



# *Stormwater Permitting for Transportation*

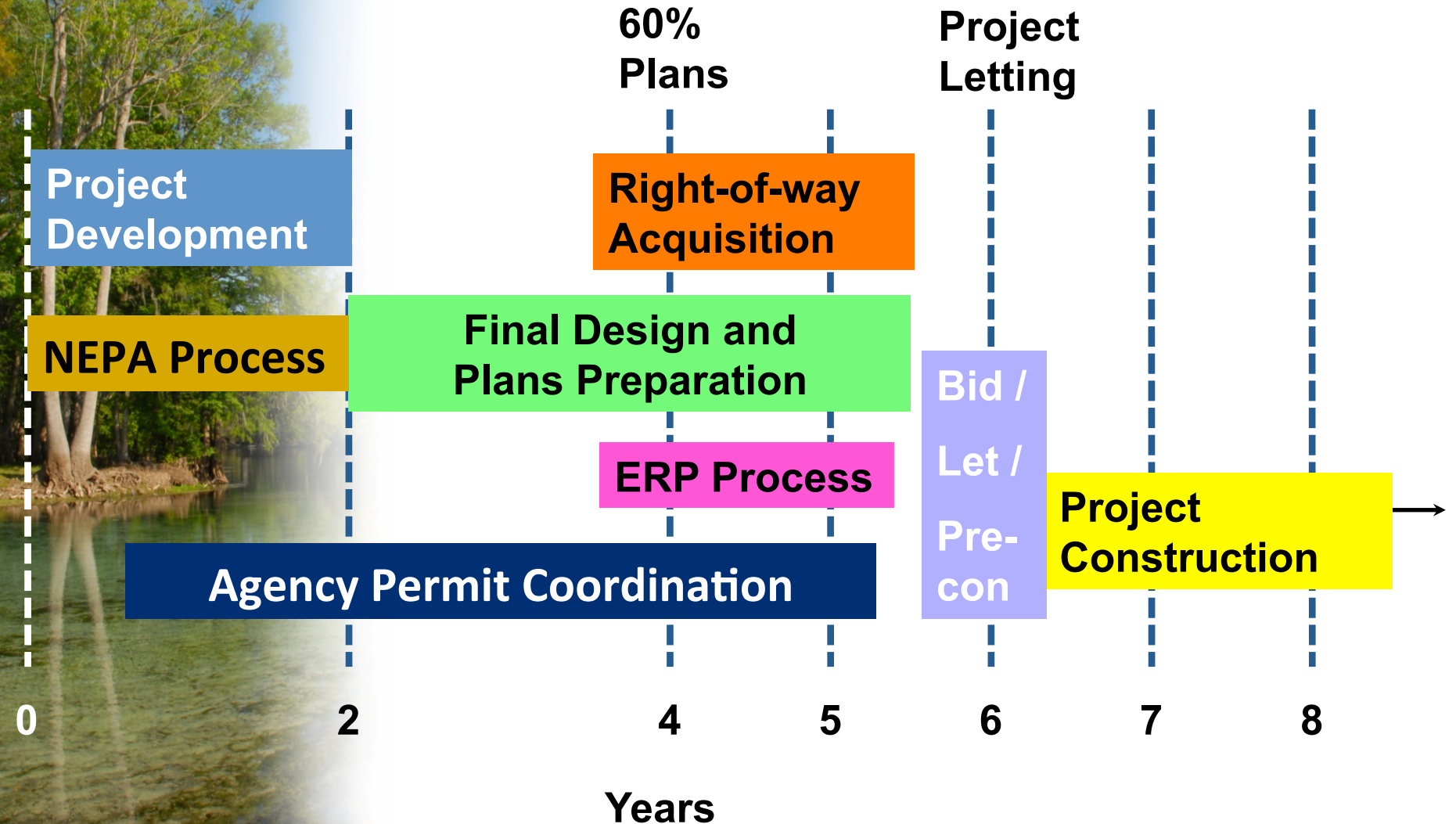
Permitting Summer School  
July 9, 2015

# Topics

- FDOT 101
- Regional Treatment
- Stormwater Re-use
- ELAs!
- SB536 Status & Issues



## Project Timeline



## DOT Mission Statement:

“... and preserves the quality of our environment and communities.”

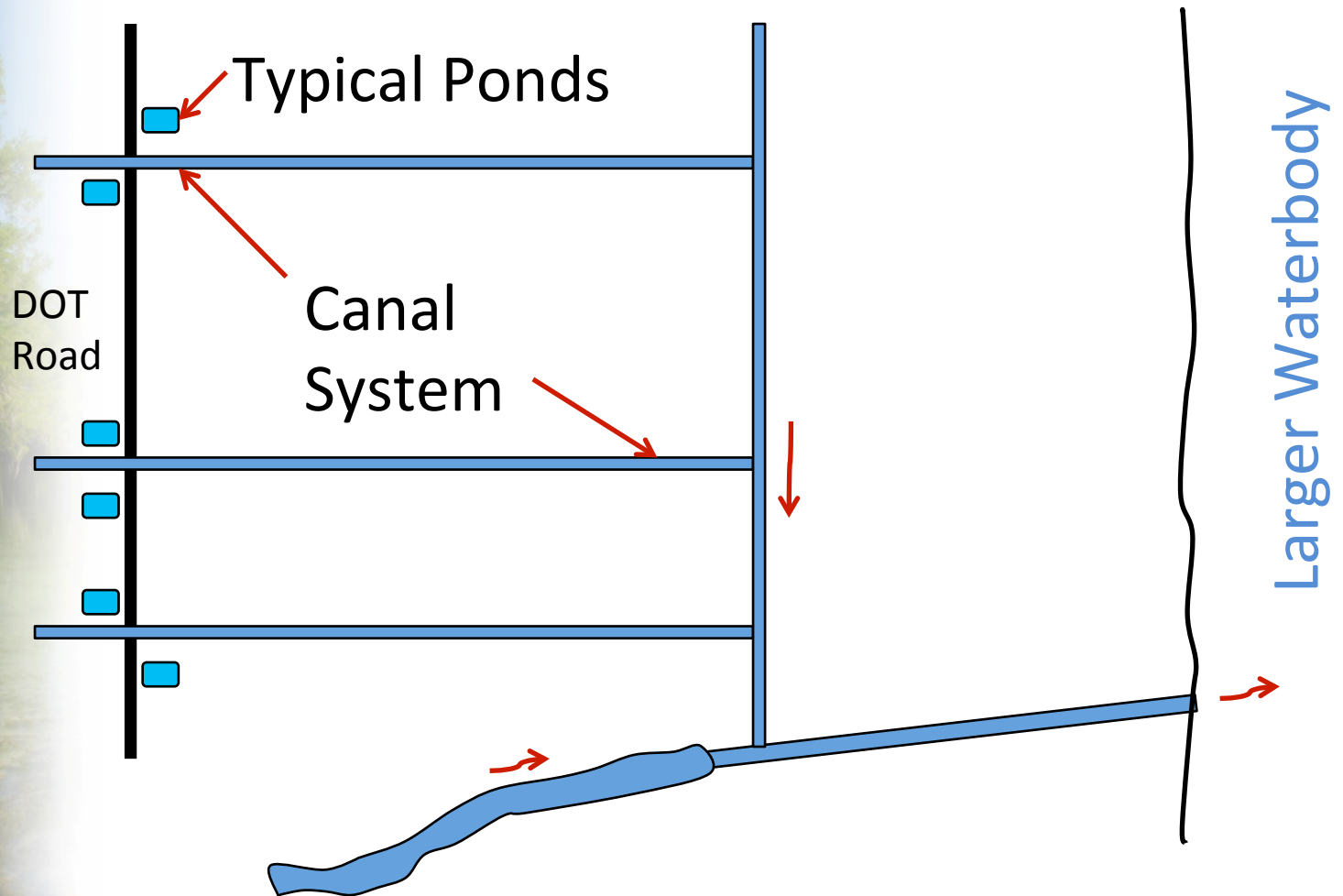
## DOT:

1. Don't look for the minimum; look for opportunities
2. DOT owns state lands and infrastructure that should be available for DEP/WMD use provided the primary DOT purpose is not compromised.

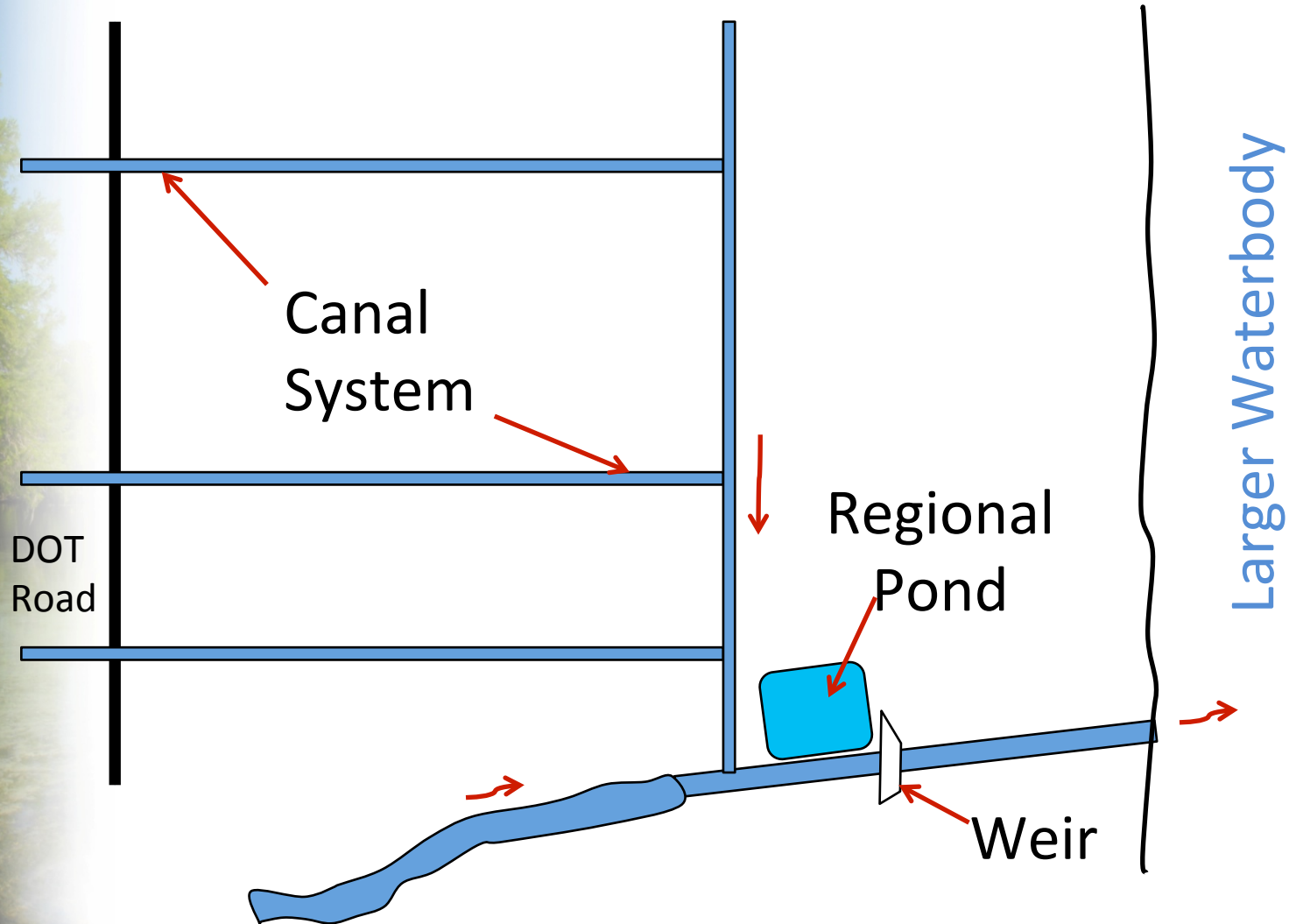
## WMDs:

1. DOT is not just another developer.
2. Do not exact regulatory costs from DOT beyond what we would if the funds for compliance were coming out of our own budget.

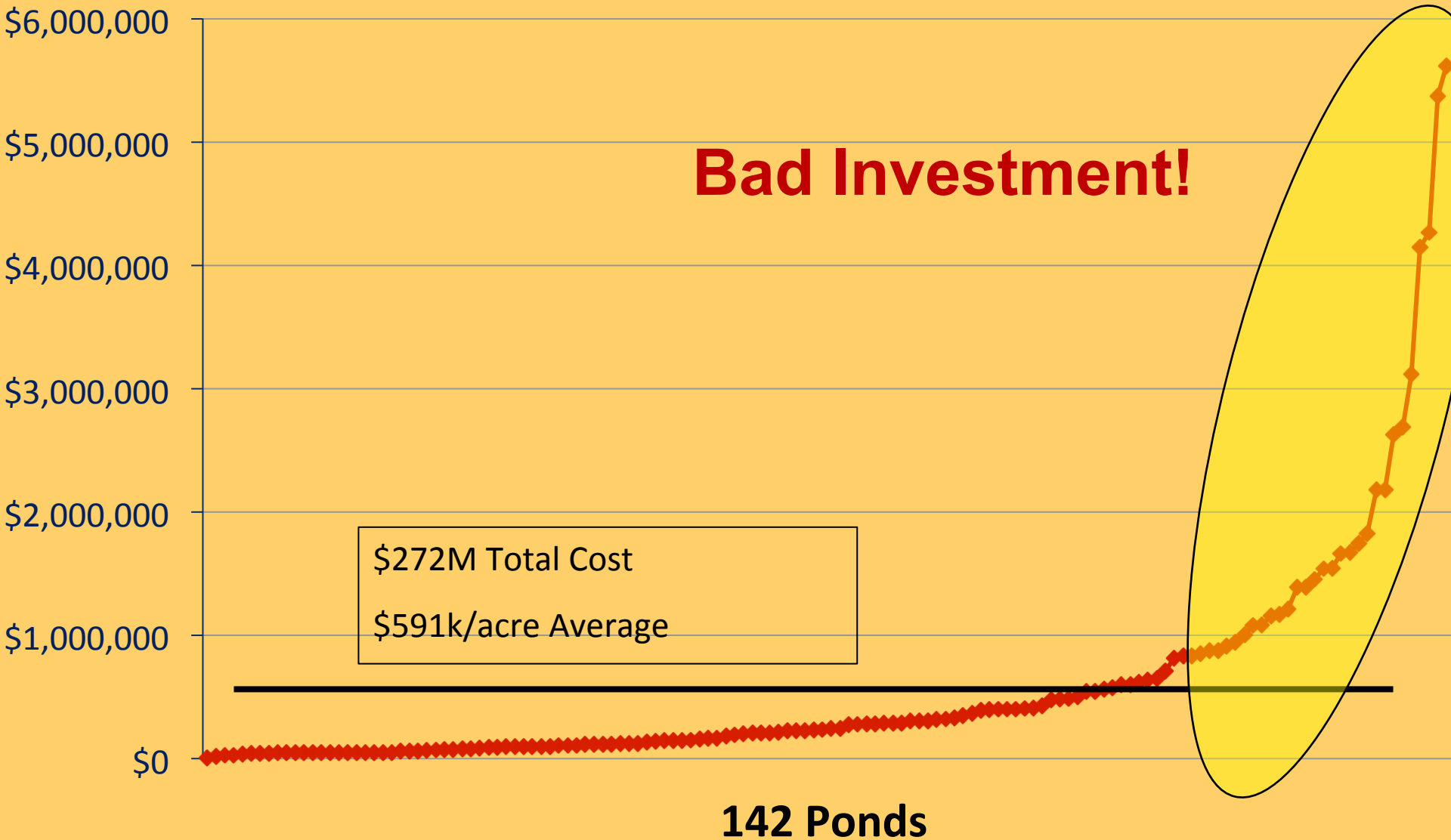
## Typical Treatment Approach



# Regional Treatment

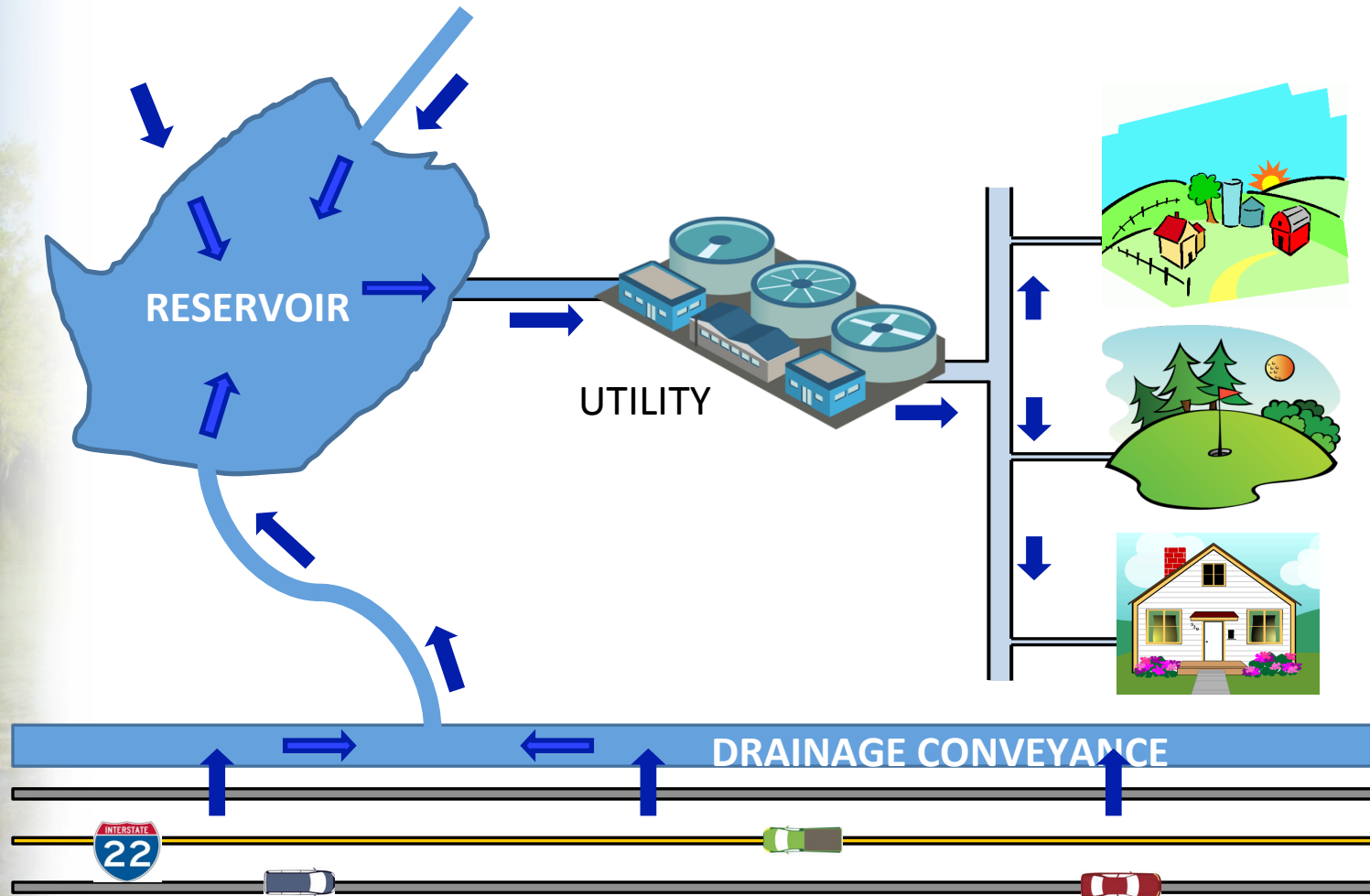


## ROW Costs per Acre





# Regional Treatment for Re-use



# Regional Pond Benefits/Obstacles

## Benefits

- Larger volume of stormwater for re-use
- Improved pollutant removal
- Economy of Scale
- Economy of Location

## Obstacles

- Treatment for conveyance infrastructure
- Questionable eminent domain support for intangible benefits

## A-FIRST

FDOT \$4.5M



SJRWMD \$3.5M



FDEP \$1.5M



Altamonte Springs \$3M + O&M



The Right People in the Right Place at the Right Time

## Environmental Look Arounds (ELA's!)

- Mandatory on all projects with stormwater design
- Includes DEP, WMDs, City, County
- Targeted early: PD&E and Design
- All aspects of Cooperation: Re-use, wetlands, MFLs, BMAPs, Water Supply

# Areas of Cooperation

- ERP
- E & SC
- TMDLs
- Water Supply
- Wetland re-hydration
- Stormwater Research
- Everglades Restoration
- Stormwater Re-use



# Senate Bill 536

## *DOT Inputs:*

- Remove impediments to regional treatment
- Allow prudent post ERP treatment drainage wells
- Use highway drainage infrastructure for public-interest stormwater movement
- Create regional stormwater re-use coordination

# Stormwater Trade Exchange

Stormwater  
Excess



Stormwater  
Users



GIS Interface Library?

Piggyback BMAPs?

Questions?

