



CITY OF MARATHON PUBLIC WORKS

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MEMORANDUM

DATE: November 12, 2019

TO: Honorable Mayor and City Councilmembers

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

THROUGH: Chuck Lindsey, City Manager

SUBJECT: Public Works Update

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

Capital Infrastructure Projects

- **Community Park Office Renovation:** We has a local consultant re-design the foundation resulting in \$20K to \$30K savings. The project is ready for bid and will likely bring to council for award of the project in January
- **Aviation Blvd. Bike Trail:** The project is proceeding and on schedule. All demolition is complete and the conduit for the future decorative lighting installed. The contractor is beginning the base work for the new path.
- **Sombrero Beach:** Construction is near complete, and we expect to be complete with the improvements by the third week of November, except for the beach re-nourishment, and plan for a ribbon cutting ceremony by the end of the month.
- **Quay Boat Ramp and Property:** Plans for the repaving of the boat ramp and Quay property are complete. We will use a piggy back contract from the Aviation project to perform the similar type work in the boat ramp. The project will also include the addition of stormwater water quality improvements for the entire parking area. We will be presenting information for a parking meter system at the December meeting to meter the boat trailer parking at this location and the 33rd St boat ramp.
- **Community Park Baseball Fields:** Irrigation upgrades are complete and the contractor has mobilized for the re-sodding of the baseball fields. The project is slated to be complete by the beginning of December in anticipation of an upcoming softball tournament in January.

- **Marina Dingy Dock Project:** We have completed the dingy dock re-construction at the Marina, and is now open for the use of the marina patrons. The second marina project to re-construct portions of the other service dock and gangway is out to bid and we expect that project to be complete by April.
- **Canal 257 Restoration:** Plans are complete and the project was let to bid. A recommendation for award is being presented at this meeting. The project consist of replacing an old metal culvert with a concrete box culvert, removal of siltation, and opening up a berm at the end of the canal to allow flow for enhanced water quality.
- **Grassy Key Kayak Docks:** Plans and permitting are complete for the proposed kayak docks at Sunset Park in Grassy Key. The project will soon be put out to bid, and the project is expected to begin mid to late February, and take approximately two month to complete.
- **Oceanfront Park Dog Park:** The installation of the irrigation system has begun in the enclosed dog run, and the area will be re-sodded by the contractor installing the sod at the baseball fields, using the same type of celebration grass. The turf is a hardy grass and should hold up to the traffic, and irrigation system will maintain the grass healthy. The project is funded 100% by TDC funds. Restoration of the exercise station will be complete by years end, also funded by the TDC.

Hurricane Irma Assessment:

- **Street Signs:** We have ordered the first round of aluminum post to replace the older u-channel post providing a hardened sign assembly to better withstand future storms. FEMA approved the mitigation funding for the new post, however as with most FEMA funding, the City will bear the cost until the reimbursement is proved. New and missing signs will be installed once the new post are up. The installation will take several weeks as our public works staff will perform this work along with the normal other maintenance activities performed.
- **Sombrero Beach Road Lights:** After several trial and error in an effort to prove an alternative to the standard underground connection typically installed for street lights, we have come up with a plan and method to protect the underground connection from future corrosion due to saltwater. The project is out to bid, and will be brought to council to replace all underground connection, and replace the LED drivers in most of the light fixtures.

Misc:

- **Marathon High School Crossing Beacon:** Public Works crews replaced the high school crossing lights at a new locations. The controller for the old lights was unresponsive when the new school year started, and the new location reflects the recently completed improvements to the school access. The new lights are solar powered, and the entire assembly can be removed and stored if a major storm threatens the area.

- **ADA Accessibility:** Public Work staff has recently completed the construction of ADA accessible sidewalk at Jessie Hobbs Park and Rotary Park. The Jessie Hobbs sidewalk provides ADA access to the bleachers and basketball courts, and the Rotary Park sidewalk provides ADA access from the parking area to the dog park.
- **Marina Parking Area:** Public Works staff completed the restoration of the gravel parking lot at the marina. Prior to the spreading of gravel, all depression and pot holes were repaired.
- **FKAA Sombrero Beach Road/Blvd. Project:** Beginning in February, the FKAA will begin a project to replace the 12” water main on Sombrero Beach Road up to the high school, and the 8” water main on Sombrero Blvd. The water main is being installed in the lane of SBR, and there will be lane closures during the project. Upon completion, per our request, the entire southbound travel lane will be re-paved so as not to have a trench line in the road and leave a smooth surface for the entire lane. There will be no lane closures during the morning and afternoon school drop off and pick-up hours.