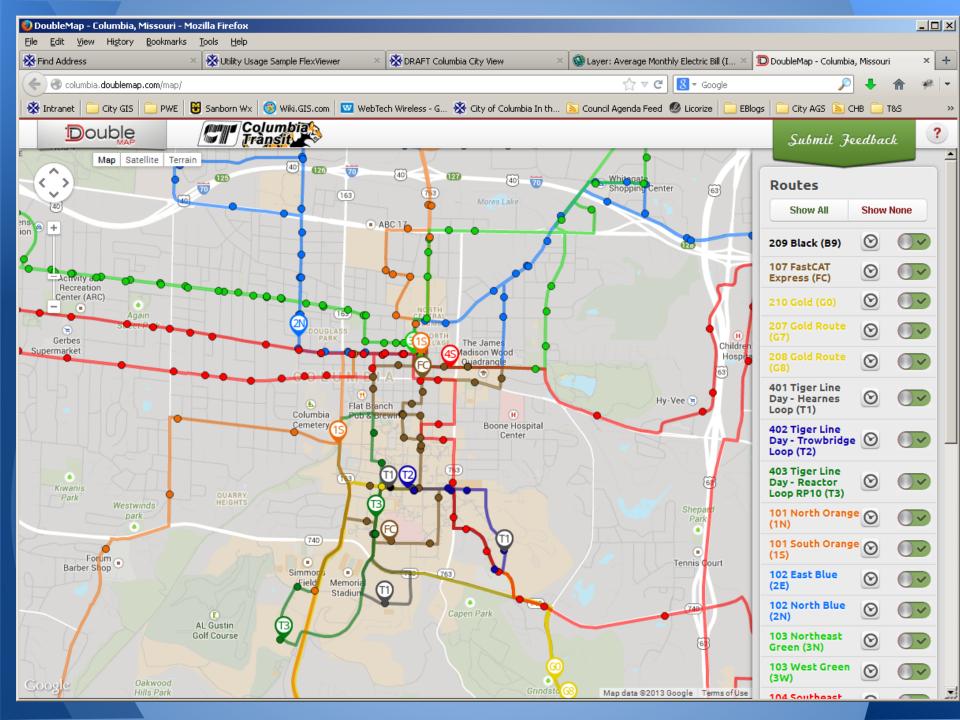




Items - Enterprise Projects

- Fleet-AVL Program
 - Overview
- Utility Information
 - Seeking Council Direction





Fleet-AVL Program

- The City has more than 800 vehicles and pieces of large equipment.
- AVL as a tool:
 - Fleet inventory
 - Management tool
 - Operational efficiencies
 - Enhance service and transparency



Fleet-AVL Program

 Currently negotiating with a vendor selected through an RFP process.

Goals

- Highly available, flexible, and accessible
- Data availability to support decision making and communication
- Make scalable for operational units

Fleet-AVL Program

一个

- Short Term Upgrade existing
 - Public Works Street
 - Worker safety in Public Works Environmental
- *Mid-Term* Build program
 - Divisions budget for and convert fleets
- Long Term Required equipment
 - Included as part of new or replacement vehicles in the City fleet

Utility Information

- Seeking Council Direction
- Update on work and issues since December 2012
 - Process for including new data in CityView
 - Directed to continue work on utility information.
- Columbia is unique → Public record
 - Cost, usage, highs and lows available by contacting the Utility Billing Office.



Utility Information

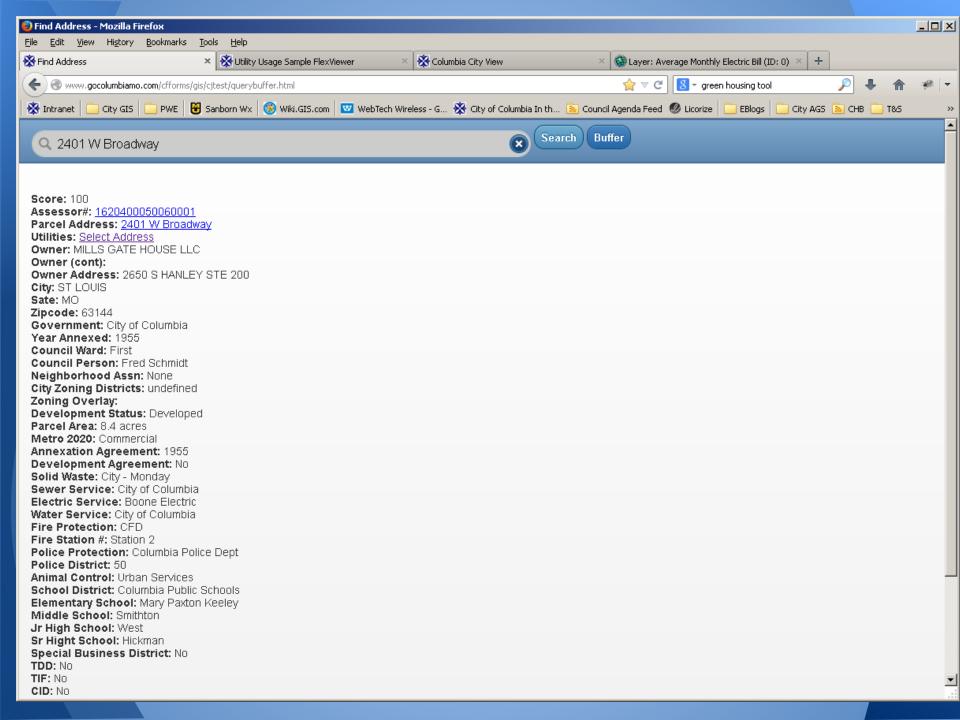
- Requests of the City
 - Green Rental Housing Tool Collaborative
 Project → Rent Rocket
 - Funded by Urban Sustainability Directors Network (Indiana University)
 - Rental Housing Energy Efficiency Group
 - City of Columbia, Columbia Housing Authority,
 Central Missouri Community Action
 - Tools for Tenants model (Orlando)
 - City commissions
 - Neighborhood associations

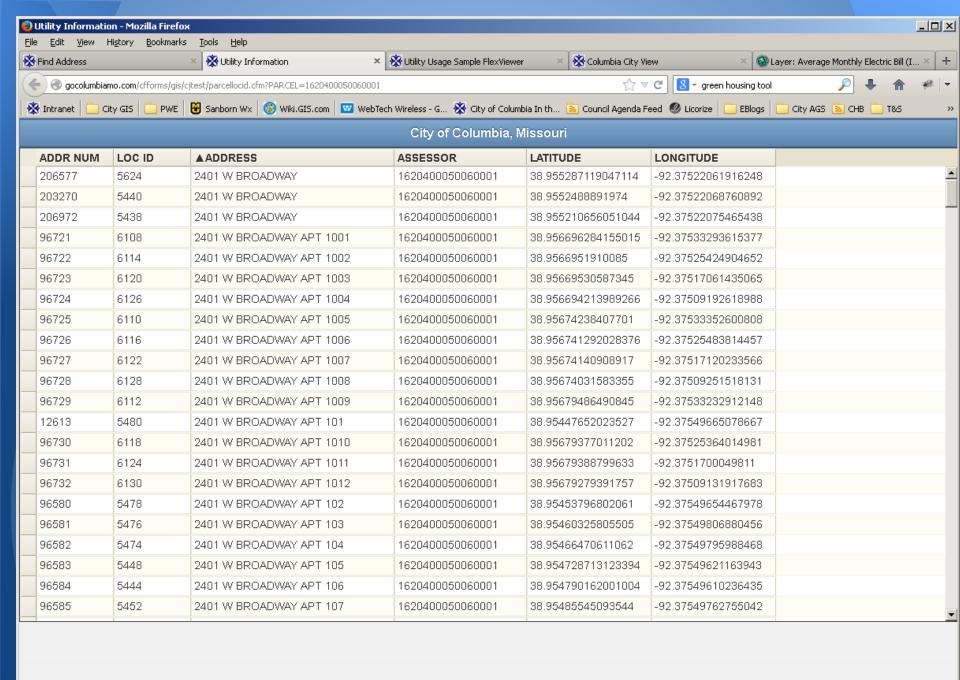


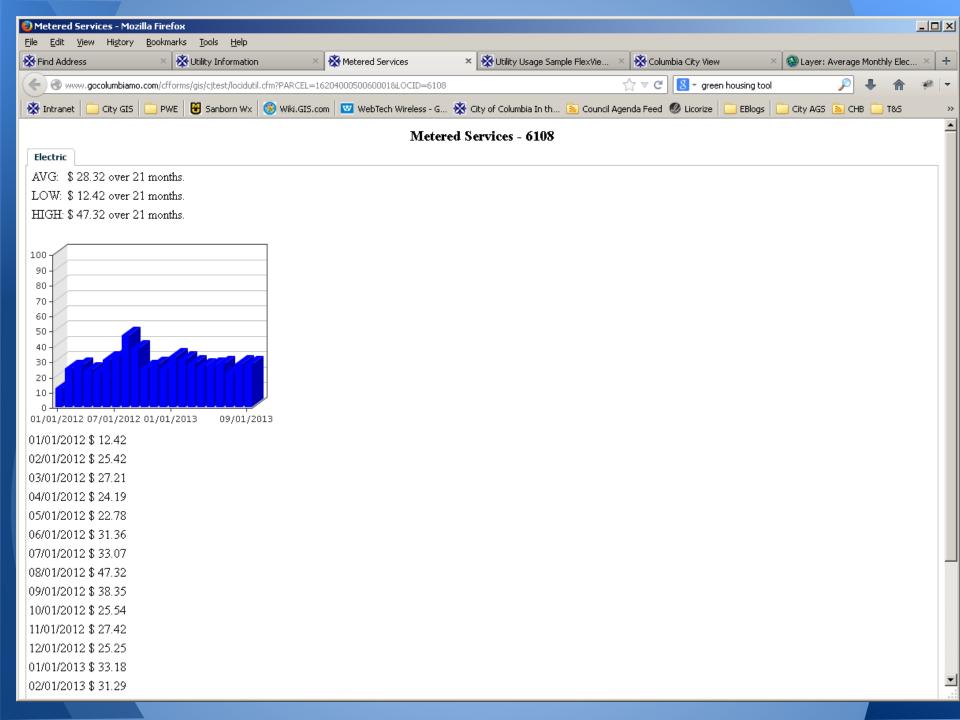
- Goal of effective communication
- Application base
- Map base
 - Points
 - Parcels in City View
- Feed base





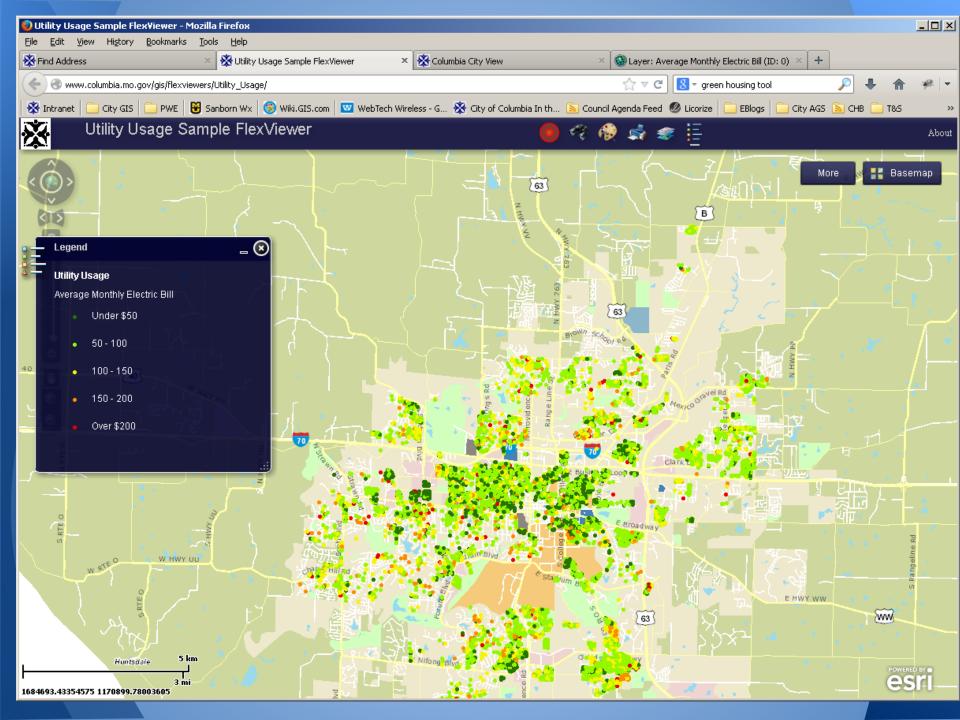


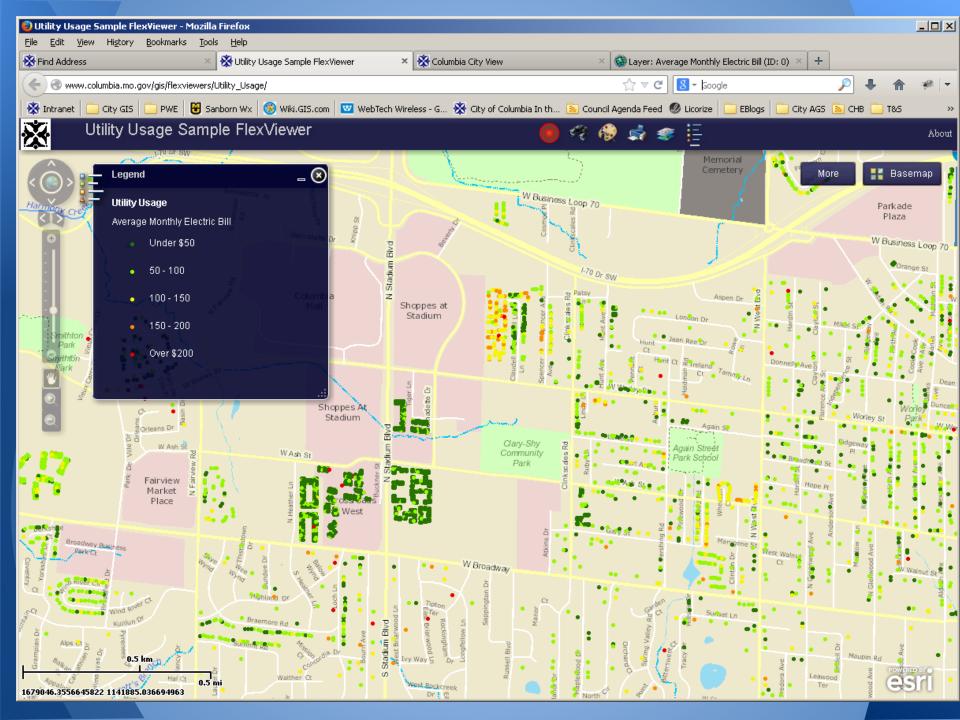


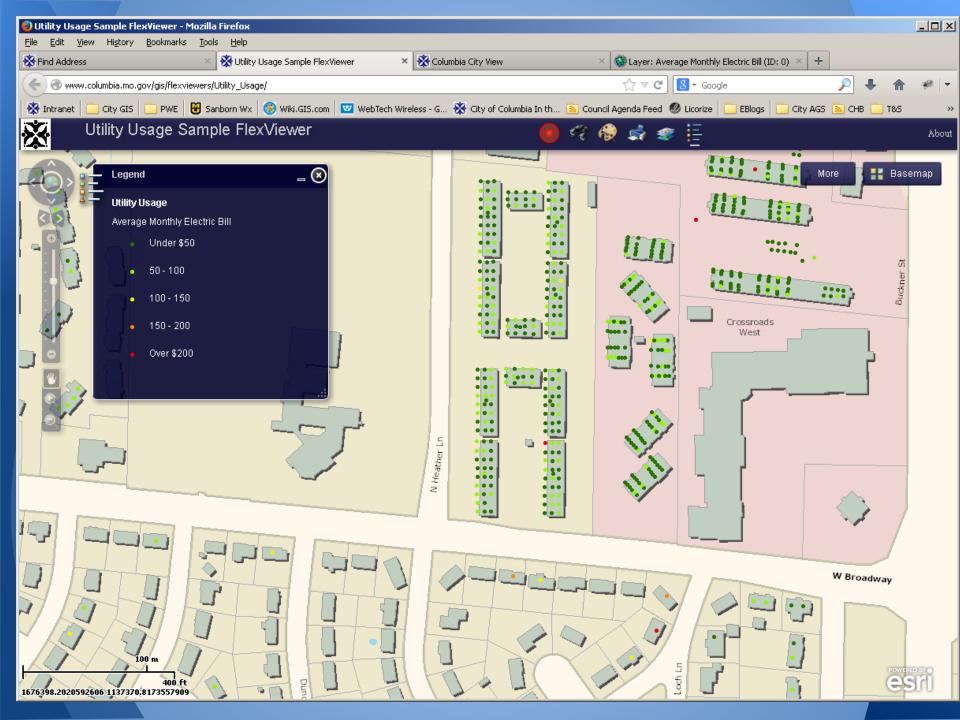


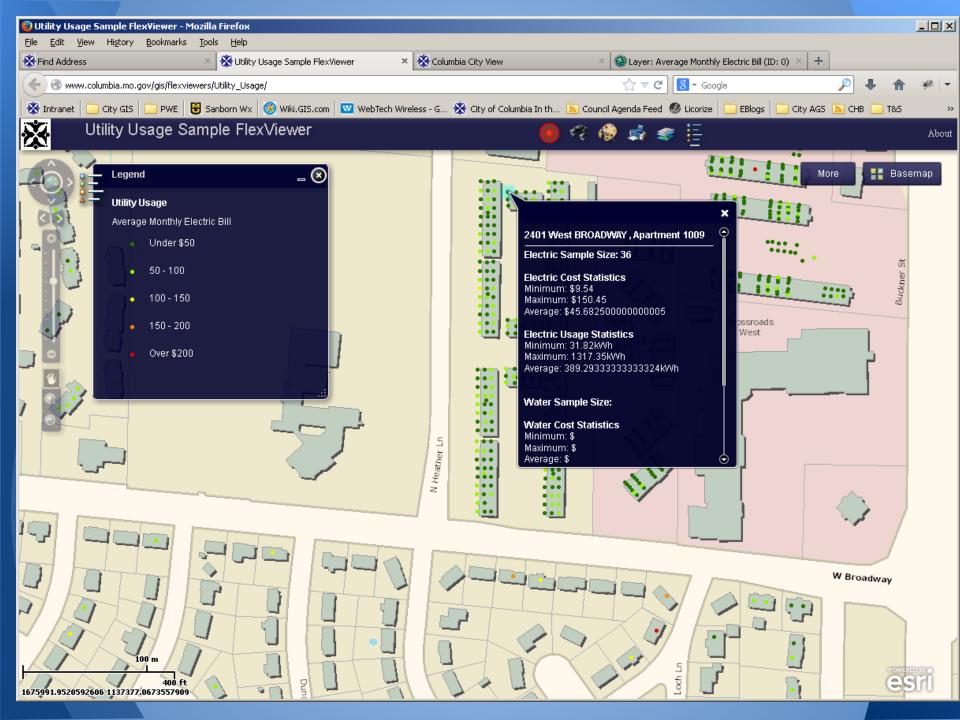
- Application base
- Map base
 - Points
 - Electric cost and usage
 - Water cost and usage
 - 36 month minimum, maximum, average
 - Parcels in City View
- Feed base

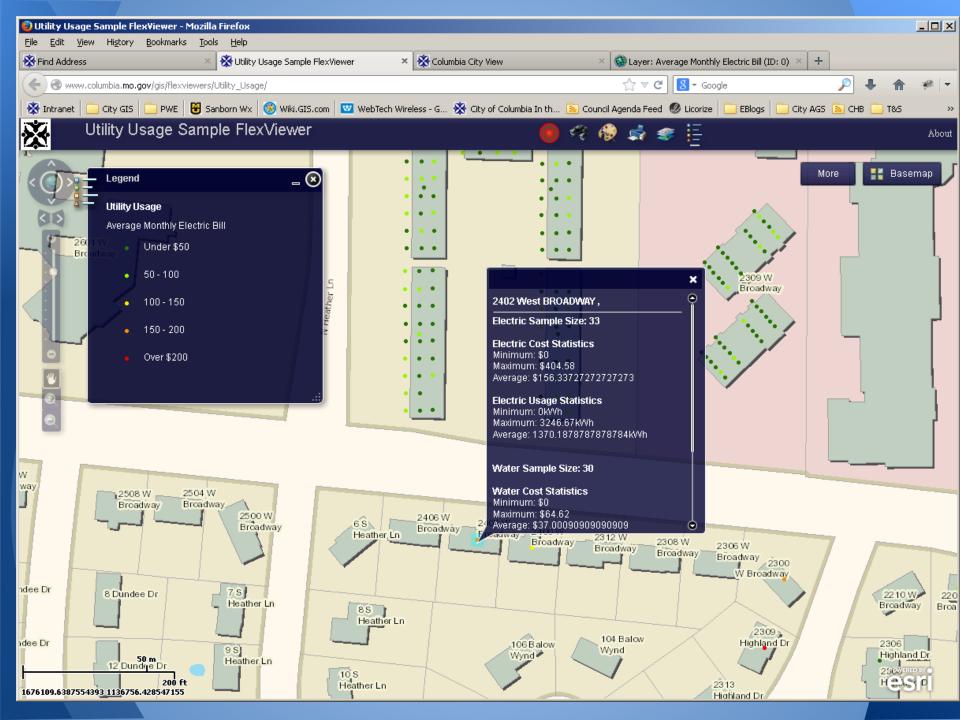


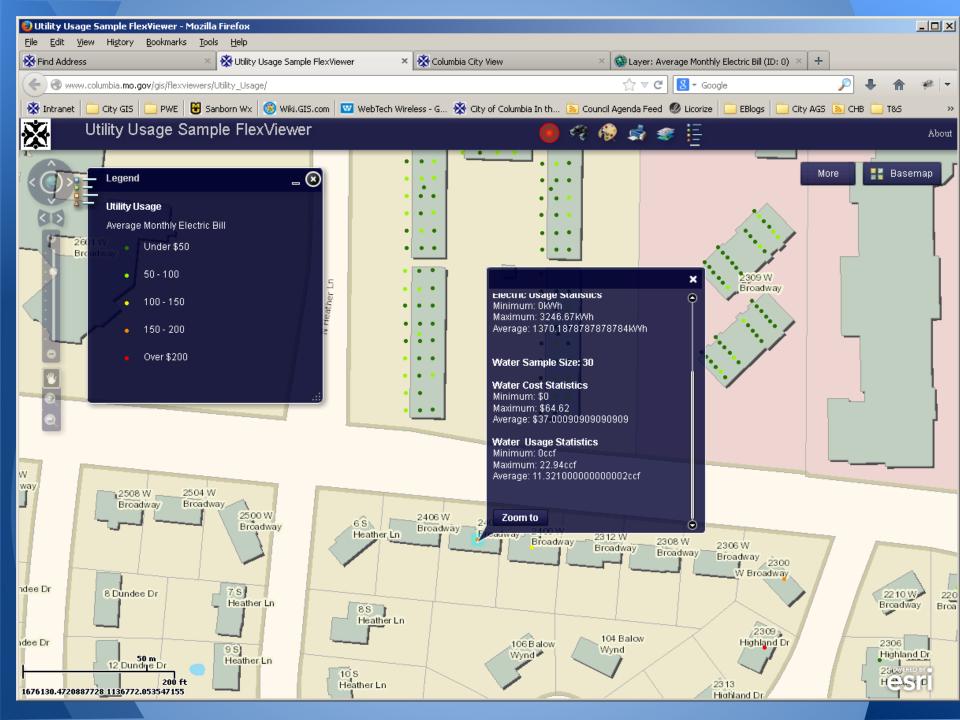






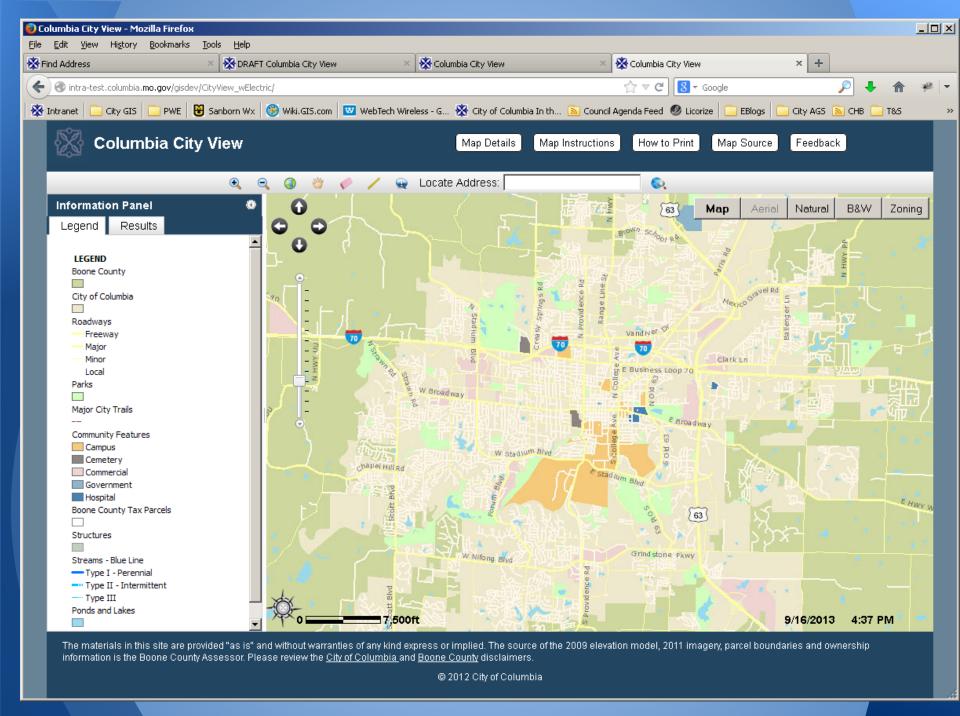


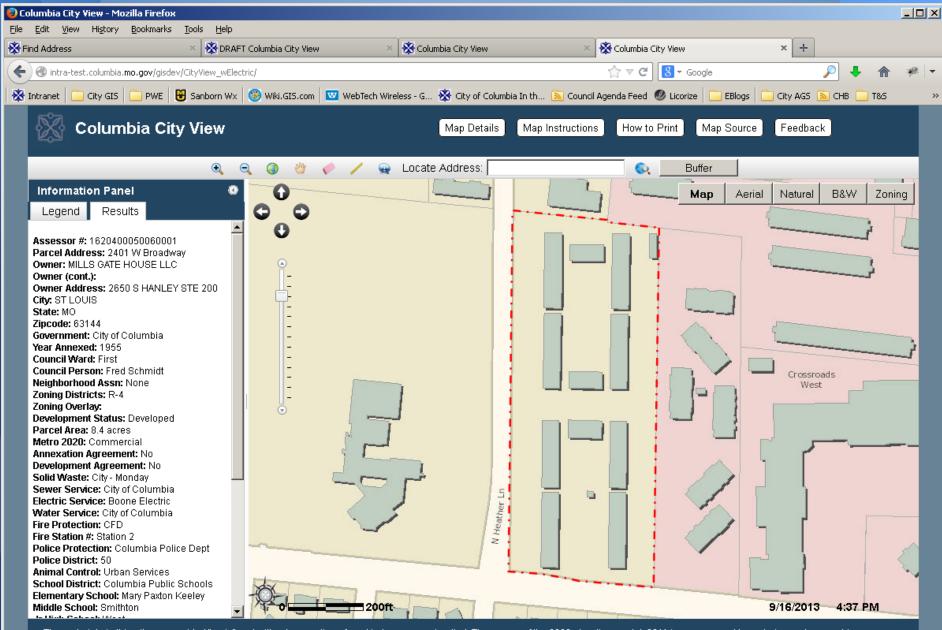




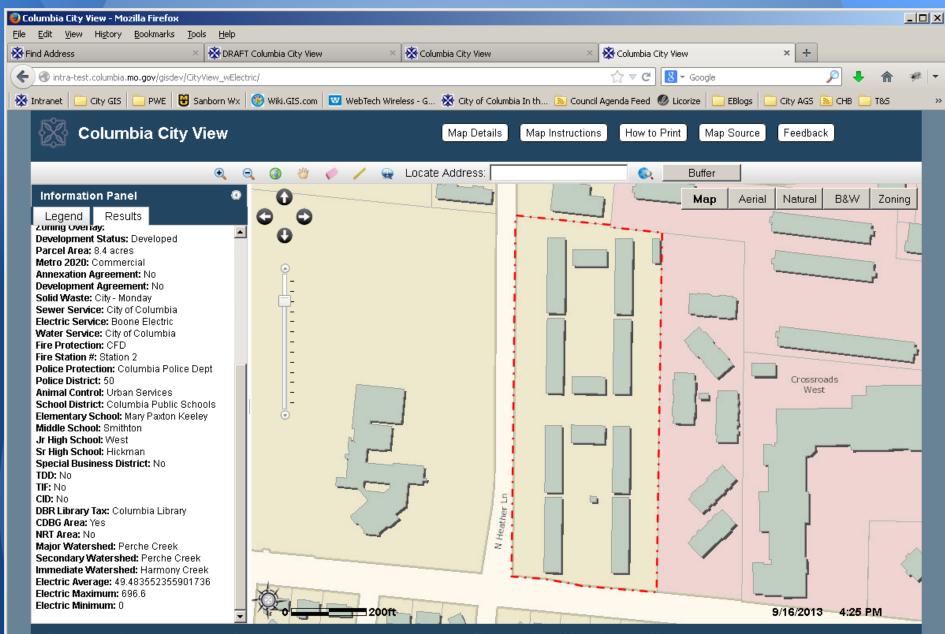
- Application base
- Map base
 - Points
 - Parcels in City View or similar
 - Electric cost and usage
 - Water cost and usage
 - 36 month minimum, maximum, average
 - Rental status
 - Home Performance with Energy Star
 - Occupancy limits
- Feed base







The materials in this site are provided "as is" and without warranties of any kind express or implied. The source of the 2009 elevation model, 2011 imagery, parcel boundaries and ownership information is the Boone County Assessor. Please review the City of Columbia and Boone County disclaimers.



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Proposed Data Table Items

- HPwES Program: Yes or No
- Registered Rental(s): Yes or No
- 36 Month Utility Data -
- Electric Avg. Use kWh:
- Electric Min. Use kWh:
- Electric Max. Use kWh:
- Electric Avg. Cost:
- Electric Min. Cost:
- Electric Max. Cost:
- Water Avg. Use ccf:
- Water Min. Use ccf:
- Water Max. Use ccf:
- Water Avg. Cost:
- Water Min. Cost:
- Water Max. Cost:

- Application base
- Map base
 - Points
 - Parcels in City View
- Feed base



- Constantly updated table where each row contains utility information for an account made available to the public.
- Feed could include:
 - Address information
 - Latitude and longitude coordinates
 - Electric cost and/or usage for billing cycle
 - Water cost and/or usage for billing cycle



Utility Information - Issues

- 1. Making public data more accessible in a different form:
 - Website
 - Web map
 - Data stream



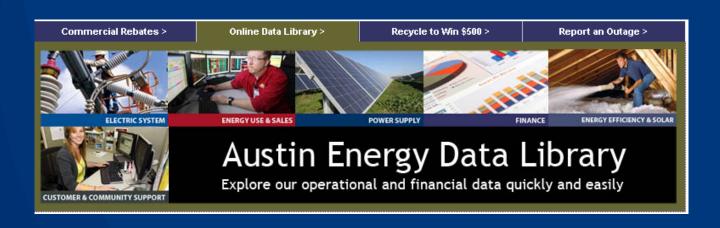
Utility Information - Issues

- 2. The City's system of billing utilities
 - Easy for single-family residential, complicated for many other circumstances
- 3. Inaccurate meter readings
- 4. Data not tell the whole picture
 - Electric heat or gas heat?
- 5. Condition of housing stock varies
- 6. Human behavior varies



Municipal Electric Utilities

- Austin, TX
- o Lincoln, NE
- Springfield, IL
- Springfield, MO
- Ames, Iowa





Potential Policy Directions

- Seeking Council Direction:
- Status quo or open and available.
- If open and available:
 - Each and every or classified
 - Usage, cost, or both
 - Aggregate (parcel or larger), point-based, and/or raw data feed
 - Associated information