

Thousand Oaks/Trinity Oaks Problem Solving Task Force

April 14, 2014

Agenda

- Welcome
- Recap of Previous Meeting and Activities
- BMP No. 6A Interim Solution
- Maintenance Activities
- BMP 1A, 5A and Mitigation Area
- Next Meeting

DEVELOPMENTS INVOLVED



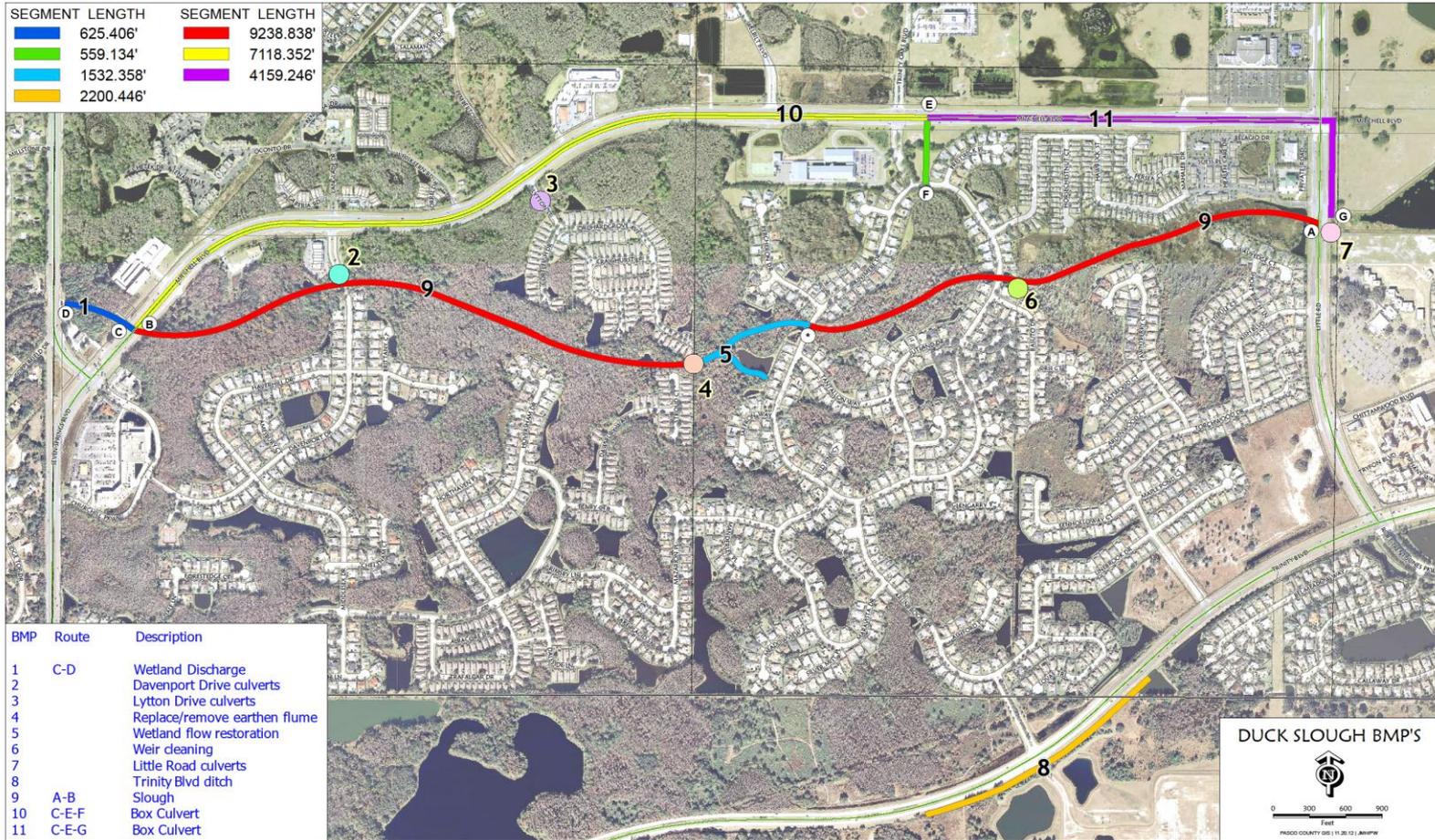
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Feet

SUBDIVISIONS

- Chelsea Place
- The Villages at Fox Hollow
- Thousand Oaks
- Thousand Oaks East
- Trinity Oaks
- Trinity Oaks South
- Wyndtree

Fluor County, Florida
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Trinity Oaks
THOUSAND OAKS
Date: 10/20/12
Title: 10/20/12

Conceptual BMPs



BMP 6A INTERIM SOLUTION

Lowering the Normal Water Level of the Wetland
Upstream of East Kinsmere



The goal is to lower normal water level in the upstream wetland by one foot, while not adversely affecting downstream properties. A flashboard riser is proposed to be an operable bypass to the existing weir, at a lower elevation.

BMP 6A DESIGN

Operation of the Flashboard Riser



After storm events, or during other high water conditions, the flashboards are removed to assist in drawing down the water elevation in the wetland. During storm events the flashboards are in place to prevent flow through the structure and provide additional storage in the wetland.

THOUSAND OAKS / TRINITY OAKS DRAINAGE IMPROVEMENTS BMP 1A and 5A

- FUNDING – SWFWMD Cooperative Funding Agreement
- PROJECT OBJECTIVES:
 - Improve Duck Slough Conveyance
 - Implement Best Management Practices (BMP's)
 - Improve Pond Recovery
 - Mitigate for Wetland Impacts
- PROJECT SECTIONS:
 - Five Mile Creek – Scheda, Civil Site, URS
 - BMP#1A – Atkins, Cone & Graham, URS
 - BMP#5A – FDC, Civil Site, URS

THOUSAND OAKS / TRINITY OAKS DRAINAGE IMPROVEMENTS

FIVE-MILE CREEK MITIGATION

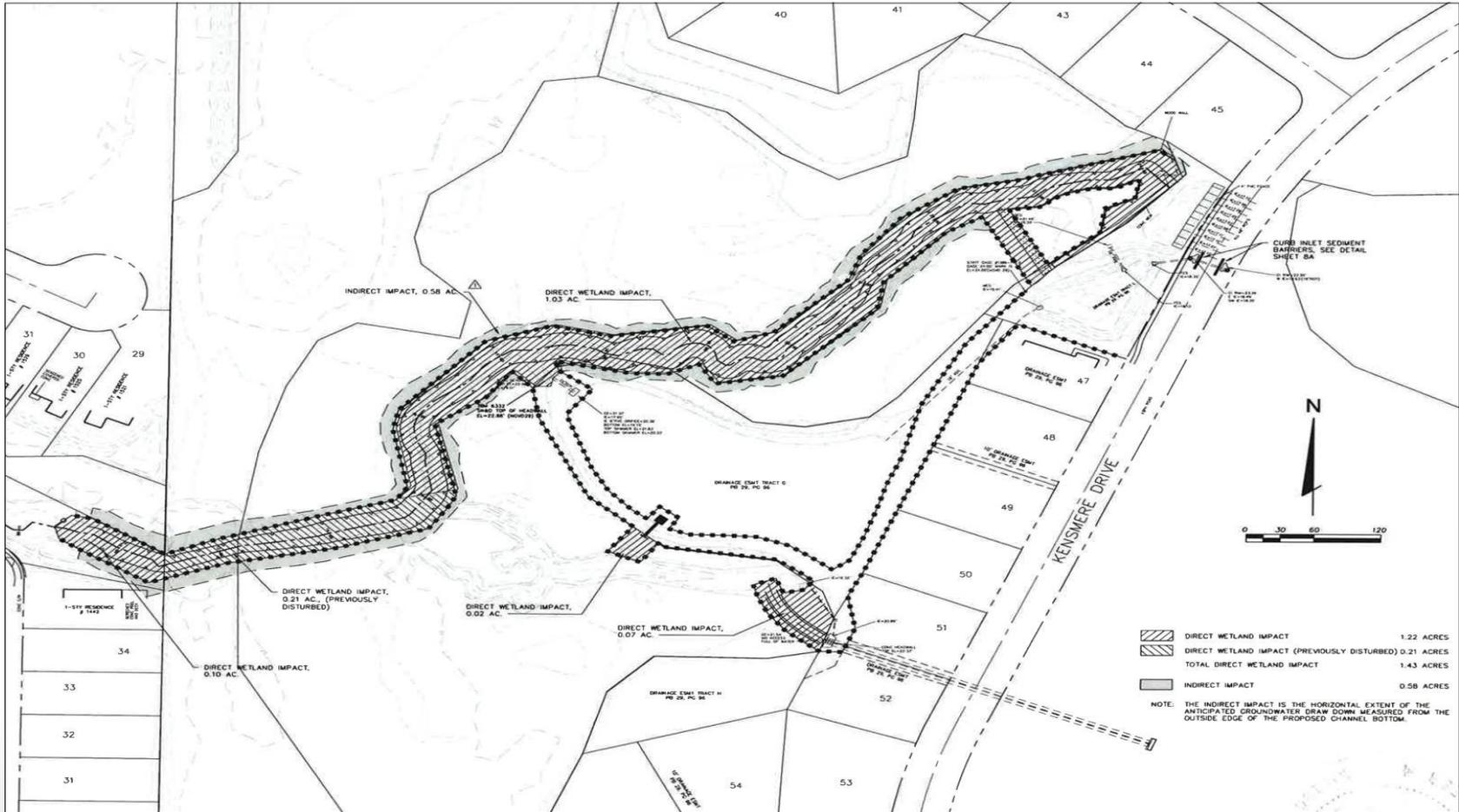
- ACCESS – Through Litsau Lane, Asbel Road or Lost Mill Drive.
- WORK DESCRIPTION – Clear and Grub, Excavate and Grade, Plant and Restore the Project area.
- SCHEDULE – Work start upon approval of submittals. Estimate 2 – 3 weeks for completion.

THOUSAND OAKS / TRINITY OAKS DRAINAGE IMPROVEMENTS

BMP#1A

- **PURPOSE** – Designed to drawdown water levels in anticipation of large rain events and provide additional storage of floodwaters in upstream wetlands.
- **STAGING & ACCESS** – Within and through a Drainage Easement from Duck Slough Properties, Inc.
- **SCHEDULE** – NTP on 4/7/14, Construction start 5/1/14, Construction complete 7/15/14.

BMP#5A



THOUSAND OAKS / TRINITY OAKS DRAINAGE IMPROVEMENTS

BMP#5A

- **PURPOSE** – Improve conveyance out of the existing pond and through the downstream wetland.
- **STAGING** – Within Drainage Easement Tract “L”.
- **ACCESS** – Through a 25-foot Temporary Construction Access.
- **WORK DESCRIPTION** – Dredge channel, Install erosion control blanket, Plant channel and Restore Area.

LITTLE ROAD



BMP#5A



BMP#1A



THOUSAND OAKS / TRINITY OAKS DRAINAGE IMPROVEMENTS



QUESTIONS / COMMENTS

Next Meeting

- June 9, 2014 or
July 14, 2014