Farm GIS for Animal Welfare, Water Health, and Aesthetic Enjoyment

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First, About Me...

- Grew up in suburbs, had a gerbil
- Went to college in Maine for Environmental Science
- Wanted to use GIS as tool while wading knee deep in bogs and wetlands
- Happy with life until my daughter and wife wanted to take horse riding lessons
- We get a once in a lifetime chance to buy our dream farm!
- GIS and Environmental Science kick in and my planning nightmare begins...
And now the farm...

- Land was gifted to General William Eaton after fighting in the Barbary Wars
- Farm House from the 1750’s
- Dam built on Hollow Brook in 1780’s for Mill
- 30 Acres + 65 Acres
- Most of Lower Fields are Sandy Subsoil
Soils
Topography
Slope
Water Resources
Pasture Land
The Brimfield Antique Show

• The Largest Outdoor Antique Show in the World
  ▫ 6,000 vendors
  ▫ Over 150,000 Attendees (some estimates put it over 250,000)
• Covers Most of the Open Fields Along Route 20
• 3 Shows/Year
• Shortcut for the 1 Mile Stretch of Route 20 is a 14 Mile Country Road
BRIMFIELD, MA
Parking - Scenario 1

300 sq ft per car (10’ x 30’/car)

373 cars total
Parking - Scenario 2

300 sq ft per car
(10’ x 30’/ car)

327 cars total
Archeology

Possible “Ice Road” and Ice House Location

Original Well
1800’s pocket watch found
Questions and Answers

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