STORMWATER MANAGEMENT COMMISSION
MEMORANDUM

January 11, 2019

To: Stormwater Management Commission
From: Mike Warner, Director
RE: Grandwood Park Park District (GPPD) – Grandwood Lake Dam Rehabilitation

ACTION REQUESTED: Intergovernmental Agreement Modification - Construction Price Increase

SMC previously approved the use of $157,000 in FY18 CCIP funds for this project. Since construction began, several unknown issues have arisen, and an SMC cost share increase of 10% to assist in covering contingency items is requested. Items that have increased cost, include unusable soil conditions for structural backfill and additional tree removal. The additional funding requested would be shifted from a scaled down SMC cost share effort within the Slocum Drainage District project on Fiddle Creek. The Fiddle Creek funding is not currently encumbered through an IGA, and staff is expecting that the Fiddle Creek costs share amount will ultimately come in at less than expected costs to us. The attached IGA reflects the requested 10% increase of $15,700 to a new not-to-exceed amount of $172,700.

As part of the Mill Creek Watershed 'Plan' process, the site-specific action plan calls out the Grandwood Park Lake Dam restoration as a Critical Area Action with 'High Priority'. The Grandwood Park Lake Dam was studied and determined that a replacement spillway would mitigate shoreline erosion in proximity to the spillway and emergency overflow path, and with an enhanced energy dissipation design, will greatly reduce downstream channel erosion, which is currently resulting in large areas of bank failure and loss of private properties. Flood damage areas documented in the Plan, will also mitigated by implementing the improvement and reducing flood heights caused by the current spillway restriction and frequent blockage. Hardening of the dam structure will also provide a higher level of protection for infrastructure within the County and in the floodway (road, sewer and water). This also will lessen the need for emergency services at this location during a flood.

Please let me know of any questions or comments. Thank you.