

Consider participation in Alachua County Landscape Irrigation Design and Maintenance Standards Ordinance

March 8, 2018



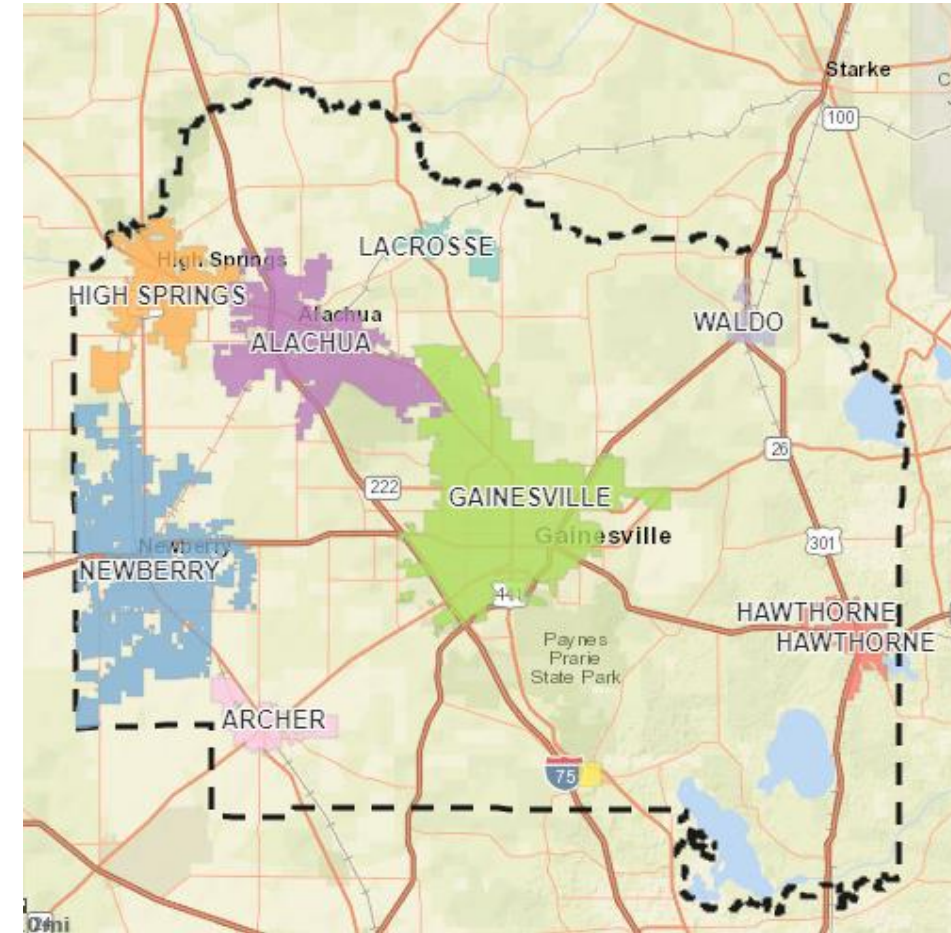
Presentation Overview

- Introduction
- Stakeholders
- Cost
- Recommendation



Re-cap

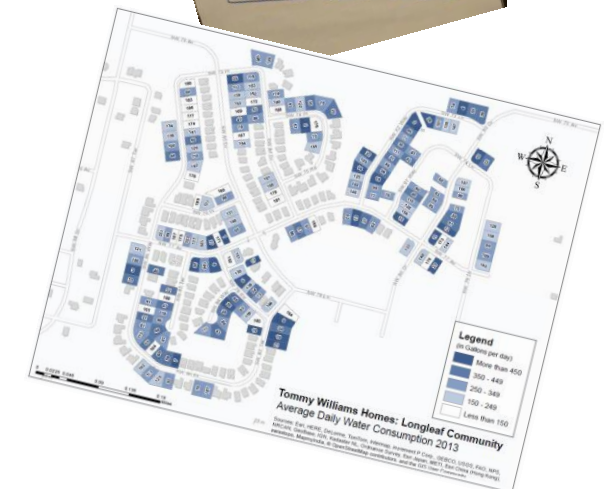
- The Alachua County Board of County Commissioners adopted an Irrigation Ordinance in 2015.
- The Ordinance was implemented in the unincorporated area in 2016.
- All municipalities in Alachua County have the option to opt-in to the Ordinance.
- There are no other municipalities in Alachua County who have chosen to opt-in.



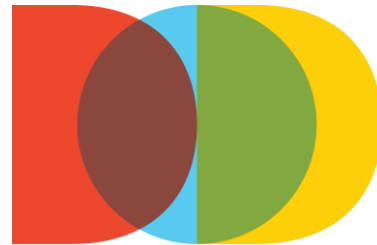
Re-cap

GPC Direction from 11/9/17:

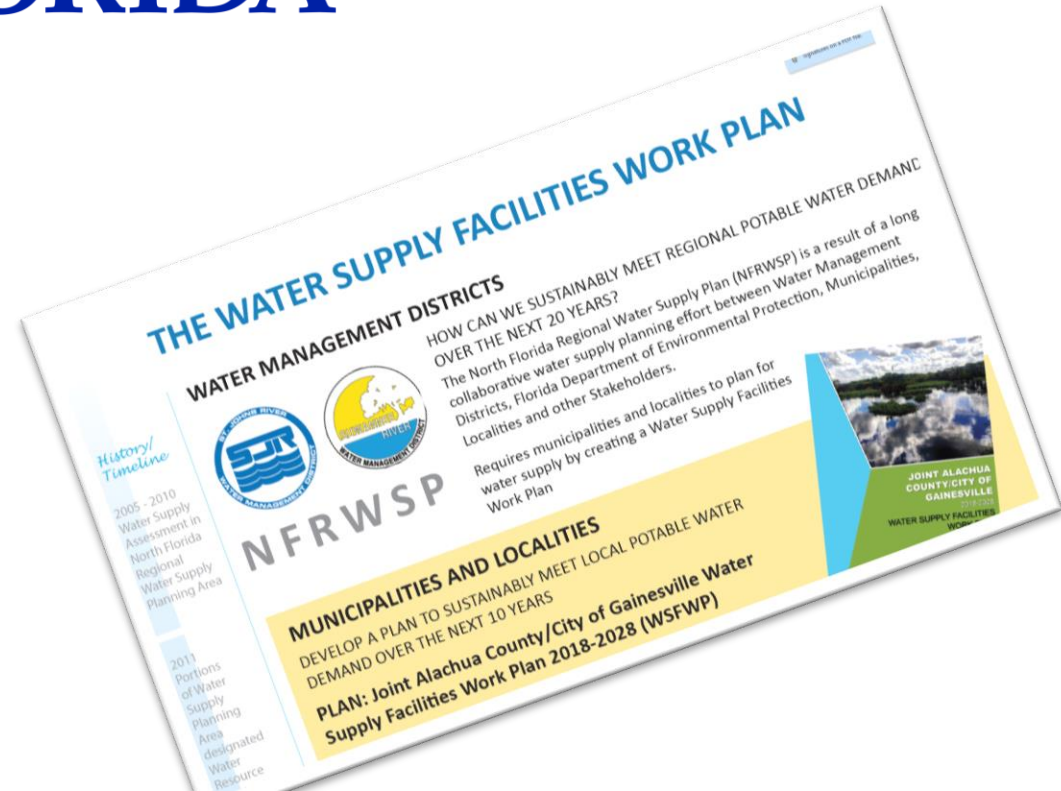
1. bring back the cost of regulating irrigation in the City of Gainesville,
2. reach out to a diverse group of stakeholders, and
3. gather data on water savings in the unincorporated area since the implementation of the Irrigation Ordinance.



Since that time...

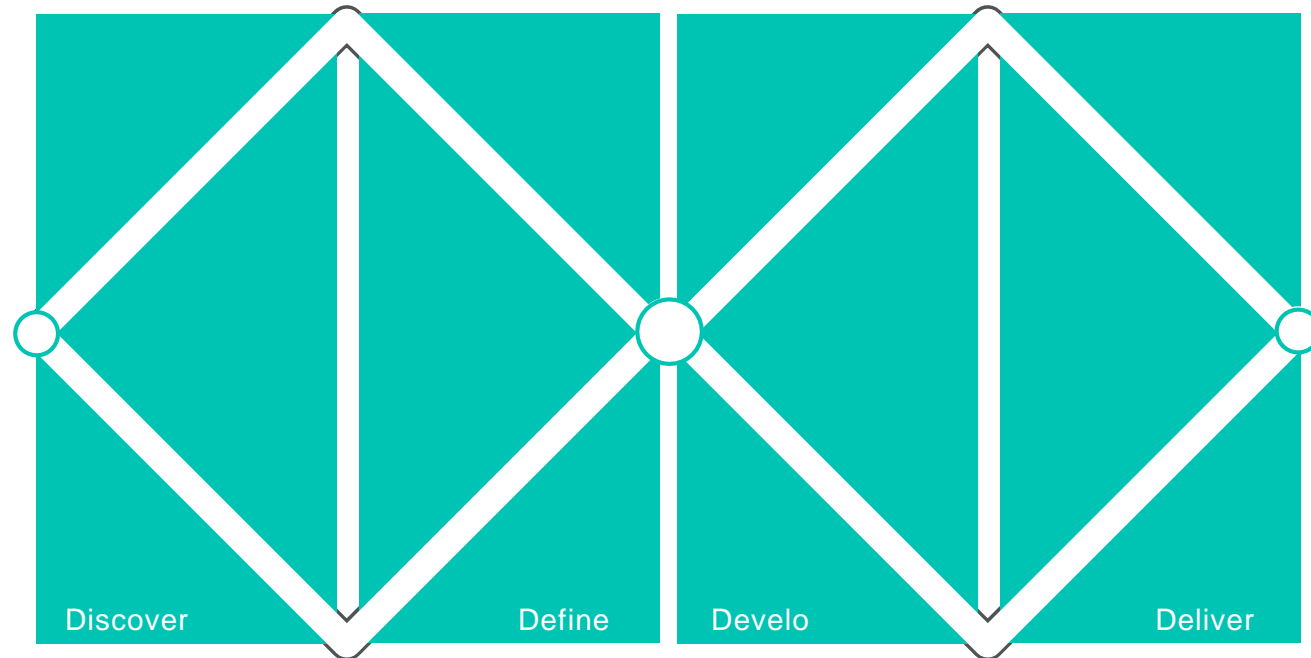


DEPT OF DOING



Design Thinking Process

Diverge & Converge



Design Thinking Process

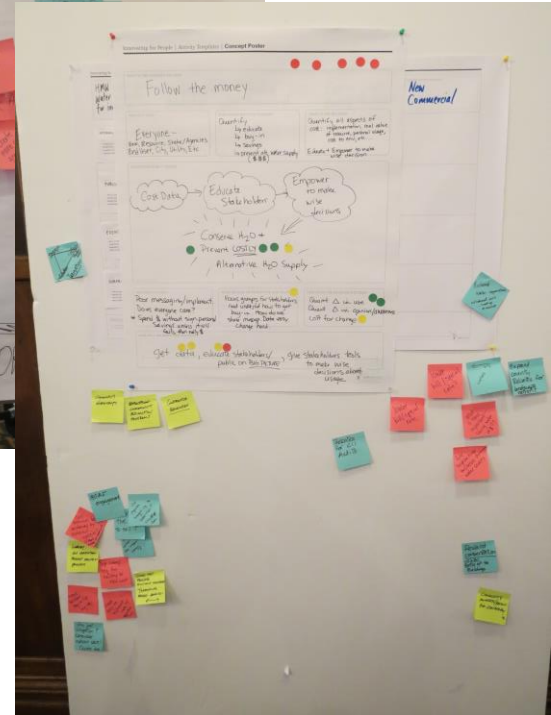
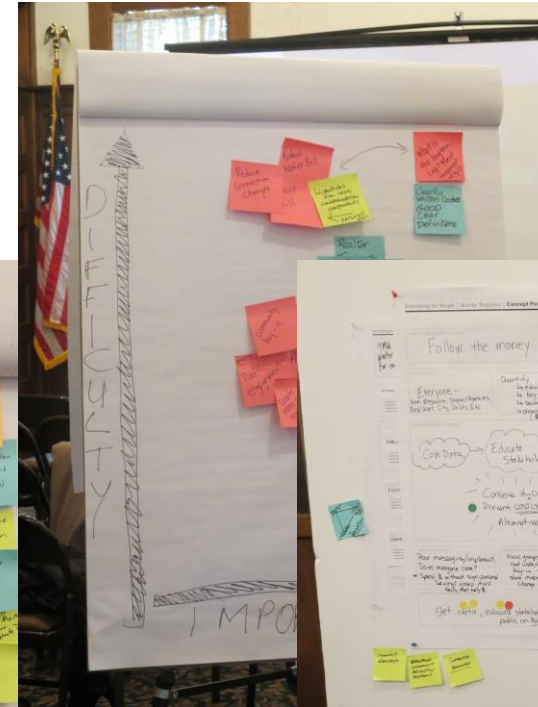
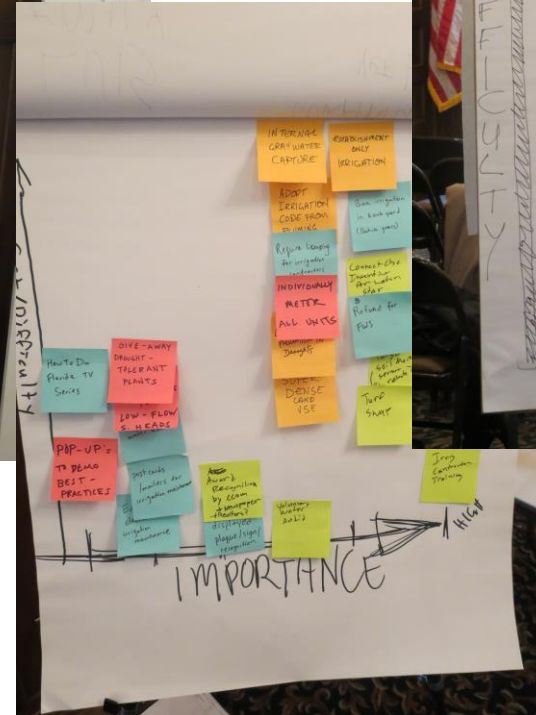
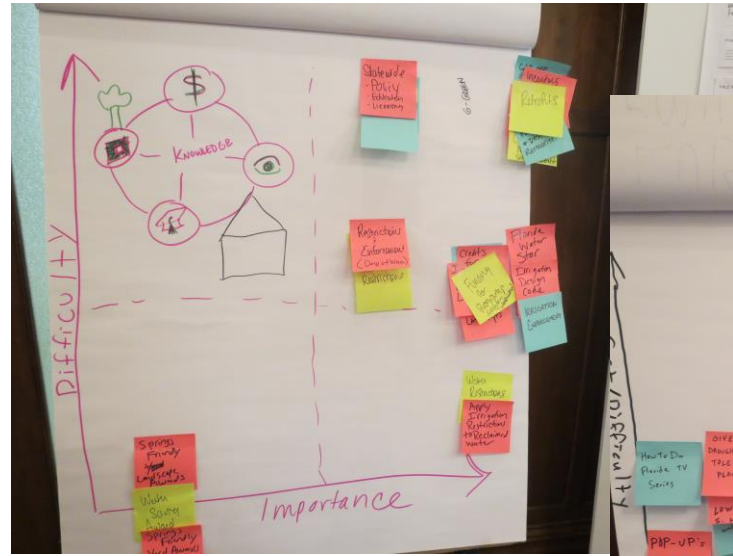
- We introduced the design challenge – **HMW reduce potable water consumption for irrigation?**
- Teams generated ideas through a creative matrix and then prioritized them based on impact and difficulty.
- Four teams then presented their concepts for evaluation, voting, and discussion.



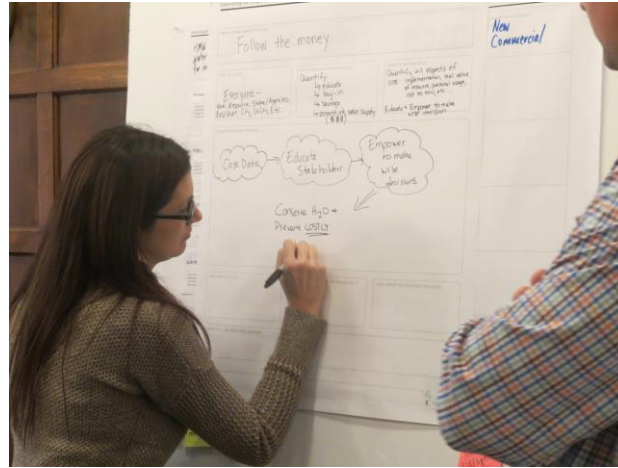
Design Thinking in Action



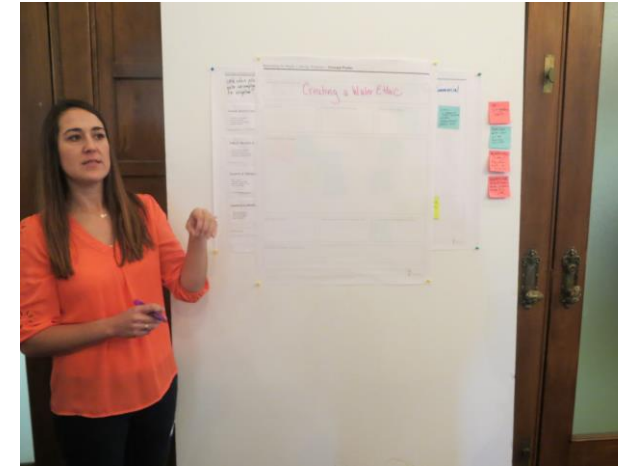
What Did We Hear?



The Teams



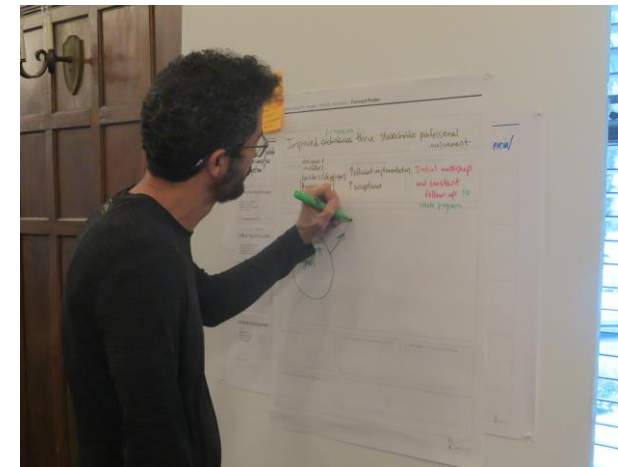
Follow the Money



Creating a Water Ethic



Home Owners Association
Water Use Cap



Improved Ordinance through
Stakeholder Engagement



Feedback

- There was not a consensus to opt-in or opt-out of the Alachua County Irrigation Ordinance.
- **“We need data!”** It was clear that more data and analysis on water irrigation is needed.
- Stakeholders and subject matter experts valued participation early on.



Cost

- Staff estimates the cost of implementing a program established under a City Ordinance would be approximately \$140,000.
- This includes:
 - Education
 - Electronic plan review
 - Stakeholder outreach
 - Inspections
 - Approvals
 - Enforcement

Cost



2018 Real Estate Forum Cut 1

Summary

- The team projects at the Design Thinking Charrette demonstrated that **it's not just about irrigation.**
- Water conservation can be achieved by **effectively implementing a form based code.**
- There are many opportunities to implement a program that promotes water conservation in the City.

Wrap-up

- We still do not have the data that shows that the Irrigation Ordinance reduces water consumption
- Education is critical to a successful implementation
- Ordinances can be improved through an iterative approach
- A Citizen Centered program can be developed in-house with active stakeholder involvement

Recommendation

- Direct staff to work with stakeholders to:
 - draft a City Ordinance for water conservation,
 - develop an outreach, education and implementation program, and
 - establish metrics to analyze the effectiveness of the Ordinance and it's implementation.