Legislation Details (With Text)

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File created:	2/4/2019		**In control:**	City Commission Workshop
On agenda:	3/4/2019		**Final action:**	3/4/2019
Title:	Big Slough Flood Reduction Study and Stormwater Management Plan			
Sponsors:				
Indexes:				
Code sections:				
Attachments:	1. Stormwater Management Plan, February 2019, 2. Appendix A - Big Slough Flood Reduction Study - Project Plan, 3. Appendix B - Floodplain Justification Report, 4. Appendix C - Big Slough Watershed (K883) Best Management Practice Analysis Final Report, 5. Appendix D - Task 1.1.3 Summary of Prior BMP Evaluations, 6. Appendix E - Task 1.2 Definition of Existing Flooding Problems, 7. Appendix F - Task 1.4 Potential Solutions for Hydraulic Evaluation, 8. Appendix G - Tasks 1.5 and 2.3 Evaluate Performance of Selected Set of Alternatives, 9. Appendix H - Tasks 1.6 and 2.4 Refine and Summarize Preferred Plan(s) for Improvement, 10. Appendix I - SWFWMD Preapplication Meeting Notes, 11. Appendix J - Presentation to the North Port City Commission, December 2018, 12. Checklist, 13. Conceptual Plans, 14. PowerPoint Presentation			

Date	Ver.	Action By	Action	Result
3/4/2019	1	City Commission Workshop	consensus	
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TO: Honorable Mayor & Members of the North Port Commission

FROM: Peter D. Lear, CPA, CGMA, City Manager

TITLE: Big Slough Flood Reduction Study and Stormwater Management Plan

Recommended Action

Discussion and direction regarding the Big Slough Flood Reduction Study and Stormwater Management Plan.

Background Information

During the Special City Commission Meeting held on December 6, 2018, Mr. David DeLoach, DeLoach Engineering Science, PLLC (DES), Consultant provided a presentation of the Big Slough Flood Reduction Study and Stormwater Management Plan. The Stormwater Management Plan has the following phased components:

- Widen and deepen the existing retention ditch/conveyance system and upsizing road crossing culverts in the Dorothy Avenue area.

- Construction of a new bypass canal parallel to the Myakkahatchee Creek within a portion of the City's Tier I lots that are located north of Price Boulevard.

- Increasing the conveyance capacity through widening and upsizing pipe culverts in the R-36 retention

ditch/conveyance system that runs along the northern and western boundaries of the City.

- Restriction/reduction of high flow into Myakkahatchee Creek near the north City Boundary.

At the end of the meeting, the Commission approved the recommended flood reduction plan with phased components, however, not to proceed with the bypass relief canal without extensive historical and archaeological environmental research done first.

The Big Slough Flood Reduction Study and proposed Stormwater Management Plan including associated costs, timeline, checklist, project narrative, conceptual plans and staff recommendations have been prepared for review and consideration by the Commission.

Strategic Plan

Infrastructure

Financial Impact

Not applicable.

Procurement

Not applicable.

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12. Check List
13. Conceptual Plans
14. PowerPoint Presentation

Prepared by: Elizabeth Wong, P.E., Stormwater Manager

Department Director: Juliana B. Bellia