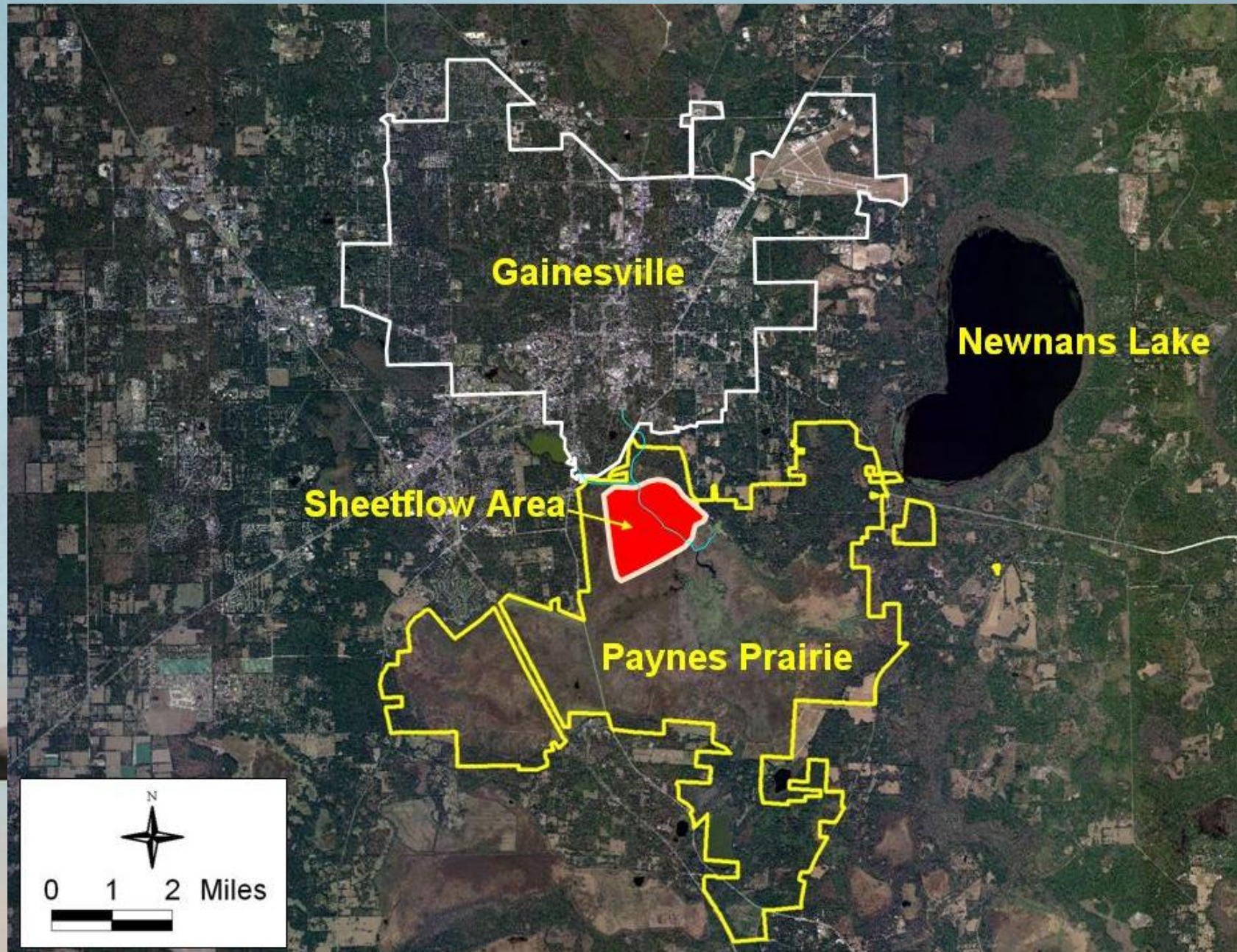


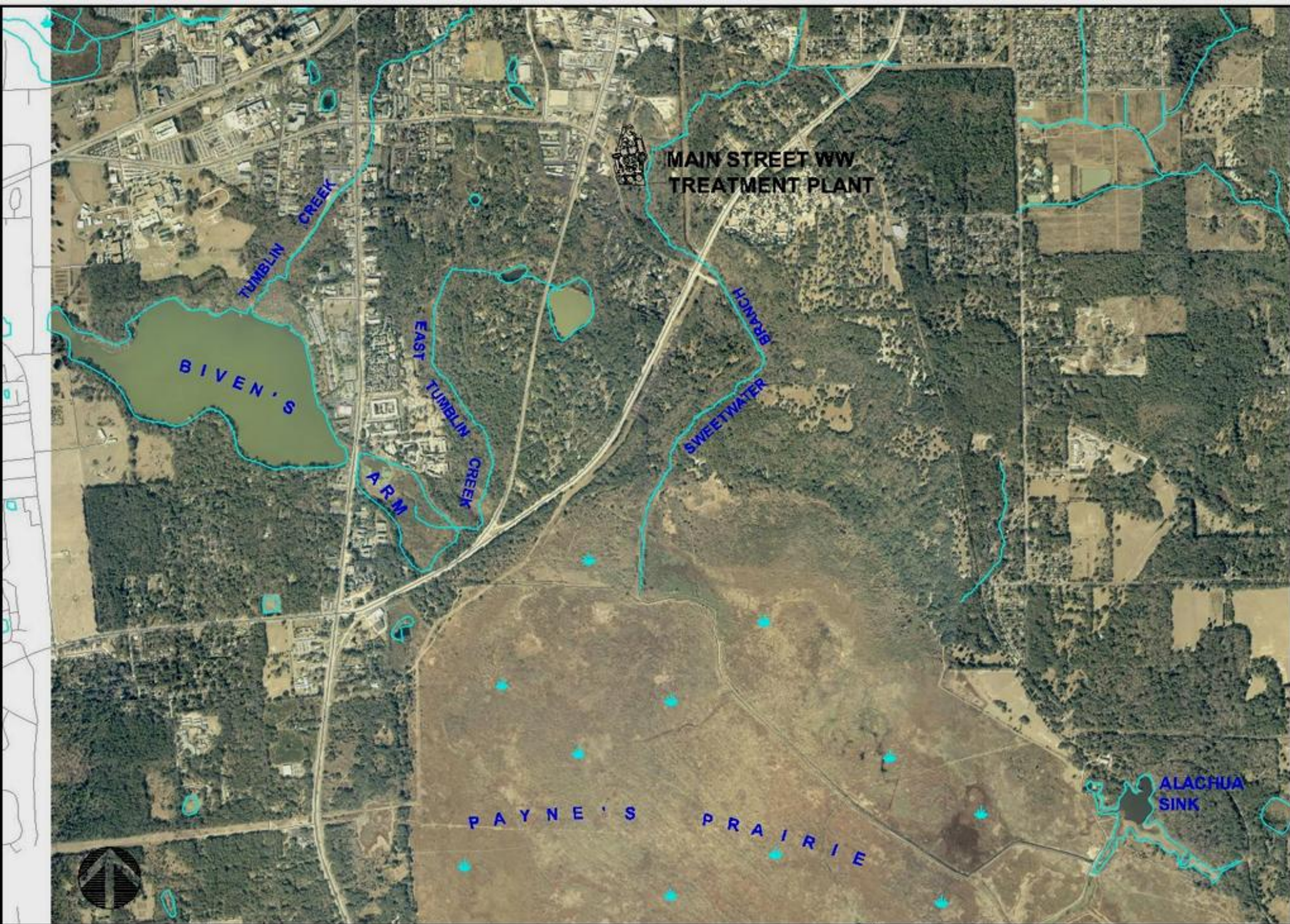
Paynes Prairie Sheetflow Restoration Project Update

**Alice Rankeillor, P.E.
Utility Engineer IV
Gainesville Regional Utilities
September 11, 2009**



Project Location





SCALE: 1" = 2,000'

AERIAL LOCATION MAP SWEETWATER BRANCH

STRATEGIC PLANNING DEPARTMENT
GAINESVILLE REGIONAL UTILITIES
PO BOX 147117
GAINESVILLE, FL 32614-7117



FILE: D:\PRAIRIE\Wetland and Sheetflow.dwg
PLOTED: 02/19/07 7:50am by C.A.O.

Alachua Sink

Total Maximum Daily Load (TMDL)

- **Mandated by EPA and FDEP**
- **Sets maximum allowable pollutant loads to “impaired” water bodies**
- **Requires all sources to reduce loads of pollutant(s) causing water body to impaired**

	N Reduction (%)	N Reduction (lb/yr)
MSWRF	55%	48,000
Stormwater	45%	13,000
Other Sources	45%	145,000





US 441

Main Street

GAINESVILLE

University Avenue

Main Street Plant

GAINESVILLE

Enhancement Wetland

Sheet Flow

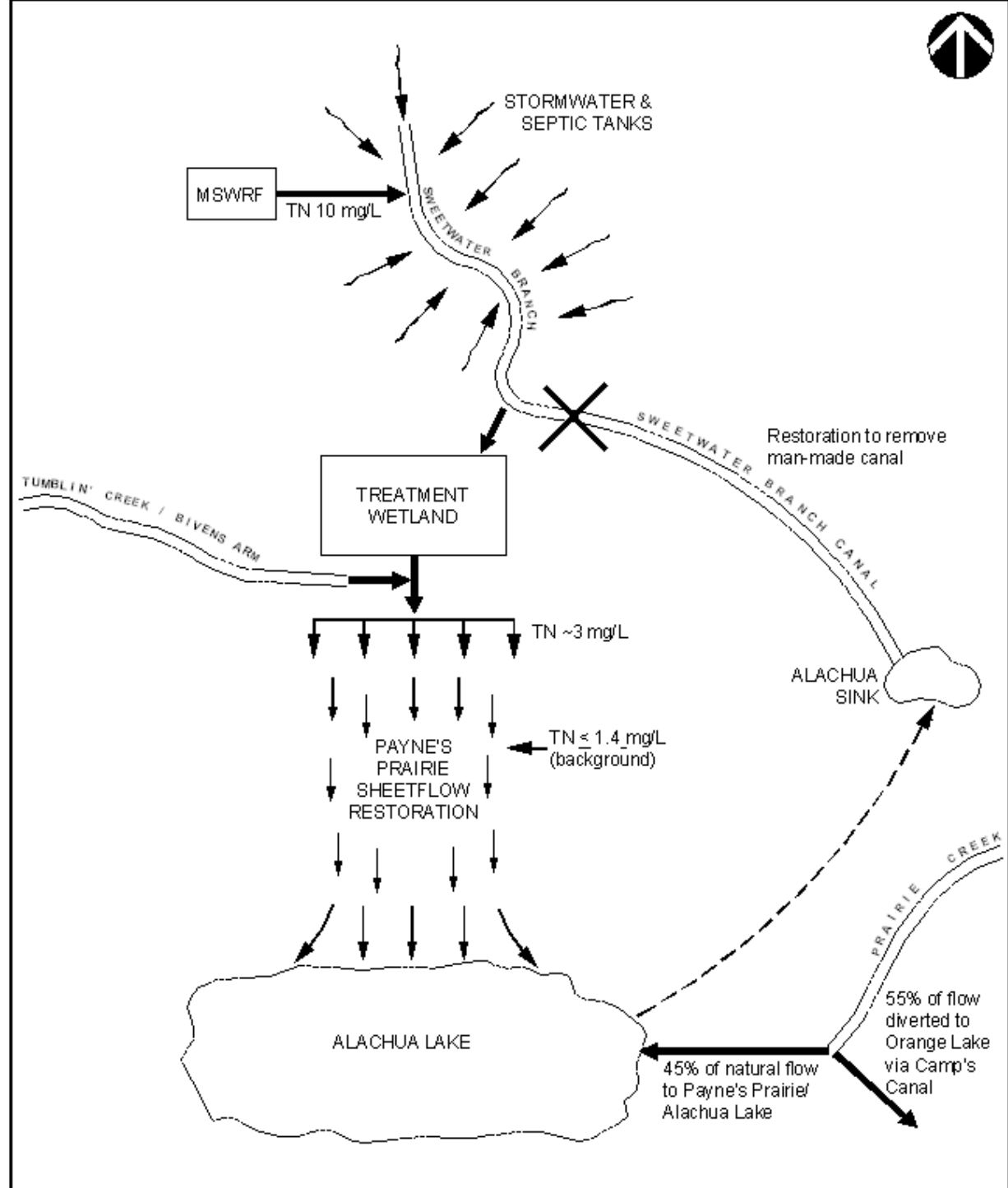
Rotational Heights

Alachua Sink

29

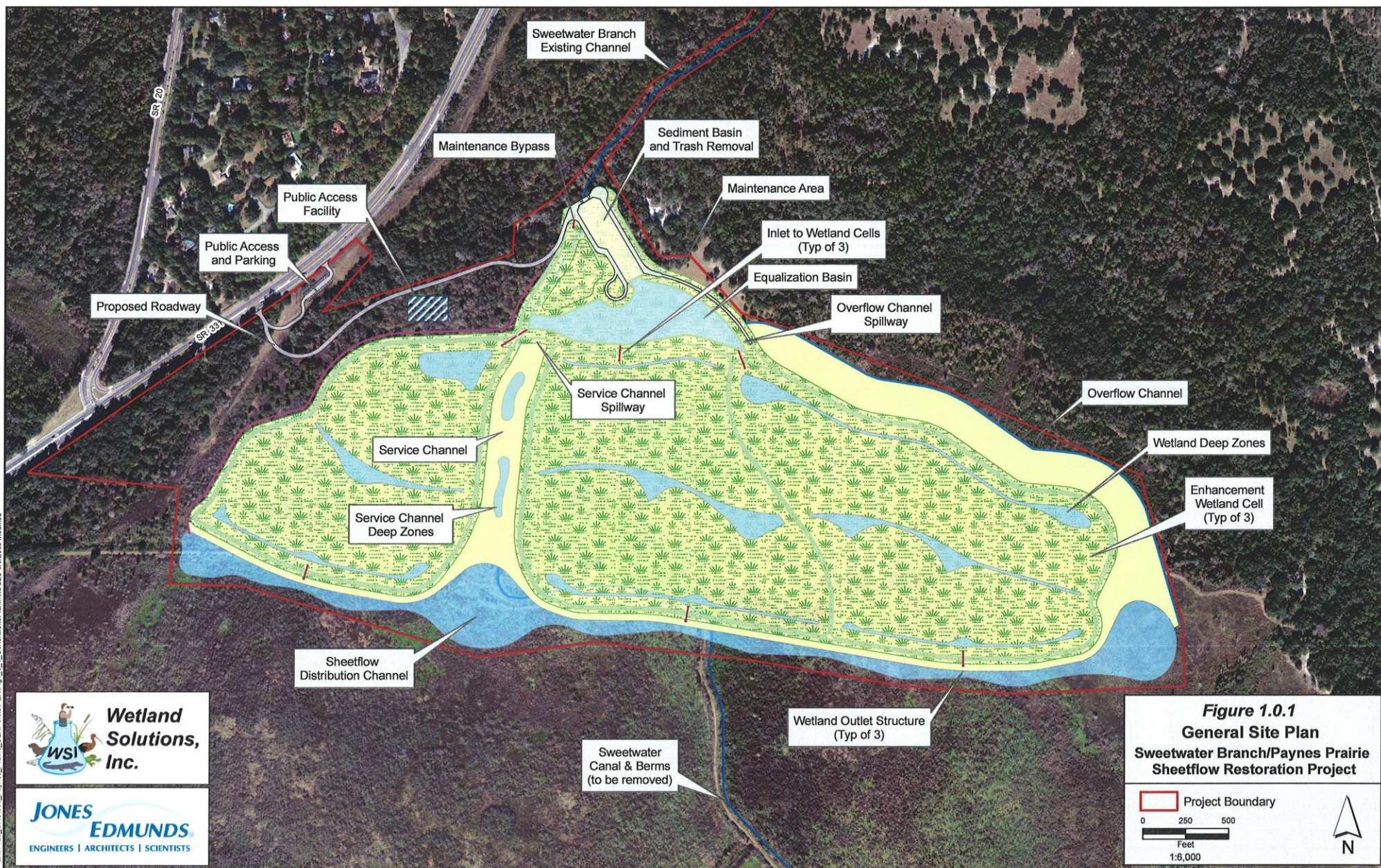
28

27



CONCEPTUAL PLAN FOR SWEETWATER BRANCH
TREATMENT WETLAND AND SHEETFLOW RESTORATION

Q:\07123_GRU050_Paynes_Prairie_CERP\mxd\PER\Fig1_0_1_GeneralSitePlan.mxd BGS 6/6/2009 Modified



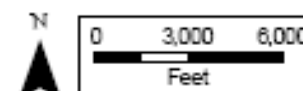
Edwards Tract

Legend

-  Western 2/3 of the Edwards Tract
-  Eastern 1/3 of the Edwards Tract
-  Easement
-  Prairie Park Bdy
-  ACPA Parcels

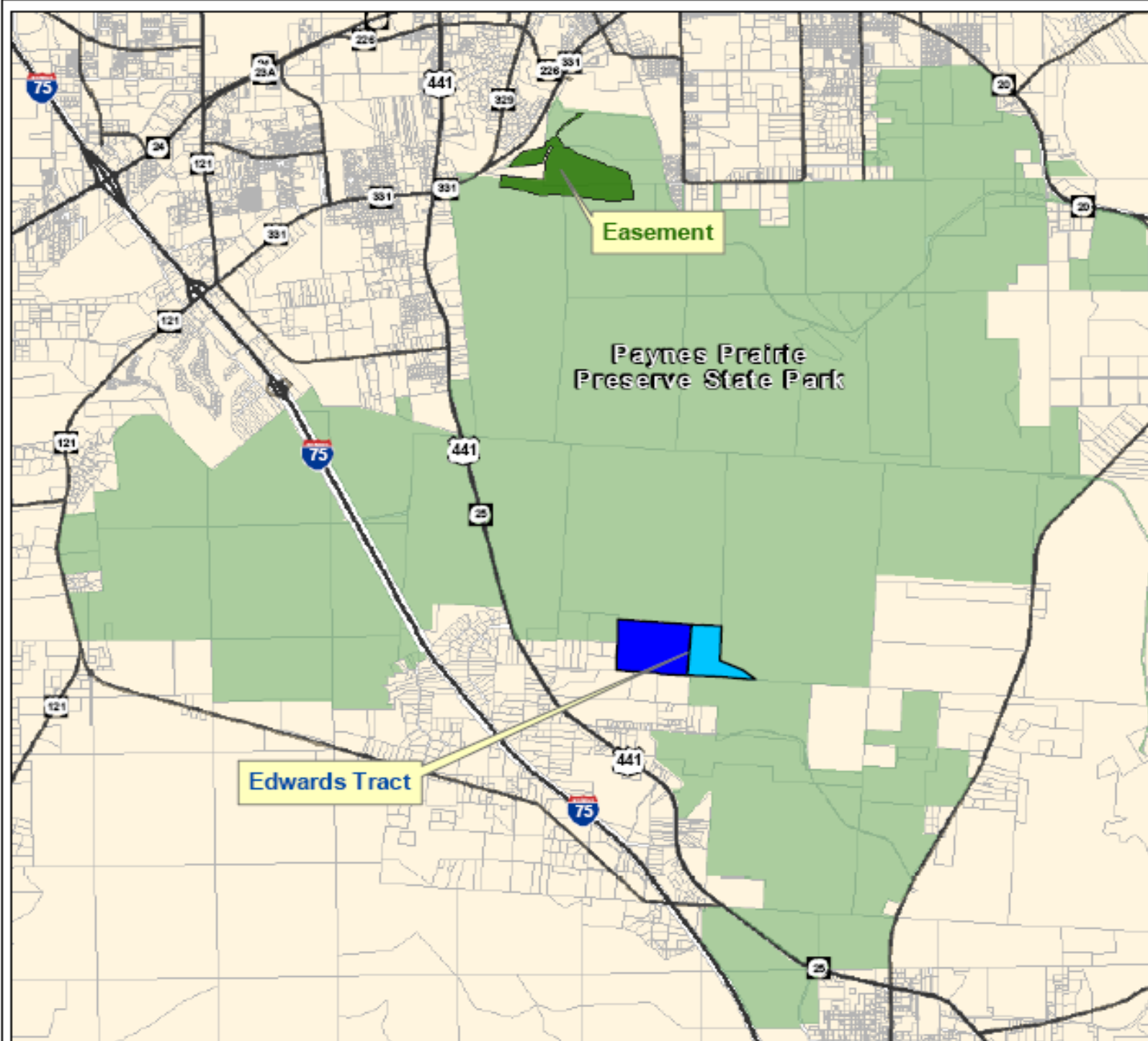
Notes:
Edwards Tract division is approximate as shown and should be determined by field survey.

GIS data sources:
-Easement based on recent survey
-Parcels from Alachua County Property Appraiser
-Park boundary from FDEP

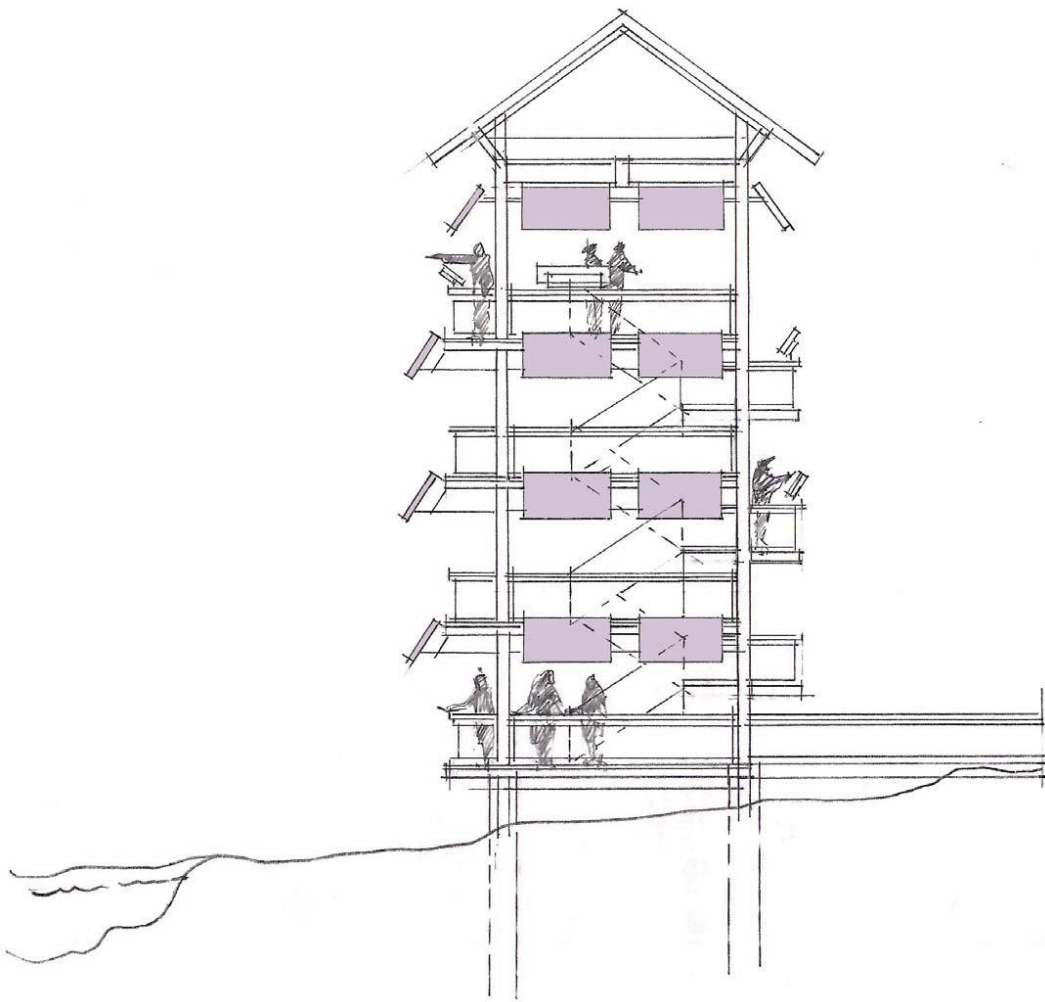


NOTE: LOCATIONS AND DIMENSIONS ARE GIVEN FOR UTILITIES STAFF USE ONLY. ENGINEER/CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION

GRU
More than Energy™



Next Steps



Questions?

