



CITY OF MARATHON PUBLIC WORKS

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MEMORANDUM

DATE: October 12, 2021

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 Office Modification and Improvement Project:** the temporary Marina office trailer is set up and in operation. We are expecting the building permit to be issued this week and contractor is ready to begin immediately afterward.
- **Marina & Station 14 Generators:** We are in the submittal review process for all components and equipment has been ordered. Work on the pad for the marina generator shall begin in the next few weeks.
- **Sombrero Area Stormwater Project:** We are waiting for delivery of fittings to address a conflict with the 8" water main on Sombrero Blvd. We have confirmed from the manufacturer that there is a backlog due to material shortage and the project should be completed within a few days after receipt of the fittings.
- **Sunset Park Grassy Key Kayak Launch and Oceanfront Park Repair Project:** The project is substantially complete and are working through the punch list items with the contractor. The new kayak launch should be open to the public later this month.
- **Bridge Repair Projects:** Bids for the bridge repair of the Coco Plum Bridge, 116th Street Bridge, and the 112th Street bridge were received today, and will be brought for council acceptance at the next council meeting. We have limited the Coco plum Bridge to one lane at the recommendation of FDOT, to limit the loading on the right side of the bridge until the repairs are made. This bridge will be the first to be addressed under the contract and should be completed by February. Once the repair work is complete, a new loading analysis will be performed, and all loading restrictions on the bridge should be lifted.

Upcoming Projects:

- **Restroom at Sunset Park & Quay Property:** Bids for the new restrooms are due October 18th, and the recommendation of ward for the restroom shall be presented to council at the next meeting. Work on the project should begin in December. The project is partially funded by a TDC grant.

General Public Works Issues And Update:

- **Street R/W Maintenance:** We are currently at about 80% staff capacity, while still at the peak of mowing season, and are slightly behind in our mowing operation. We hope to be caught up by the end of the month.
- **33rd Street Boat Ramp:** We are expecting to have the repair to the trench drain system completed before the end of the year. Most of the cost of the repair is funded by a County Boater Improvement Fund grant.

Misc.

- **MS 4 Permit Audit:** We received the response from our audit from FDEP and are working on addressing deficiencies in our permit monitoring requirements. The response was sent to FDEP this week, and some adjustments to our record keeping and reporting are being implemented.
- **Building Plan Review:** The Public Works & Engineering department has processed 41 permits reviews, and over 54 inspections for projects requiring engineering review and inspections.
- **K-Mart Shopping Bus Shelter:** A resolution is on this agenda to approve the easement agreement between the City and the owners of the Kmart Shopping Center to construct a Tiki style Buss Shelter partially encroaching onto the shopping center property. We expect to submit for building permits for the shelter within the next couple weeks and have the shelter in place hopefully before the end of the year.
- **Boat Ramp and Other Facilities Use and Parking Fees:** We are still working out the logistics for restricting the access to the 33rd Street and Harbor boat ramp to automatically collect fees for the use and parking at these facilities. In the meantime, we have put together some numbers with regards to the potential return from these fees. We are also addressing potential parking fees at Sombrero Beach for your consideration.

As a starting point for and consideration for fees at the boat ramps, we are considering a \$20 fee to use the ramp, in and out, and an additional \$20 fee to use the parking at the ramp for a total of

\$40 if you use the parking facilities and the ramp. City of Marathon residents can purchase a yearly pass for \$100.00/yr for unlimited use at all boat ramps. Based on this scenario, our estimate of yearly revenue from the boat ramps are as follows:

Quay Boat Ramp: An average usage of 30 boats per day is estimated. While some days will see significant higher use, some will also see less. The result is 10,950 drops per year. Of this amount, approximately 30% would also use the parking. Assuming from this number that 25% are local use.

Launch Fees	$10,950 \times 75\% = 8,212$ ramp use @ \$20 =	\$164,240	
Parking Fee	$8,212 \times 30\% = 2,464$ parking use @ \$20 =	\$49,280	
	Sub Total Quay		\$213,520

33rd Street boat Ramp: For the 33rd Street ramp, we are using an average of 22 boat per day, which equates to 8,030 uses per year. The percentage breakdown for use is the same as the Quay.

Launch Fees	$8,030 \times 75\% = 6,022$ ramp use @ \$20 =	\$120,450
Parking Fees	$6,022 \times 30\% = 1,807$ parking use @ \$20 =	\$36,140
	Sub Total 33rd Street	\$156,590

Local Usage fees: $2,000$ (estimate of locals buying pass) x \$100 = **\$20,000**

Total Boat Ramp Usage and Parking Fees **\$390,110**

Sombrero Beach: There are approximately 191 spaces at the beach, and fees for Sombrero Beach will be based on an average daily vehicle count of 130 vehicles per day for 47,450 vehicles per year. Of this number 20% will be assumed to be locals, which may request a parking pass at no cost. We will estimate a daily collection of \$20/vehicle. Based on these assumptions, the parking revenue are as follows:

$47,450 \times 80\% = 37,960$ @ \$20 = **\$759,000**

Potential Total Revenue **\$1,149,310**

During the next couple of months, we will work out the logistics for the 33rd Street ramp and Harbor Ramp, have an estimate cost for initial capital investment and operating cost to manage and enforce the parking at these facilities, and provide a schedule for implementation. We will also be providing information of the different system available and make recommendations accordingly. Upon discussion by council, we will work to confirm the applied fees for use of the facilities.