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MEMO

To: Members of the Council
From: Eric J. Earls, P.E. City Engineer
Date: October 3, 2017
Subject: Resolution – R-16-24

Pursuant to Resolution – R-16-24, the Engineering Division presents the following updates relevant to the City's on-going stormwater management:

1. Mapping – Mapping is almost complete in the northern and western portions of the City. All structures will be mapped by the end of 2018. Available documentation associated with the mapping project is available for public viewing at the Warwick Library, 600 Sandy Lane.
2. Dry-weather monitoring – The dry-weather monitoring period began on June 1 and will continue through October 31. The Engineering Division has been conducting monitoring as weather allows. The consultant has also been monitoring during the mapping in the northern area of the City.
3. Street Sweeping – This year's street sweeping program began the week of April 3rd. All streets have been swept at least once. Roads requiring sweeping twice annually, as identified by the RIDEM in the Consent Decree, have been swept twice.
4. Catch Basin Cleaning – The City's DPW has cleaned and inspected approximately one-third of the City's catch basins, in accordance with the RIDEM Consent Agreement.
5. Projects:
 - a. Suburban Parkway – Construction in progress. Funding for this project is from New England Interstate Water Pollution Control Commission (\$180,000). This project achieved "substantial completion" in June 2017. The City is working with several partners of developing a schedule and plan for additional aesthetic improvements along the corridor.
 - b. Dry well installation – Per the Consent Agreement, the City is required to install four deep sump catch basins on, two each on Almy Street and Liverpool Street. The DPW will complete this work in the Fall of 2017.

- c. Tuscatusket Brook – The Engineering Division has met with RIAC regarding installation of best management practices (BMPs) associated with this water body. We are discussing expanding existing easements to accommodate BMPs in areas where RIAC acquisitions overlap with the City’s drainage infrastructure.
 - d. Buckeye Brook –The City’s consultant, EA Engineering, Science, & Technology, Inc., PBC (EA), has completed field work and has submitted a draft report. We are now in discussion with the consultant about the best approach to continue to move the project forward and begin discussions with RIDEM regarding permitting.
 - e. Rocky Point – Impervious surface removal. The City has requested an extension from RIDEM regarding this item, which requires the removal of impervious surface area in the vicinity of the former swimming pool at Rocky Point. The item was scheduled to be completed in September 2017, but is better suited for a winter project due to the lower volume of people using the area during the winter.
6. Public Outreach - The City has awarded an RFP for public outreach. The Engineering Division recently met with the consultant, Northern Rhode Island Conservation District (NRICD) regarding a citywide approach to informing the public about general stormwater issues, as well as more specific concerns in identified areas, i.e. bacteria at Oakland Beach, nutrients at Warwick Pond, etc. The Engineering Division met with the Consultant, These bids will be received within the month.

Please feel free to contact me with any questions.

cc: Richard Crenca, DPW –Director
Bruce Keiser, Mayor’s Office/Chief of Staff