

NORTH BROOK



August 14, 2008



DISCUSSION POINTS

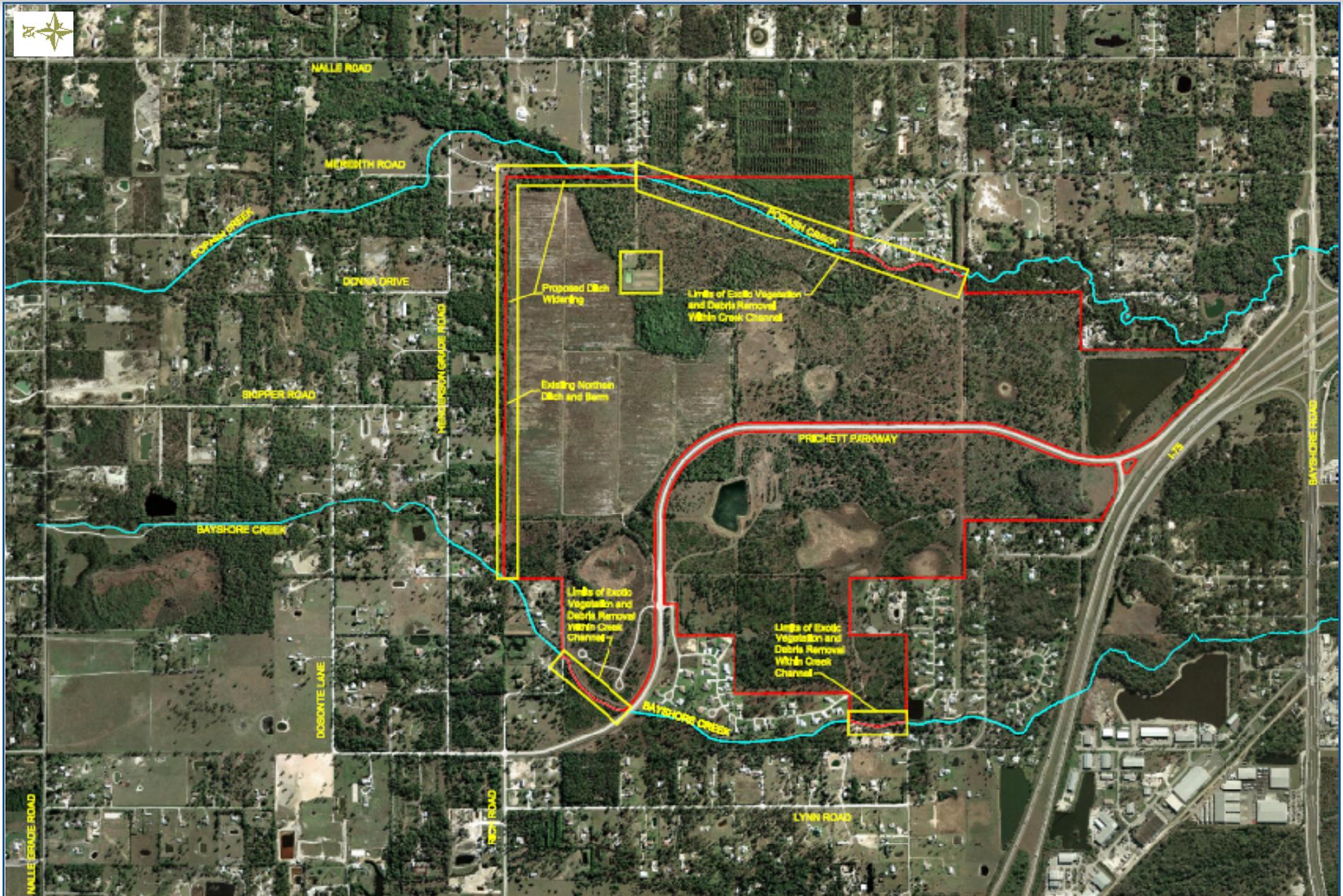
1. Project Overview

2. Environmental

3. Water Quality

4. Stormwater

Project Vicinity

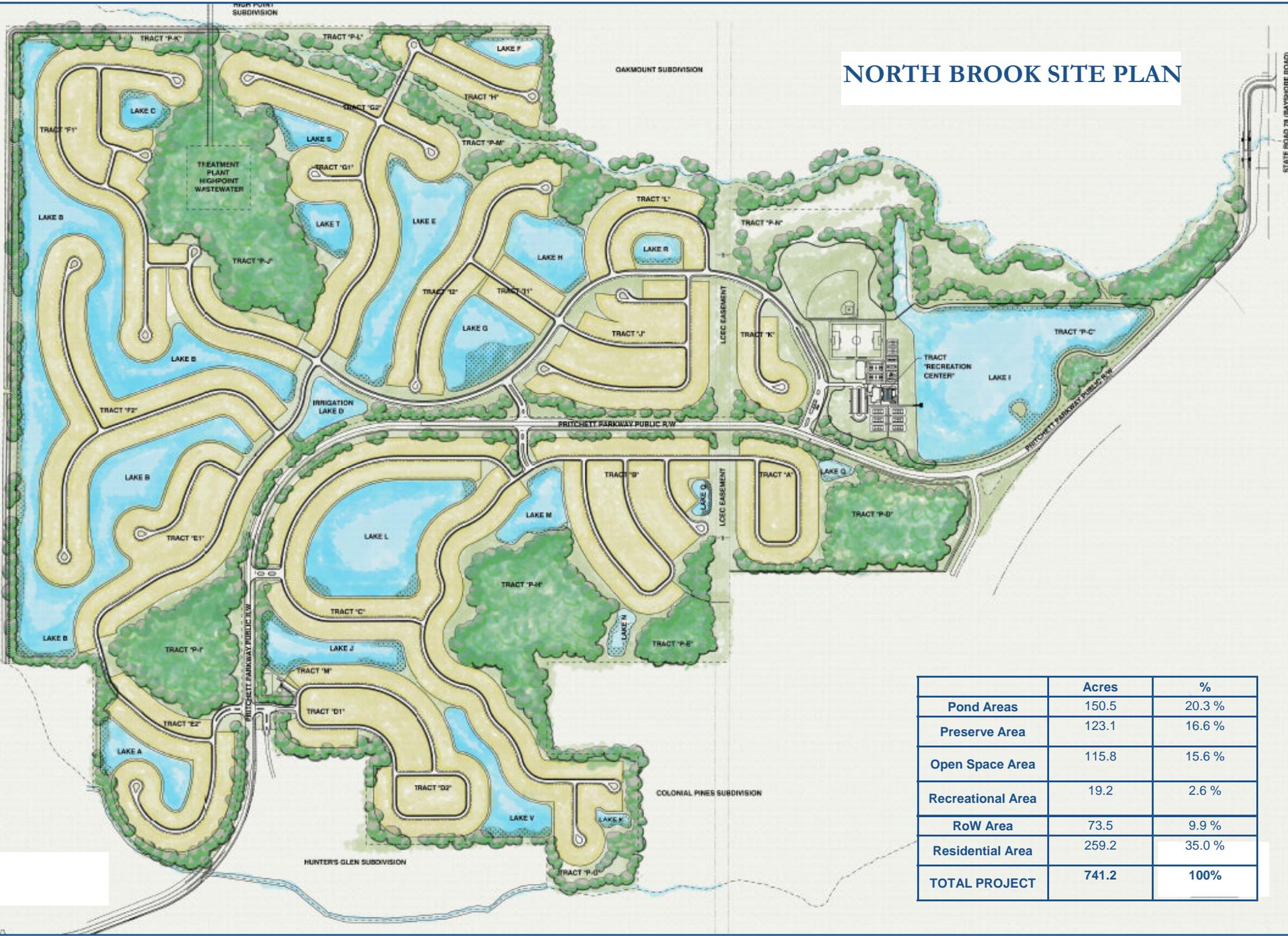




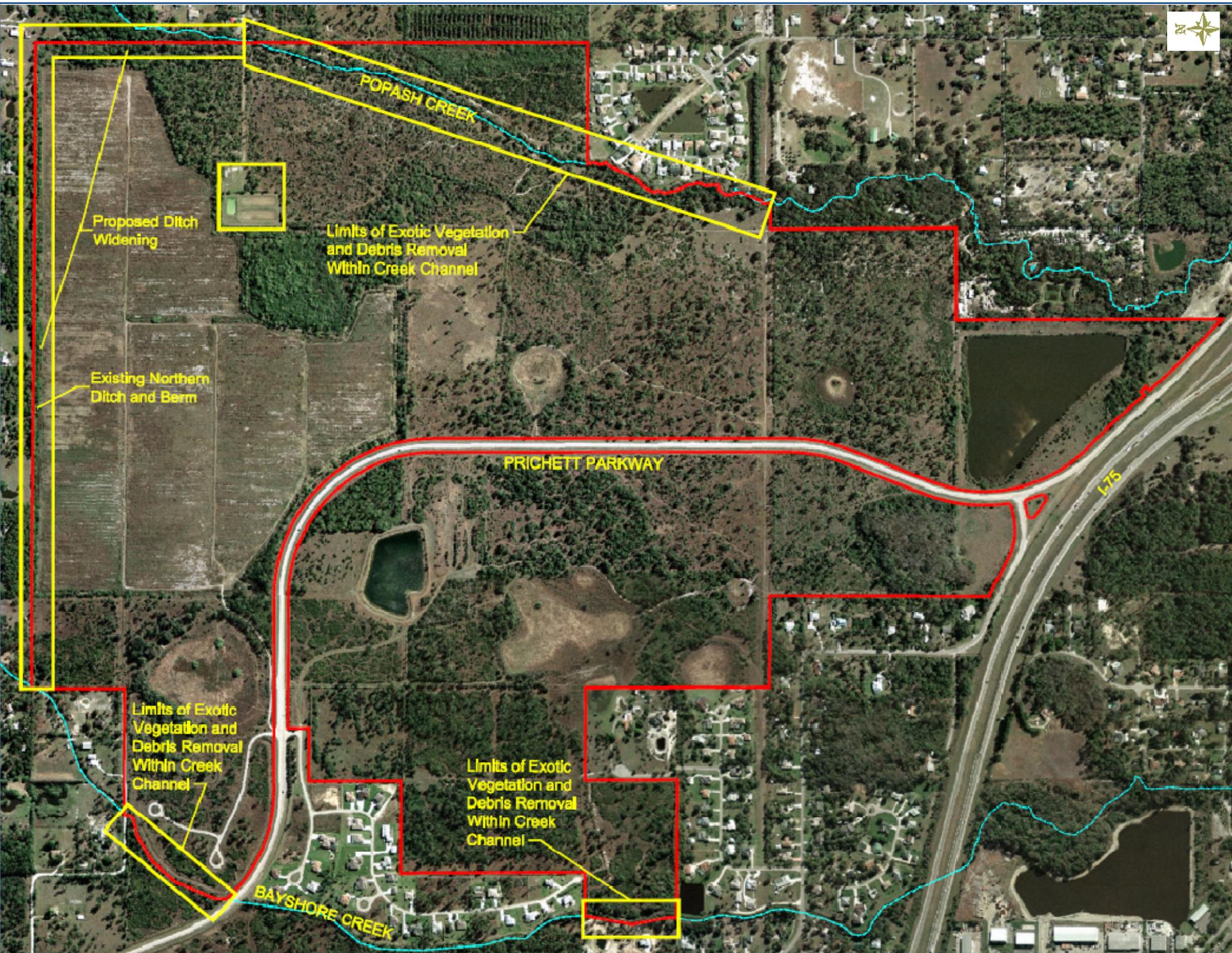
Project Land Use Summary

	Acres	%
Pond Areas	150.5	20.3 %
Preserve Area	123.1	16.6 %
Open Space Area	115.8	15.6 %
Recreational Area	19.2	2.6 %
RoW Area	73.5	9.9 %
Residential Area	259.2	35.0 %
TOTAL PROJECT	741.2	100%

NORTH BROOK SITE PLAN



	Acres	%
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POPASH CREEK

Proposed Ditch Widening

Limits of Exotic Vegetation and Debris Removal Within Creek Channel

Existing Northern Ditch and Berm

PRICHETT PARKWAY

175

Limits of Exotic Vegetation and Debris Removal Within Creek Channel

Limits of Exotic Vegetation and Debris Removal Within Creek Channel

BAYSHORE CREEK

Stakeholders

North Brook

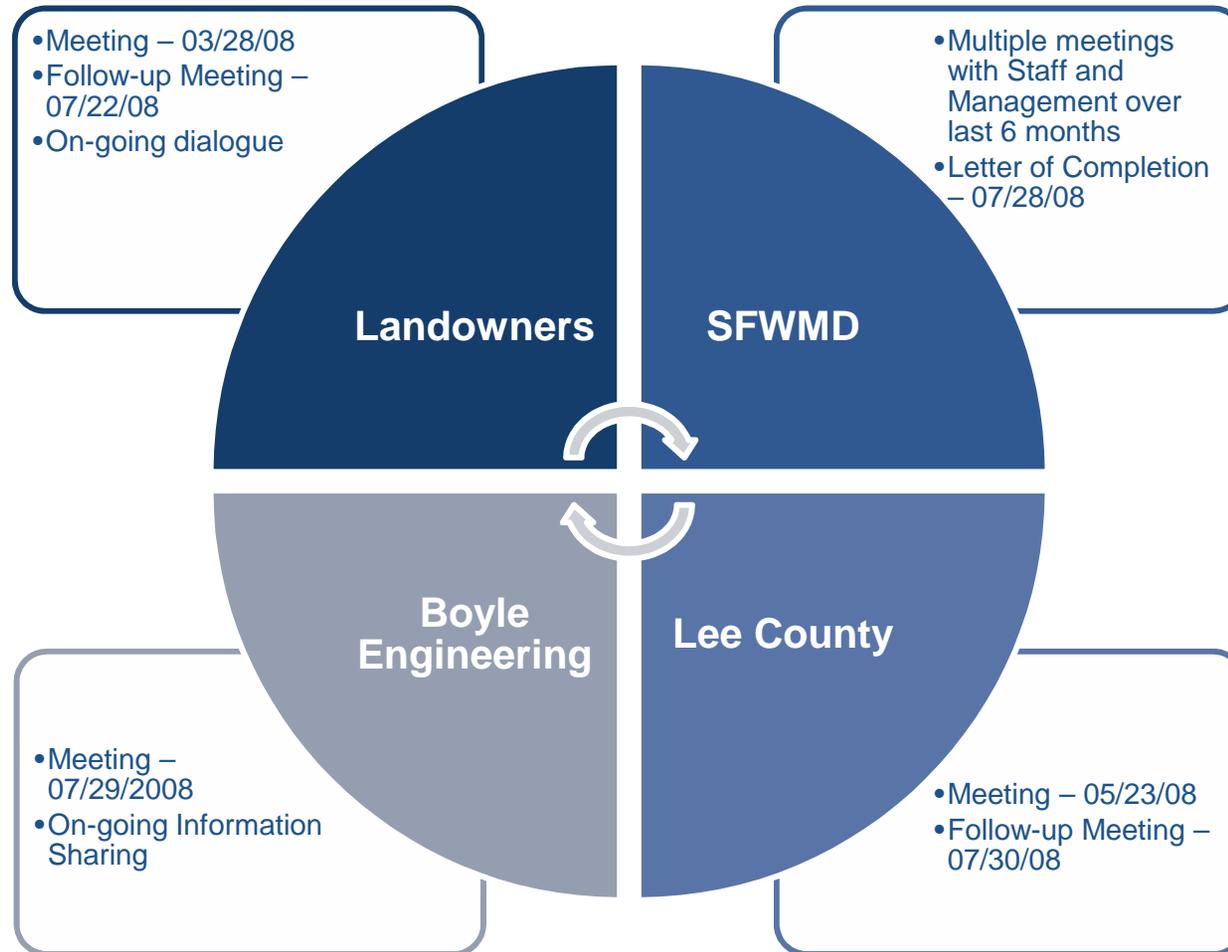
Lee
County

SFWMD

Landowners

Metro

Project Coordination





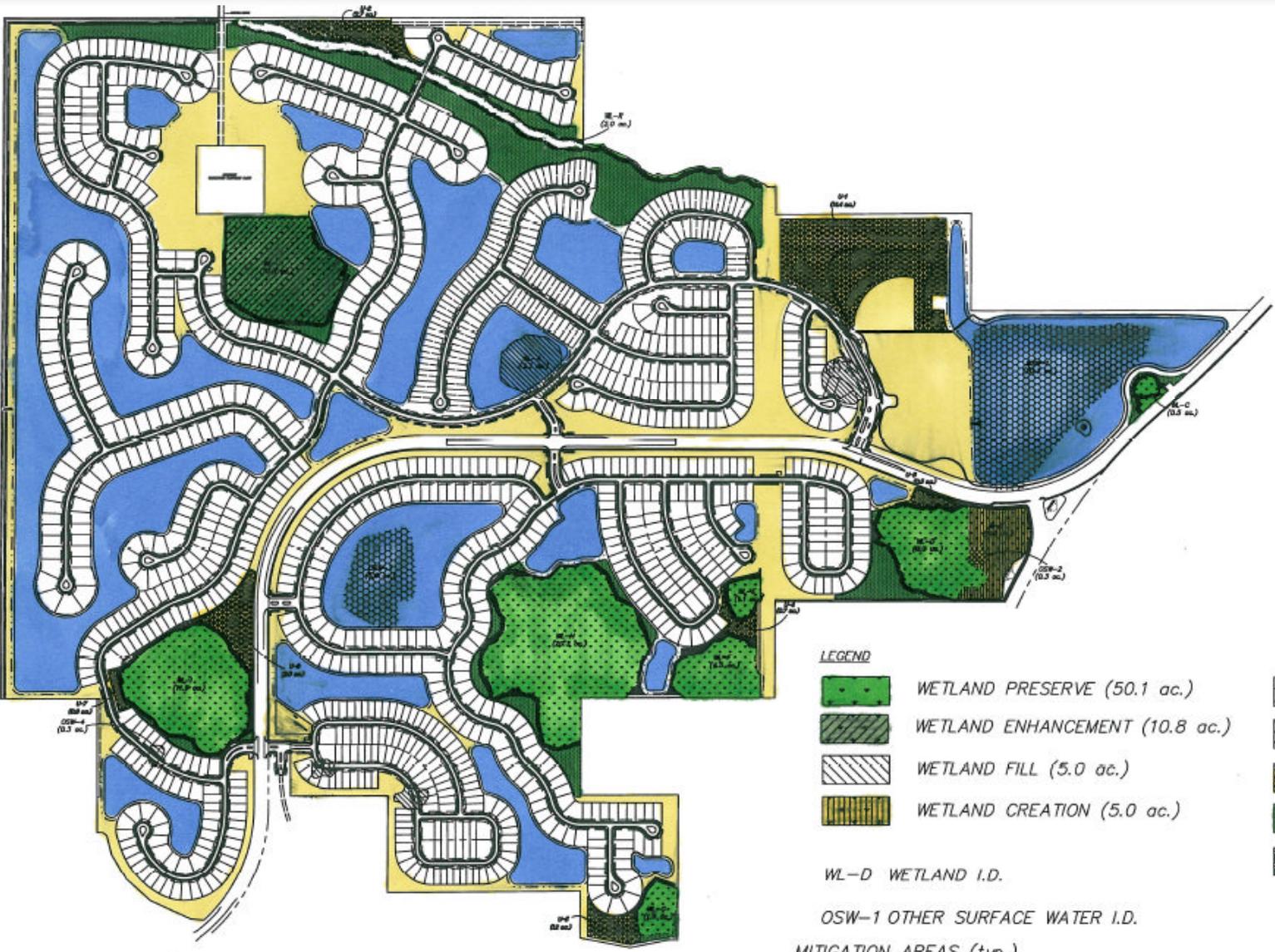
ENVIRONMENTAL

Wetlands Preserve and
Impacts Plan

Mitigation, Maintenance
and Monitoring

Protected Species
Assessment

Wetland Preserve and Impacts



LEGEND

- WETLAND PRESERVE (50.1 ac.)
- WETLAND ENHANCEMENT (10.8 ac.)
- WETLAND FILL (5.0 ac.)
- WETLAND CREATION (5.0 ac.)
- OSW EXCAVATE/ENLARGE (26.1 ac.)
- OSW FILL (0.6 ac.)
- UPLAND COMPENSATION (22.1 ac.)
- EXPANDED UPLAND BUFFER (10.2 ac.)
- UPLAND BUFFER (24.6 ac.)

WL-D WETLAND I.D.
 OSW-1 OTHER SURFACE WATER I.D.
 MITIGATION AREAS (tvd.)

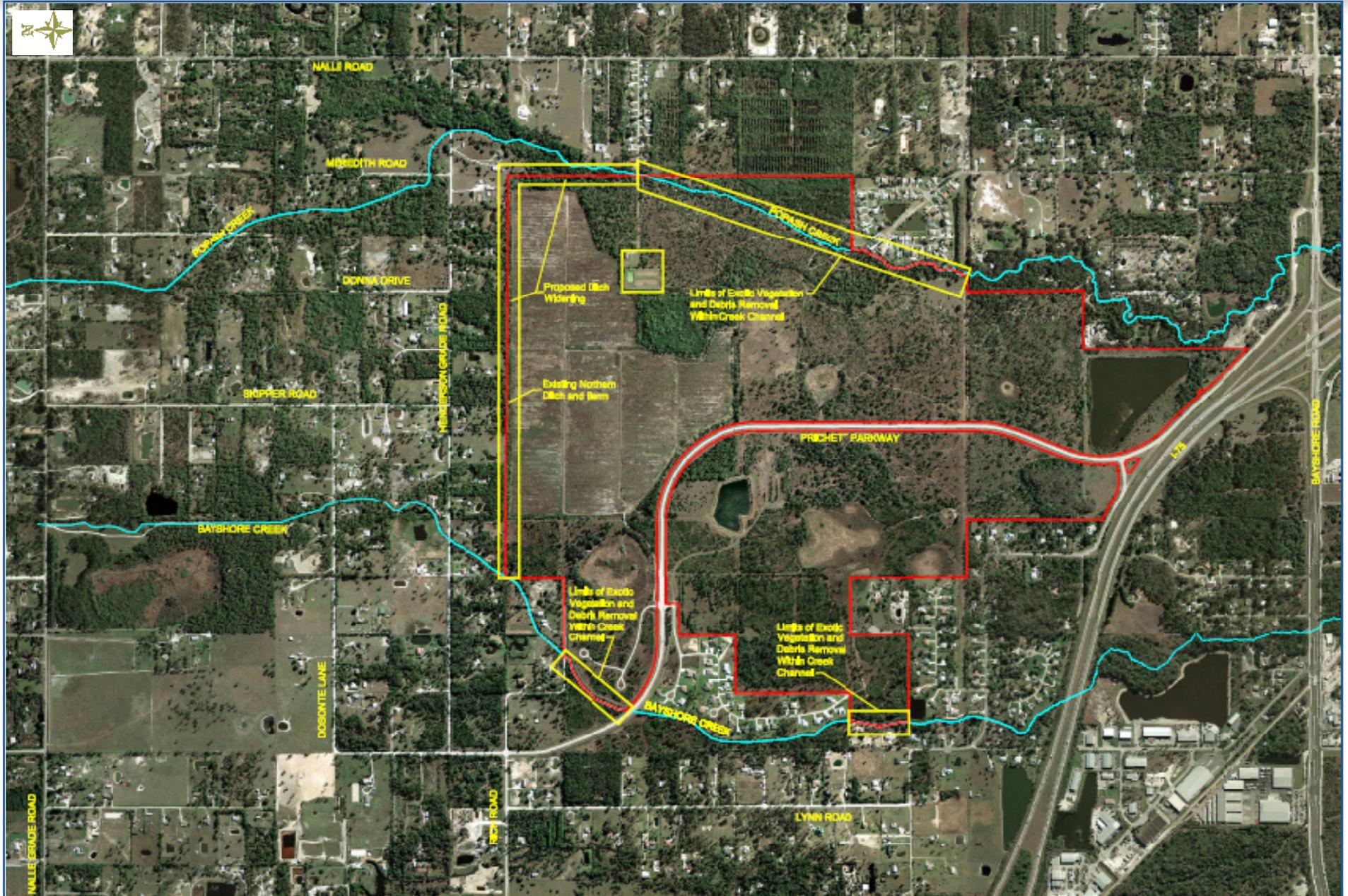
Downstream Receiving Body is the Caloosahatchee River

- Caloosahatchee River is a Sensitive Receiving Body
- Site has been designed to provide an Additional 50% Water Quality
- Post Development Nitrate and Phosphate concentrations are reduced from Pre Development levels

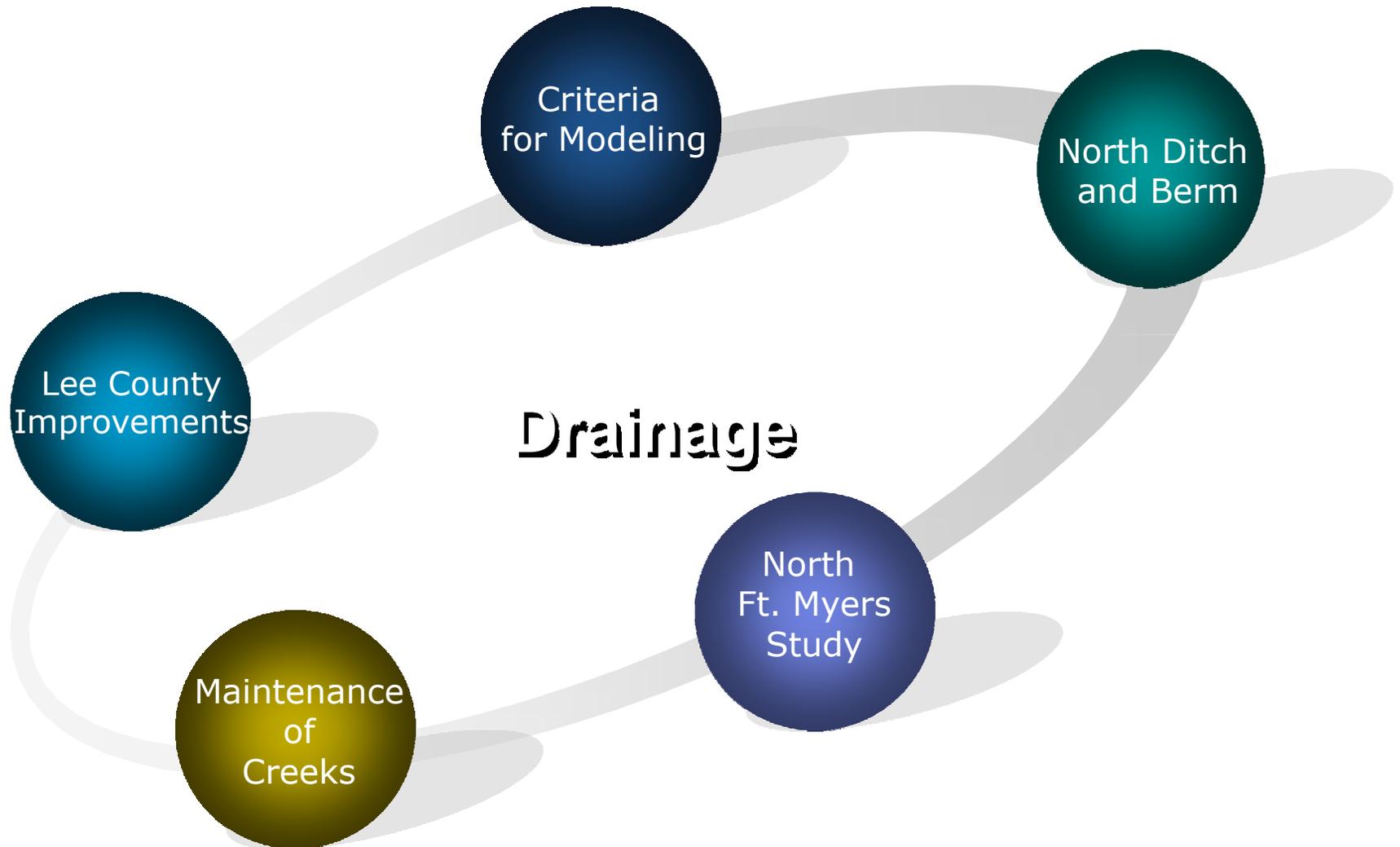
Best Management Practices

- Urban Stormwater Management Plan
- Management Plan has been incorporated into the Homeowner's Association Documents
- Construction Specifications include Erosion Control Measures

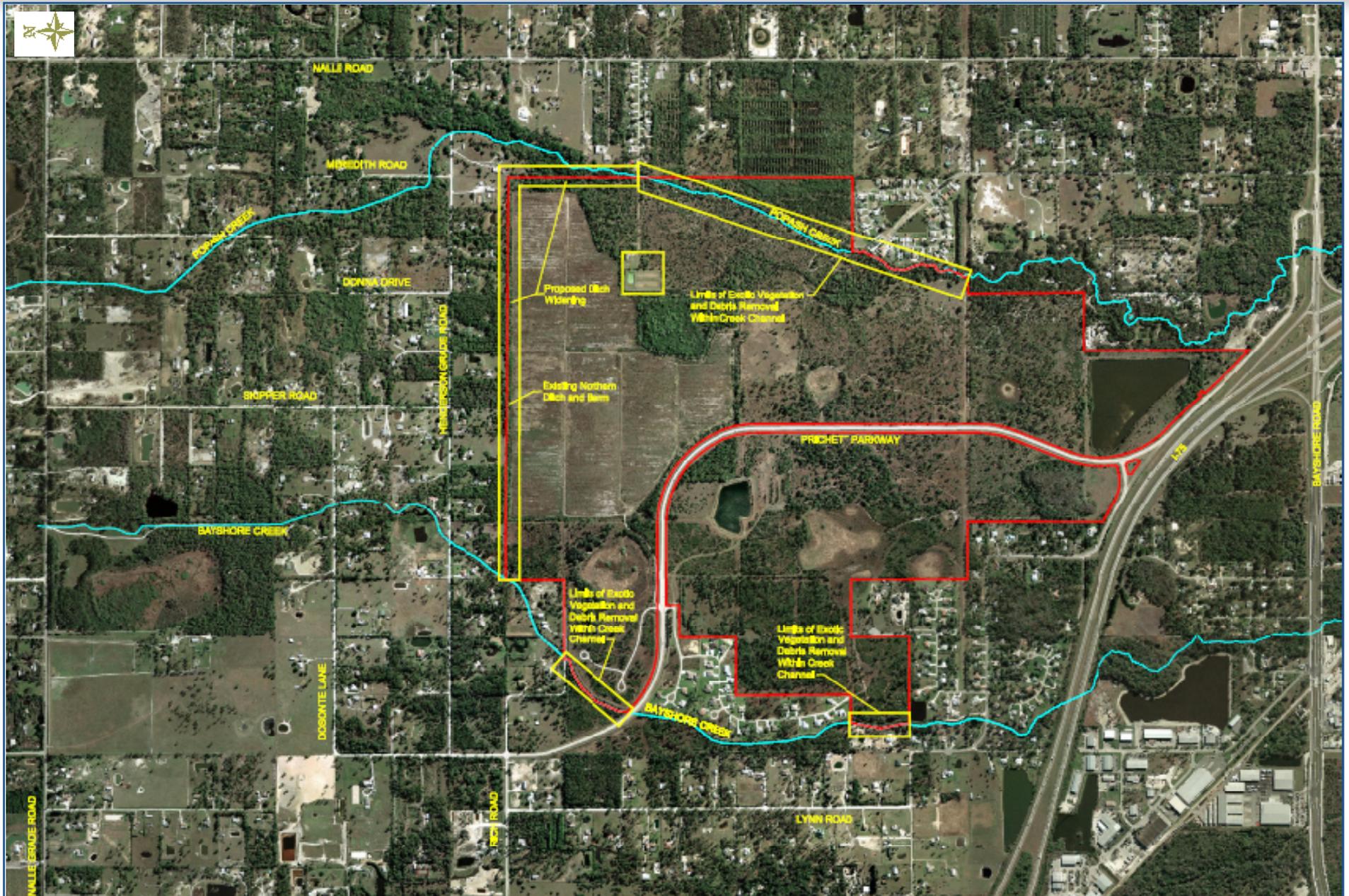
STORMWATER



Key Issues

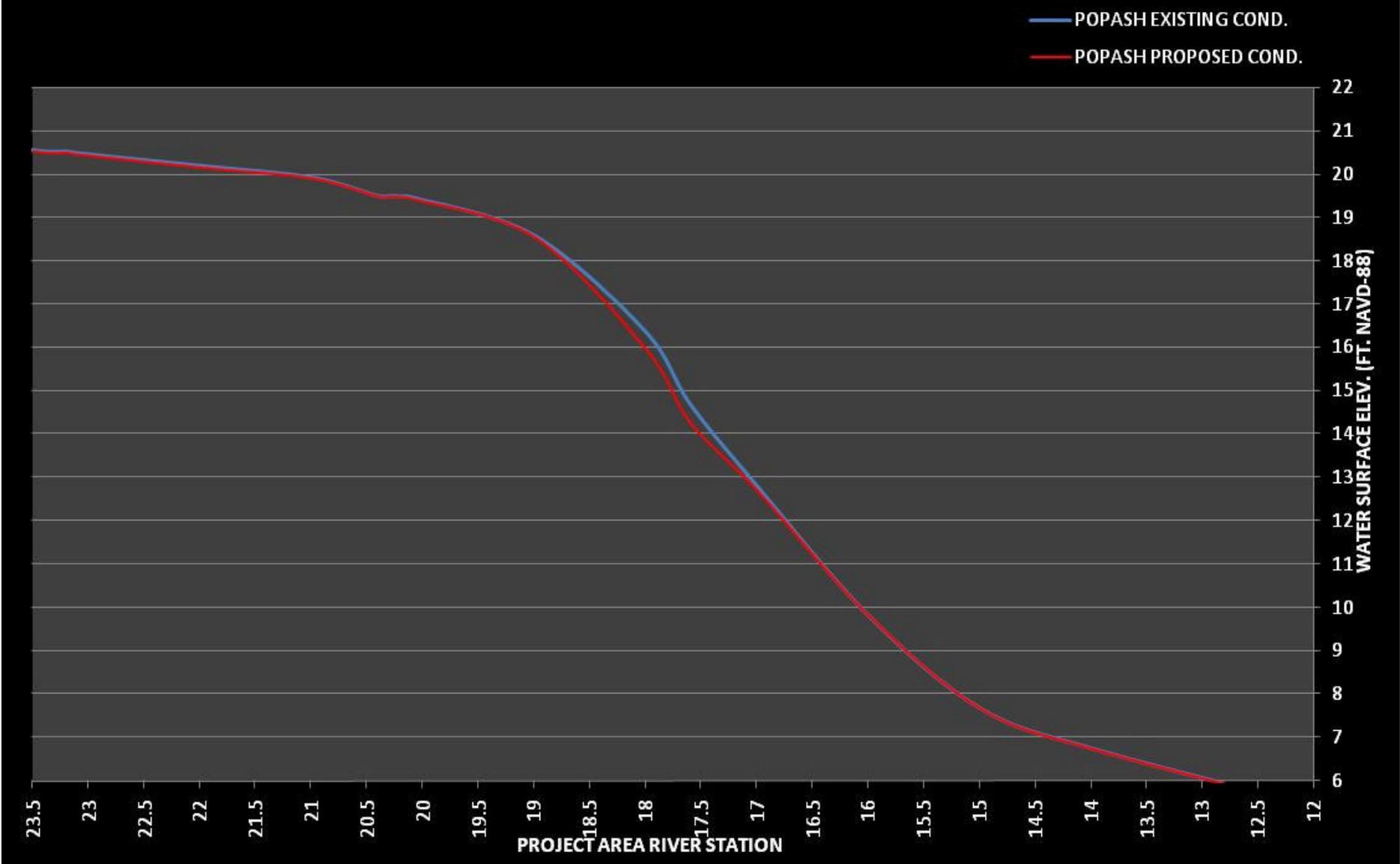


Criteria for Modeling



Criteria for Modeling

Popash Creek Water Surface Profile Pre vs. Post 100yr-72hr Storm Event



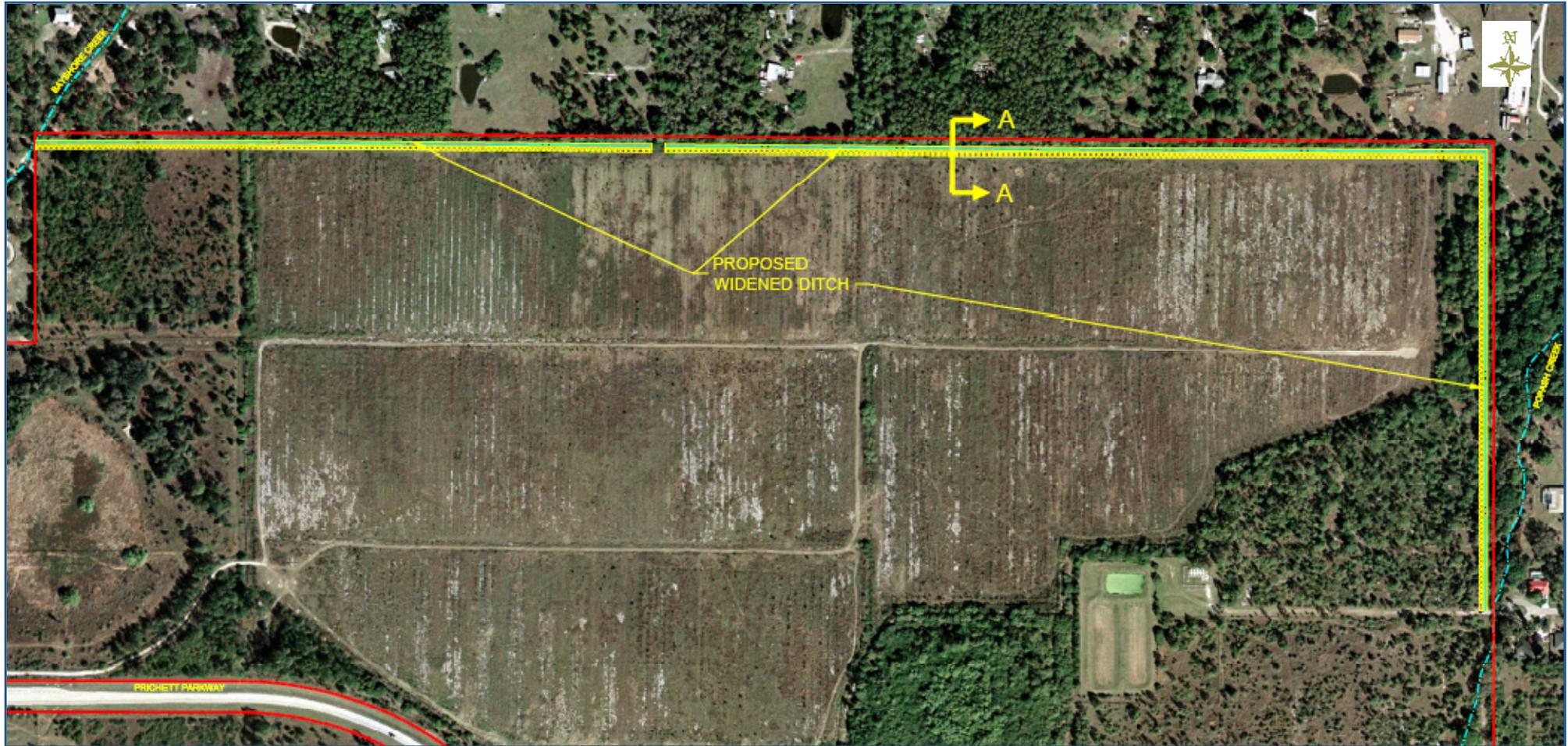
Criteria for Modeling

Bayshore Creek Water Surface Profile Pre vs. Post 100yr-72hr Storm Event

— BAYSHORE EXISTING COND.
— BAYSHORE PROPOSED COND.

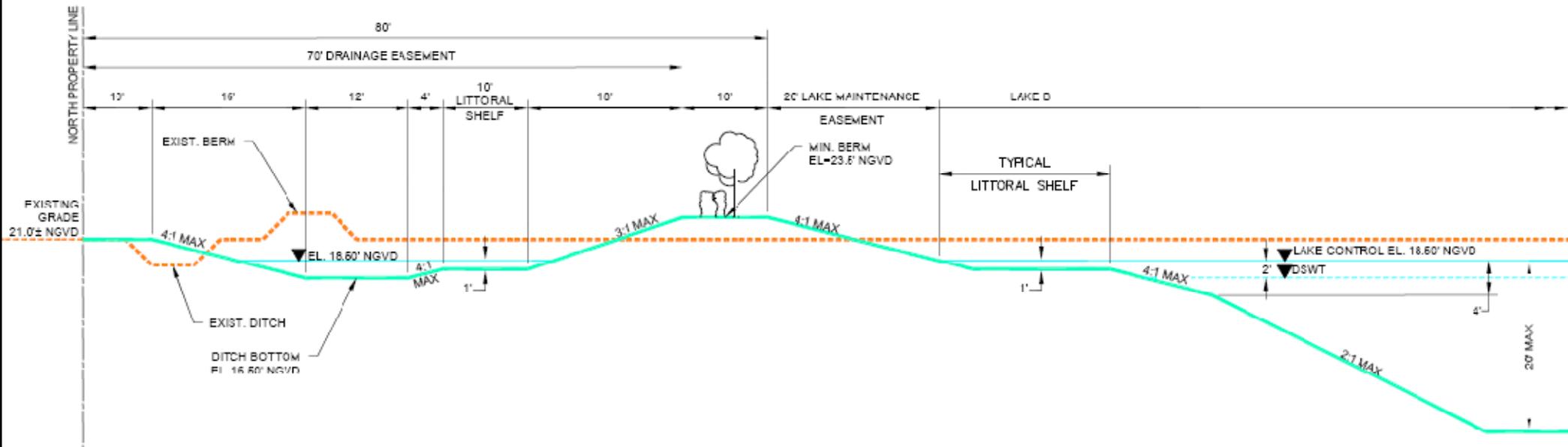


North Ditch and Berm



North Ditch and Berm

----- Existing
----- Proposed

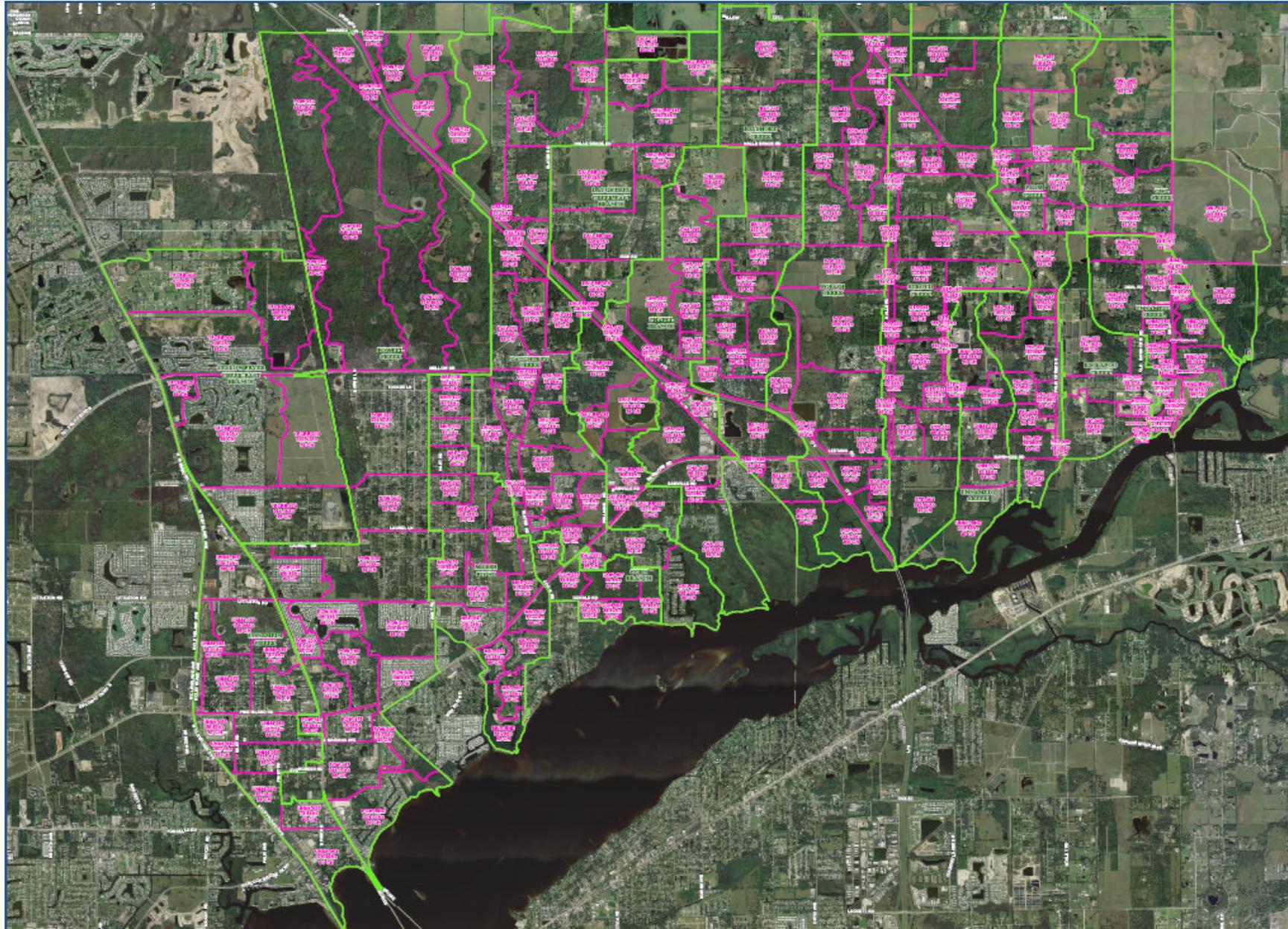


Overlap of Existing and Proposed Cross-Section



North Fort Myers Drainage Study

65 sq. miles
Study Area to
Update Existing
Lee County
Surface Water
Master Plan



Maintenance of Conservation Areas

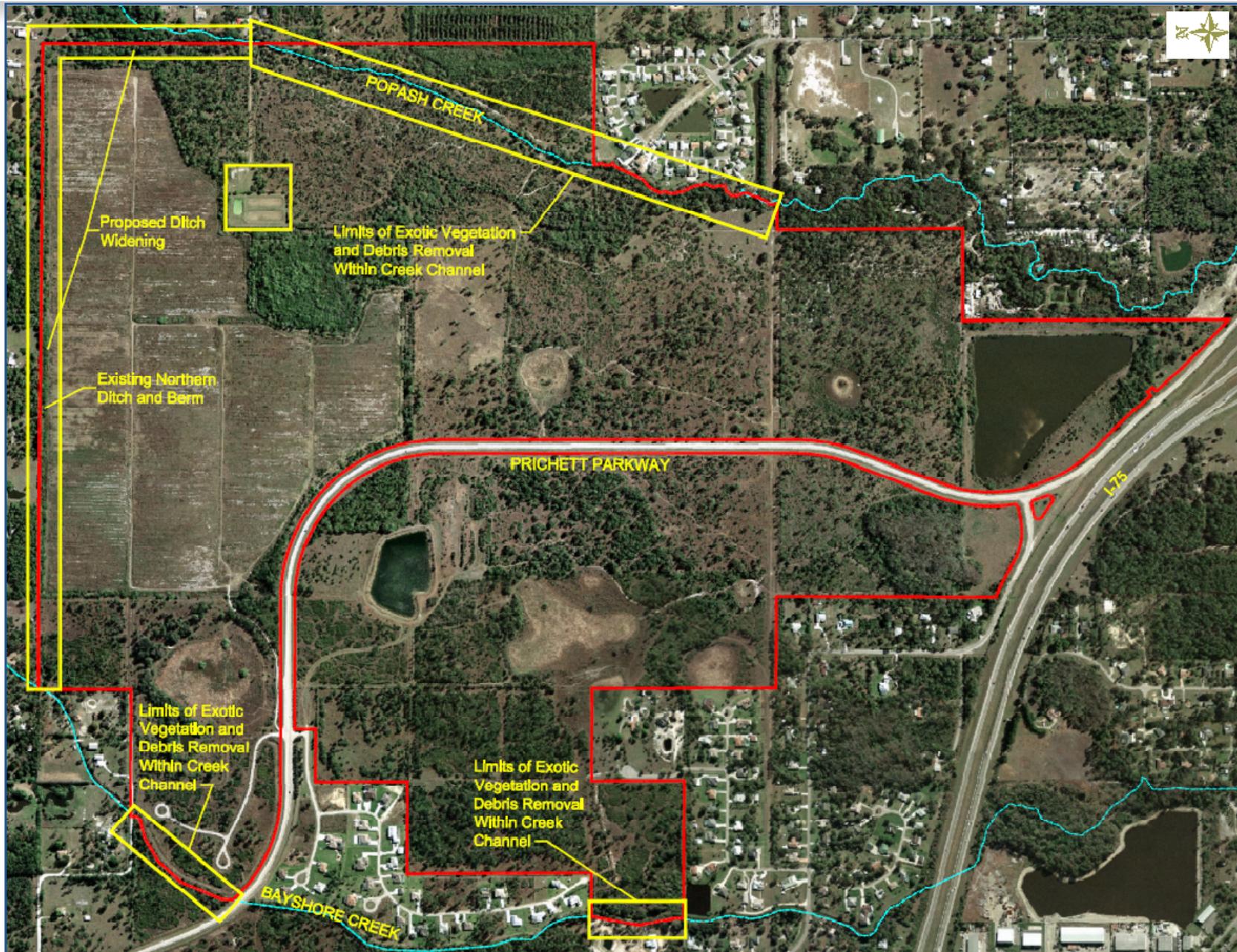
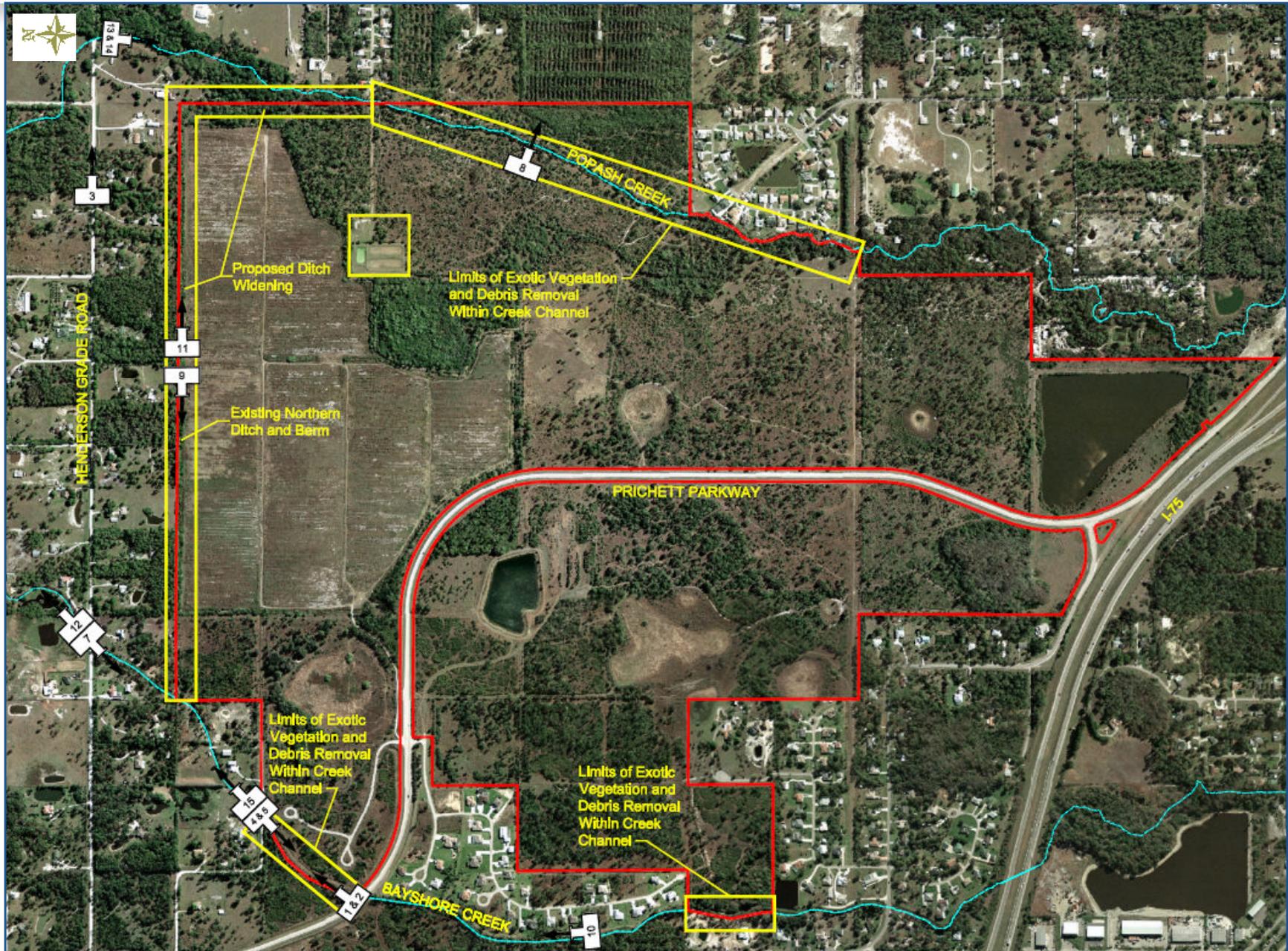
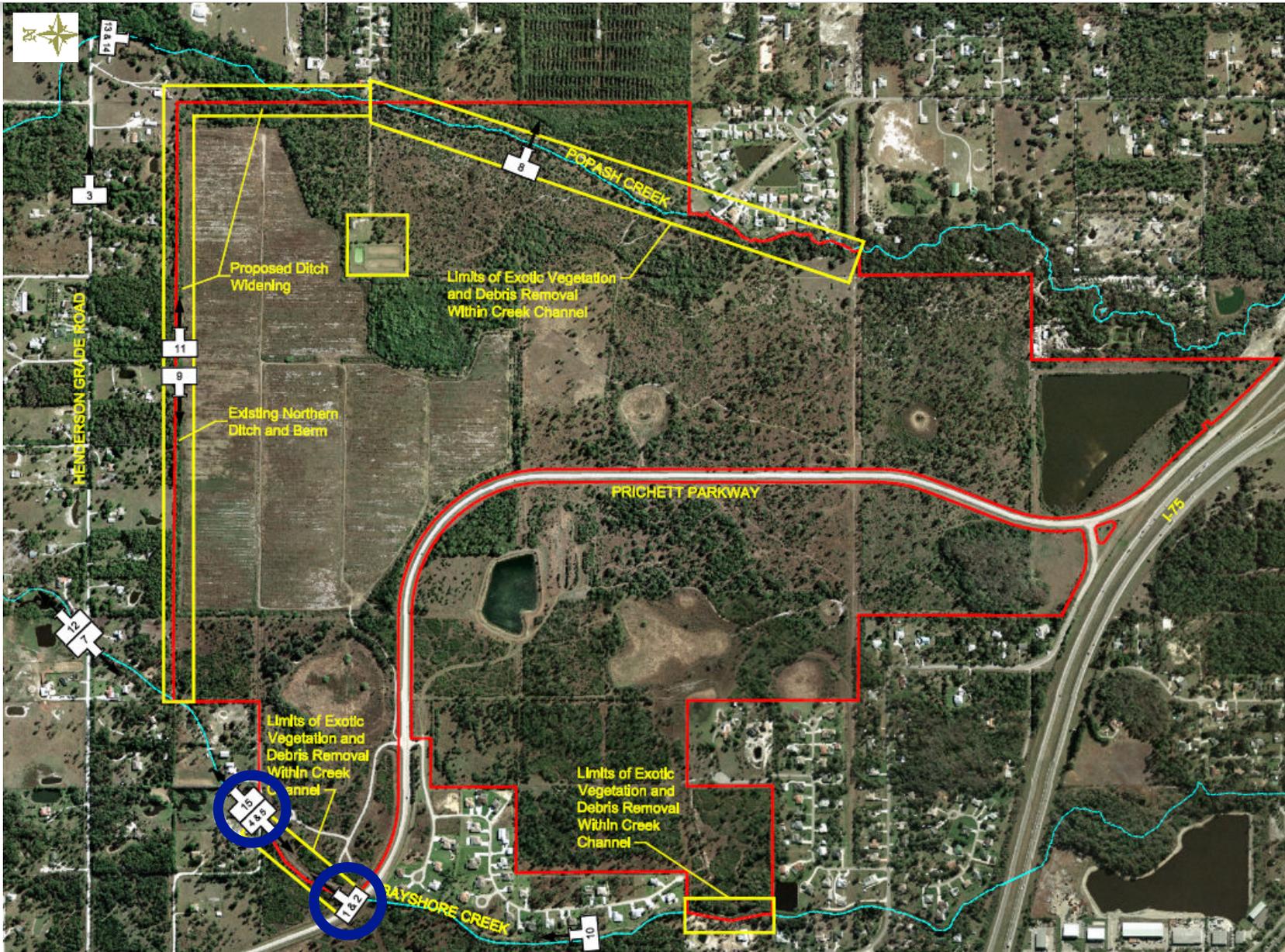


Photo Stations



Bayshore Creek



Bayshore Creek



1. Bayshore Creek looking upstream @ Pritchett Parkway 4-30-08



2. Bayshore Creek looking upstream @ Pritchett Parkway 2-17-06

Bayshore Creek



4. Bayshore Creek looking downstream
@ Rich Road 7-21-06



5. Bayshore Creek looking upstream
@ Rich Road 4-30-08



15. Bayshore Creek looking upstream @ Rich
Road 4-30-08

Henderson Grade Road

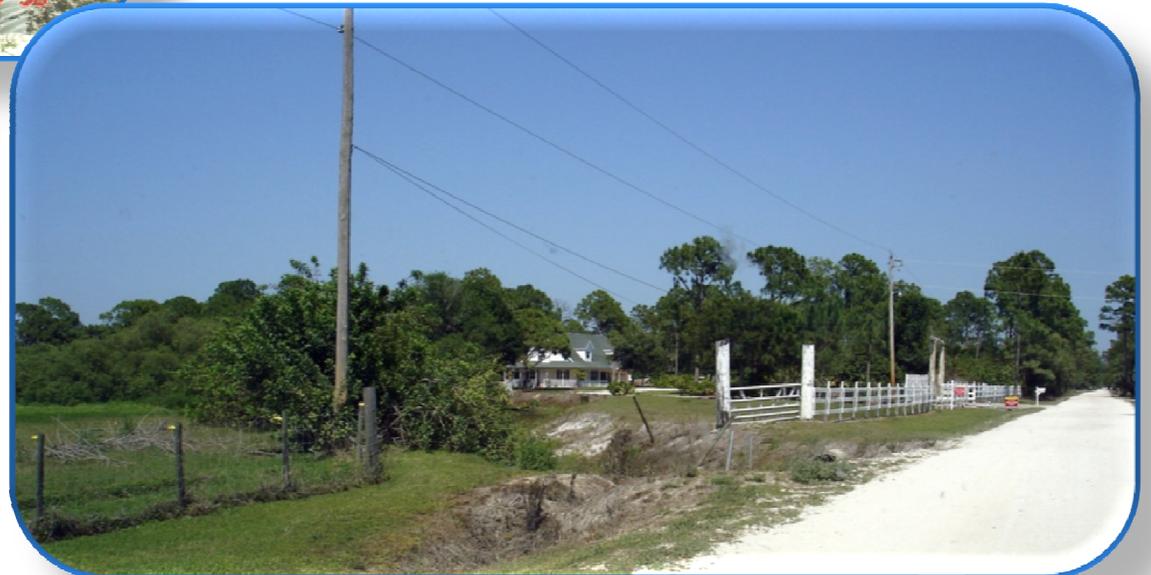


Henderson Grade and Bayshore



7. Bayshore Creek looking downstream @
Henderson Grade Road 4-30-08

12. Bayshore Creek looking Upstream @
Henderson Grade Road 4-30-08

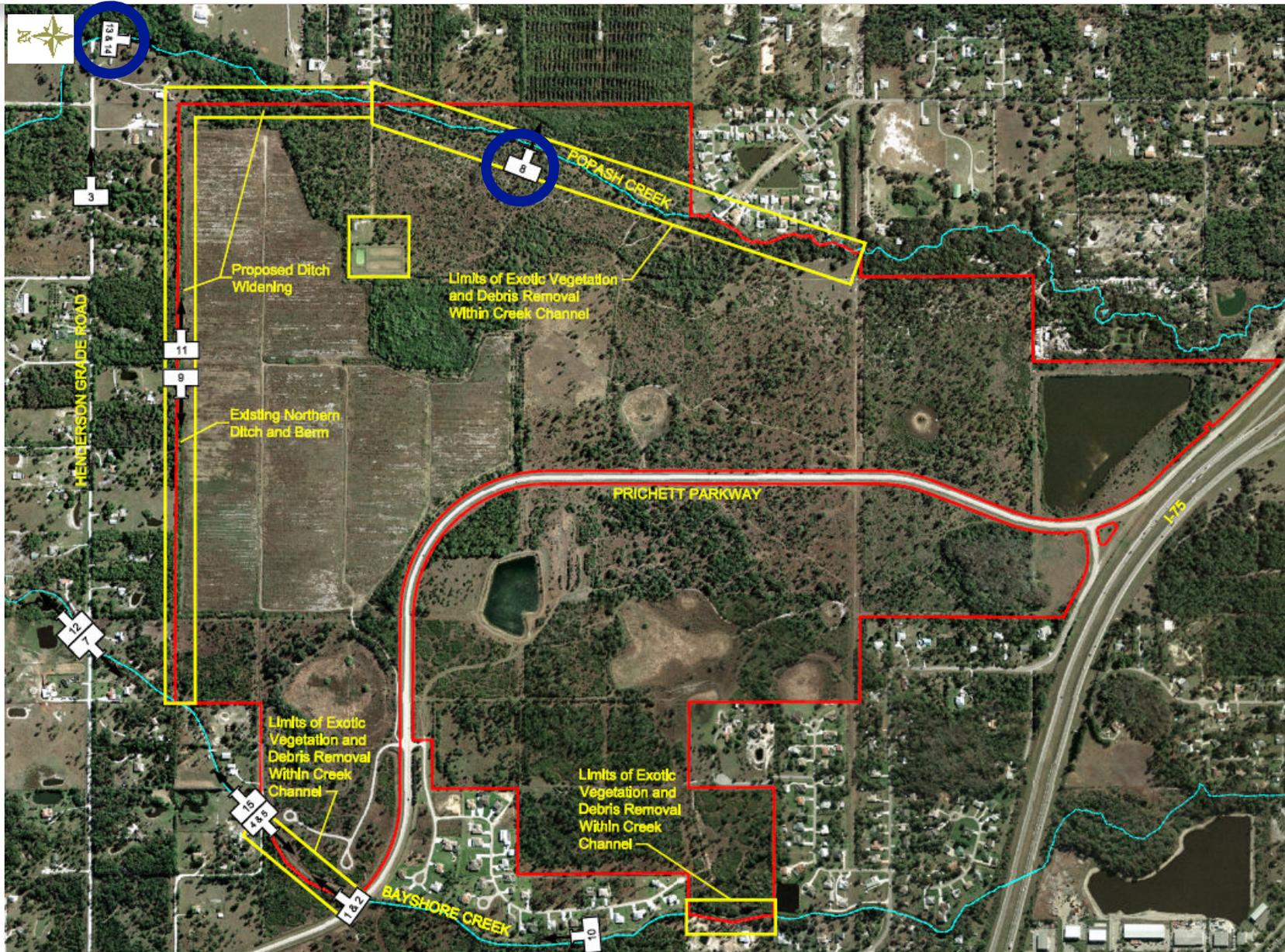


Henderson Grade Road



3. Henderson Grade Road between Popash Creek and Bayshore Creek 4-30-08

Popash Creek



Popash Creek



13. Popash Creek looking downstream @
Henderson Grade Road 7-21-06

14. Popash Creek looking
downstream @ Henderson
Grade Road 4-30-08



Popash Creek



8. Popash Creek looking East adjacent to Stoneybrook North site 7-21-06

North Boundary Ditch

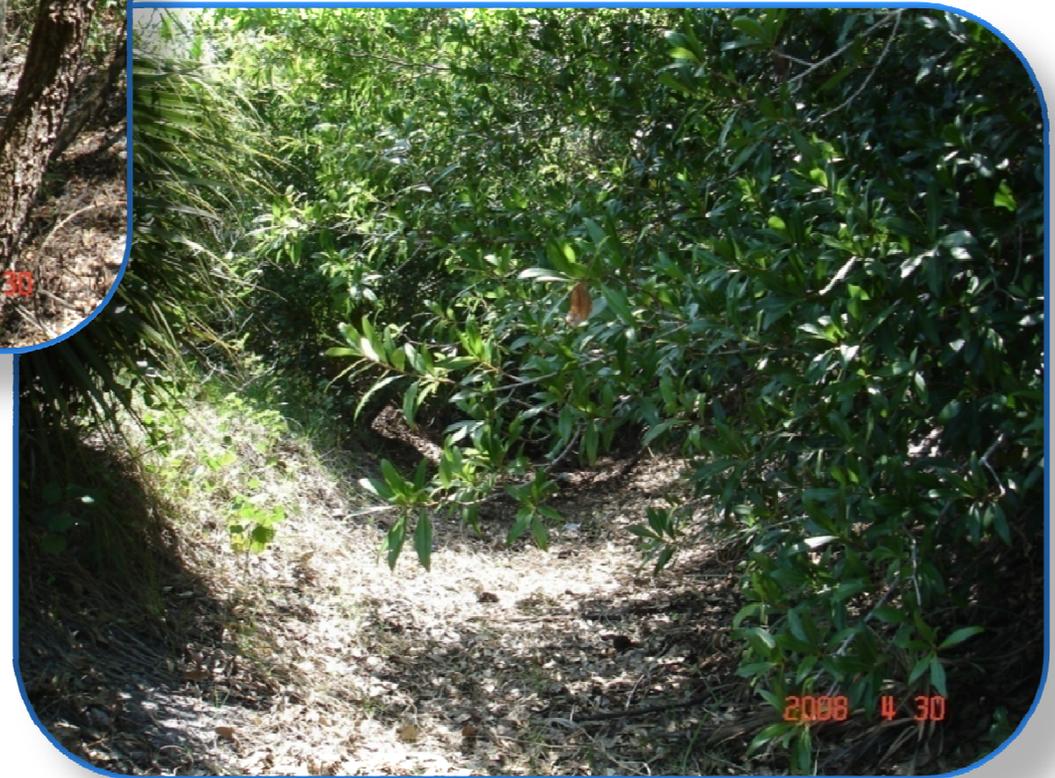


North Boundary Ditch



9. North Ditch looking East 4-30-08

11. North Ditch looking West 4-30-08





THANK YOU!