



# Printing with SVG

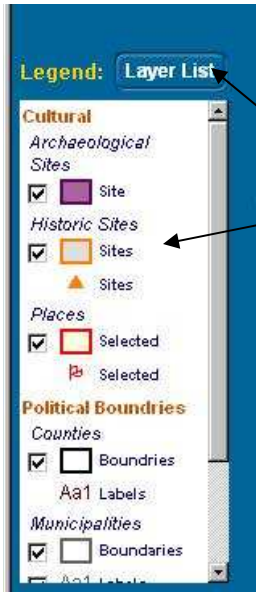
(the CRGIS map viewer)

April 15, 2008

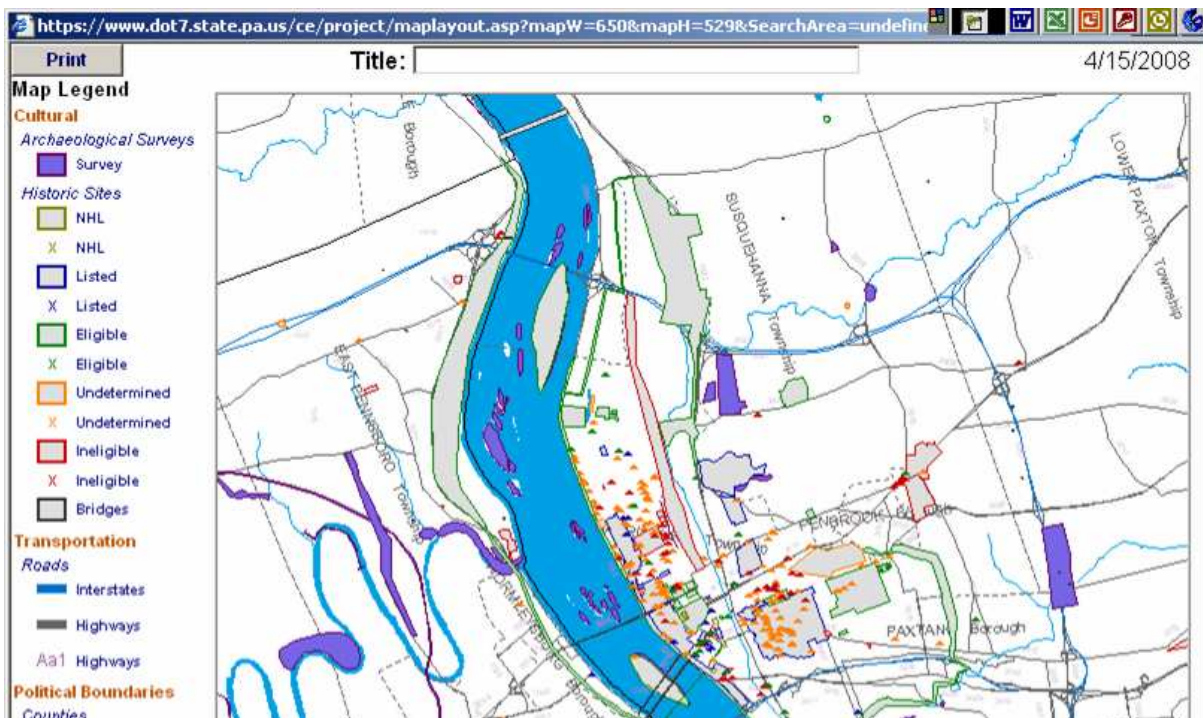
Updated April 20, 2010



# The Printer Button



- Make sure that only the layers that you wish to print are active.
  - They are active if they show in the **Legend**, checked or unchecked.
  - If you selected others originally, use the **Layer List** to turn them off.
- The map printer does not retain the transparency of the map viewer.
  - You will open the window seen below and you can add a title to the map before printing.





# The Printer Button



- The map printer will print the location of a spatial search and the resulting data tables.
  - If you do not need or want the tables, just print the first page of the document.

Cultural Resources GIS - M

**"Ask ReGIS" Search**  
**"Ask ReGIS" Help**  
**Data Quality**

**Spatial Query:**  
 Polygon

**Buffer Zone:**  
 Distance:  Units:

https://www.dot7.state.pa.us/ce/project/maplayout.asp?mapW=650&mapH=529&searchArea=undefined&Ar - Microsoft Int...

**Historic Sites (9 Records)**

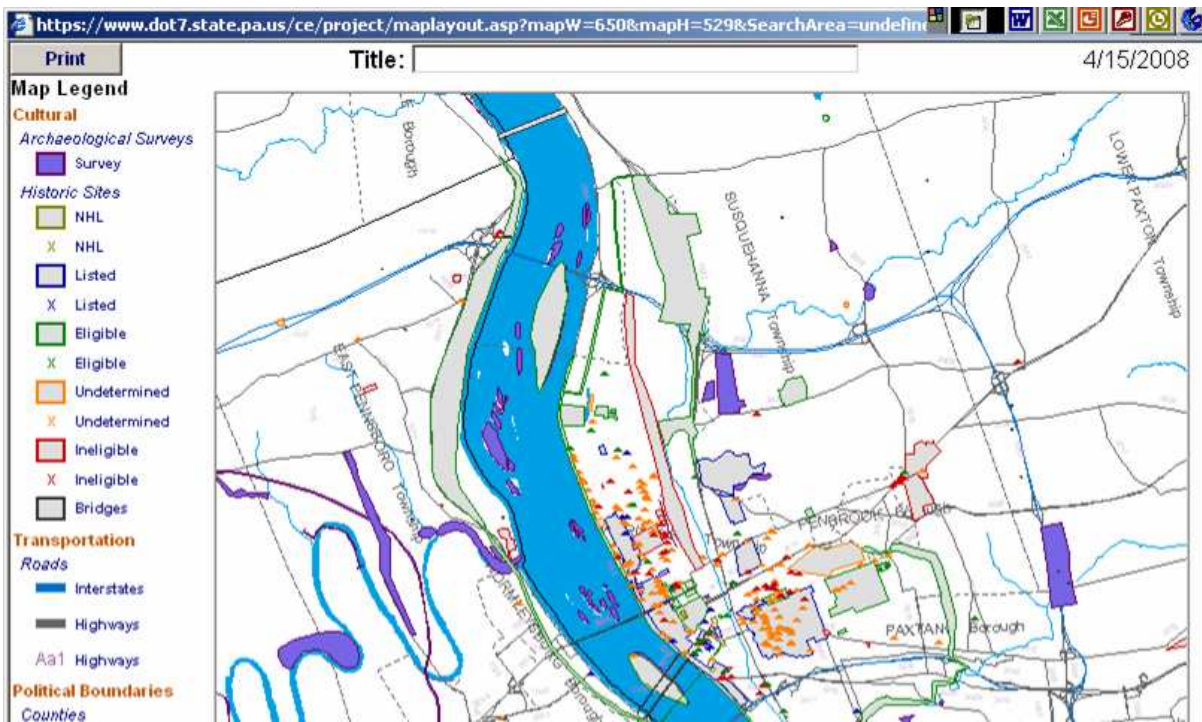
Inventory Key #	ID	Address	Municipality	County	Historic Name	National Register Status	Tax Parcel	Resource Category	Material	Built	Bridge
115547	110705	602 Seneca St.	Harrisburg City	Dauphin		Undetermined	10016108	Building	Brick	1905	N
112491	109590	2537 N 6th St.	Harrisburg City	Dauphin	Steele Elementary School	Eligible	10.029.001			1914	N
016603	16512	2339 N 6th St.	Harrisburg City	Dauphin	6th Street United Brethren Church	Undetermined		Building		1907	N
016609	16518		Harrisburg City	Dauphin	Open Air School for the Physically Handicapped	Undetermined		Building		1917	N
000502	484	2504 N 6th St.	Harrisburg City	Dauphin	Camp Curtin Fire Station	Listed		Building	Brick	1910	N
124618	113797	2601 N 3rd St.	Harrisburg City	Dauphin	Harrisburg Polyclinic Hospital	Listed	100420001	Building	Brick	1925	N
115507	110685	2320 Susquehanna St.	Harrisburg City	Dauphin		Ineligible	10053021	Building	Brick	1910	N
115529	110696	2321-2323 Logan St.	Harrisburg City	Dauphin		Ineligible	10046052, 10046051, 10046050	Building	Brick	1910	N
016604	16513	2439 N 6th St.	Harrisburg City	Dauphin		Undetermined		Building		1900	N

**Historic Survey Reports (4 Records)**

Report Number	Title	Author	Date	County	Municipality
1981-H001-043-B	Dauphin County: Harrisburg Survey Final & Data Analysis Report/1981		19810000	DAUPHIN	HARRISBURG
1993-H001-043	Final Report for the Allison Hill/Summit Terrace Historic Buildings Survey		19950630	DAUPHIN	HARRISBURG
1980-H001-043-A	Dauphin County: Harrisburg Survey Preliminary Research Report/1980		19800000	DAUPHIN	HARRISBURG
2004-8029-043-A	Historic Structures & Determination of Eligibility Report, Volume I, Volume II, Appendix E and F. Southern Gateway Project. City of Harrisburg, Dauphin.	Clouse, Jerry and Richmond, Charles A. McCormick Taylor	20040200	DAUPHIN	HARRISBURG



# The Printer Button



## Advantages:

- Includes the spatial search results
- Includes legend
- Includes scale indicator
- Includes direction indicator
- Can add title before printing
- Printer set up included - a “finished” look
- Can be saved directly as a PDF

## Disadvantages:

- Does not retain the transparency of the image
- Cannot add text and shapes (annotate)



# Control P Printing

If all you need is a copy of the map as is, you can use the keyboard printing function by holding down the “Ctrl” button and hitting the “P” and selecting the printer that you want (color is best).

## Advantages:

- Retains the transparency of the image
- Quick and easy

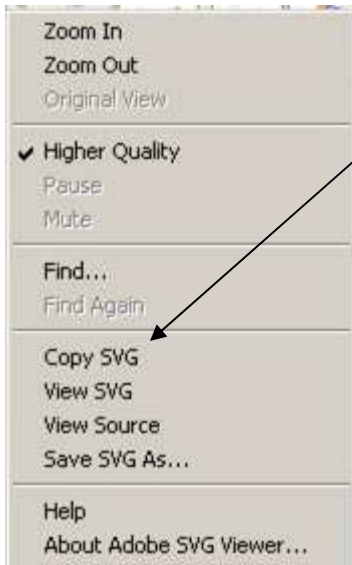
## Disadvantages:

- No legend
- No scale indicator
- No direction indicator
- Not a “finished” look



# Right Click Printing

This is the method that has changed the most.



- Right click on the map.
- Select **Copy SVG** from the popup menu
- Paste into any program that directly handles images: PowerPoint, Paint, or Photo Editor.
  - Photo Editor requires that you set a palette size, so this is more difficult.
  - Pasting in Word does not work.
- Use the capabilities of these programs to add text or shapes.
- Print.

## Advantages:

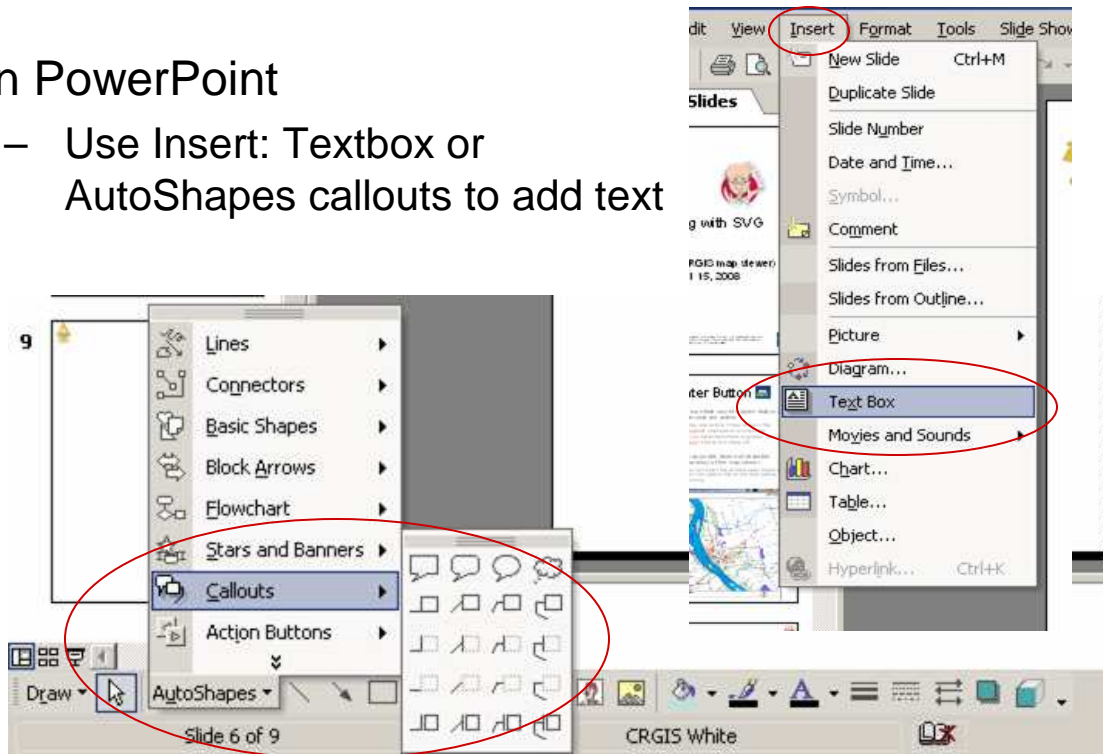
- Retains the transparency of the image
- Can add text and shapes
- Can add to a document after annotating

## Disadvantages:

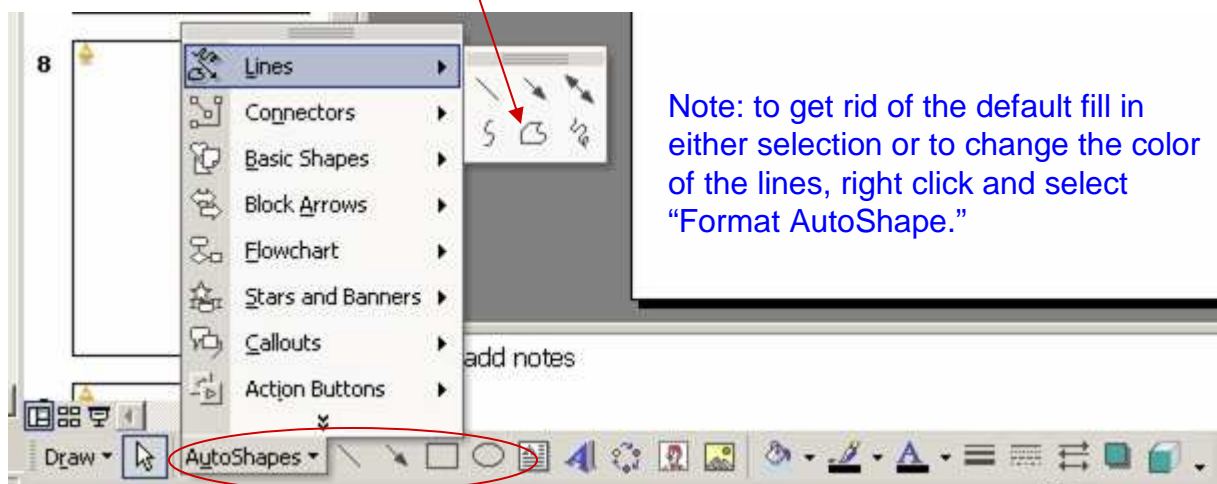
- No legend
- No scale indicator
- No direction indicator

# How to Annotate

- In PowerPoint
  - Use Insert: Textbox or AutoShapes callouts to add text



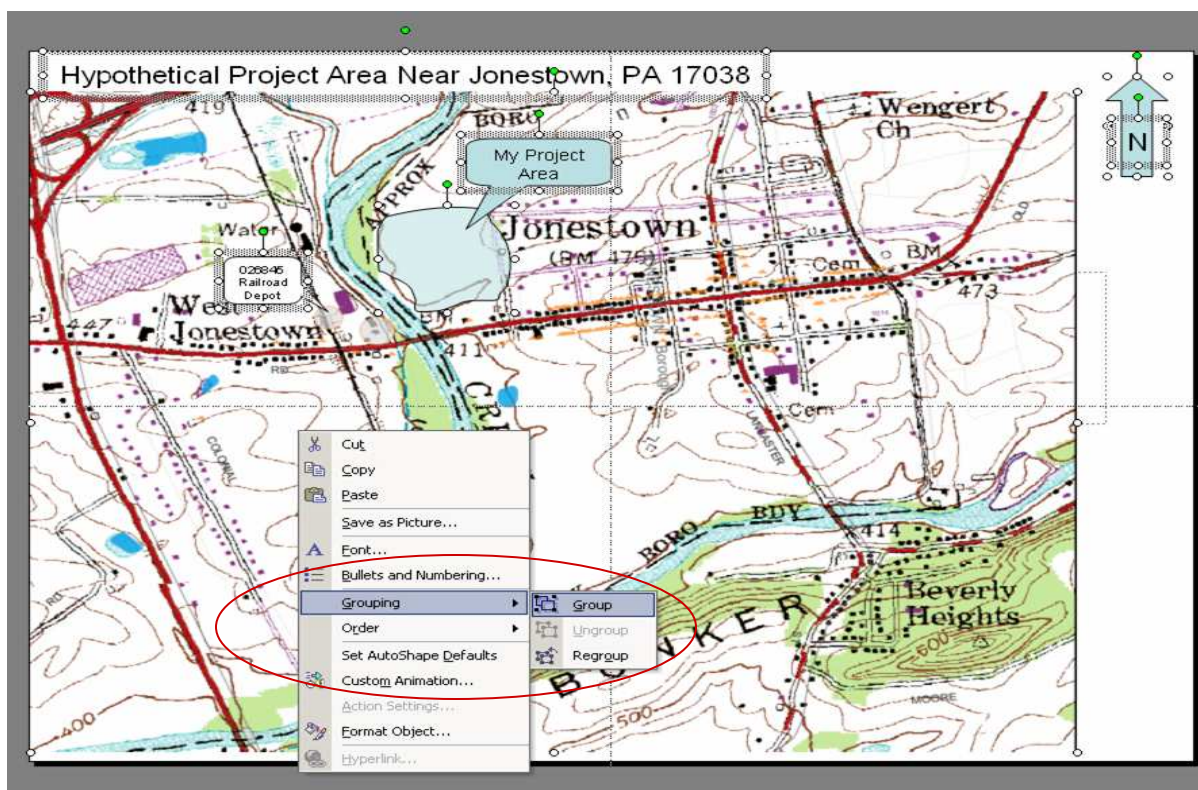
- Use arrows or standard shapes from the Drawing Toolbar or AutoShapes for indicating locations and outlining areas
  - The “Freeform” choice under AutoShape: Lines allows you to draw complex APES





# Saving Annotations

- Once you have annotated the map, you can print it, save it in the program you used to produce it, or save it as an image and import it into Word or any other program.
- To save as an image:
  - Select all the parts of the image that you want to keep together
  - Right click and select Grouping: Group



- Right click again and select Save As Picture
- Save as an image type (jpg or bmp, etc)
- Import anywhere that will allow a picture