Use Trail.**
- **Planning services related to Citywide pedestrian and bicycle improvements.**

Stormwater Report:

We have again had a couple of intense rainfall events that impacted the Sombrero Blvd. area. While the street flooding is extremely frustrating to the local residents, we observed the the water was off the road within 24-36 hours. We were made aware that the contractor that prior to the FKAA turning the wells over to the City, a large amount of silt may have been allowed to enter the well at this location, and were not cleaned out. We are tin the process of having the well thoroughly cleaned out, and will monitor the well operation. We are also looking at the prospect of installing an additional well on the golf course side of the work. We are evaluating what the level of improvement achieved compared to the cost to determine if we should invest in an additional well.

The flooding on 92nd Street continues due to high tides inundating the road. We were ranked last in a recent grant application from several project countywide submitted, with the reasoning that the cost of the improvement was to great versus number of residents affected. We will continue to pursue funding options to get this road elevated for relief to the resident on this street.

Financial Overview

Active Filter:

Terminal ID	Location	Purchase Amount	Coin Balance	Avg Card Trans Amount	Purchase Count	Currency - Currency ID	Card Trans Amount
BOAT RAMP-1		\$14,040.00	0.00	38.57142857	364	USD	14040
BOAT RAMP-2		\$2,575.00	0.00	27.68817204	93	USD	2575
BOAT RAMP-3		\$9,430.00	0.00	40.2991453	234	USD	9430
SOMBRERO-1		\$6,072.00	0.00	9.730769231	624	USD	6072
SOMBRERO-2		\$13,305.00	0.00	9.568051576	1,392	USD	13357
SOMBRERO-3		\$20,499.00	0.00	9.546976744	2,147	USD	20526
SOMBRERO-4		\$14,699.00	0.00	9.843895931	1,494	USD	14756
SOMBRERO-5		\$10,534.00	0.00	10.66194332	988	USD	10534
		\$91,154.00			6021		91290

Collection Count	Card Trans Amount	Card Trans Count	Coin Amount	Coin Count	Company - Name
29	14040	364	0	0	Marathon (City of), FL
28	2575	93	0	0	Marathon (City of), FL
30	9430	234	0	0	Marathon (City of), FL
30	6072	624	0	0	Marathon (City of), FL
29	13357	1,396	0	0	Marathon (City of), FL
28	20526	2,150	0	0	Marathon (City of), FL
29	14756	1,499	0	0	Marathon (City of), FL
30	10534	988	0	0	Marathon (City of), FL