(not) Implementing an ArcGIS for Local Government Solution: Election Polling Places Application

31st Annual NEARC Conference
October 2016

Claire Brill, GISP, GIS Manager
City of Worcester, MA
brillc@worcesterma.gov
@brillocale
Bridge over Lake Quinsigamond connecting Shrewsbury and Worcester, Mass.
“By creating public-friendly pages to promote the city’s place-making efforts, as opposed to the cumbersome PDFs often employed by city governments, the Chicago Riverwalk experienced unprecedented success in a very short time, after 20 years of slow blue space development.”

Worcester Magazine, June 9, 2016
Presentation Outline

1 – overview of development timeline

2 – questions & observations on the process

3 – status of current implementation
Hydrants & Basins - Keep Them Clear

Adopt a Hydrant

The winter months bring a special concern to the Worcester Public Works & Parks and the Fire Department. Winter storms can often hide fire hydrants under a mountain of snow making them impossible to find quickly. In the event of a fire, firefighters have to locate and shovel out fire hydrants before hooking up to them. Precious time is lost. Please don’t let your neighborhood hydrant remain under cover.

We are asking that you help us by keeping the fire hydrant closest to your residence or business clear of snow. We need a 3 foot clearance on all sides. When shoveling snow be aware of vehicle traffic. Do not stand in the street and be careful not to slip and fall out onto the roadway.

To Adopt a Hydrant, please call the DPW Customer Service Center at (508) 929-1200. Please keep the hydrant clean of snow during the winter months. Also, keep hydrants free of overgrowth (grass and weeds) the rest of the year. For doing this, you will receive a hydrant adoption certificate along with our sincere thanks. Citizens and civic groups (Boy Scouts, etc.) can "adopt" a hydrant or hydrants in their neighborhood.

Clear a Catch Basin

Catch Basins are the receptacles below the square grate in the street next to the curb. They are designed to direct overflow from storms and catch debris that should not be transferred to local receiving waters. Please help us reduce local street flooding during storms by clearing debris, leaves or snow from the tops of catch basins.

To locate Hydrants and Catch Basins in your neighborhood:

- Start typing your street in the search box then select it from the dropdown.
**GOALS:** Configure infrastructure outside firewall
Demonstrate GIS web application utility
2013 – Geometry Service Bug

2014 – ArcGIS Server and Geodatabase copy on web server

2015 – Summer intern project: Election Polling Places
City of Worcester Voter Search

You may search the voter database by entering your last name and date of birth. The search results include voter and polling location information.

The Board of Election Commissioners has voted to change the following polling locations. This change is effective for all future elections.

- Official Notice of Polling Location Change - Ward 5 Precinct 2
- Official Notice of Polling Location Change - Ward 7 Precinct 1

Voter Details:

Related Pages: City Clerk - Elections

The following results are from the Commonwealth of Massachusetts Central Voter Registry. If you have any further questions, please contact the Election Commission office at (508) 799-1133 or email elections@worcesterma.gov.

Name: BRILL, CLAIRE J
Address:

VOTER INFORMATION:
District: 1 Ward: 3 Precinct: 3
Voter Status: Active
Party:
Next Election: March 1, 2016 (Presidential Primary)
Polling Location: ZION LUTHERAN CHURCH, ENTER HALL FROM LEEDS STREET 41 WHITMARSH AVE
2013 – Geometry Service Bug

2014 – ArcGIS Server and Geodatabase copy on web server

2015 – Summer intern project: Election Polling Places

2016 – Presidential Primary Season
My Questions

• How would the outcome have been affected if the Clerk/Elections staff were consulted before the web staff?

• If the integration piece was handled by consultant, would the process have gone faster?

• What is an appropriate response when asked “What does this app add to our current solution”?

• When will we have a master address database?
Key Observations

- long range planning (dreaming) sets the stage
- webinars, newsletters and listservs are valuable resources
- ArcGIS for Local Government Meetup is worth your time 
  (http://www.meetup.com/topics/esri/all/)
- solutions to problems might deliver broader benefits
- project goals provide important guidance
- good help from Esri is available (just keep asking)
- a master address database would be useful
(not) Implementing an ArcGIS for Local Government Solution: Election Polling Places Application

Claire Brill, GISP, GIS Manager
City of Worcester, MA
brillc@worcesterma.gov
@brillocale

Thank You!
Vote.gov

Voter Registration Deadlines

Maine – October 18 (in person: November 8)
Massachusetts - October 19
New Hampshire - October 29 (in person: November 8)
Connecticut - November 1 (in person: November 8)
Vermont - November 2
(NY, RI deadlines have passed)