

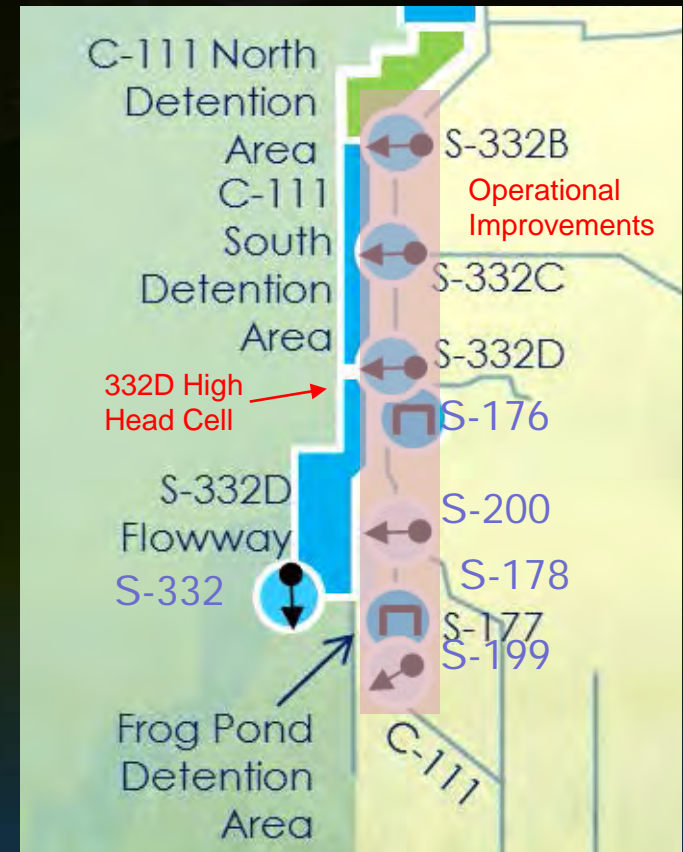


South Dade Study Update

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Governing Board Outcomes (2/11/16)

- SFWMD Governing Board instructed staff to implement components identified in the South Dade study
- Staff would like to thank the Governing Board for providing direction and guidance that enabled completion of the South Dade study. We have high expectations for the successful implementation of these projects under your continued support



Initial Actions in Response to Board Direction

- Immediately implemented updated and robust operating guidance within existing water control plan authority
 - Operate the S-332B, S-332C and S-332D pumps at the lower end of their current operating range
 - Operate the water control structures S-176 and S-177 based on rainfall event criteria
 - High Water emergency action in response to above average rainfall and wet system conditions includes lowering of water control levels in the South Dade Conveyance System informed by the South Dade study



Ongoing Actions Being Pursued

- Staff is pursuing further modifications to water control plans for pump stations and water control structures:
 - Revised operation plans for S-199 and S-200 pump stations have been prepared and submitted to the FDEP for review and approval. If approved, this will be followed by a notification to the US Army Corps of Engineers Regulatory Division of the revised operation plans.
 - Revised operating criteria or deviations will be sought for the S-332B, S-332C and S-332D Pump Stations, S-176 and S-177 structures in coordination with the US Army Corps of Engineers Planning and Regulatory Divisions.

Ongoing Actions Being Pursued (Continued)

- Staff has initiated a more detailed assessment of the hydraulic conveyance in the vicinity of Taylor Slough headwaters.
- Additional analysis needed to identify viable infrastructure options
- Analysis will examine water movement during both wetter and drier conditions



Future Structural Modifications

- Structural elements of the South Dade study require planning, design and permitting to be implemented. Regular updates on progress will be provided to the Board.



- Removing a portion of the S-327 weir (pictured) in the S-332D High Head Cell is in a recent Environmental Assessment (EA) completed by the US Army Corps of Engineers.
- Upon regulatory approval of final project designs, construction activities for this feature will begin.



Discussion