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BOROUGH OF MANASQUAN Engineering Status Report Through February 2018

A. ENGINEERING CAPITAL PROJECTS

1. Mallard Park Improvements

The Borough has accepted grants from the Monmouth County Open Space Grant program for various improvements to Mallard Park - Phase I & II and has applied for a Phase III grant. The scope of improvements includes drainage and field improvements to eliminate ponding problems, baseball field improvements such as fencing and bleachers, a pickleball court, and landscaping and passive improvements on Lot 21, Block 133. The Borough is receiving a Phase I Grant (\$151,000.00) and a Phase II Grant (\$39,000.00). The Borough will be receiving a Phase III Grant (\$100,000.00).

Status: A project re-start meeting was held with the County on July 31, 2017. The request to extend the Phase I to the Phase II deadline of June 15, 2018 will be approved by the County. A meeting with Stakeholders to confirm the project scope and schedule was held on November 8, 2017. We have submitted our proposal for the design and construction administration services for the entire project (all phases). On December 4th, we met with the Beach & Recreation Committee and reviewed the project.

2. WTP Lime Slurry System

This project is based on problems that DPW has had with the existing dry lime feed system & associated pH monitoring. The proposed new Liquid Lime Feed system, which went through pilot testing, should result in greatly improved operation & performance, and significantly less maintenance. The existing dry feed system requires significant maintenance, currently requiring complete disassembly for cleaning of piping and equipment on a weekly basis.

Status: Construction is substantially complete. The Contractor was at the site on January 24 and 25 to address programming and operational issues. The Borough continues to have operational issues which will be re-addressed by the Contractor and our office. In order to service equipment that is mounted on the top of the mixing tank an access hatch will need to be installed in the roof of building. We are obtaining pricing for this work as it will require a change order to the contract. A change order for the roof hatch is on the agenda for the March 5th council meeting.



3. **SFY 2016 NJEIT Clean Water/Drinking Water Projects – Infrastructure Protection and Stormwater Conveyance (Clean Water)**

The project includes reconstruction of bulkheads and marina at Perrine Blvd, Cedar Ave, Euclid Ave, and 4th Ave parking lot; reconstruction of Perrine Blvd; electric and water service at the marina; concrete curb and gutter work; stormwater conveyance measures along Perrine Blvd; and a pump station enclosure.

Status: The Contractor is J. E. Hannon, Inc. T/A Bird Construction and construction is complete. A punchlist of corrective work has been issued. A final Change Order has been approved by the Governing Body. The contractor has been addressing the punch list items. It was found that the pedestal lights had been vandalized which caused the operational problems.

4. **USDOT/NJDOT Safe Routes to School (SRTS) Grant Application Project**

A grant application was submitted in June 2014 to make various sidewalk, ADA, crosswalk, and drainage improvements along routes to school, including: sidewalk where none currently exists at the north side of Route 71; new ADA curb ramps and detectable warning surfaces along Church Street at Iroquois Road and Branin Avenue; replace sidewalk on the south side of Broad Street south of Woodland Avenue and from Woodland Avenue to the elementary school; replace sidewalk on the north side of Broad Street south of CR 524 Spur; replace ADA ramps along Broad Street at Beams Terrace, Woodland Avenue, and CR 524 Spur; replace existing transverse crosswalk markings with continental markings at 3 crosswalks on Broad Street at CR 524 and Woodland Avenue; replace sidewalk on the south side of CR 524 Spur from Osborn Avenue to Broad Street; replace ADA curb ramps and install detectable warning surfaces along CR 524 Spur at Osborn Avenue; and, drainage improvements at the north end of the elementary school on either side of Broad St., and at the terminus of CR 524 Spur at the east side of Broad St.

Status: The NJDOT SRTS Grant award amount is \$225,000. Parsons Brinkerhoff may be handling the design for this project. The Borough will be reimbursed for design through the Design Assistance Program. Parsons Brinkerhoff submitted a fee proposal in June 2016. We had the eligibility assessment meeting on June 20, 2017. We have requested that Parsons Brinkerhoff revise their proposal scope and fee to eliminate drainage improvements and related permitting fees. After we receive the revised proposal, we will update the construction cost estimate, submit the documents to NJDOT and request additional grant funds for the construction costs. The Mayor and this office met with the County on January 30 and discussed cost sharing for the construction of drainage improvements at the Atlantic/Broad intersection. This issue as well as the grant will be evaluated by the Mayor and the appropriate subcommittee.



5. **FY 2016 & FY 2017 NJDOT Municipal Aid – Stockton Lake Boulevard - Phases I & II**

Phase I limits extend from North Potter Avenue to North McClellan Avenue. The Phase II limits are from North McClellan Avenue to Minerva Avenue. The Borough received an award letter from NJDOT announcing that it has received a grant in the amount of \$220,000.00 for Stockton Lake Boulevard, Phase I, and \$235,000.00 for Phase II. The construction contract must be awarded by March 28, 2018.

Status: The design documents will be reviewed with the Construction and Engineering Committee on February 1 and will then be submitted to NJDOT for review and approval. A resident meeting was held on February 15. The design documents were submitted to NJDOT on February 16. The Borough has submitted a request to NJDOT to extend the contract award deadline which is March 28. If this request is denied, the project will be advertised March 17, bids will be received March 27 and the contract will be awarded March 27 or March 28.

B. GRANTS & FUNDING OPPORTUNITIES/APPLICATIONS

1. **FHWA/NJDOT Transportation Alternatives Program (TAP) Grant**

Our office prepared a grant application for streetscape improvements along E. Main Street from Route 71 to the train station and along Route 71 from Abe Voorhees Drive through the ACME parking lot.

Status: The Borough has received the award letter from NJDOT advising that the Borough will be receiving a \$1,000,000.00 grant for this project. The project must be authorized for implementation by August 12, 2019. The grant documents have been distributed for review by Borough officials. The Citizens Advisory Committee will discuss this project on March 15.

2. **2017 Monmouth County Open Space Grant**

The Grant Application was submitted for the Mallard Park – Phase III Project requesting \$138,000.00. The Borough will be receiving a grant in the amount of \$100,000.00.

3. **FY 2018 NJDOT Municipal Aid**

Applications for this program were submitted on October 6, 2017. Applications were submitted for East Main Street (from the railroad tracks east to the bridge) and Stockton Lake Boulevard Phase III (from Minerva Avenue to State Highway 71). The applications requested \$791,775.00 for East Main Street and \$385,480.00



for Stockton Lake Boulevard Phase III. The Borough will be receiving a \$350,000 grant for East Main Street. This project will be discussed at the construction and engineering committee meeting on March 1.

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