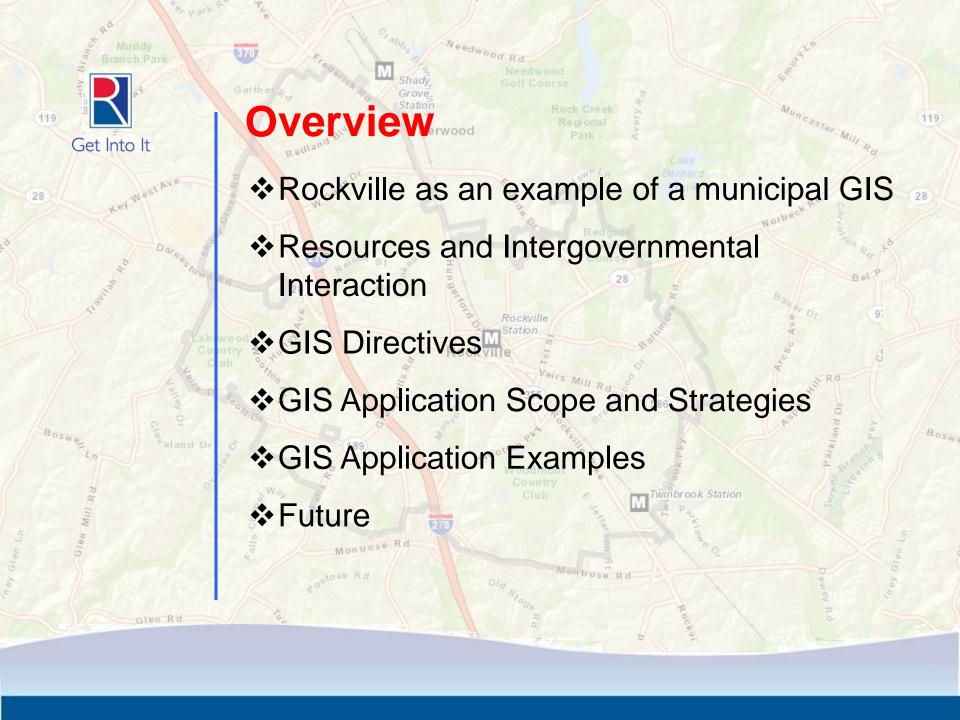
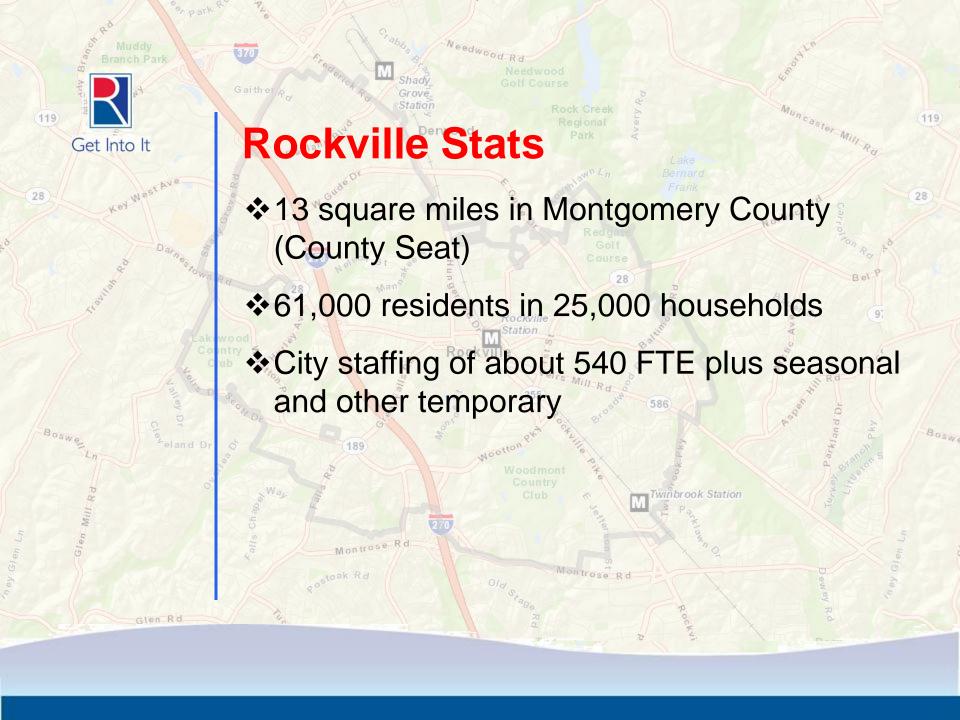


Municipal GIS Uses and Applications

Marc D Weinshenker, GIS Manager City of Rockville

> MSGIC Quarterly Meeting 16 July 2012







GIS Resources

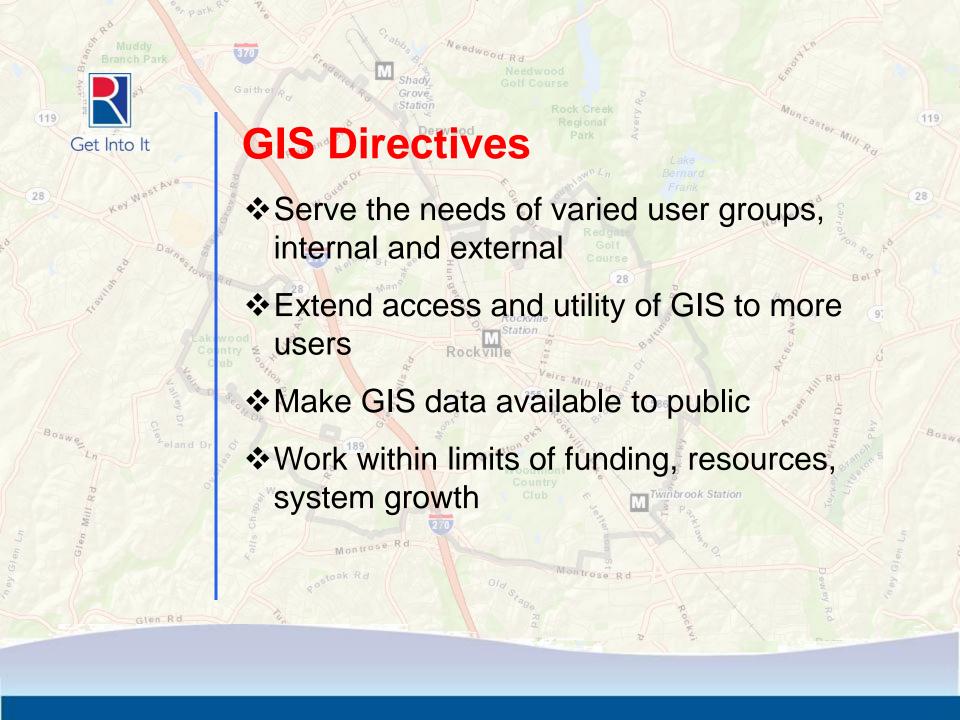
Montrose Rd

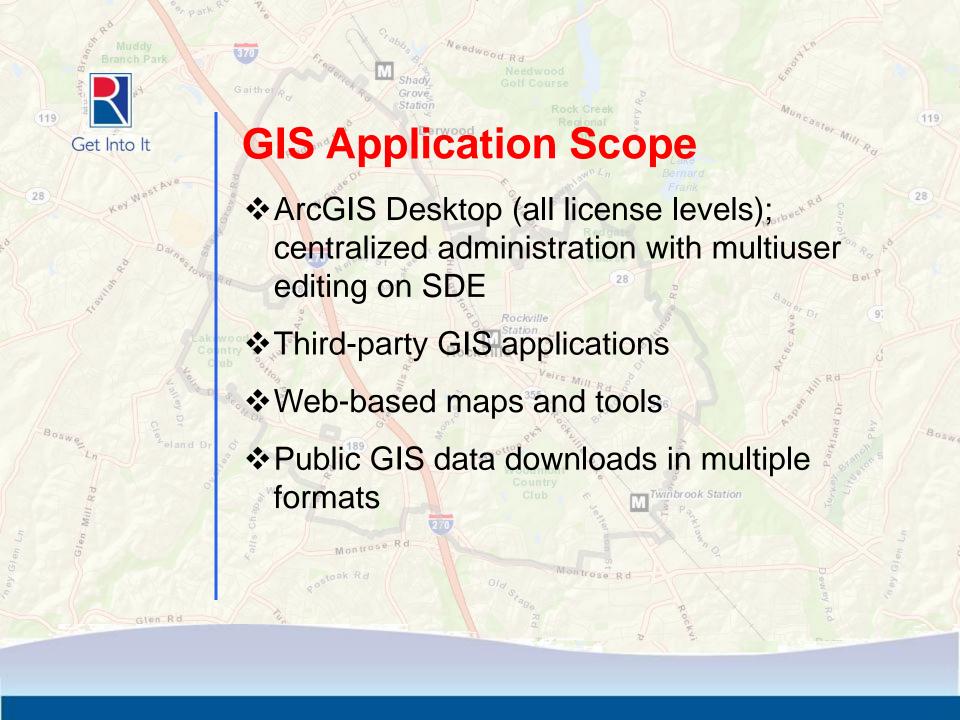
- GIS staffing = GIS Manager in IT + Public Works GIS Specialist + Planning GIS Specialist
- GIS software = 15 ArcGIS Desktop concurrent licenses (incl. 3 each ArcEditor and ArcInfo) + ArcSDE on SQL Server + ArcGIS Server + EDN subscription
- GIS operating budget = \$59k (91% for ongoing maintenance of software, data, and hardware)
- ❖ Development resources = GIS Manager



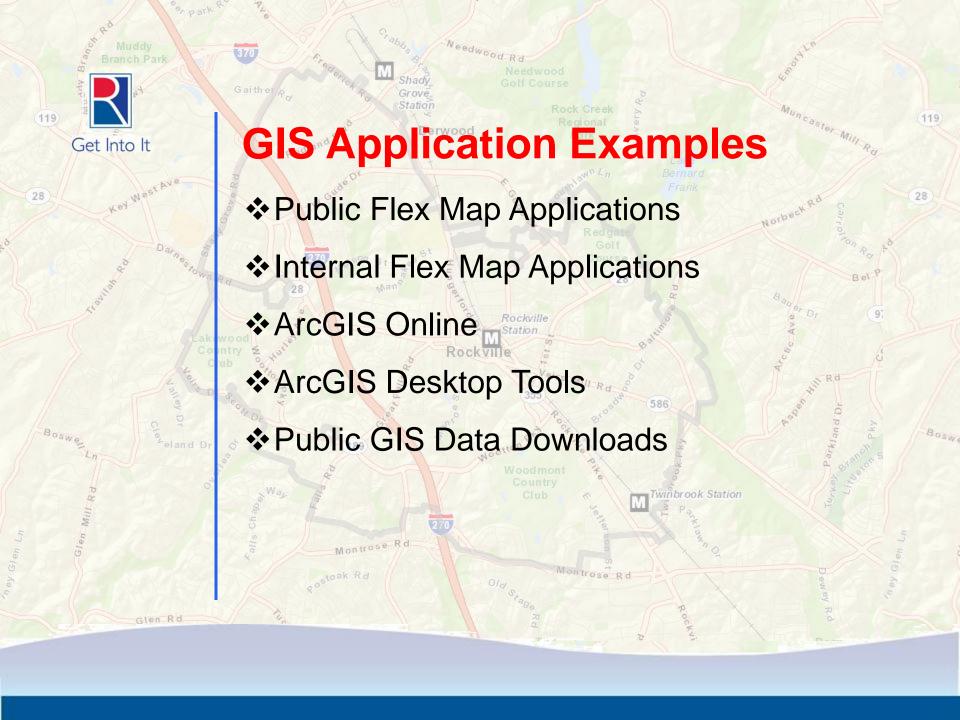
Intergovernmental Interaction

- Rockville is mostly self-sufficient for data
- Municipal: data exchange as needed
- Montgomery County: orthophoto & Pictometry, data exchange as needed, SWM fee coordination with treasury office
- State: MD Property View subscription
- *Regional: MWCOG, NCRGDX participation

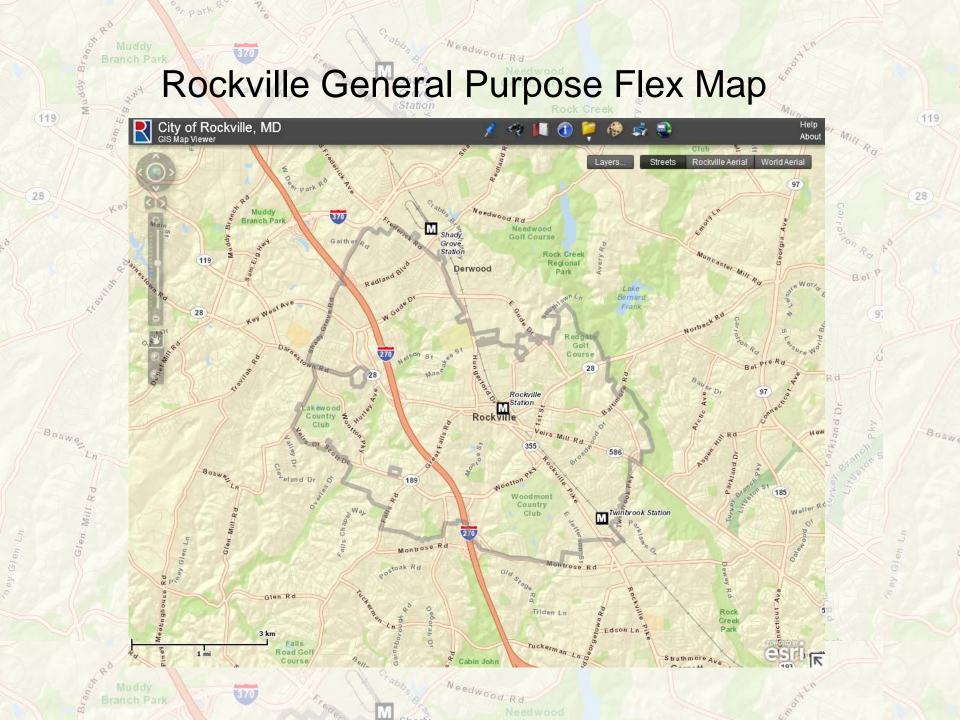


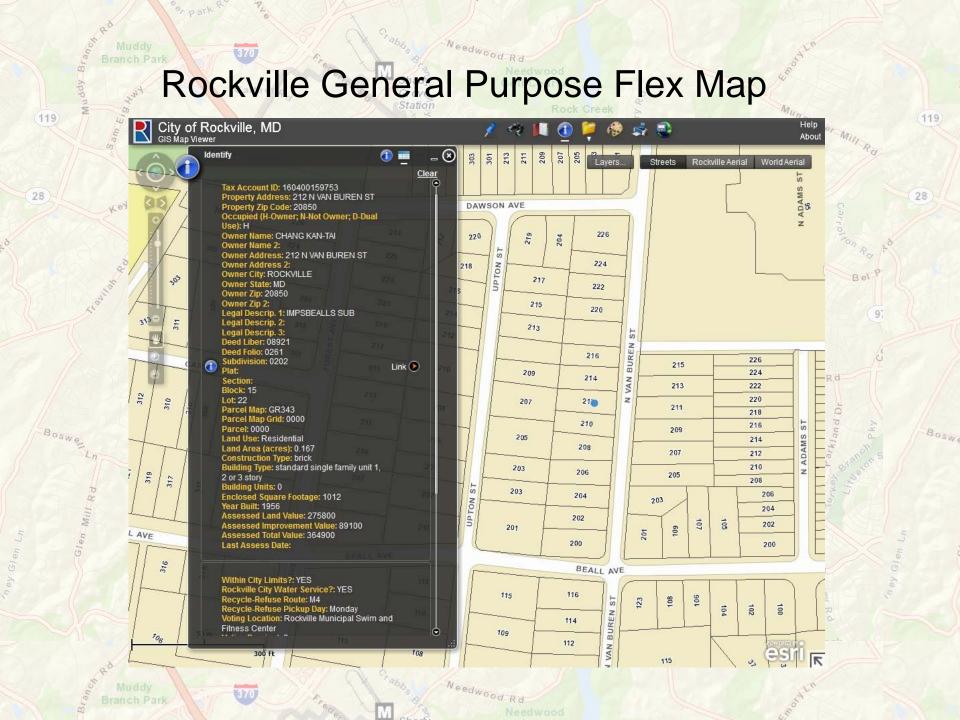


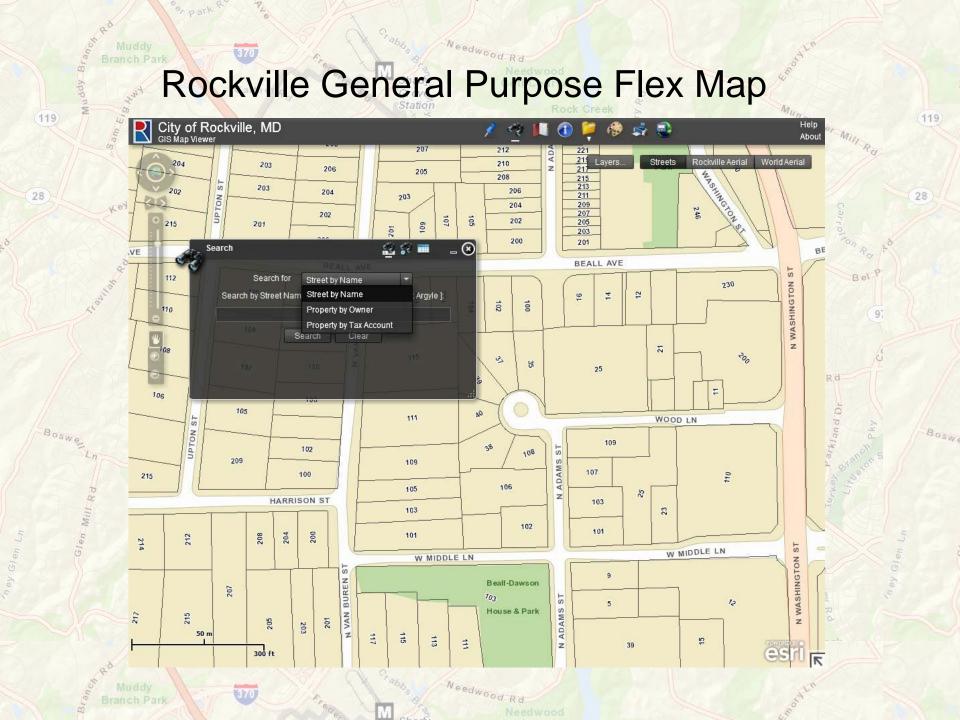
















Business

Search

Contact Us

Geographic Information

Residents

Map Summary

Home

Map Orientation and Quick Reference

System Map Viewer

Map Content Control

Map Navigation

Toolbar

119

Find an Address

Search

Bookmarks

Identify

Map Overlays

Draw and Measure

Print and Export

Revision History

Home > GIS > Viewer > City of Rockville GIS Map Viewer Help

Visitors

Select Language

FAQ₅

Forms

Powered by Google Translate

City of Rockville GIS Map Viewer

Government

(Internal)

This general purpose GIS map viewer is intended for basic mapping, finding addresses, and retrieving information at locations including property parcels and places of interest within the City of Rockville. The map content consists of a combination of local Rockville information and worldwide street and aerial maps.

With this map viewer you can:

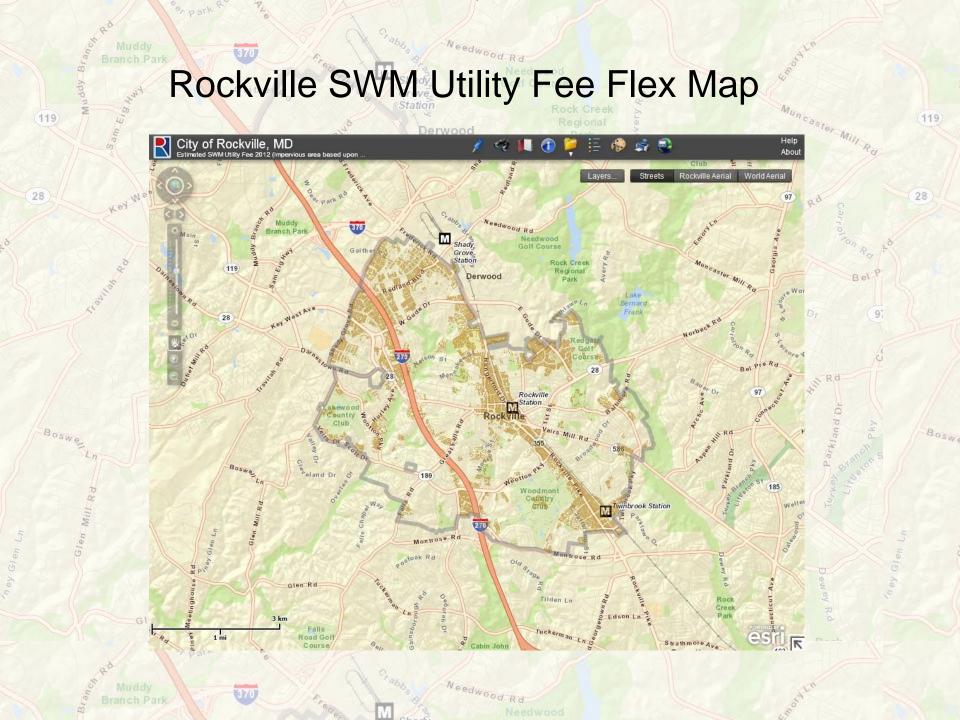
- Locate addresses.
- . Get information at locations within Rockville.
- · Search to find streets within Rockville.
- · Search to find properties by owner or by tax account ID number.
- · Find and open plats where available for property parcels
- Highlight and locate Rockville parks, facilities, schools, neighborhoods, and historic districts.
- · View Montgomery County traffic camera images.
- Use and create bookmarks to easily return to map locations.
- · Create drawings, including text, to highlight map points and areas.
- · Print and export map images.

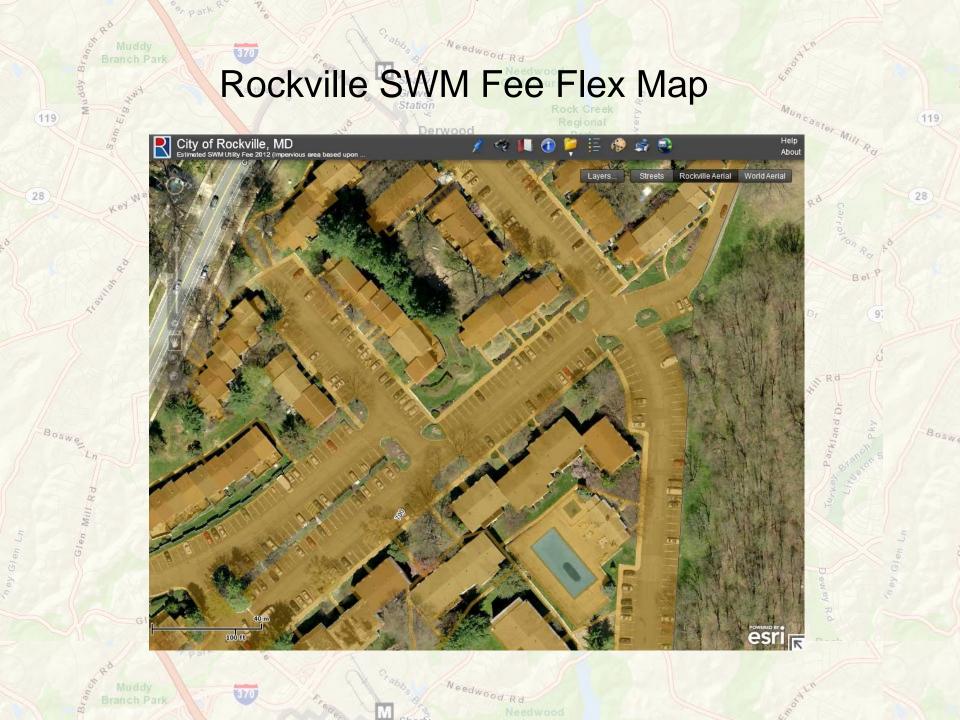
To learn how to use this GIS map application, start with the <u>Orientation and Quick</u>
Reference page or select a specific topic from the menu on the left.

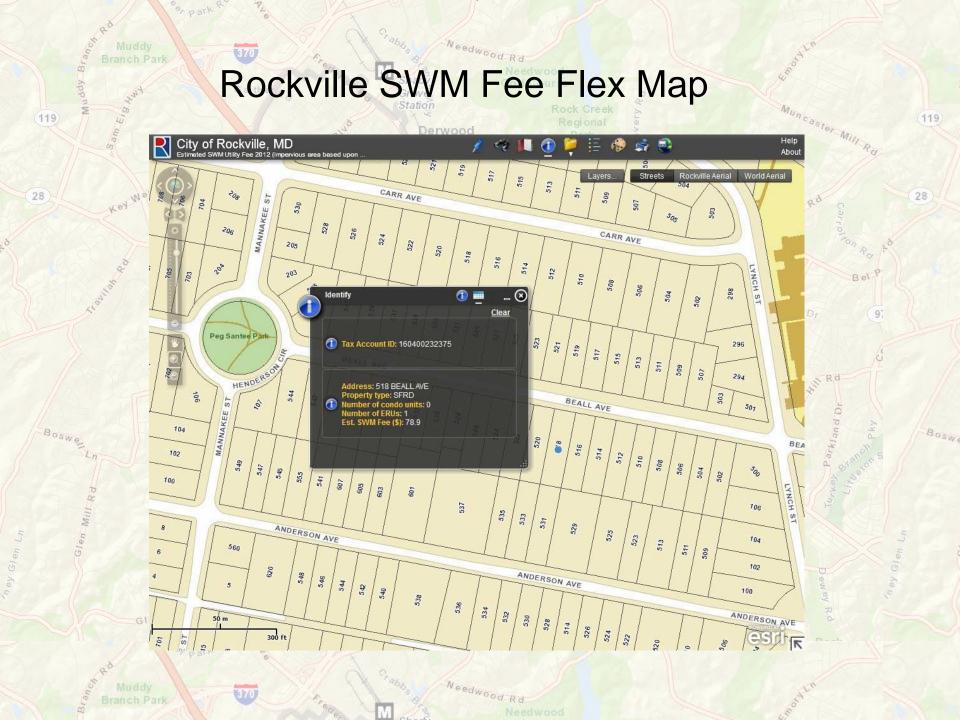
This map viewer will evolve and improve as new features and functions become available. Please check the <u>revision history</u> for the latest news.

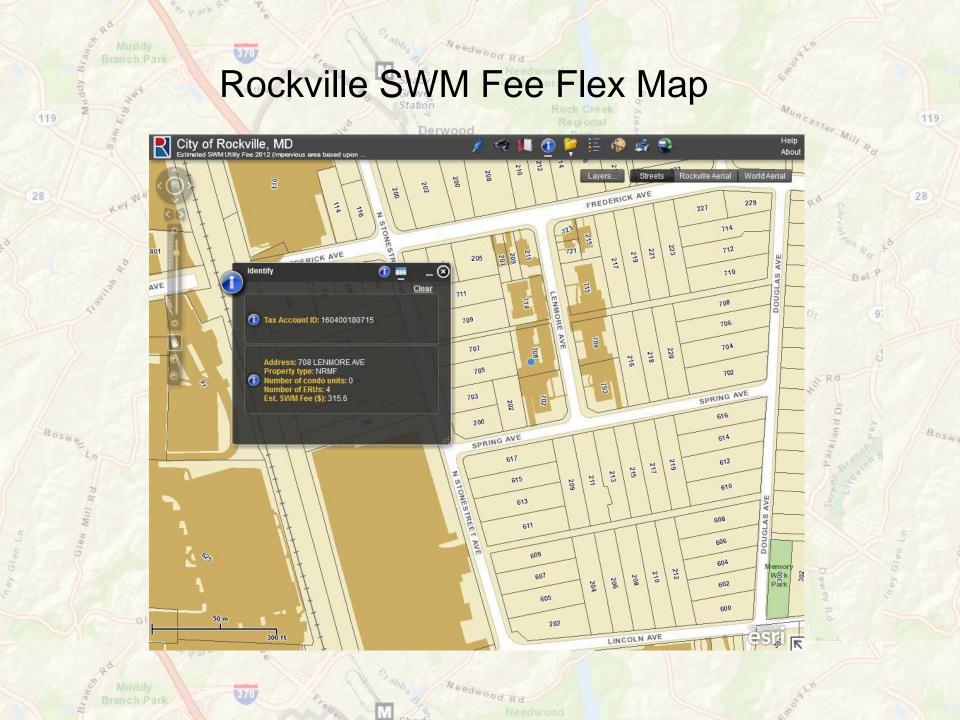
WIII

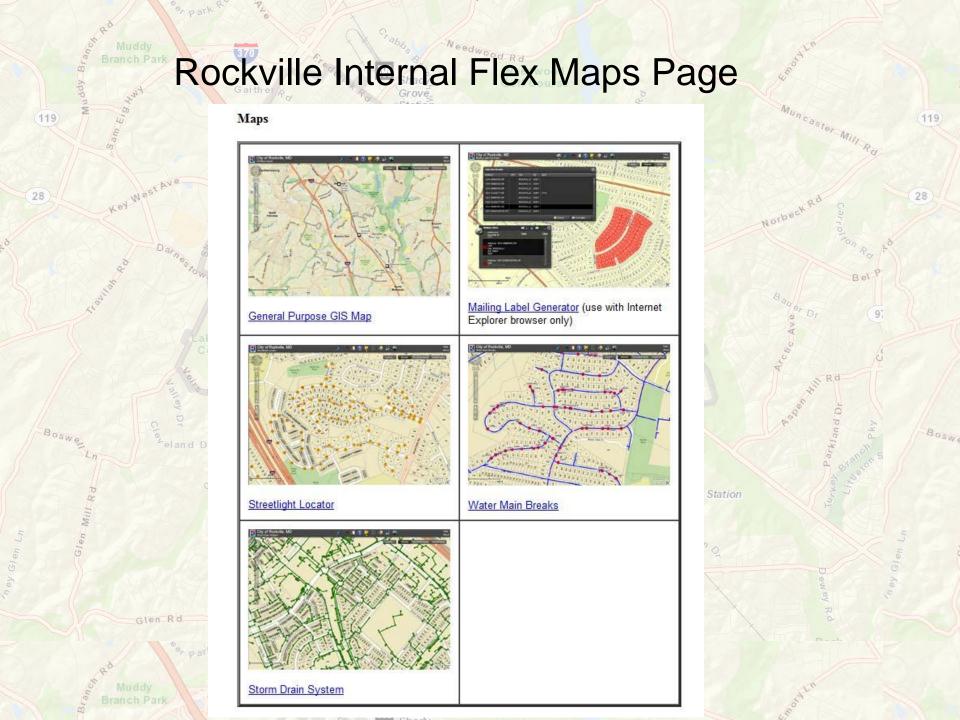
Needwood Rd



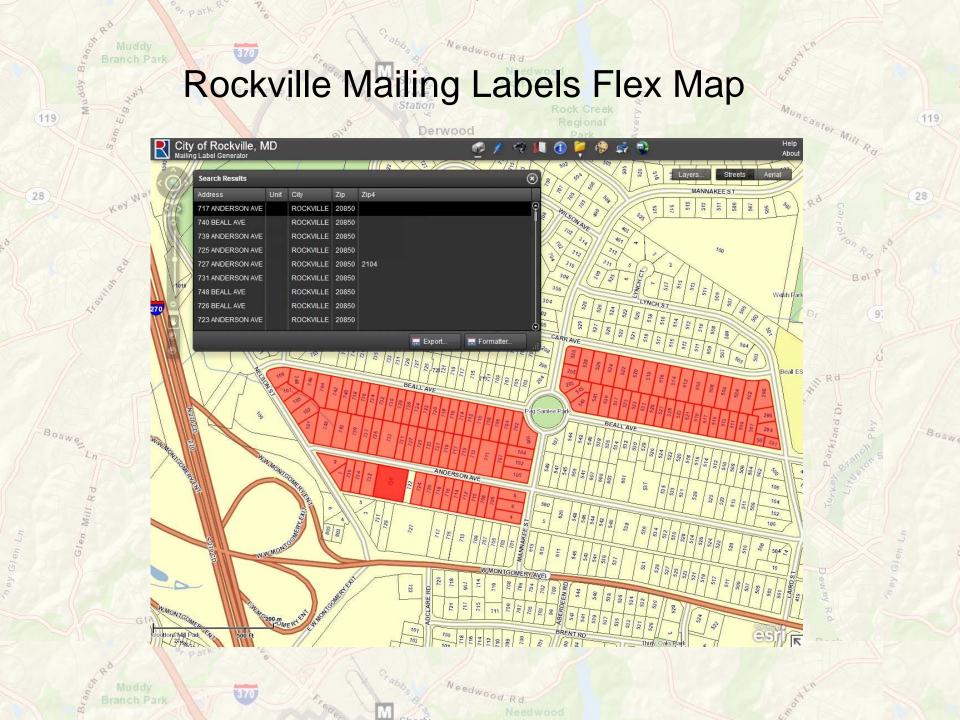


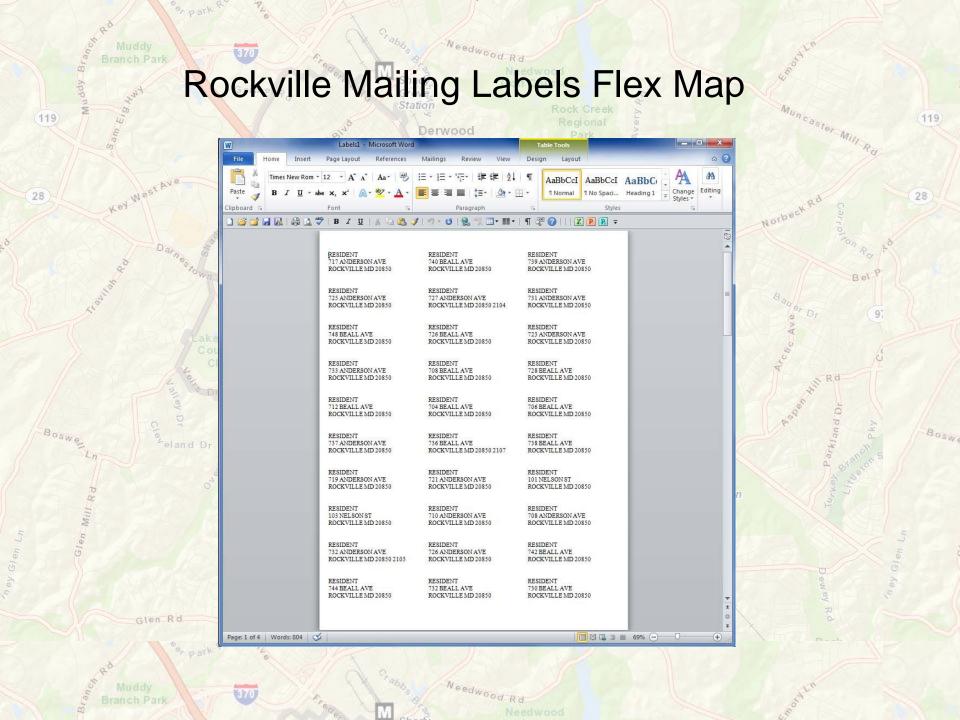














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Rockville Map Gallery

Maps

This Map Gallery is a collection of web maps for the City of Rockville, Maryland.

Q

Search maps



2010 Census and Demographics Data



City Elections



:

Development Review Projects



Forest Conservation Easements (requires Flash)



General Purpose City Map (requires Flash)



Historic Buildings Catalog



Historic Districts



Neighborhood Associations



Parks and Facilities

More Maps

Additional maps on the City of Rockville web site:

Bicycle Routes

Leaf Collection

Red Light Cameras

Speed Cameras

Water & Sewer Service Boundary

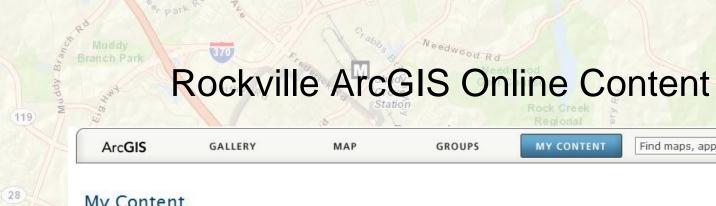
1 2 >

Needwood Rd

(119)

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9



Find maps, applications and more... Q

My Content

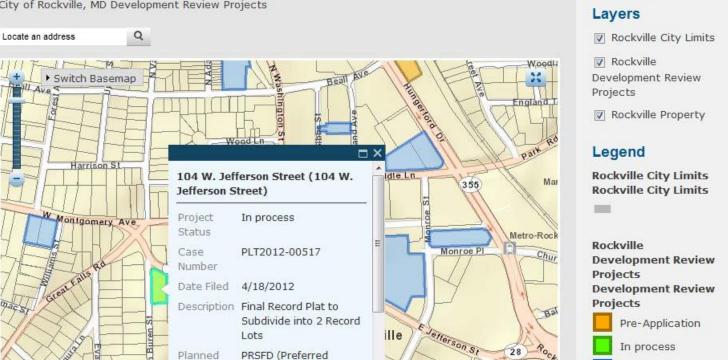
New New	Ex De	lete
- Rock	villeMD	_MapsApps

		▲Title	Туре	Modified	Shared	Size
	6	2010 Census and Demographics Data	Web Mapping Application	Dec 28, 2011	Everyone	1 KB
		City Elections	Web Map	Jan 30, 2012	Everyone	2 KB
		Development Review Projects	Web Map	Feb 1, 2012	Everyone	7 KB
	6	Forest Conservation Easements (requires Flash)	Web Mapping Application	Dec 28, 2011	Everyone	1 KB
	6	General Purpose City Map (requires Flash)	Web Mapping Application	Dec 28, 2011	Everyone	1 KB
		Historic Buildings Catalog	Web Map	Jan 30, 2012	Everyone	2 KB
		Historic Districts	Web Map	Jan 30, 2012	Everyone	3 KB
		Neighborhood Associations	Web Map	Feb 9, 2012	Everyone	2 KB
		Parks and Facilities	Web Map	Jan 30, 2012	Everyone	2 KB
	?	Recycle and Refuse Pickup Routes	Web Map	Jan 30, 2012	Everyone	2 KB
	19	Stormwater Management Utility Fee (requires Flash)	Web Mapping Application	Dec 28, 2011	Everyone	1 KB
問		Streetlights	Web Map	Jan 30, 2012	Everyone	35 KB
		Urban Tree Canopy (requires Flash)	Web Mapping Application	Dec 28, 2011	Everyone	1 KB
		Zoning Map	Web Map	Jan 30, 2012	Everyone	6 KB

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Boswe



Needwood Rd

Residential - SF

Detached) R-90 (Single Unit

Land Use

Zoning

Zoom to

Monument

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Legend

Approved

Rockville Property

Property Display

Property 15k - 1k

Property

About



The following is a list of formal application submittals that are currently in the City's Development Review Process.

3 Choke Cherry Road (Upper Rock District)

File #: STP2012-00118

Description: Minor Site Plan Amendment for the Development of a Median Landscape Plan

Status: Application Accepted as Complete

Project Planner: Cas Chasten, 240-314-8223, cchasten@rockvillemd.gov

View Details View Project Map

104 West Jefferson Street

File#: PLT2012-00517

Description: Final Record Plat to Subdivide into 2 Residential Lots

Status: Planning Commission Meeting Scheduled

Project Planner: Margaret Hall, 240-314-8226, mhall@rockvillemd.gov

View Details View Project Map

626 & 628 Great Falls Road (Chinaca Jahavahla Witnessas)

File #: STP2012-00114

Description: Proposed development **Status:** Application Accepted as Comproject Planner: Margaret Hall, 240-

View Details

View Project Map

1235 Potomac Valley Road (Pc

File #: SPX2012-00385

Description: Major Modification to an

Home

Status: Development Review Commit Project Planner: Cas Chasten, 240-

View Project Map

1900 Chapman Avenue

File #: STP2012-00/112

Description: Proposed Mixed Use De Status: Development Review Commit Project Planner: Margaret Hall, 240-

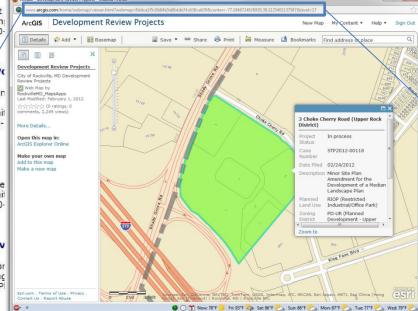
View Project Map

12720 Twinbrook Parkway (Av

File #: S/TP2009-00008

Description: Site Plan Application for Status: Post-Application Area Meeting Project Planner: Jeremy Hurlbutt, Pl

View Details View Project Map



586 Twinbrook Station

Map scale level

Location coordinates

Muncaster Mill Ra

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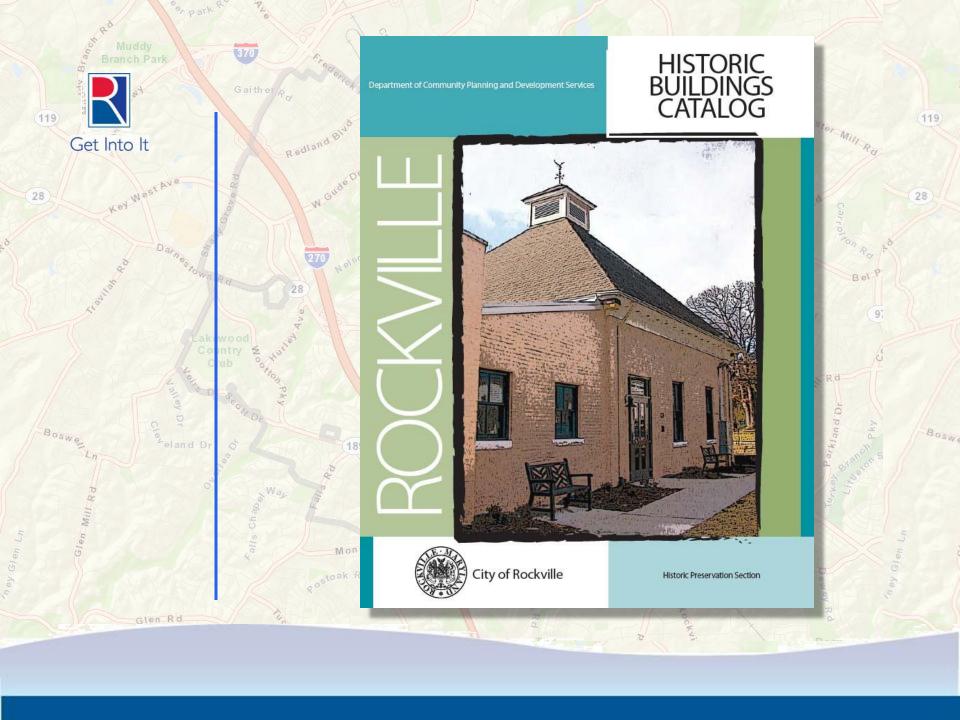
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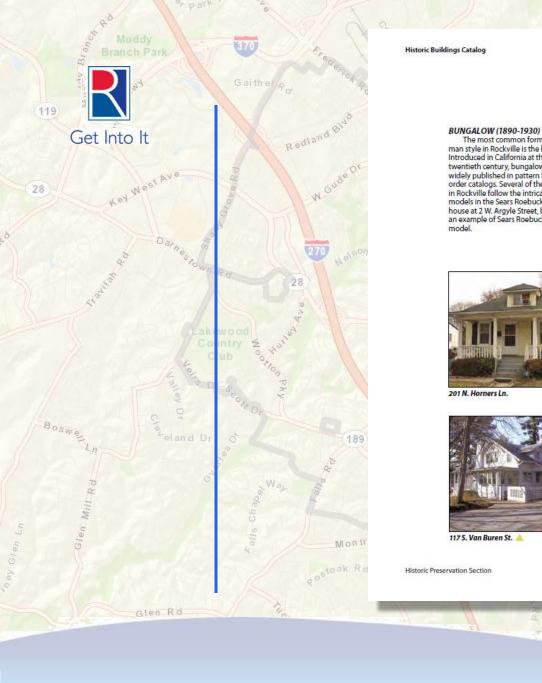
http://www.arcgis.com/home/webmap/viewer.html?webmap=8ddca1f5c9b84b5e86dde74c638ca639 ¢er=-77.1848724826939,39.1125401137587 &level=17

Muddy Branch Park

370

Needwood Rd





The most common form of the craftsman style in Rockville is the bungalow. Introduced in California at the turn of the Introduced in California at the turn of the twentieth century, bungalow designs were widely published in pattern books and mail order catalogs. Several of the bungalows in Rockville follow the intricately designed models in the Sears Roebuck Catalog. The house at 2 W. Argyle Street, built in 1927, is an example of Sears Roebucks' "Vallonia" model.



16 Williams St.





1922 307 Baltimore Rd.



49

127 S. Adams St.

1923

(119) Ftor Mill Ra 28 Bel 97 Rd



Historic Buildings Catalog

(119)

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Boswe

Historic Buildings Catalog of the City of Rockville, Maryland

Locate an address Courthouse Sq. Switch Basemap Metro-Rockville Monroe PL W Jefferson St 149 S ADAMS ST Jefferson St Status DESIGNATED Architectural Style TUDOR REVIVAL Year Built 1931 I onum ent Zoom to Elwood Smith Needwood Rd

Legend About

Layers

- Rockville City Limits
- Rockville Property
- Rockville Historic Bldgs

Legend

Rockville City Limits Rockville City Limits



Rockville Property Property

Property Display Property 15k - 1k



Rockville Historic Bldgs **Historic Building** Catalog



Designated

Non-Designated

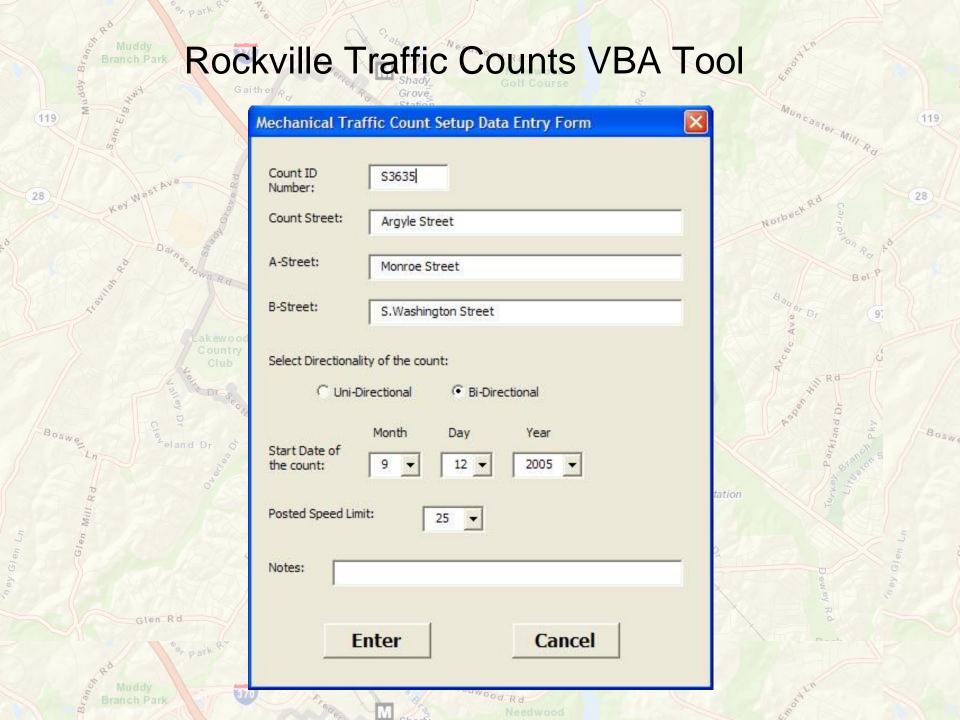


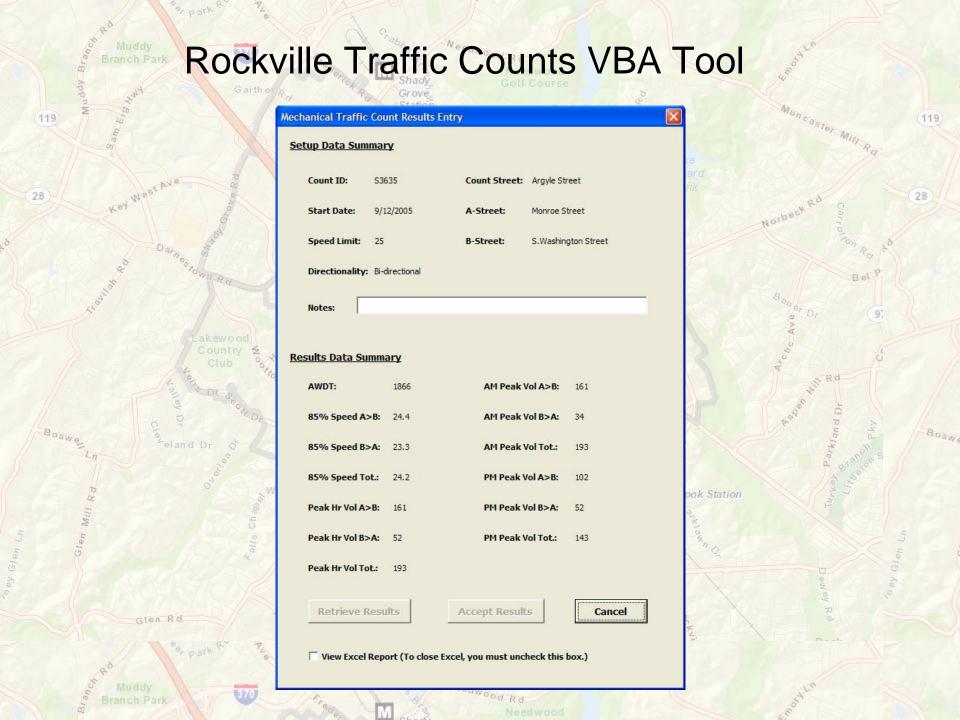
National Register

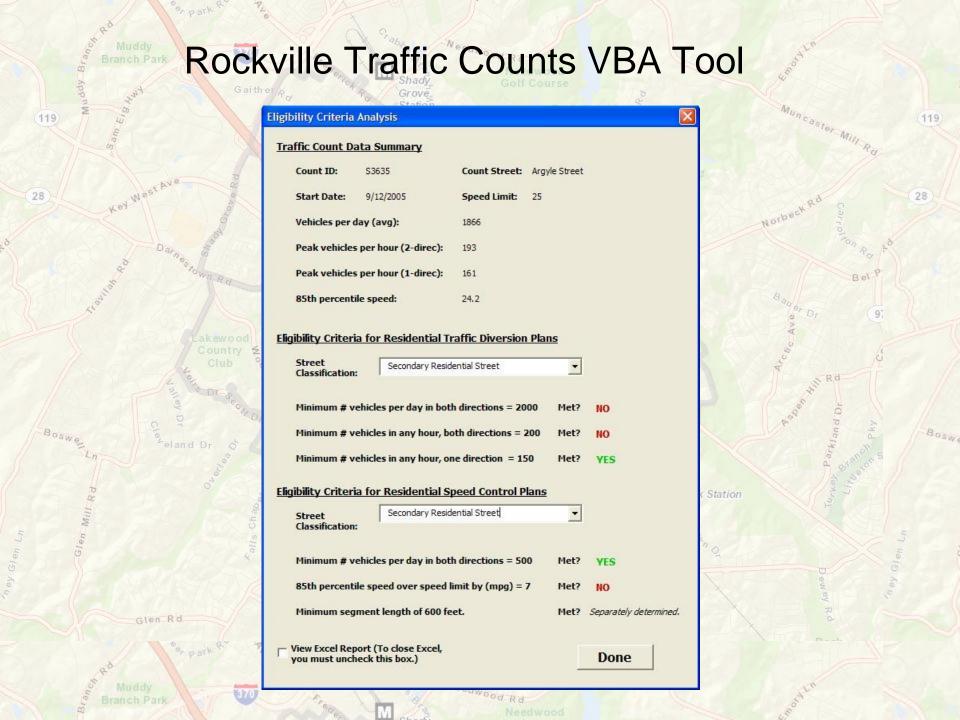
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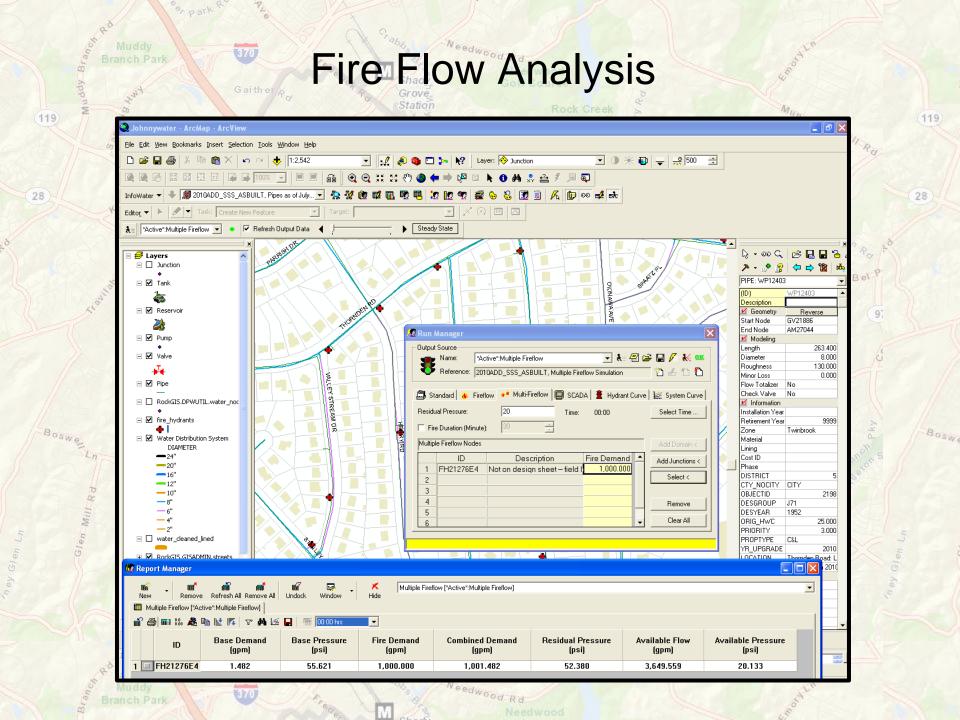
28

Rockville Traffic Counts VBA Tool Mechanical_TrafficCounts_Tools_rev9.mxd - ArcMap - ArcEditor 119 File Edit View Insert Selection Tools Window Help X 1 1:34,715 ► Task: Create New Feature 28 ■ Traffic Counts 2002 Mechanical Traffic Counts ▼ Traffic Counts 2003 ★ Traffic Counts 2004 CountYear CountSetup CountResults Analysis▼ Eligibility Tests Misc Functions + 🗹 citylimits ■ RockUtilities.DPWUTIL.DPWgrid Boswe Display Source Selection Map Book 1279110.78 526601.02 Feet

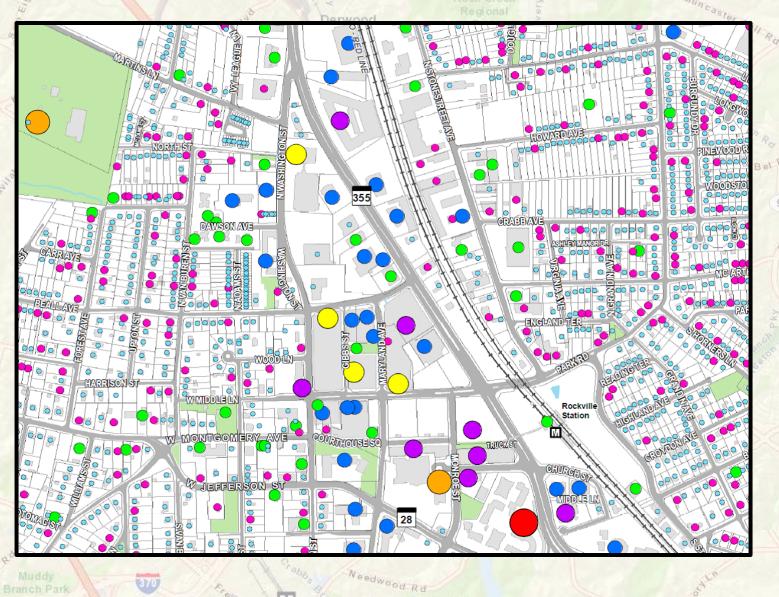


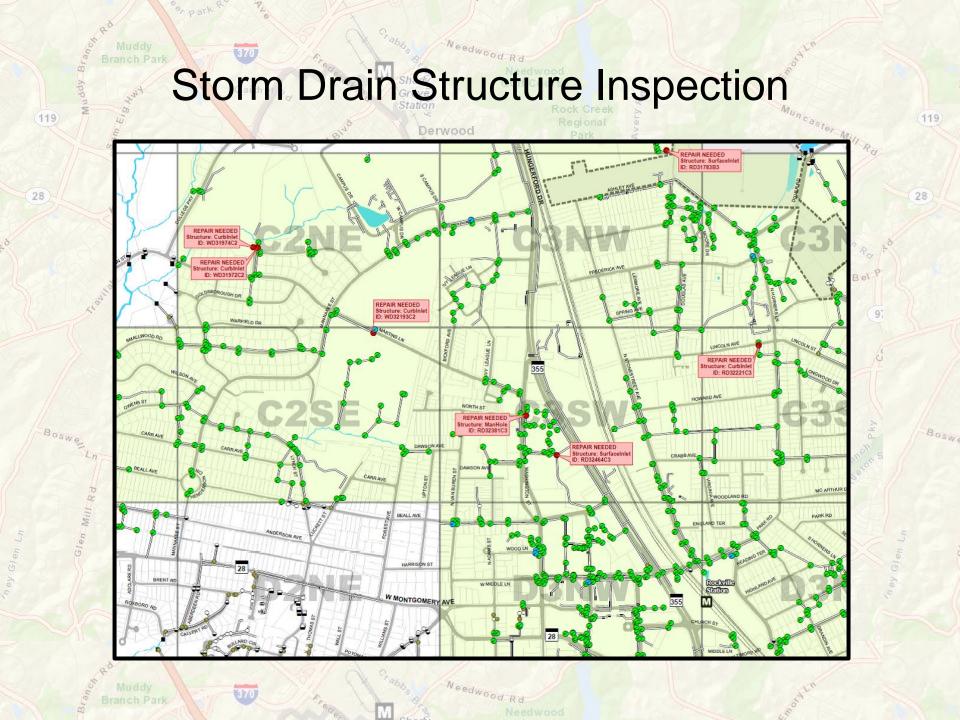


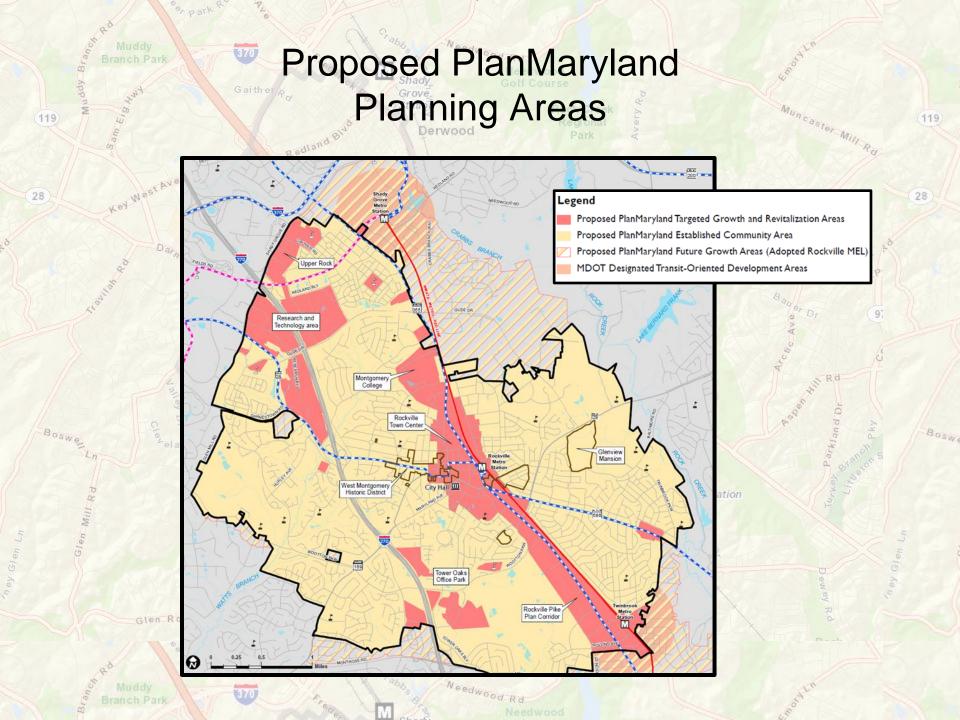


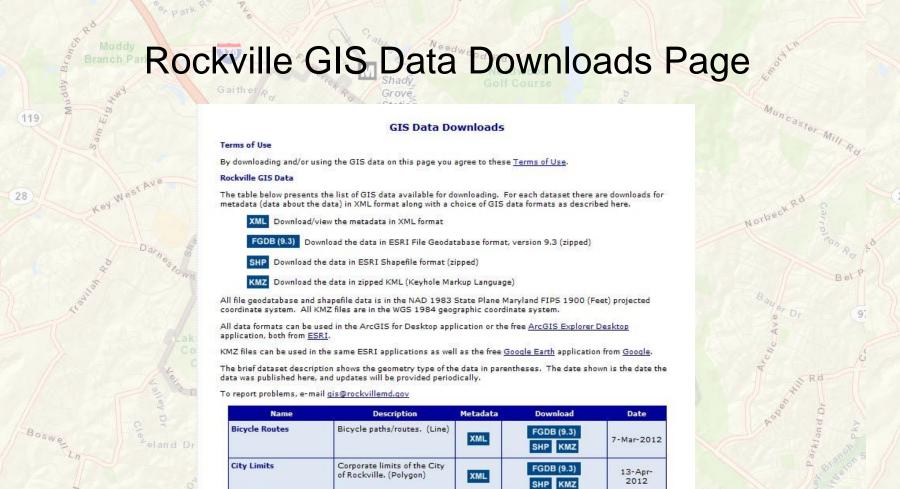


Average Daily Water Consumption









Name	Description	Metadata	Download	Date
Bicycle Routes	Bicycle paths/routes. (Line)	XML	FGDB (9.3) SHP KMZ	7-Mar-2012
City Limits	Corporate limits of the City of Rockville. (Polygon)	XML	FGDB (9.3) SHP KMZ	13-Apr- 2012
Historic Buildings	Sites of historic buildings. (Polygon)	XML	FGDB (9.3) SHP KMZ	17-Feb- 2012
Hydrology	Streams and bodies of water. (Polygon)	XML	FGDB (9.3) SHP KMZ	7-Mar-2012
Metro Stations	Locations of Metro stations. (Point)	XML	FGDB (9.3)	7-Mar-2012
Neighborhoods	Neighborhoods, associations, and neighorhood coordinators. (Polygon)	XML	FGDB (9.3)	17-Feb- 2012
Parks	Rockville park sites. (Polygon)	XML Wood Rd	FGDB (9.3)	17-Feb- 2012

