

Creating a CIVICally Minded Web App Leveraging Existing Resources



Charles Purma -- IT Project Manager
Megan Bell -- Sr Business Consultant

2014 ESRI UC ~ San Deigo, CA

THE BEST ACRONYM!



CIVIC

Capital Improvements

Visualization, Information & Communication

Core City of Austin Values





Livability & Neighborhoods



342

Permanent Supportive Housing units created

885 acres

of sustainable development underway at Mueller Neighborhood Redevelopment and Seaholm EcoDistrict

Properties Rated Through Austin Energy Green Building



Mobility & Air Quality



2,405
signalization
improvements that ease
traffic congestion



37.8 miles
of new bike lanes built



12.5 miles
of sidewalks added



Let's continue! We read this at a time!



The Foundations

Let's coordinate! We need data on a map!



2011

Open Government

Coordination Meetings

Sustainability

Proof of Concept



2012

Bond Process
Community Team

Council Resolution

2011

"To provide information to the public about how GO bonds and other CIP funds are spent with the development of an online system at austintexas.gov."

The requirements

1. Show how GO bonds and other funds are being spent on city infrastructure
2. Map of projects and programs
3. Key project information (e.g. description, status, funding, etc.)
4. Reports showing the geographic distribution of past and present infrastructure investments

Bunch of meetings

2012

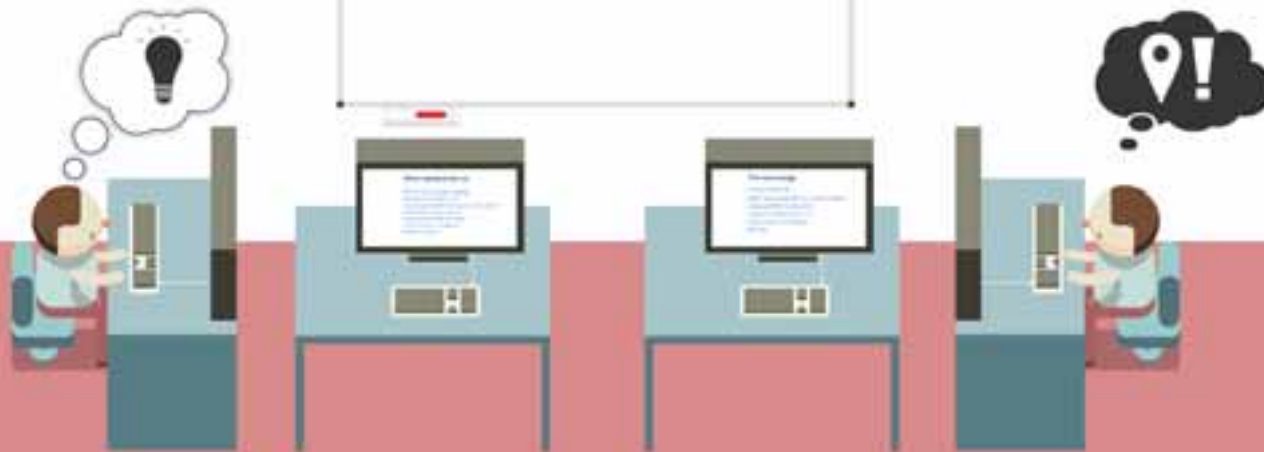
Then waiting...

More waiting...

Even more waiting...

2013 - 2014

...And GO!



What worked for us

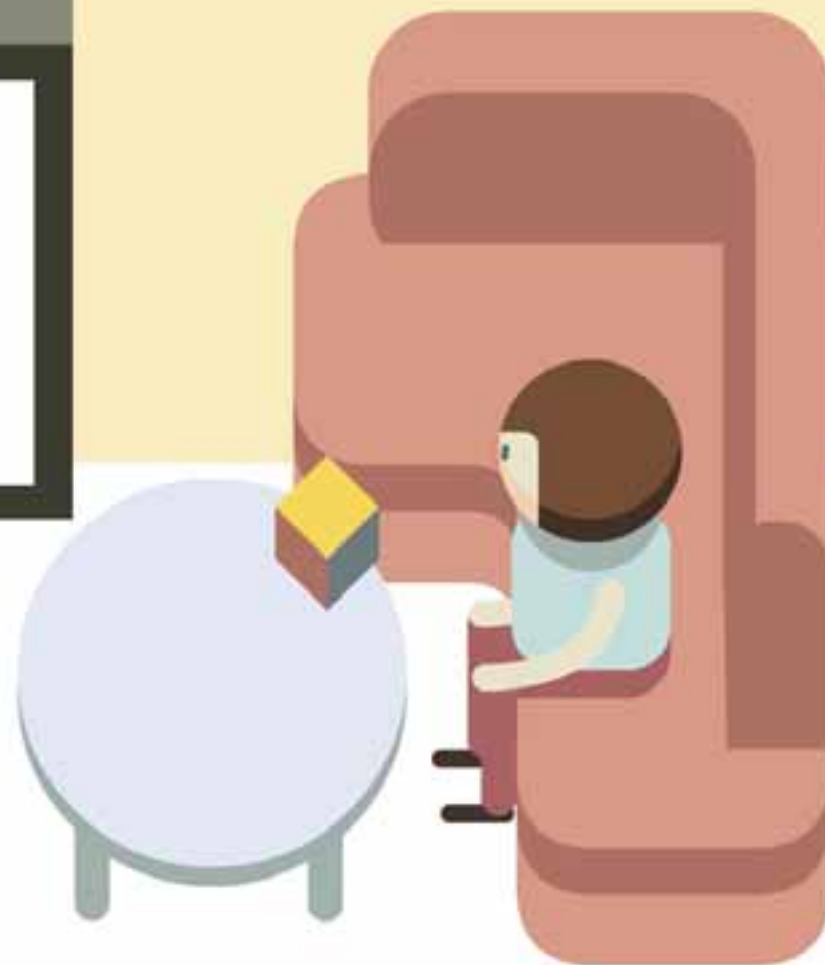
- Get the right people involved
- Research and alignment
- Good requirements that paint clear picture
- User focused, Agile teams
- Leverage existing resources
- Less is more -- simplicity
- Get it out there!

The technology

- Crazy workflow
- ESRI JavaScript API for ArcGIS Server
- ASP.net/MVC Framework
- Twitter Bootstrap for UI
- Old-school for devices
- Drupal

Using GIS to answer CIVIC questions!

<http://www.austintexas.gov/civic>



Using GIS to answer CIVIC questions!

<http://www.austintexas.gov/civic>

THANKS!

Questions?

charles.purmaiii@austintexas.gov

megan.bell@austintexas.gov

