





# HIGHWAYS OF THE HUDSON RIVER VALLEY

Team 2—The Patriots



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### THESIS

With the expansion of highways into the Hudson River Valley people were able to move throughout the region and experience the peaceful scenic views away from their busy city life. This caused a change in the way people lived and moved creating a shift in population, industry and culture.

### **O**VERVIEW

- In 1942, a bill was adopted by the state legislature to build the Thruway across New York State. In 1953, the first section opened from Saugerties to in Kingston. This was a precursor for the design of the Palisades. The Palisades Parkway was started in 1974 and finished in 1958. It provided a route between state parks in the Hudson River Valley. Construction started on the Taconic Parkway in 1927 in Westchester County and was finished in 1963 in Columbia County. In 1908 U.S. route 9 was an undesignated route. While winding its way north along the Hudson River Valley, it took many names by combining with other roads. Old Albany Post Road dates back to the mid-17<sup>th</sup> century.
- O The five major highways are the, New York State Thruway, Taconic State Parkway, and the Palisade Parkway. All of these highways were developed by several prominent people that had a major role in the creation of the highways. The names of these key leaders are, <u>Governor Thomas E Dewey</u>, President Franklin Roosevelt, Gilmore Clarke, William A. Welch and John D. Rockefeller.
- Locust Grove, on Route 9, teaches us about the Morse family. The site now has a purpose to "preserve the estate for the enjoyment, visitation, and enlightenment of the public." Stop at the Taconic Outdoor Education Center if interested in learning about the areas around the Taconic and their offerings. Come to Fort Montgomery with students or family because it contains local history and is right off the Palisades Parkway. The Bird and Bottle Inn was a stagecoach stop for those journeying between Albany and New York City. This site represents the role and significance of Old Albany Post Road. At the Museum Village in Monroe, on Route 17 off of Interstate 87 (New York State Thruway), students can learn more about their ancestors and what daily life used to be like in the Hudson River Valley.

### OVERVIEW CONT...

- The interpretive signs will be placed at each of the key sites. Each sign discusses the importance of the major highways in the Hudson River Valley in general and the importance of the closest highway.
- Macadam, named after its inventor John Loudon Macadam, was the first type of asphalt to ever be created and was used in 1820. It consists of aggregate layers of stone with a binder as a cementing agent; they are then mixed in an open-structure. His method for laying it down consisted of men hammering the stones to proper size and then being laid down one shovel at a time. Today's roads are paved with hot mix asphalt.
- When comparing Westchester County, the city of Poughkeepsie, Putnam County, Orange County, and Rockland County one can immediately see that Westchester has the largest population and amount of land. The people who have the largest median household income are those who live in Putnam County. One can also see the diversity of the people in each region. It is important to be aware of the demographics of an area in order to gain a better understanding of the culture and people who live there and to have a better appreciation of that area. We can also see how highways have helped increase the population since the 1700s, serving as a travel route and link to counties in the Hudson River Valley helping this region gain popularity.
- When traveling on the highways of the Hudson River Valley, drivers will be able to see the route markers that direct them to the key sites in the area. Each sign will have a picture of an old car, "highways of the Hudson River Valley," and the name of the site.



View from a Palisades Overlook

### **HISTORY**

Chrissy Robinson

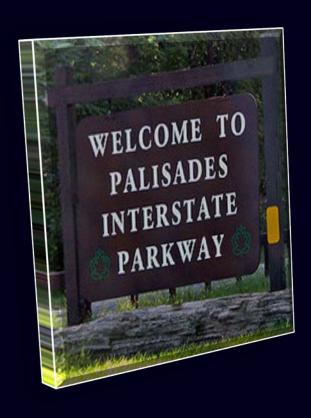
### NEW YORK STATE THRUWAY

TO SHE UNITED IN

- In 1942 a Bill was adopted to build a super highway across New York State.
- In 1953 the first section opened in the Hudson River Valley: from Saugerties to Route 28 in Kingston



### THE PALISADES PARKWAY



In 1903 a proposed rustic road called Henry Hudson Drive was the precursor For Parkway the Palisades

It was built to provide a Route to the local State Parks.

Started in 1947 and finished in 1958

### THE TACONIC STATE PARKWAY

Franklin Roosevelt was instrumental in getting the Taconic built. It was meant to provide access to State Parks.



Construction started in 1927 in Westchester county and finished in 1963 in Columbia county.

### U. S. ROUTE 9





In 1908 Route 9 was an undesignated Route. There are a total of 19 suffixed Routes with 17 Designations, 9 of them were removed or changed during the 1930 state highway renumbering.





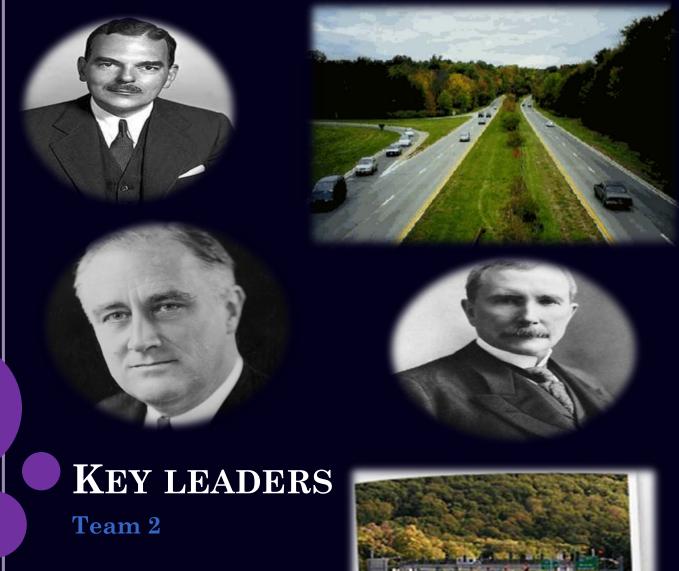
### OLD ALBANY POST ROAD



The history of Old Albany Post Road dates back to the 17<sup>th</sup> century when it was used as trails by Native Americans: the Wiccopies And Wappinger tribes.

Originally mile markers were put in to Help accurately determine postal rates

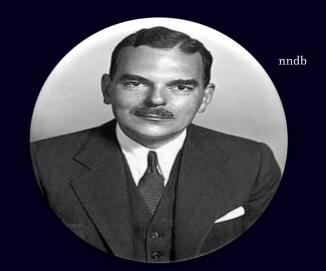






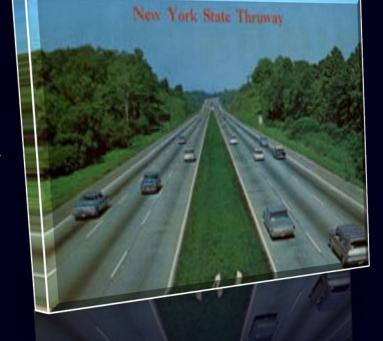
### NEW YORK STATE THRUWAY

- Governor Thomas E. Dewey played a major role in the creation of the New York State Thruway.
- He was the three-term Republican Governor of New York from 1943-1955.
- In 1964, the New York State
  Legislature commended that the
  Thruway System be named "The
  Governor Thomas E. Dewey
  Thruway," recognizing the former
  Governor's vision and leadership in
  sponsoring the creation of the crossstate superhighway.



Thomas E. Dewey

NYC Roads





Route Markers

Highways of the Hudson River Valley

#### TACONIC STATE PARKWAY





Franklin D. Roosevelt

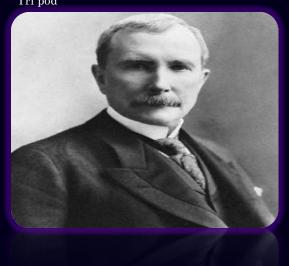
- President Roosevelt was a Dutchess County resident, who was influential in getting the project of the Taconic Parkway going.
- Roosevelt envisioned a scenic road through the eastern Hudson Valley, and wanted the route accessible to local parks.
- Gilmore Clarke was the landscape architect who designed the winding and hilly route.

### **OLD ALBANY POST ROAD**

- The road had several different names due to the different people that used it as time went on.
- In 1671, the Wappinger and Wicoppee Indians carried mail on foot on this trail.
- o In 1703, the British took over the road and it became the "Queen's Road" or the "King's Road". This was during the control of Queen Anne and later on George I and II.







### PALISADE PARKWAY



John D. Rockefeller

- EII 14
  Willow Grave Rd
  Latchworth Vill J
- In 1933 through 1934, the first thoughts of the Palisade Parkway were developed by William A. Welch. Welch wanted to build a parkway to connect the New Jersey Palisades with the state parks along the Hudson River in Rockland and Orange Counties.
- Welch gained support from John D. Rockefeller, who donated 700 acres of land along the New Jersey Palisades overlooking the Hudson River.



View of the Hudson from the Palisades

### **KEY SITES**

Sabrina Scanga



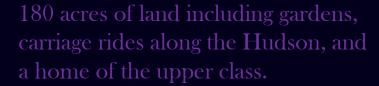
### Locust Grove: The Samuel Mores Historical Site

Route 9 in Poughkeepsie.



All Photo by Ekahau

Making history for more than 2 centuries





Highways of the Hudson River Valley

### Bird and Bottle Inn



Originally known as Warren's Tavern, the property was a stagecoach stop and catered to those journeying between Albany and New York City.



Hudson River Valley Gift Card

Today the property offers dining experiences as well as a bed and breakfast.

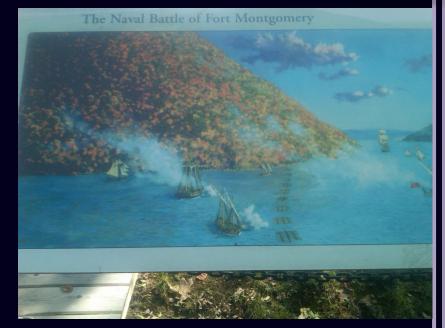


# Fort Montgomery & Fort Clinton

All photos by Sabrina Scanga







Highways of the Hudson River Valley

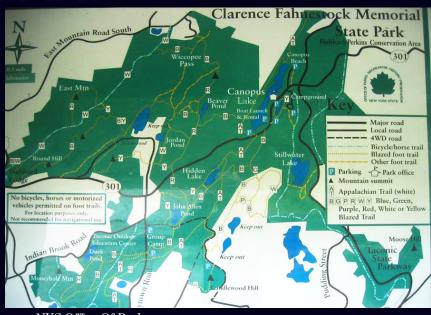
# TACONIC OUTDOOR EDUCATION CENTER

Douglas Hegley





Caroline Hood



NYS Office Of Parks

Historic iron-mining region

Maple sugaring, hiking, and environmental learning

Great place to take your class one day!



Highways of the Hudson River Valley

## Museum Village





Offers the opportunity for visitors to see, touch, hear, and understand life in 19th century America.

#### The beautiful 17 acre site includes:

- Weave Shop
- Dress Emporium
- Cobbler Shop
- Blacksmith
- Broom Maker
- Pharmacy
- General Store
- Barber Shop
- School House
- and much, much more



http://www.museumvillage.org/educate.htm



# INTERPRETIVE SIGNS OF THE MAJOR HIGHWAYS

Samuel Nowack

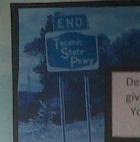




#### neithe of construction:

- 1932 1930 Futnam County
- s 1820 1845 Dunchass C
- Eministra County
- 1938 1943 Columbia Count

### A Journey through the Landscape



Designed by Gilmore Clark to give a scenic route from New York City to above the Bear Mountain Bridge.

## Taconic State Parkway



Rolling through the natural scenic charm of one of New York State's most beautiful country regions, the Taconic State Parkway is a composite of safety, beauty and utility, representing every known facility for safe and modern parkway construction yet devised.

—Robert Moses

Highways of the Hudson River Valley

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The Road of Many People

1669 Designated to be used as a postal route between what would later be New York and Albany

Old widened for military is



Albany Post Road

1763 First mile-markers were placed

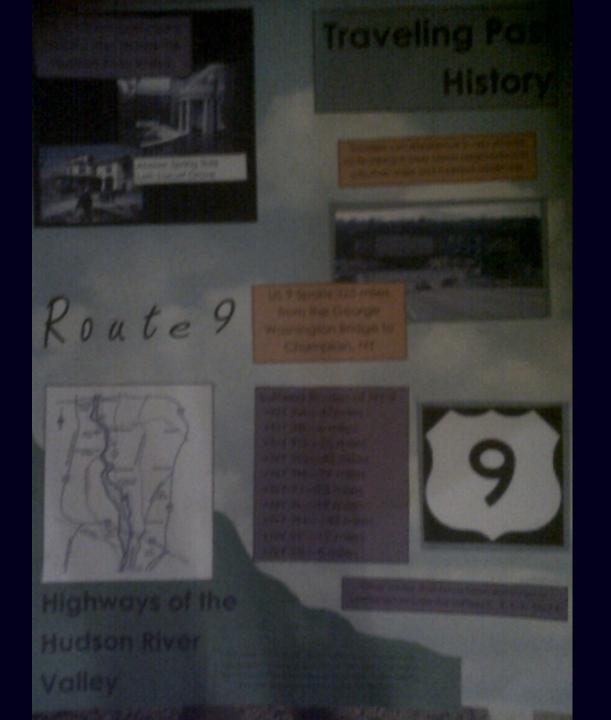


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Highways of the Hudson River



## Designed to Protect the Landscape

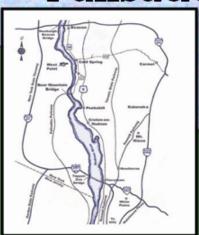
Quarrying for rail road basalt threatened the Palisades.

John D. Rockefeller donated 700 acres to help preserve the area.



The Parkway stopped quarrying and preserved the parks in its natural beauty.

### Palisades Parkway



Construction began on the New York section on April 1, 1947

Final five-mile section in New York opened on August 28, 1958



Spans 38.25 miles between New Jersey and New York

Highways of the Hudson River
Valley

Highways of the Hudson River Valley have changed the way people have lived and moved throughout the region. They linked surrounding areas to the Hudson Valley helping it to gain

popularity and increase in population.



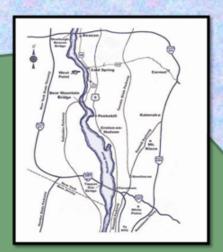
### A super-highway for All Drivers

A super highway that stretched across New York was first proposed in 1940's.

#### Timeline of construction:

- •Lowell to Rochester (115 miles) June 1954
- Rochester to Buffalo (63 miles) August 1954
- ·Lowell to Westmoreland (5 miles) September 1954
- •Westmoreland to Harriman (198 miles) December 1954
- •Harriman to Suffern (15 miles) July 1955
- •Suffern to Yonkers (27 miles) December 15, 1955
- Yonkers to the Bronx (3 miles) August 31, 1956





### New York State Thruway

Officially named the Thomas E.

Dewey Thruway

One of the Longest toll roads in the United States



Highways of the Hudson River

Valley

570 miles

Orange County, the New York State Thruway carries approximately 80,000 vehicles per day

Highways of the Hudson River Valley have changed the way people have lived and moved throughout the region. They linked surrounding areas to the Hudson Valley helping it to gain popularity and increase in population.

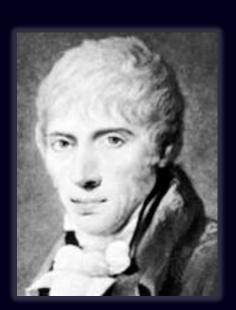


### **TECHNICAL**

**Chrissy Robinson** 



The first type of asphalt was called macadam.



It was invented by John Loudon Macadam.

It was first used in 1820 and is still used on some roads today.





Highways of the Hudson River Valley

### What are highways made of today and how are they built?







When driving down the Road these are some things You might see.

These are the machines and equipment that are commonly used When building a road.

Equipment used: Recycler Steamroller Paver Heat sensor



Highways of the Hudson River Valley

# Types of material used on roads:

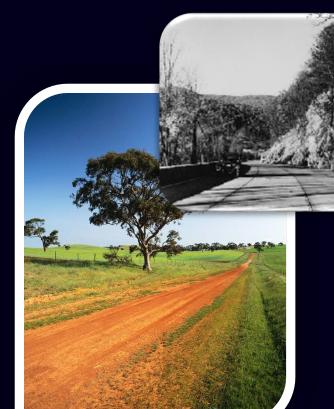




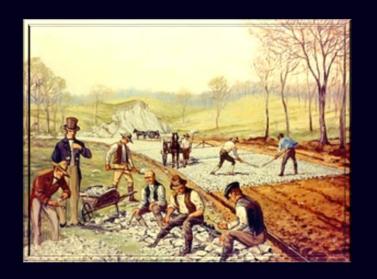


- •Macadam
- •Asphalt
- •Dirt

These are materials that can be found on all modern roads. Some are more common then Others due to there reliability to withstand the weather. Asphalt is the most commonly found material.



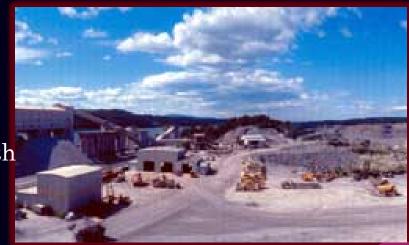
Highways of the Hudson River Valley



macadam was constructed and mixed by hand. Men would hammer the rocks until they were the right size To be used. Then they were mixed with a tar and oil mixture by hand and laid out by the shovel full.

Today's roads are constructed in a similar

Fashion. The difference though is that now Machines do the work that men used to do. In quarries the rocks are crushed and mixed, on the sites trucks and pavers lay the asphalt out and steam rollers flatten it to make it smooth



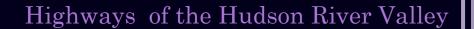
(http://www.nycroads.com/roads/palisades/)

# RELATIONSHIP TO NEAREST TOWNS OR OTHER MUNICIPALITIES STOP



(http://www.nycroads.com/roads/palisades/)

Irene Dorotheos





### ANALYZING POPULATION

	Population	% white people	% black people	% Asian people	% Hispanic/ Latino origin	People with disabilities
Westchester County	955,462	77.5%	14.4%	6.1%	19.8%	147,066
City of Poughkeepsie	30,050	52.8%	35.7%	1.6%	10.6%	
Putnam County	99,265	93.2%	3.3%	0.2%	11.1%	12,859
Orange County	383,532	84%	11.1%	0.5%	17%	56,705
Rockland County	300,173	80.4%	11.4%	0.3%	13.8%	42,751

# ANALYZING OLD AND NEW POPULATIONS



P	POPULATION				
	Old Population	New Population (current)			
Westchester County	<b>24, 003</b> (circa 1790)	955, 462			
City of Poughkeepsie	11, 511 (circa 1850)	30, 050			
Putnam County	11, 268 (circa 1820)	99, 265			
Orange County	18, 492 (circa 1790)	383, 532			
Rockland County	<b>6, 353</b> (circa 1800)	300, 173			



## OTHER DATA FOR COMPARISONS

	Land Area (square miles)	High School Grads	Bachelors Degree <i>or</i> higher education	Median household income	Per capita money income	People below poverty level
Westchester County	432.82	83.6%	40.9%	\$79,195	\$36,726	8.4%
City of Poughkeepsie	5	72.3%	19.5%	\$29,389	\$16,759	22.7%
Putnam County	231.28	90.2%	33.9%	\$88,929	\$30,127	4.9%
Orange County	816.34	81.8%	22.5%	\$70,345	\$21,597	9.7%
Rockland County	174.22	85.3%	37.5%	\$84,076	\$28,082	10.4%

Highways of the Hudson River Valley

### BUSINESS AND RETAIL



	Retail sales per capita	Total # of firms	Private non- farm establishments
Westchester County	\$12,589	106,366	32,445
City of Poughkeepsie	\$13,401	2,808	
Putnam County	\$6,994	10,777	3,049
Orange County	\$11,323	27,044	9,441
Rockland County	\$10,786	29,675	9,337

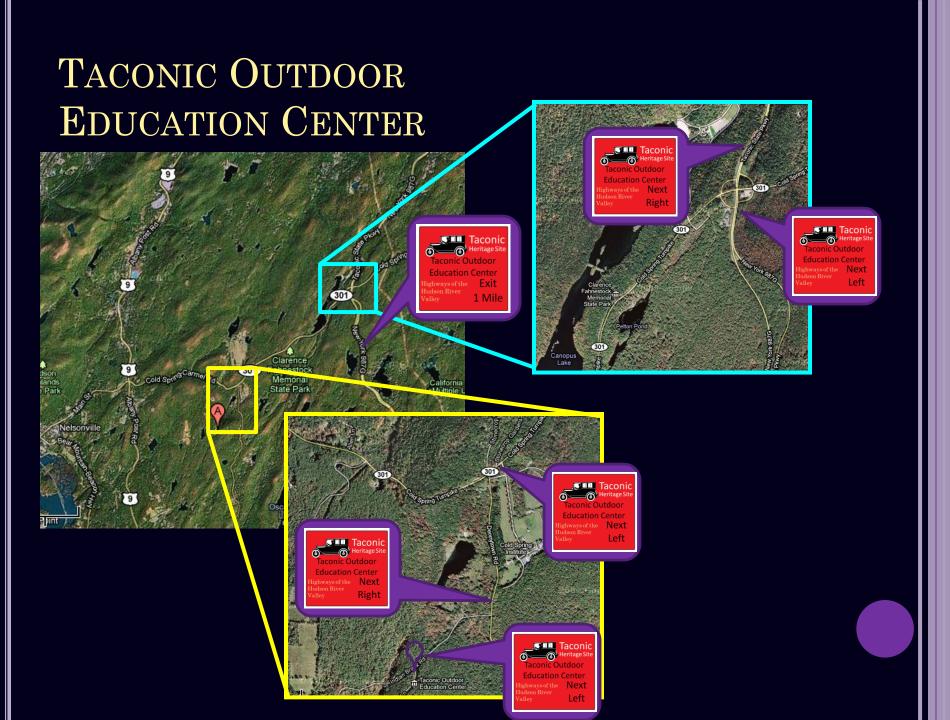


### HIGHWAY ROUTE MARKERS

Samuel Nowack

# LOCUST GROVE





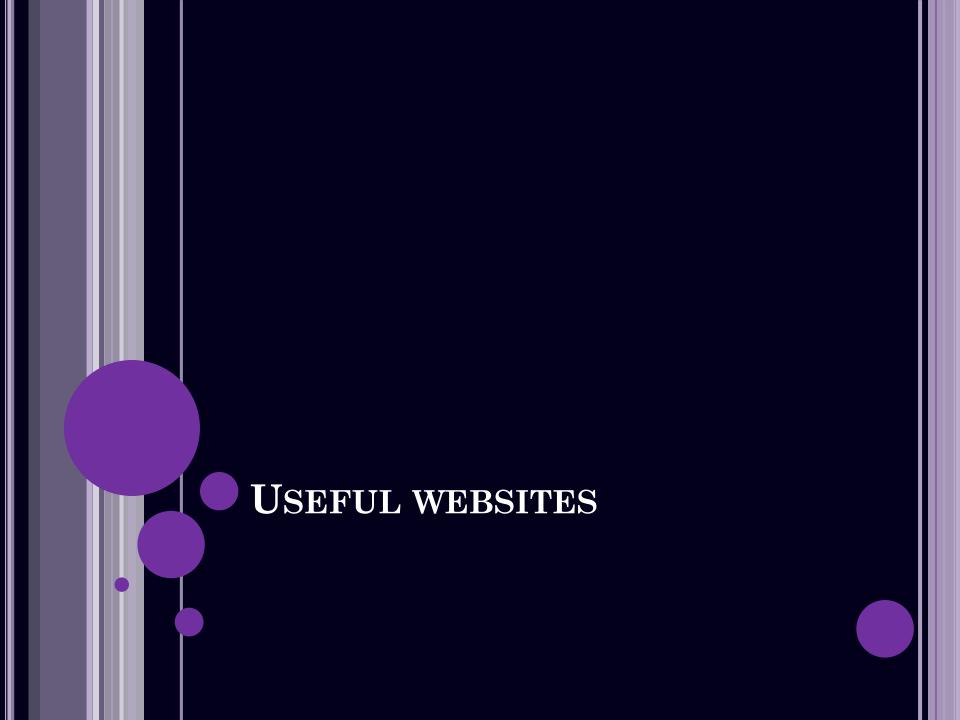
# FORT MONTGOMERY HISTORIC SITE





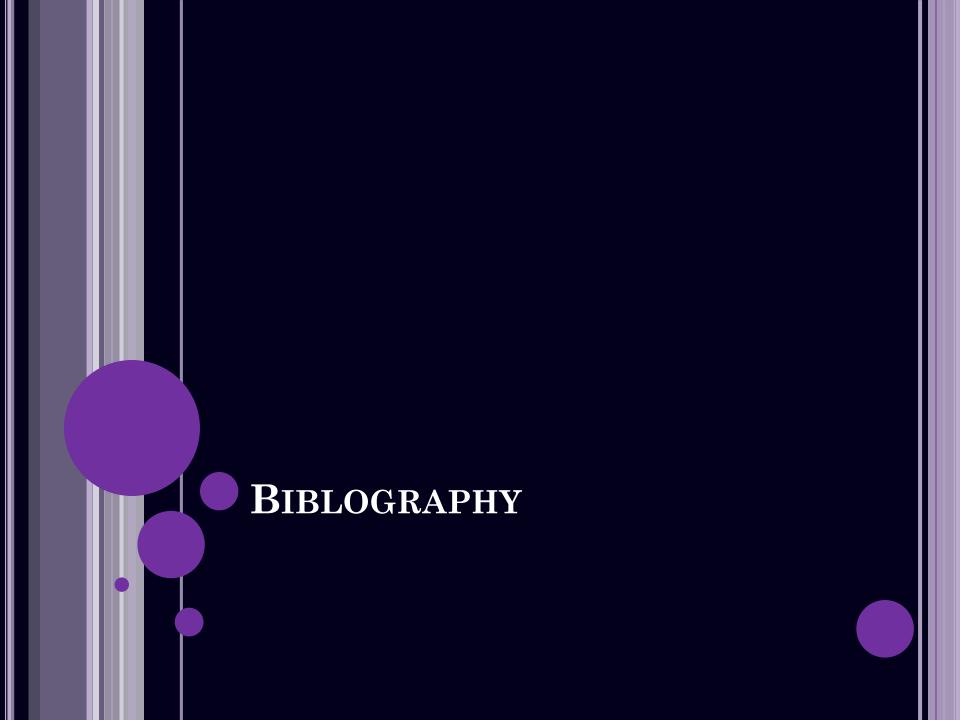
## MUSEUM VILLAGE





### IMPORTANT WEBSITES

- Taconic Outdoor Education Center
- Video
- Twin Forts
- o NYS Park
- Bird and Bottle Inn
- Locust Grove
- The Hudson River Valley
- Ramapo
- Hudson Valley
- Empire State Roads



### Works Cited

- "A manual of the principles and practice of road-making: Comprising the location, construction, and improvement of roads (common, macadam, paved, plank, etc.); and rail-roads." *Internet Archive: Digital Library of Free Books, Movies, Music & Wayback Machine*. N.p., n.d. Web. 12 Oct. 2010.
  - <a href="http://www.archive.org/stream/manualofprincipl00gillrich#page/n3/mode/2up">http://www.archive.org/stream/manualofprincipl00gillrich#page/n3/mode/2up</a>. This site was significant because it helped with knowing what the roads were made of. Also it discussed why that material was used.
- "Albany County Hall of Records." *Albany County*. Tivoli Times, n.d. Web. 11 Oct. 2010.

  <www.albanycounty.com/achor/pdf/newsletter/Tivoli-Times-01\_01.pdf>. This website was very helpful for finding information about old Albany Post Road. It provided information on how this road was known for many different
- "Eastern Roads. (2008). *Taconic State Parkway* [Historic Overview]. Retrieved October 5, 2010, from <a href="http://www.nycroads.com/roads/taconic/">http://www.nycroads.com/roads/taconic/</a> This site was useful in providing a general historic overview of the Taconic State Parkway. It provided information about its construction and transformation.

names. This websites also provided maps of Albany Post Road from 1810.

- "Fort Montgomery." *New York Division of Military and Naval Affairs*. N.p., n.d. Web. 1 Oct. 2010. <a href="mailto:kdmna.state.ny.us/forts/fortsM\_P/montgomeryFort.htm">kdmna.state.ny.us/forts/fortsM\_P/montgomeryFort.htm</a>. This site was used to find information on Fort Montgomery as a key site. Information such as location and significance of area were given.
- "Fort Montgomery State Historic Site NYS Parks, Recreation & Historic Preservation." ." New York State Parks Recreation & Historic Preservation. N.p., n.d. Web. 1 Oct. 2010. <nysparks.state.ny.us/historic-sites/28/details.aspx>.>. This site is significant because it provides viewers with information on the key site Fort Montgomery.
- "Hemmings Motor News: Taconic State Parkway." *Hemmings Motor News: Auto Classifieds Hemmings Auto Classifieds feature cars f or sale nation wide.*. N.p., n.d. Web. 11 Oct. 2010.

  <a href="http://www.hemmings.com/hmn/stories/2007/12/01/hmn\_feature14.html">http://www.hemmings.com/hmn/stories/2007/12/01/hmn\_feature14.html</a>. This website was useful because it provided information on President Roosevelt's plan of how he wanted to make the Hudson River Valley more accessible to New York City.
- "Locust Grove The Samuel F.B. Morse Historic Site." *Locust Grove The Samuel F.B. Morse Historic Site.* N.p., n.d. Web. 1 Oct. 2010. <a href="http://www.lgny.org">http://www.lgny.org</a>. Visit this site for all your questions about key site Locust Grove.

### Works Cited cont.

- "New York State Thruway Authority: Traveler Information: Ramapo Travel Plaza." *New York State Thruway Authority*. N.p., n.d. Web. 3 Oct. 2010. <a href="http://www.thruway.ny.gov/travelplazas/tp-033s.html">http://www.thruway.ny.gov/travelplazas/tp-033s.html</a>. The New York State Thruway as a key site can be found on this site.
- "O'Flaherty, Coleman A.. *Highways, Fourth Edition*. 4 ed. St. Louis: Butterworth-Heinemann, 2002. Print. This website discussed the material used to make the roads.
- "Orange County QuickFacts from the US Census Bureau." *State and County QuickFacts*. N.p., n.d. Web. 12 Oct. 2010. <a href="http://quickfacts.census.gov/qfd/states/36/36071.html">http://quickfacts.census.gov/qfd/states/36/36071.html</a>. This site provided information about the population of people in a town, ethnicity included, and average income.
- "Palisade Interstate Parkway." *NYC Roads*. N.p., n.d. Web. 11 Oct. 2010. <www.nycroads.com/roads/palisades>. This website was useful because it provided information on how William A. Welch designed a concept and a strategy for accomplishing the Palisade parkway.
- Patten, Carl Van. "Old Road Society." *The HUDSON VALLEY GATEWAY Website travel information shops.* N.p., n.d. Web. 11 Oct. 2010. <a href="http://www.hvgateway.com/orsh.htm">http://www.hvgateway.com/orsh.htm</a>. This website was useful because it provided a timeline of Old Albany Post Road and how it was first used.
- "Plan to save the Palisades." *New York Times* 27 June 1899: 6. Print. This site allowed me to learn about why the Palisades Parkway was built.
- "Poughkeepsie (city) QuickFacts from the US Census Bureau." *State and County QuickFacts*. N.p., n.d. Web. 12 Oct. 2010. <a href="http://quickfacts.census.gov/qfd/states/36/3659641.html">http://quickfacts.census.gov/qfd/states/36/3659641.html</a>. This site provided information about the population of people in a town, ethnicity included, and average income.
- "Proposal." *New York Times* 23 July 1958: 41. Print. This website was significant because it discussed the proposal to save the Palisades Parkway.
- "Putnam County QuickFacts from the US Census Bureau." *State and County QuickFacts*. N.p., n.d. Web. 12 Oct. 2010. <a href="http://quickfacts.census.gov/qfd/states/36/36079.html">http://quickfacts.census.gov/qfd/states/36/36079.html</a>. This site provided information about the population of people in a town, ethnicity included, and average income.
- "Rockland County QuickFacts from the US Census Bureau." *State and County QuickFacts*. N.p., n.d. Web. 12 Oct. 2010. <a href="http://quickfacts.census.gov/qfd/states/36/36087.html">http://quickfacts.census.gov/qfd/states/36/36087.html</a>. This site provided information about the population of people in a town, ethnicity included, and average income.

### Works Cited cont.

- "Taconic Outdoor Education Center NYS Parks, Recreation & Historic Preservation." *New York State Parks Recreation & Historic Preservation*. N.p., n.d. Web. 7 Oct. 2010. <a href="http://nysparks.state.ny.us/environment/nature-centers/3/details.aspx">http://nysparks.state.ny.us/environment/nature-centers/3/details.aspx</a>. This site is significant because it gives viewers all types of information on the Taconic Outdoor Education Center, a key site.
- "The Palisades (bluffs, New Jersey and New York, United States) -- Britannica Online Encyclopedia." *Encyclopedia Britannica Online Encyclopedia*. N.p., n.d. Web. 12 Oct. 2010. <a href="http://www.britannica.com/EBchecked/topic/439867/The-Palisades">http://www.britannica.com/EBchecked/topic/439867/The-Palisades</a>. The significance of this site lies in the information provided about the Palisades Parkway.
- Virgintino, Mike. "NY's Bird and Bottle Inn Features Revolutionary, Ghostly History." *Suite101*. N.p., n.d. Web. 7 Nov. 2010. <a href="https://www.suite101.com/content/nys-bird-and-bottle-inn-features-revolutionary-ghostly-history-a239788">history-a239788</a>. Anyone who is looking for information on the Bird and Bottle Inn, such history, can visit this site.
- "Welcome to the Hudson River Valley National Heritage Area." *Welcome to the Hudson River Valley National Heritage Area*. N.p., n.d. Web. 5 Oct. 2010. <a href="http://www.hudsonrivervalley.com">http://www.hudsonrivervalley.com</a>. This is a very significant website because it allows viewers to access information on ALL areas of the Hudson Valley and what they have to offer.
- "Welcome | The Bird & Bottle Inn | hudson valley bed & breakfast." *Welcome | The Bird & Bottle Inn | hudson valley bed & breakfast*. N.p., n.d. Web. 5 Oct. 2010. <a href="http://www.thebirdandbottleinn.com">http://www.thebirdandbottleinn.com</a>. Visit this site if you are looking to stay or dine at the Bird and Bottle Inn.
- Wing , JP . "History of the New York State Thruway pg. 1." *The Upstate N.Y. Roads Site*. N.p., n.d. Web. 11 Oct. 2010. <a href="http://www.upstatenyroads.com/thruway-history1.shtml">http://www.upstatenyroads.com/thruway-history1.shtml</a>. This website was useful because it discussed the New York State Thruway from the beginning of the production and how Governor Thomas E. Dewey took part in it.
- "Westchester County QuickFacts from the US Census Bureau." *State and County QuickFacts*. N.p., n.d. Web. 12 Oct. 2010. <a href="http://quickfacts.census.gov/qfd/states/36/36119.html">http://quickfacts.census.gov/qfd/states/36/36119.html</a>. This site provided information about the population of people in a town, ethnicity included, and average income.
- Yasinsac, R. (2006). *Milestones* [Fact Sheet]. Retrieved October 5, 2010, from <a href="http://www.hudsonvalleyruins.org/yasinsac/milestones/milestones.html">http://www.hudsonvalleyruins.org/yasinsac/milestones/milestones.html</a> This site had interesting facts and images of Old Albany
- "YouTube New York State Parks Fahnestock and Hudson Highlands." *Youtube-Broadcast Yourself.*. N.p., n.d. Web. 1 Oct. 2010. <a href="http://www.youtube.com/watch?v=YExq\_fDAlKc">http://www.youtube.com/watch?v=YExq\_fDAlKc</a>. This is a significant video on the Taconic State Park. If you are a visual person, watch this to learn more about the area.