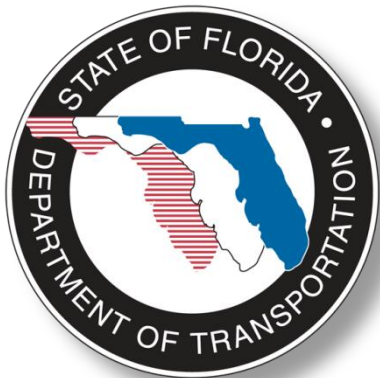


Programming Screen



ETAT Workshop 2011



Peter McGilvray
Environmental Quality Performance
Administrator



Topics

- ◆ What is the purpose of the Programming Screen?
- ◆ What information can you expect to see?
- ◆ What information do we need?
- ◆ How do the ETAT comments help decision making?
 - Class of Action
 - Scope of Work
 - Agency Roles
- ◆ What happens next?

The screenshot displays the eTDM software interface. The top navigation bar includes links for 'My eTDM', 'Bookmarks', 'Logout', and a search bar. The main content area is titled 'Summary Report' for the project '#1217 Indian River Road SR 706 (Jupiter Farms Road to west of Florida's Turnpike)'. The report includes a table with project details:

Field	Value	Field	Value
District	District 4	Phase	Planning Screen
County	Palm Beach	From	Jupiter Farms Road
Planning Organization	Palm Beach MPO	To	West of Florida's Turnpike
Plan ID		Financial Management No.	
Federal Involvement	Federal Action	Federal Funding	
Contact Information	Name: Vinod Sandaranyam Phone: (561) 684-4175 E-mail: VSandaranyam@pbcgo.org		

Below the table, there is a section for 'Overview' with a legend for 'Legend: eTDM' and a color-coded bar for 'ETAT Review Period From 11/19/2009 To 01/03/2010'. The 'Overview' section includes a table for 'Alternative #1' with columns for 'Issue', 'Degree of Effect', 'Organization', and 'Date Reviewed'.

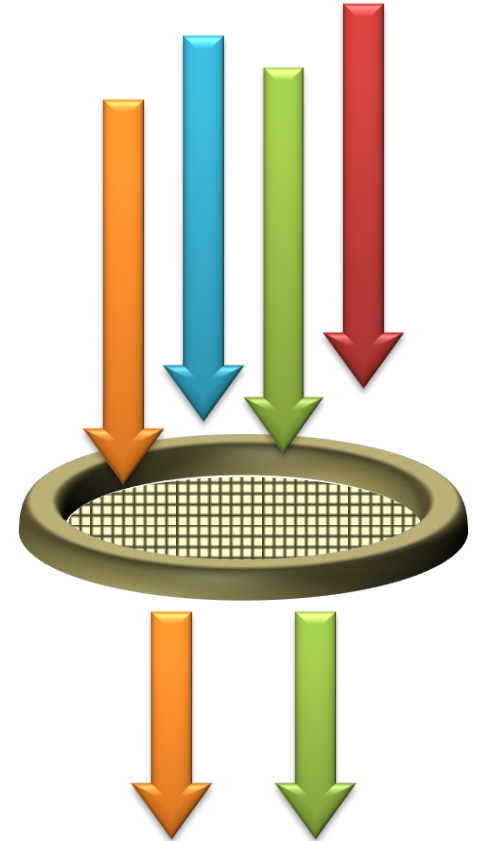
Issue	Degree of Effect	Organization	Date Reviewed
Air Quality	None	US Environmental Protection Agency	01/02/2010
Coastal and Marine	Moderate	National Marine Fisheries Service	12/15/2009
Contaminated Sites	Minimal	US Environmental Protection Agency	01/02/2010
Contaminated Sites	Minimal	FL Department of Environmental Protection	12/23/2009
Floodplains	Minimal	Natural Resources Conservation Service	11/30/2009
Floodplains	None	US Environmental Protection Agency	01/02/2010
Navigation	None	US Coast Guard	12/08/2009
Navigation	Moderate	US Army Corps of Engineers	11/20/2009
Special Designations	Substantial	US Environmental Protection Agency	01/02/2010

The bottom of the screen shows a footer with the text: 'This Site is maintained by the Florida Department of Transportation Environmental Management Office. For additional information, please e-mail questions or comments to: hts@fdot.com or call 800-414-8356'.



What is the purpose of this screening?

- ◆ Support Advance Notification process
- ◆ Identify potential avoidance, minimization and mitigation opportunities
- ◆ Fill data blanks
- ◆ Develop PD&E scope
- ◆ Accept purpose and need
- ◆ Potentially eliminate alternatives
- ◆ Highlight critical path issues
- ◆ Obtain Federal consistency determination
- ◆ Provide considerations for class of action determination



What decisions are we hoping to make?

- ◆ Acceptance of purpose and need
- ◆ Identification of fatal flaws
- ◆ Development and refinement of reasonable alternatives
- ◆ Class of Action determination
- ◆ Scoping for PD&E

APPROVED



What do we need from you?

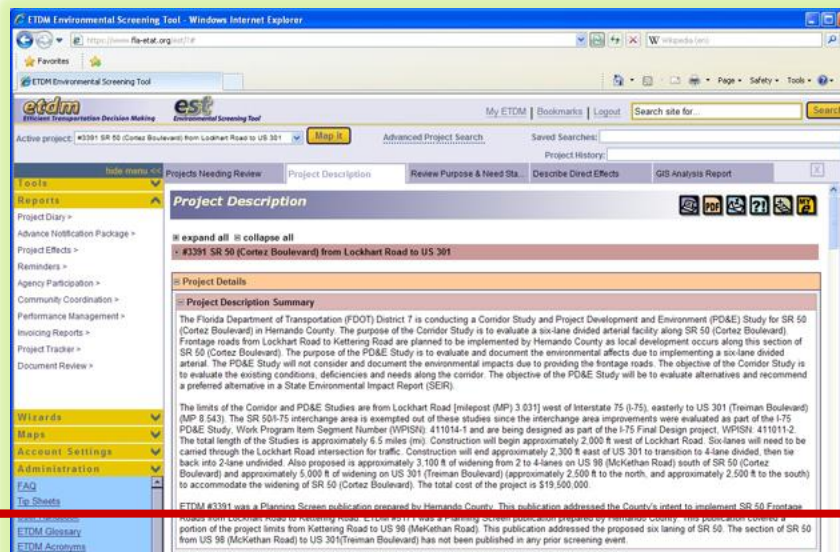
Detailed, actionable comments;

- ◆ You're helping to build a project scope of service
 - What do we need to do? Be specific
- ◆ You're helping us identify the range of reasonable alternatives.
 - Providing specific details about each presented alternative help with this process.
- ◆ Tell us where NOT to place the improvements
- ◆ Fatal flaw analysis
- ◆ Tell us about any plans for your resources



What information can you expect?

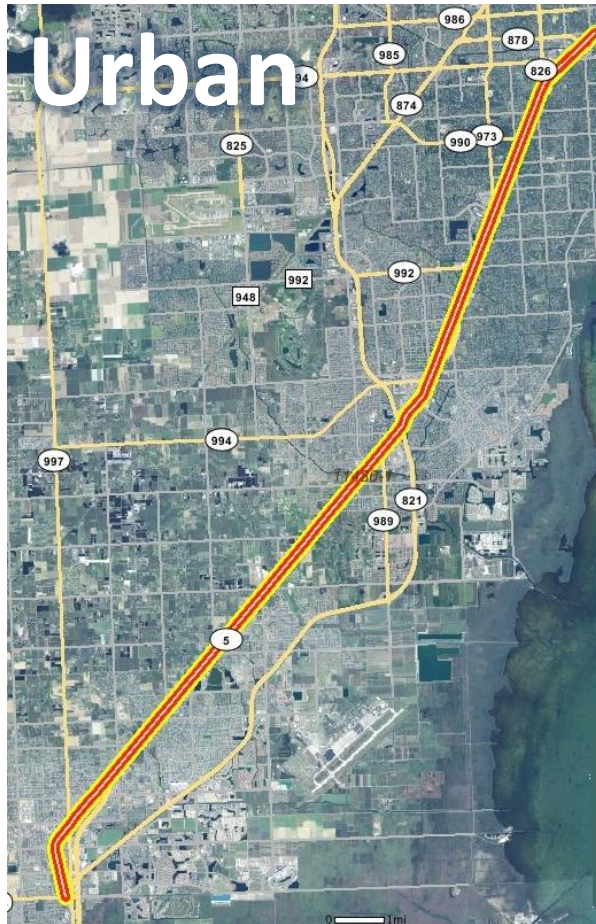
- ◆ Project context
- ◆ Refined GIS line work and analysis
- ◆ Complete Purpose & Need Statement
- ◆ Previous screening results
- ◆ Preliminary project concepts
- ◆ Results of preliminary studies



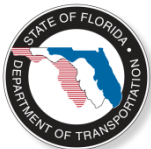
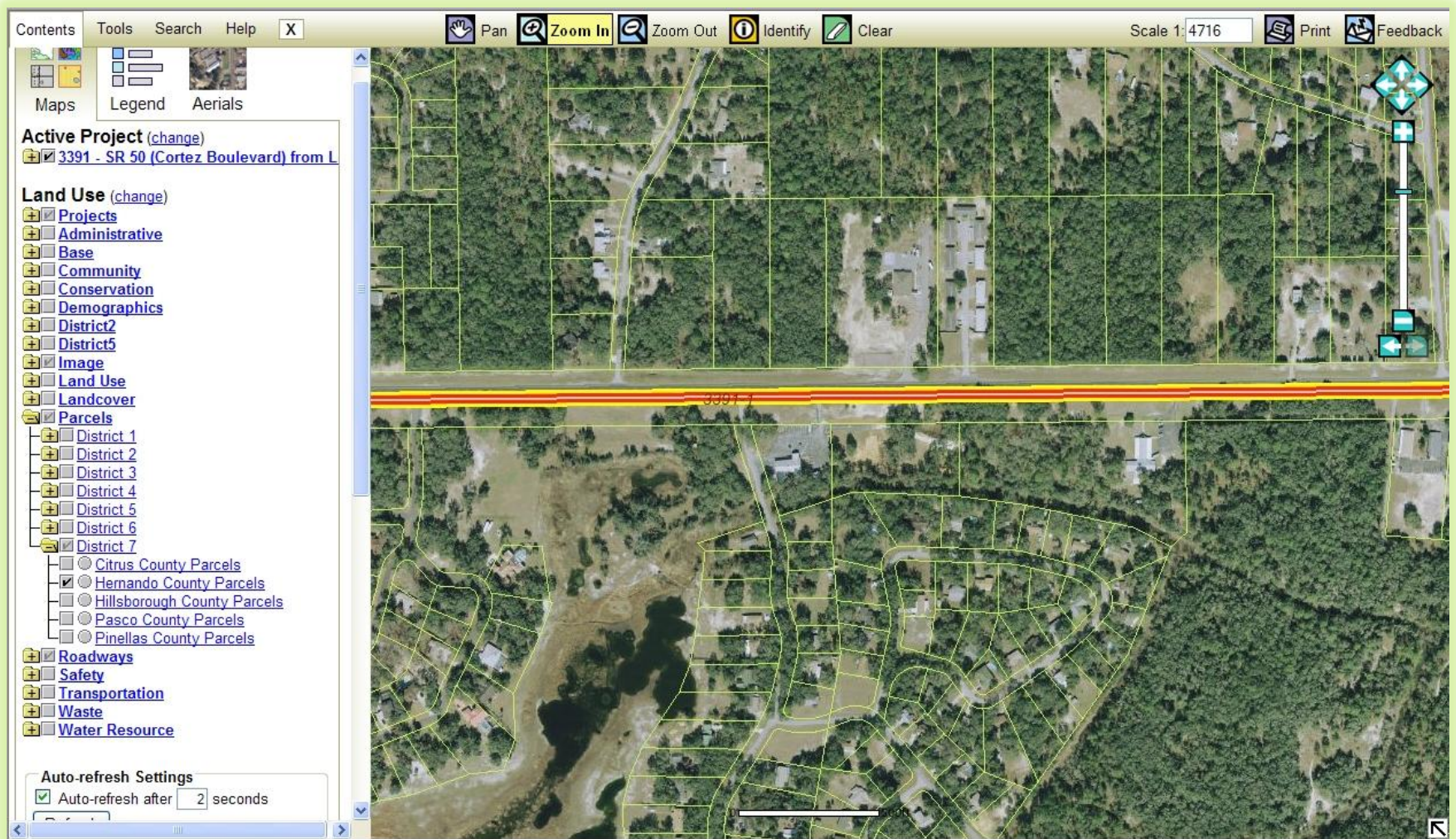
New Alignment



Existing Facility

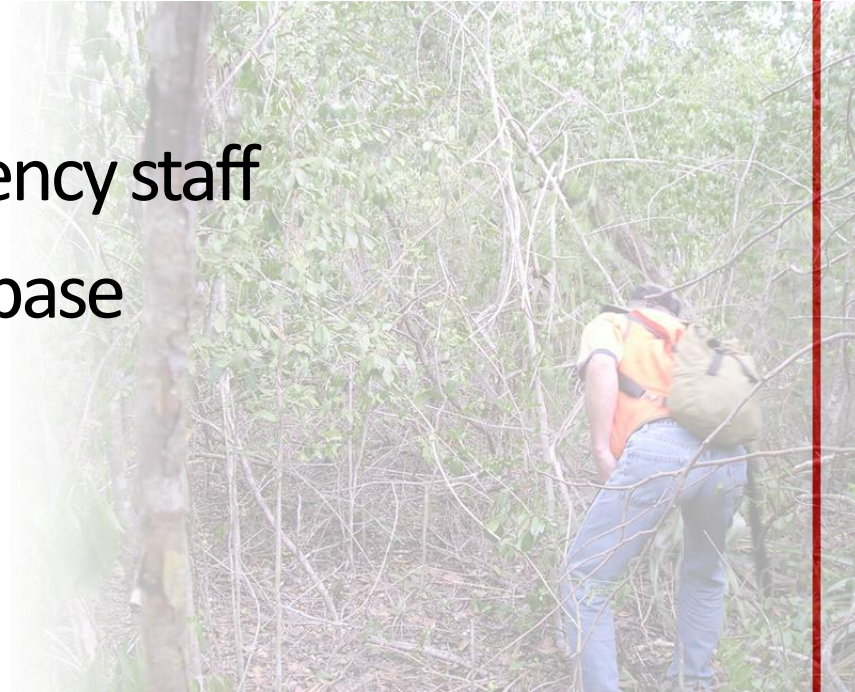


Locating Existing ROW



What information do we need?

- ◆ Help us minimize and avoid impacts
- ◆ Identify potential mitigation opportunities
- ◆ Provide information **not** in the Tool
 - Agency-specific data
 - Co-workers and other agency staff
 - Historic files not in a database
 - Personal knowledge
 - **Site visits**
- ◆ Questions?



Examples of Needed Information...

References/Studies

From SWFWMD:

“In addition, specific studies that contain useful water quality and hydrologic information have been done by FDEP, the SWFWMD and the USGS. These reports can be accessed through the District's Library at <http://www15.swfwmd.state.fl.us/dbtw-wpd/mywebqbe/librarybasic.htm>. Type in the water body of interest, click on "Submit query" then click on the pull-down menu in the upper left and select "Record Display - Web.” ***Publications of particular relevance include:***

- Gates, M.T. 2009. Hydrogeologic investigation of the upper Peace River in Polk County, FL. SWFWMD. Brooksville, FL
- Metz, P.A. 2009. Hydrologic conditions that influence streamflow losses in a karst region of the upper Peace River Polk County, FL. USGS. Reston, VA.
- Keith & Schnars, Inc. 2003. Saddle Creek watershed management program: Task II Watershed management plan, vols. 1 & 2. SWFWMD. Brooksville, FL
- Spechler, R.M., and Kroening, S.E., 2007. Hydrology of Polk County, Florida: U.S. Geological Survey Scientific Investigations Report 2006-5320. USGS. Reston, VA. 114 p.”



Very Helpful!

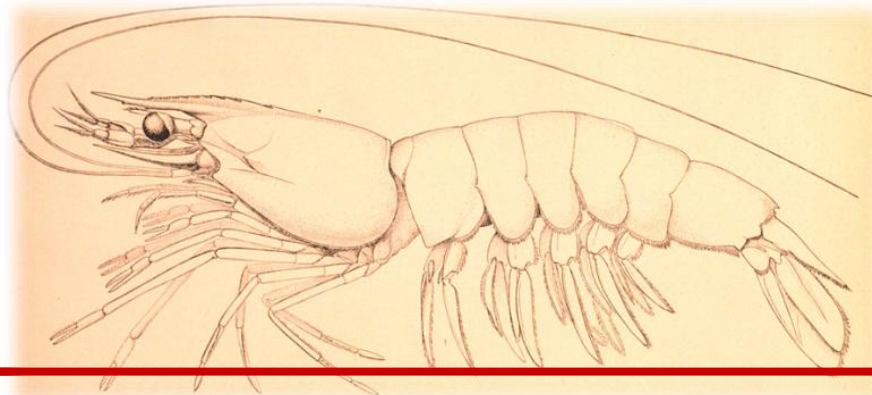


Examples of Needed Information...

Agency-specific Data (not in database)

From NOAA-NMFS:

The portion of the project that crosses the Loxahatchee River and its tributary could impact high quality forested palustrine wetlands. **These wetlands are essential fish habitat (EFH) for white shrimp (*Litopenaeus setiferus*).** The South Atlantic Fishery Management Council (SAFMC) designates forested palustrine wetlands as EFH for juvenile white shrimp. The remaining portions of the project could impact high quality freshwater wetlands that are not considered EFH but directly support downstream commercially or recreationally fisheries in the Loxahatchee River.

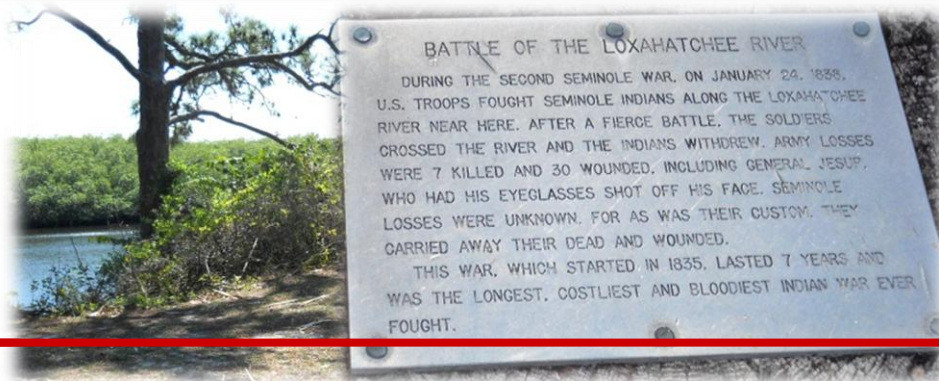


Examples of Needed Information...

Agency-specific Data

From FDOS:

These studies have noted that the area through which the project corridor passes is archaeologically sensitive and contains a number of historic and prehistoric sites. Fourteen of these sites, including PB0840-LOXAHATCHEE BATTLEFIELD (a site that has a **high potential to yield information important in prehistory and history** within Florida), **extend into the roadway's right-of-way and have not been evaluated by the SHPO.** One resource group, the PHILO INDIANTOWN ROAD SETTLEMENT-8PB10308 (a locally-designated resource), also extends into the right-of-way and has not yet been evaluated by the SHPO.



Examples of Needed Information...

Results of site visits

From NMFS:

NMFS staff conducted a **site inspection of the project area** on November 10, 2010, to assess potential concerns related to living marine resources within Sarasota Bay. The lands adjacent to the proposed project are principally urban commercial and residential properties near Sarasota Bay. **It does not appear that the project will directly impact any NMFS trust resources.** However, at the project's southern terminus the road runs adjacent to Centennial Park and lies less than 100 feet from Sarasota Bay. At Centennial Park's northern boundary **a small mangrove-lined creek passes beneath the road and empties to Sarasota Bay.** Sarasota Bay contains estuarine habitats (e.g. seagrass, salt marsh, mangrove) used by federally-managed fish species **and their prey.** Stormwater treatment system upgrades may be necessary to prevent degraded water from reaching these estuarine habitats. Most importantly, best management practices should be employed during road construction to control erosion and prevent siltation of estuarine habitats.



Examples of Needed Information...

Specific Options for Alternatives

From EPA:

A very robust alternatives analysis should occur for this project, and should be cognizant of FHWA's policies for following "context sensitive design" strategies. The proposed expansion of the Theo Baars Bridge should be a part of this comprehensive analysis. **Alternatives for consideration on the island should include maintaining the 2-lane configuration along those sections adjacent to CBRA and other public land segments** where additional development is ill-advised and where development should not occur. We would also recommend a reprioritization of transportation modes that would help define the island as a slower-paced destination.



Examples of Needed Information...

Regional Efforts and Mitigation Options

From USFWS:

The Florida Natural Areas Inventory (FNAI) identifies numerous occurrences of the white-topped pitcher plant (*Sarracenia leucophylla*) associated with wet prairie along the alignment... This rare carnivorous plant is unique to the Gulf Coast; **considerable state and county expenditures have gone toward acquiring land for its protection. Adjacent public conservation lands include** the Tarkiln Bayou Preserve State Park and Jones Swamp Wetland Preserve. Additional land acquisitions are planned adjacent to SR 173 as part of the Perdido Pitcher Plant Prairie (PPPP) initiative under the Florida Forever program. To date, approximately 4,070 acres of the 7,661-acre PPPP have been acquired. The PPPP has been identified in the Northwest Florida Water Management Districts regional mitigation plan as **a potential acquisition area for FDOT mitigation under Florida Statute 373.4137.**



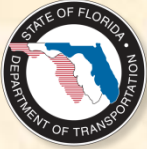
What decisions are made?

- ◆ Class of Action Determination
- ◆ PD&E Study Scope of Work
- ◆ Lead, Cooperating, and Participating Agencies

***How do the
ETAT comments
help support
these decisions?***



For More Information



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ETDM References

EST Library

