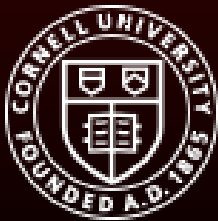


# Cornell Cooperative Extension Association of Erie County

## Capital Project Plan

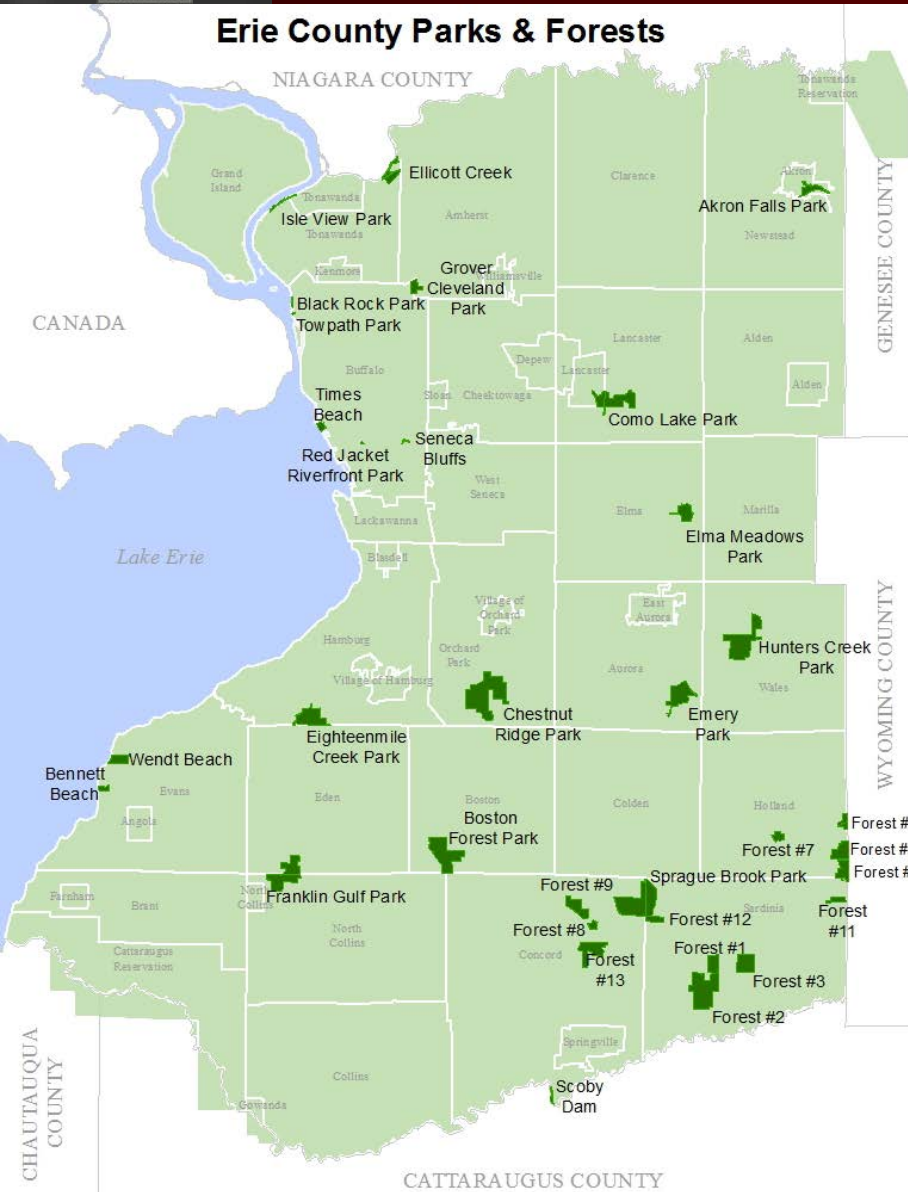
Date: April 20, 2017



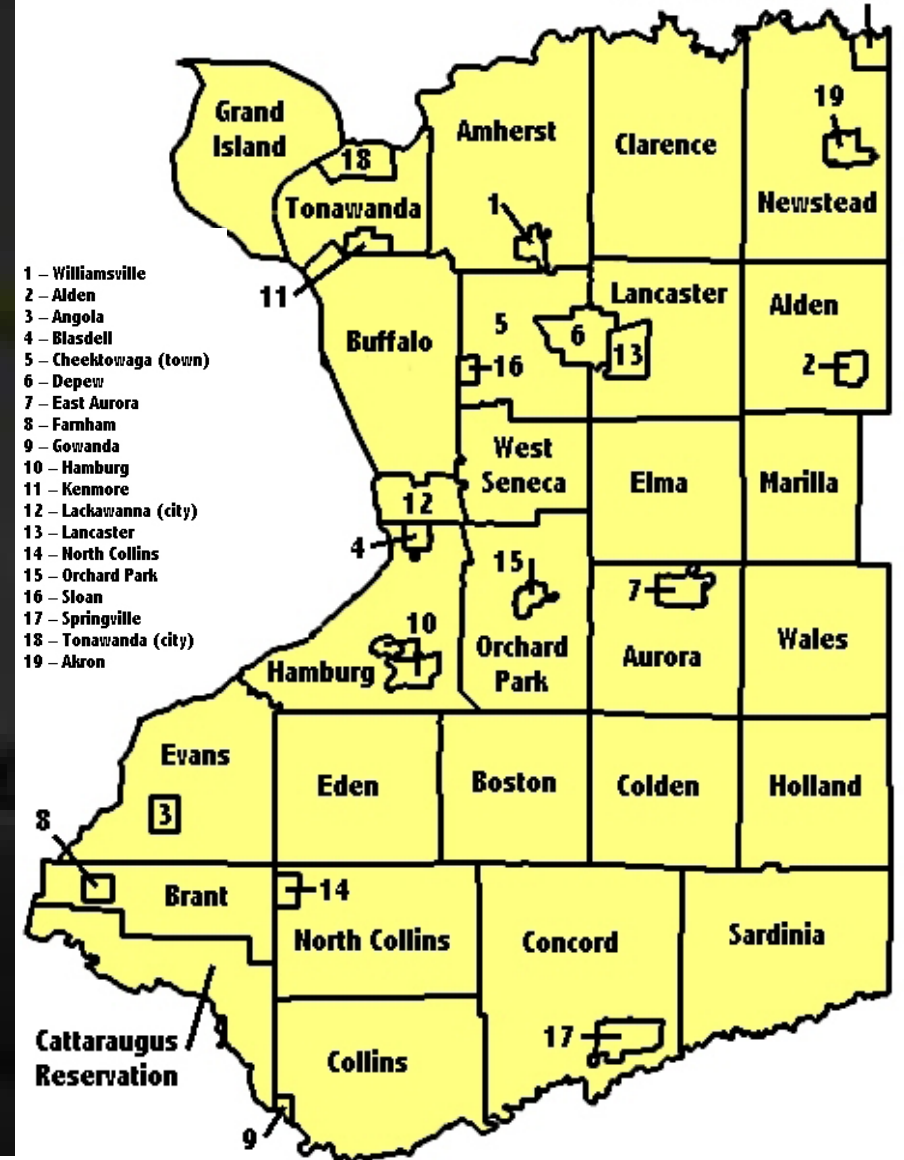
## Cooperative Extension

# Erie County Parks and Forests + Town/Village Locations

## Erie County Parks & Forests



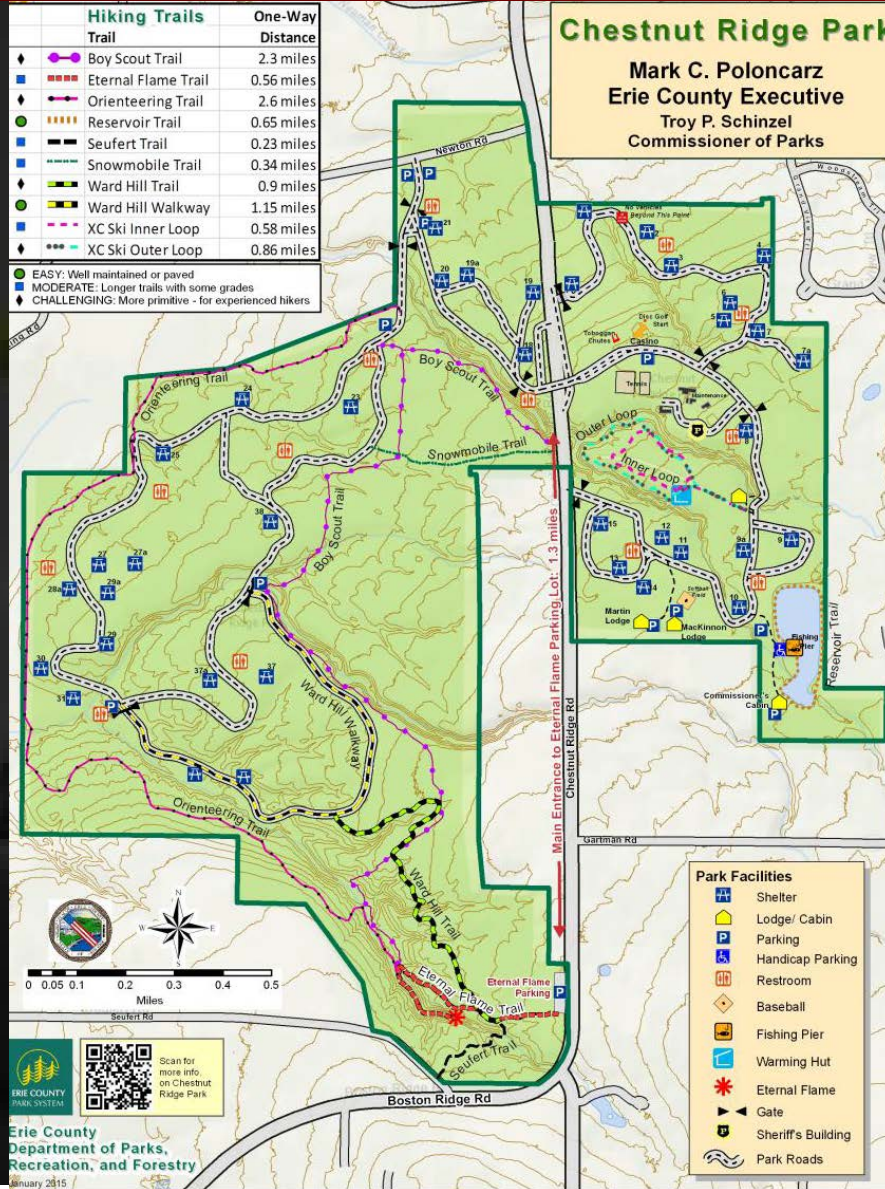
## Tonawanda Reservation



- 1 - Williamsville
- 2 - Alden
- 3 - Angola
- 4 - Blasdell
- 5 - Cheektowaga (town)
- 6 - Depew
- 7 - East Aurora
- 8 - Farnham
- 9 - Gowanda
- 10 - Hamburg
- 11 - Kenmore
- 12 - Lackawanna (city)
- 13 - Lancaster
- 14 - North Collins
- 15 - Orchard Park
- 16 - Sloan
- 17 - Springville
- 18 - Tonawanda (city)
- 19 - Akron

# Erie County Parks and Forests: Chestnut Ridge Park

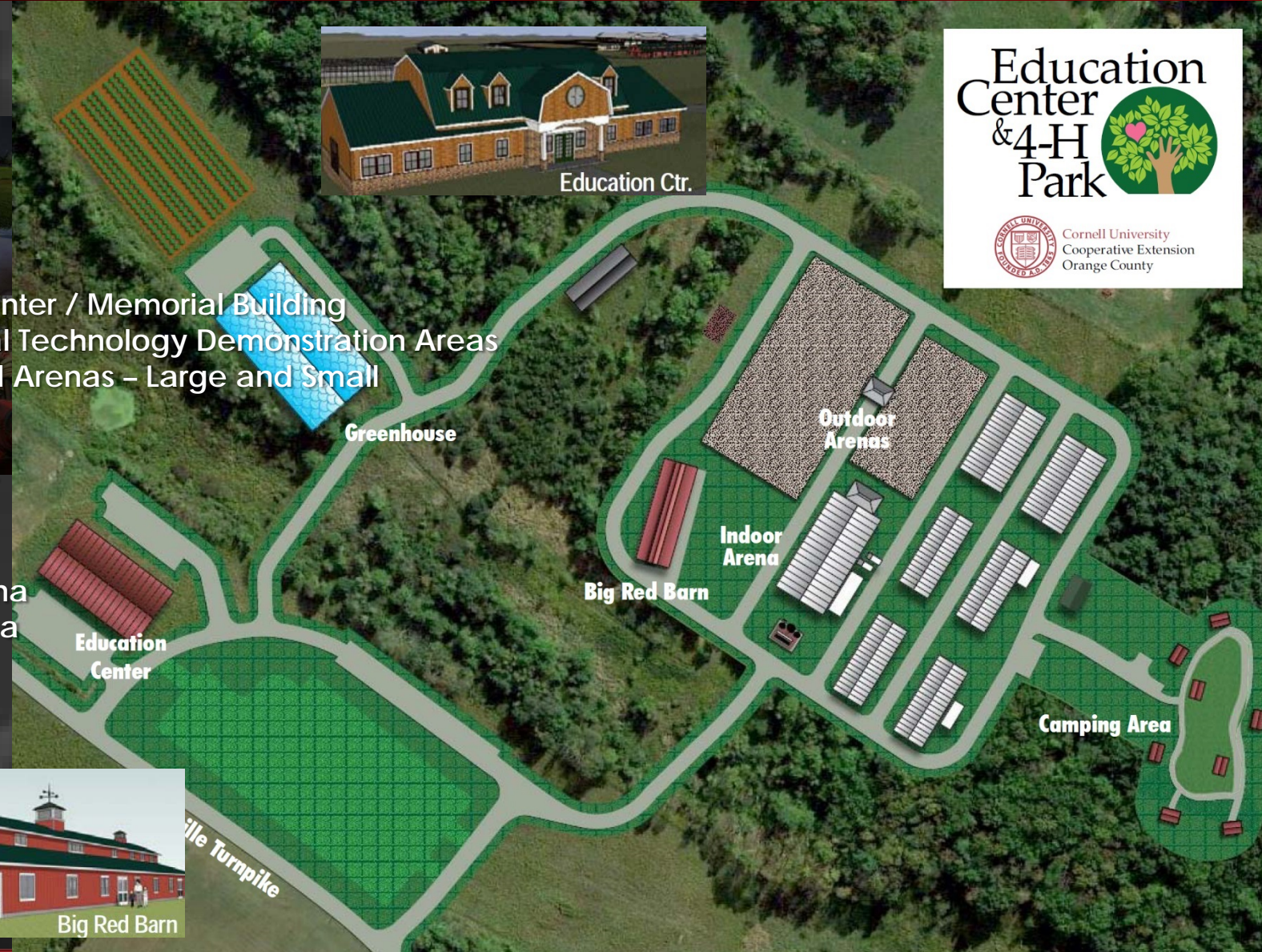
## Erie County Parks & Forests



**Chestnut Ridge Park**  
 Mark C. Poloncarz  
 Erie County Executive  
 Troy P. Schinzel  
 Commissioner of Parks

Erie County  
 Department of Parks,  
 Recreation, and Forestry  
 January 2015

# Precedent Research – Education Center & 4-H Park



## Major Facilities:

1. Education Center / Memorial Building
2. Environmental Technology Demonstration Areas
3. Open Fenced Arenas – Large and Small
4. Resting Park
5. Pole Barns
6. Milking Parlor
7. Big Red Barn
8. Greenhouse
9. Covered Arena
10. Camping Area



# Precedent Research – Knox Farm State Park



## POTENTIAL LOCATION

Central to Erie County - West Seneca, Elma, Marilla, Alden, East Aurora, Orchard Park, Hamburg

## POTENTIAL SIZE

6- 11 acres minimum, larger if reasonably available

## POTENTIAL EXISTING LAND USE

Varying Plant cover: field, woodlot, possibly fallow farmland

## POTENTIAL CCE LAND USE

Building(s): Education / 4H Center

Greenhouse

Equipment Barn

Animal Husbandry Pole Barn

Stables

Outdoor Riding Arena

Indoor Riding Arena

Land Use: Pilot / Demonstration Plots

"Victory Gardens" / Gardening Education / Garden Plots

Area for agricultural workforce / equipment instruction

# Program Requirements / Estimated Budget

## Phase 1:

### WELCOME / EDUCATION CENTER



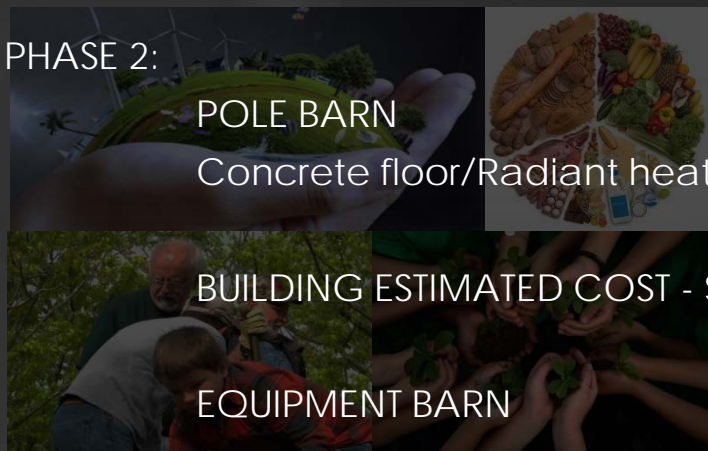
PUBLIC MEETING SPACE (dividable)	
140 persons (15sf/person)	2,100
OFFICES (existing x 20%)	4,200
TOILETS (m & f)	600
BUILDING CIRCULATION / SUPPORT	1,500
	<hr/>
TOTAL	8,400 SF

### PARKING 50 - 70 CARS

BUILDING ESTIMATED COST - \$75 - 125 / SF	= \$630,000 - \$1,050,000
SITE DEVELOPMENT ESTIMATED COST =	\$100,000 - 125,000
	<hr/>
TOTAL	\$730,000 - \$1,175,000

# Program Requirements / Estimated Budget

## PHASE 2:



POLE BARN

Concrete floor/Radiant heat

40' X 120' 4,800 SF

BUILDING ESTIMATED COST - \$50 -65 / SF = \$240,000 - \$312,000

EQUIPMENT BARN

40' X 120' 4,800 SF

BUILDING ESTIMATED COST - \$40 - \$50 /SF \$192,000- \$240,000

TOTAL 9,600 SF

## PHASE 3:

GREENHOUSE

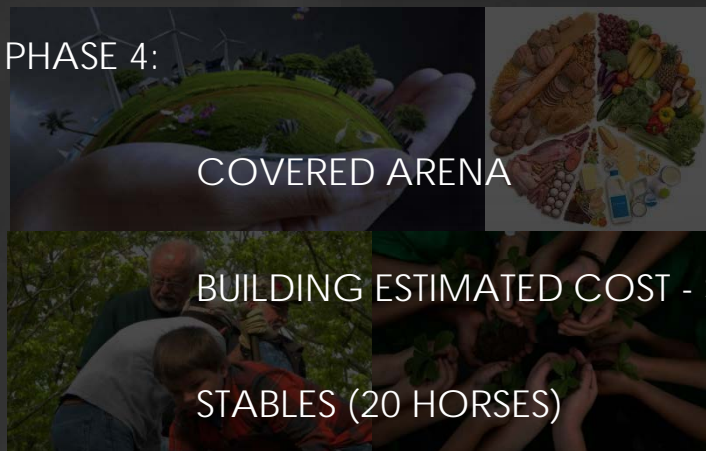
21' X 100' 2,100 SF

BUILDING ESTIMATED COST- \$30 - \$60 / SF= \$ 63,000 - \$126,000



# Program Requirements / Estimated Budget

PHASE 4:



COVERED ARENA

75' X 150' 11,250 SF

BUILDING ESTIMATED COST - \$40-\$50 /SF \$450,000 - \$562,500

STABLES (20 HORSES)

36' X 140' 5,040 SF

BUILDING ESTIMATED COST - \$75 - \$80 / SF \$378,000 - \$403,200

ACREAGE FOR BUILDINGS, TEST PLOTS, DEMONSTRATION PLOTS

10 - 12 ACRES

LAND ESTIMATED COST - \$4K - \$20K / ACRE

\$40,000 - \$140,000 - \$240,000

# Prototype Building & Site Diagram

