



Groton School Facilities Initiative

Facilities Inventory and Conditions

March 14, 2013





Introduction

- Facilities Locations, Sites and Footprints
- Maintenance and Capital Facilities Needs
- Classrooms and Core Facility Space Comparisons

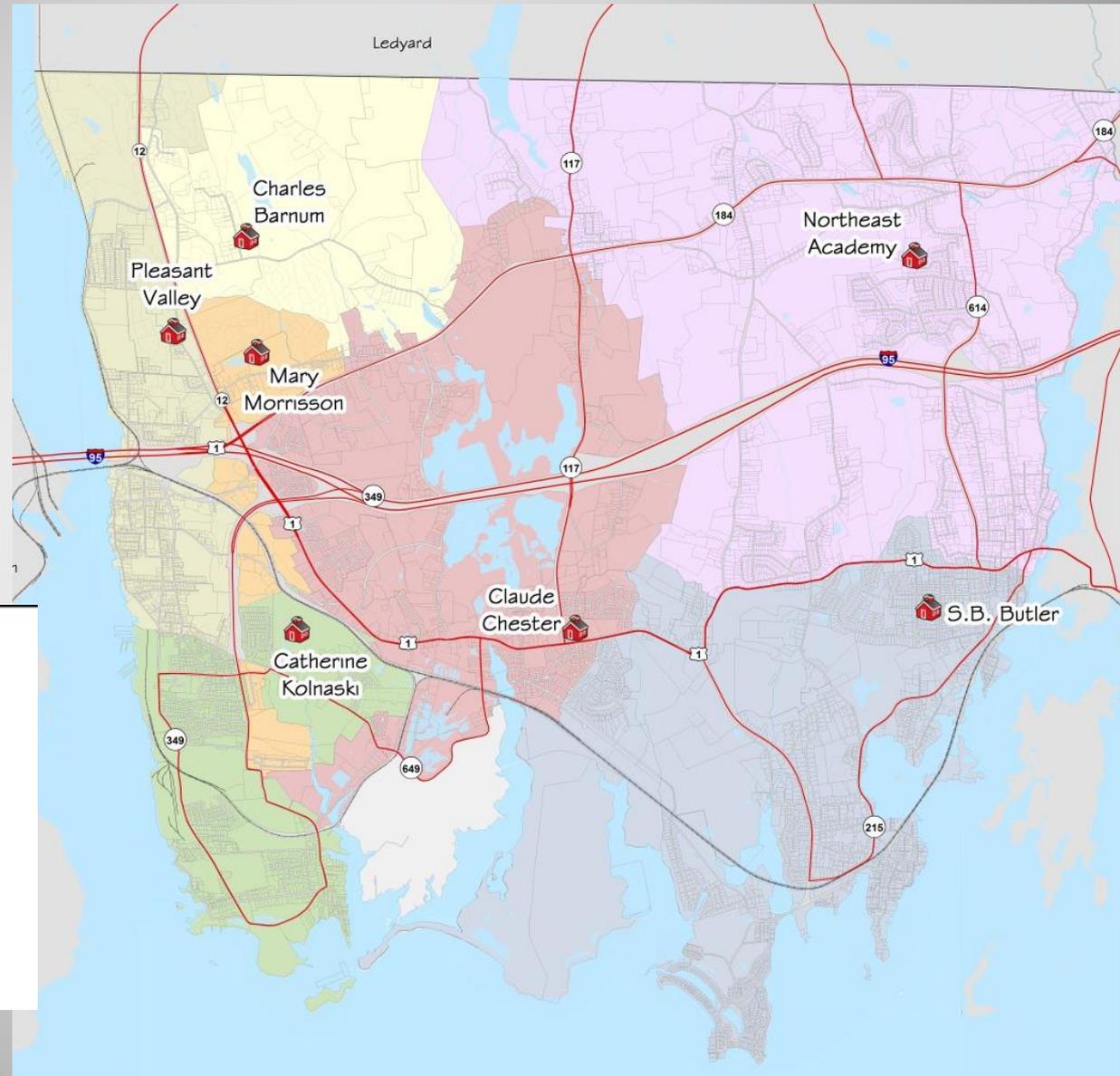


Elementary Schools

Groton Public Schools

Redistricting Plan

Current Elementary
Schools and
Redistricted Boundaries



Elem. Boundaries

- Catherine Kolnaski
- Charles Barnum
- Claude Chester
- Mary Morrison
- North East Academy
- Pleasant Valley
- S.B. Butler



Charles Barnum

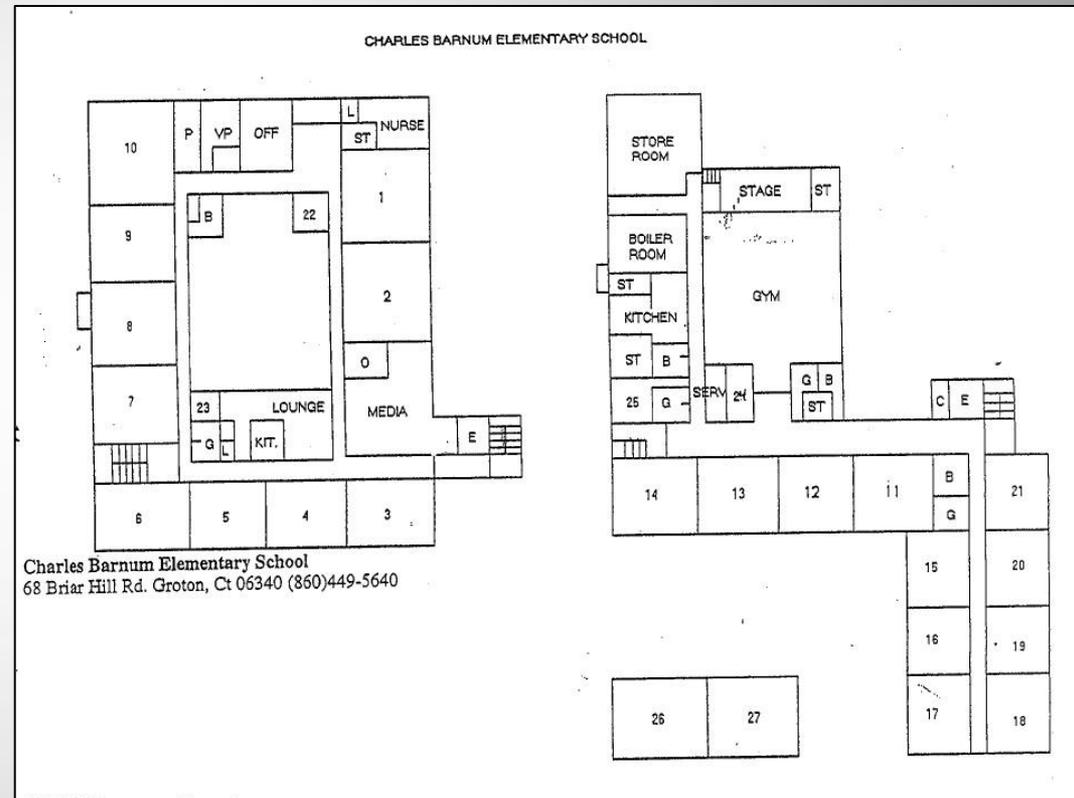
- Built in 1965
- 43,513 square feet
- 16 acres





Charles Barnum

- 30 Total Rooms –
23 Full-Size
Classrooms
- Includes 2
Portables
- Targeted
Capacity – 428
Students
- October 2012
Enrollment: 401
Students





Charles Barnum

Previous Updates/ Maintenance

- Roof replaced
- Parking lot expanded
- Friable asbestos removed
- Data and wi-fi
- Telephones installed in all rooms



Charles Barnum

High Priority Facility Needs

- Fire alarm replacement
- Fire sprinklers
- Electrical
- HVAC
- Handicap accessibility
- Security
- Replace portables with permanent space
- Energy-efficient windows

TOTAL: \$5,346,000
+ Related Costs: \$6,682,000



Catherine Kolnaski

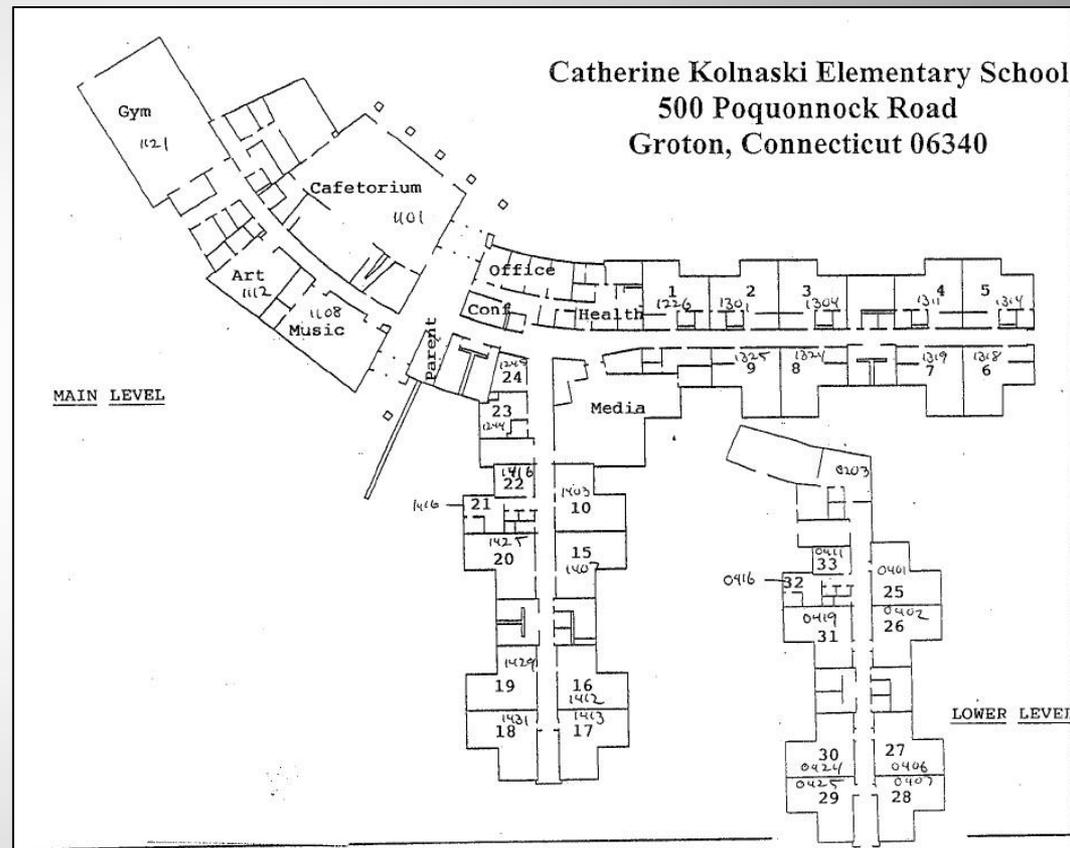
- Built in 2007
- 61,642 square feet
- 124 acres





Catherine Kolnaski

- 39 Total Rooms –
24 Full-Size
Classrooms
- Targeted
Capacity – 469
- October 2012
Enrollment: 418
Students





Catherine Kolnaski

Previous Updates/ Maintenance

- New 2008

High Priority Facility Needs

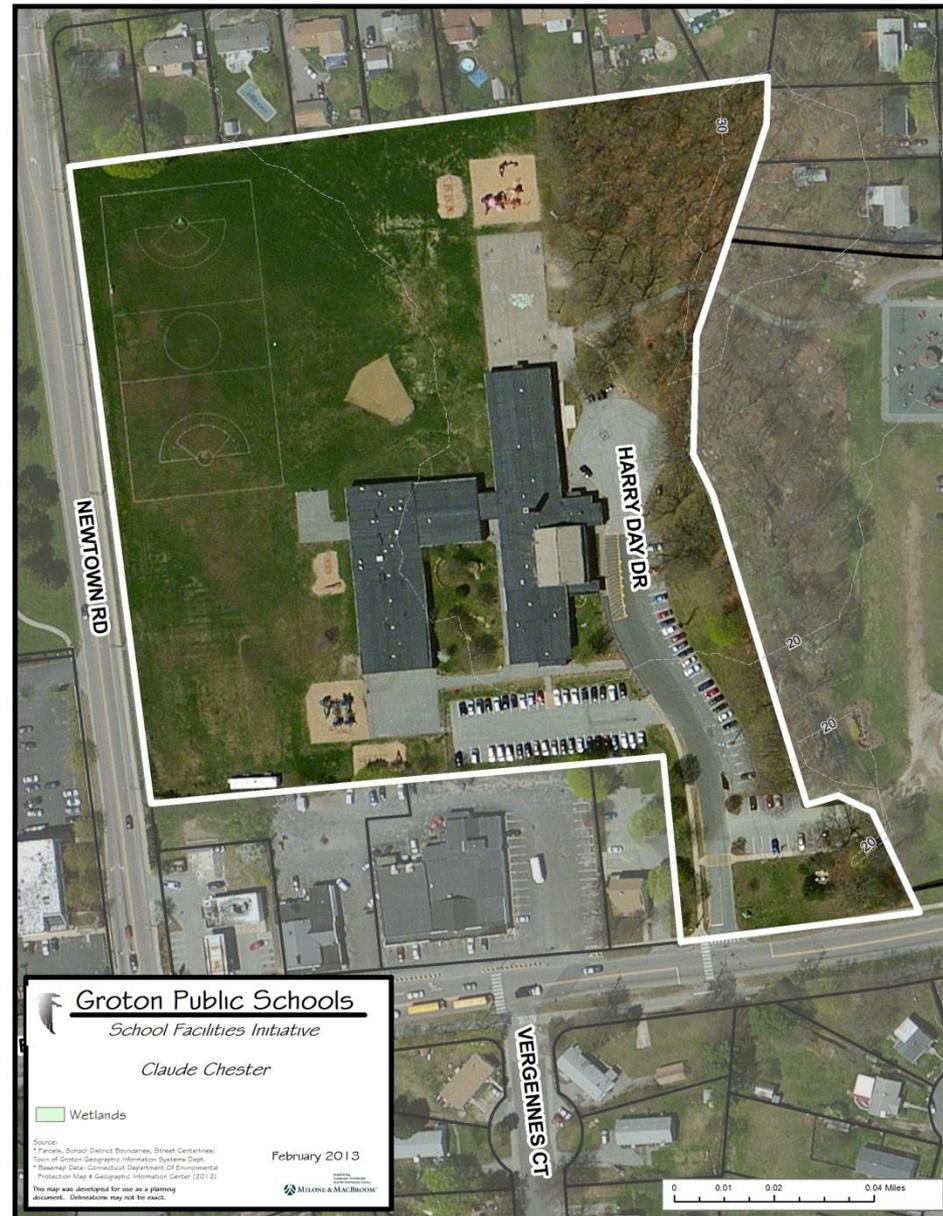
- Security - \$110,000

TOTAL: \$110,000
+ Related Costs: \$137,500



Claude Chester

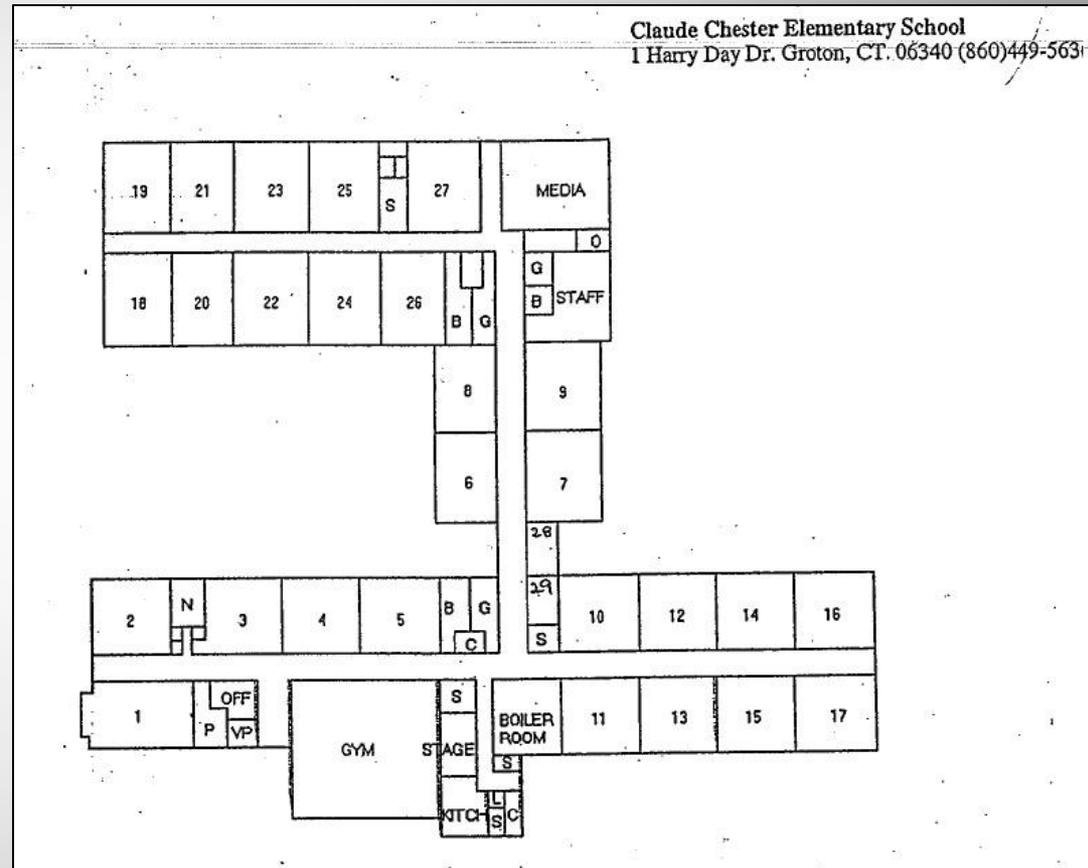
- Built in 1952
- 43,581 square feet
- 11.57 acres





Claude Chester

- 31 Total Rooms
– 26 Full-Size Classrooms
- Targeted Capacity – 469
- October 2012 Enrollment: 350 Students





Claude Chester

Previous Updates/ Maintenance

- Roof Replaced
- Windows replaced
- Boilers Replaced
- Friable asbestos removed
- Data and wi-fi
- Telephones installed in all rooms



Claude Chester

High Priority Facility Needs

- Replace heating system
- Electrical
- Structural
- HVAC
- Fire alarm replacement
- Fire sprinklers
- Parking
- Handicap accessibility
- Security
- Encapsulate dirt crawl space

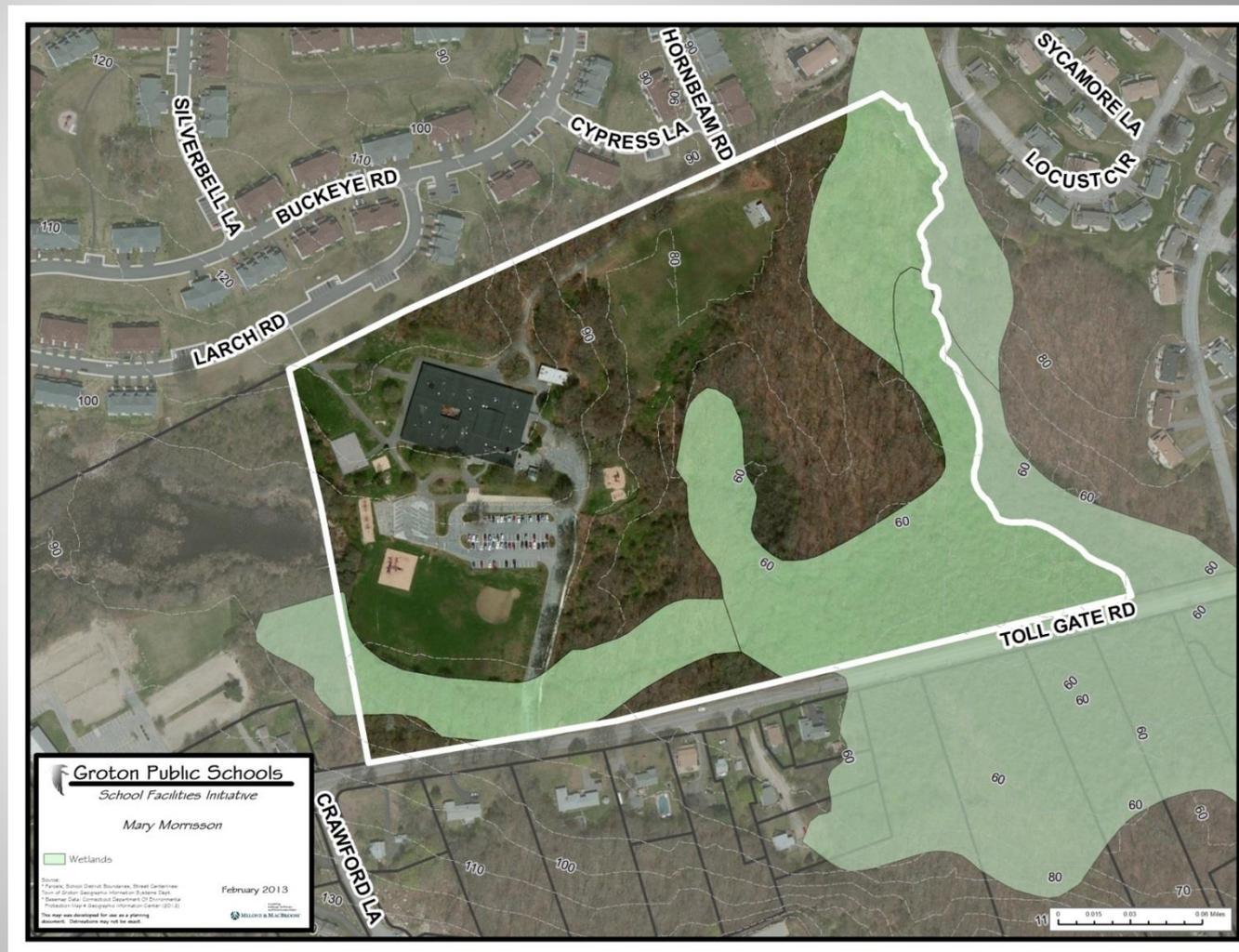
TOTAL: \$7,600,000

+ Related Costs: \$9,500,000



Mary Morrisson

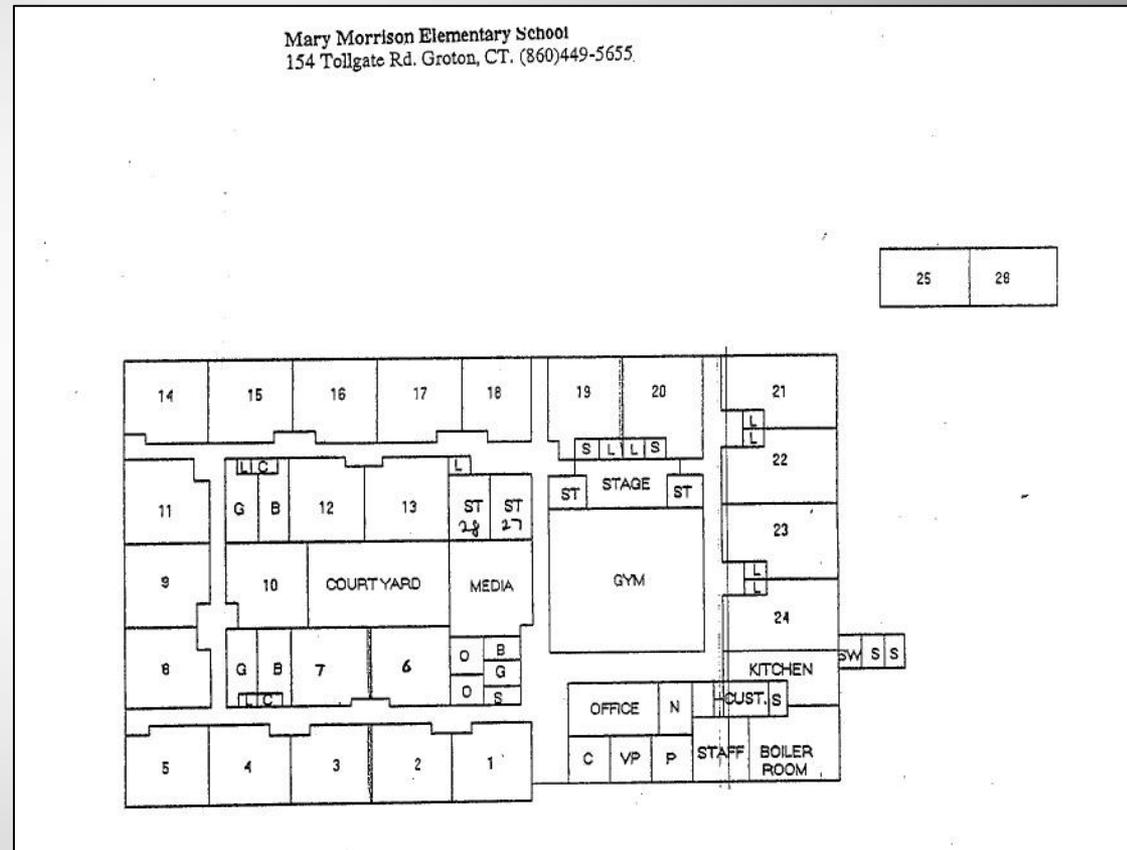
- Built in 1963
- 42,240 square feet
- 36.7 acres





Mary Morrisson

- 29 Total Rooms
– 24 Full-Size Classrooms
- Includes 2 Portables
- Targeted Capacity – 489
- October 2012 Enrollment: 363 Students





Mary Morrisson

Previous Updates/ Maintenance

- Roof replaced
- Asbestos abated
- Data and wi-fi
- Telephones installed in all rooms



Mary Morrisson

High Priority Facility Needs

- Electrical
- HVAC
- Replace boilers
- Replace portables with permanent space
- Handicap accessibility
- Fire alarm replacement
- Fire sprinklers
- Parking
- Security

TOTAL: \$5,419,000
+ Related Costs: \$6,774,000



Northeast Academy

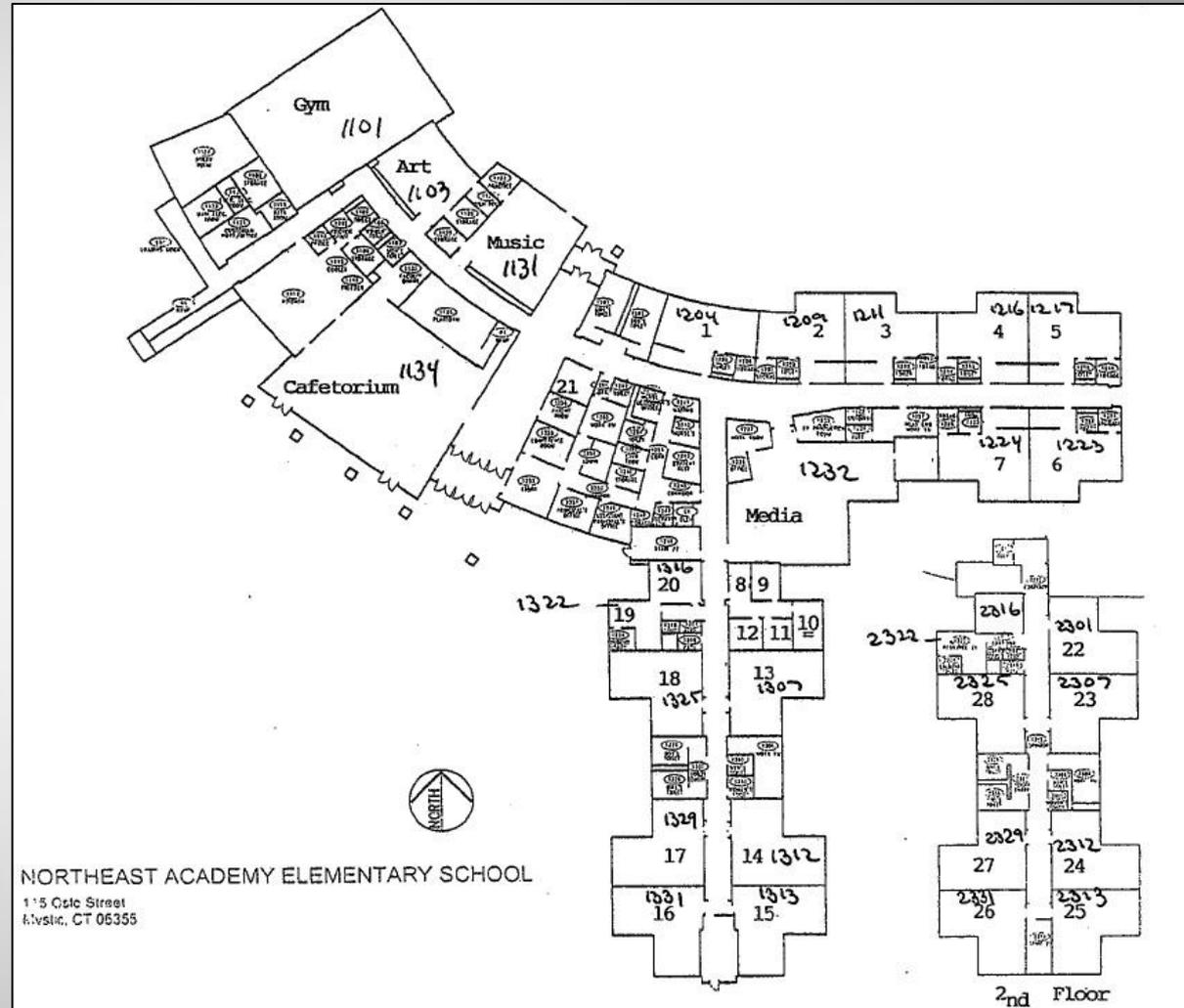
- Built in 2007
- 55,278 square feet
- 21.1 acres





Northeast Academy

- 39 Total Rooms – 21 Full-Size Classrooms
- Targeted Capacity – 408
- October 2012 Enrollment: 403 Students





Northeast Academy

Previous Updates/ Maintenance

- New 2008

High Priority Facility Needs

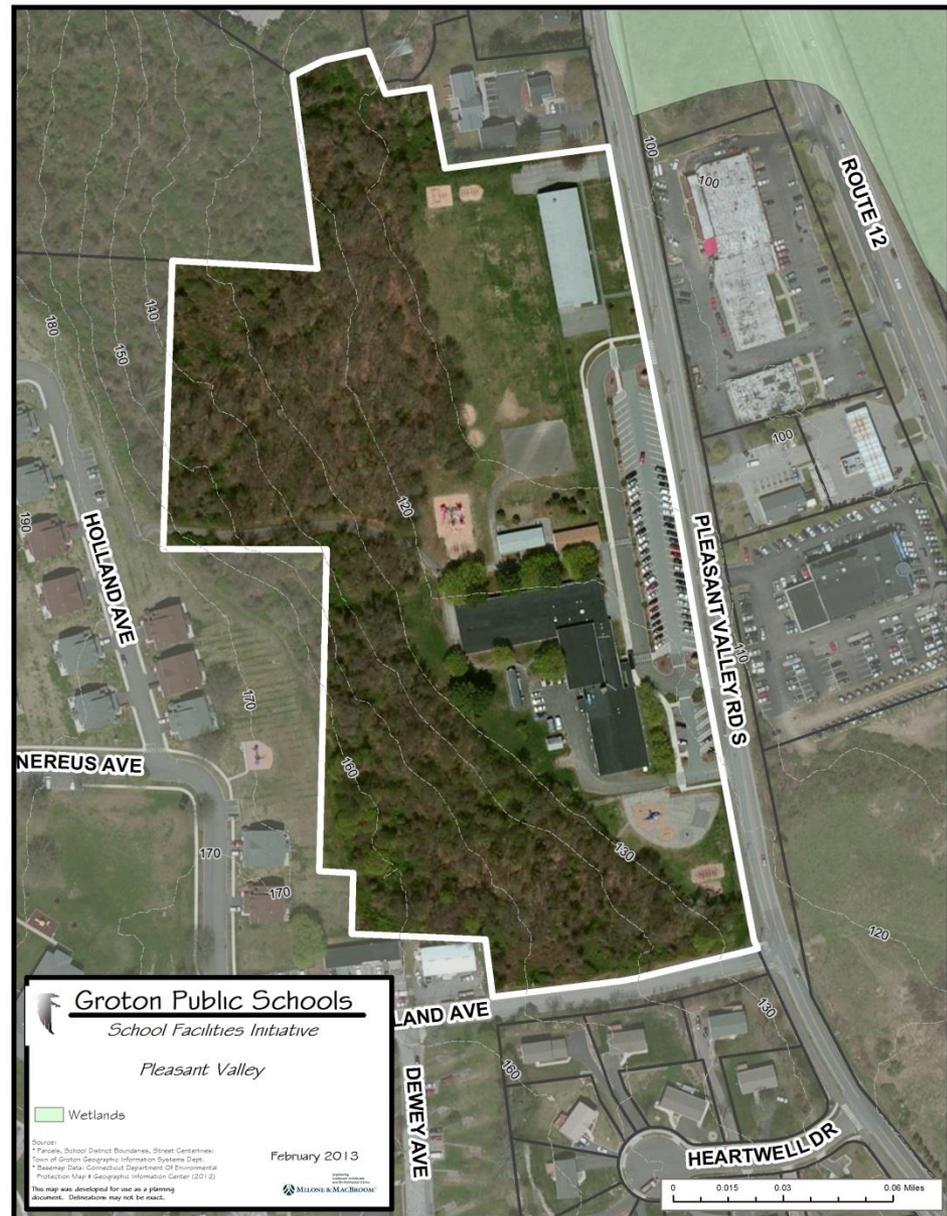
- Security - \$99,000

TOTAL: \$99,000
+ Related Costs: \$124,000



Pleasant Valley

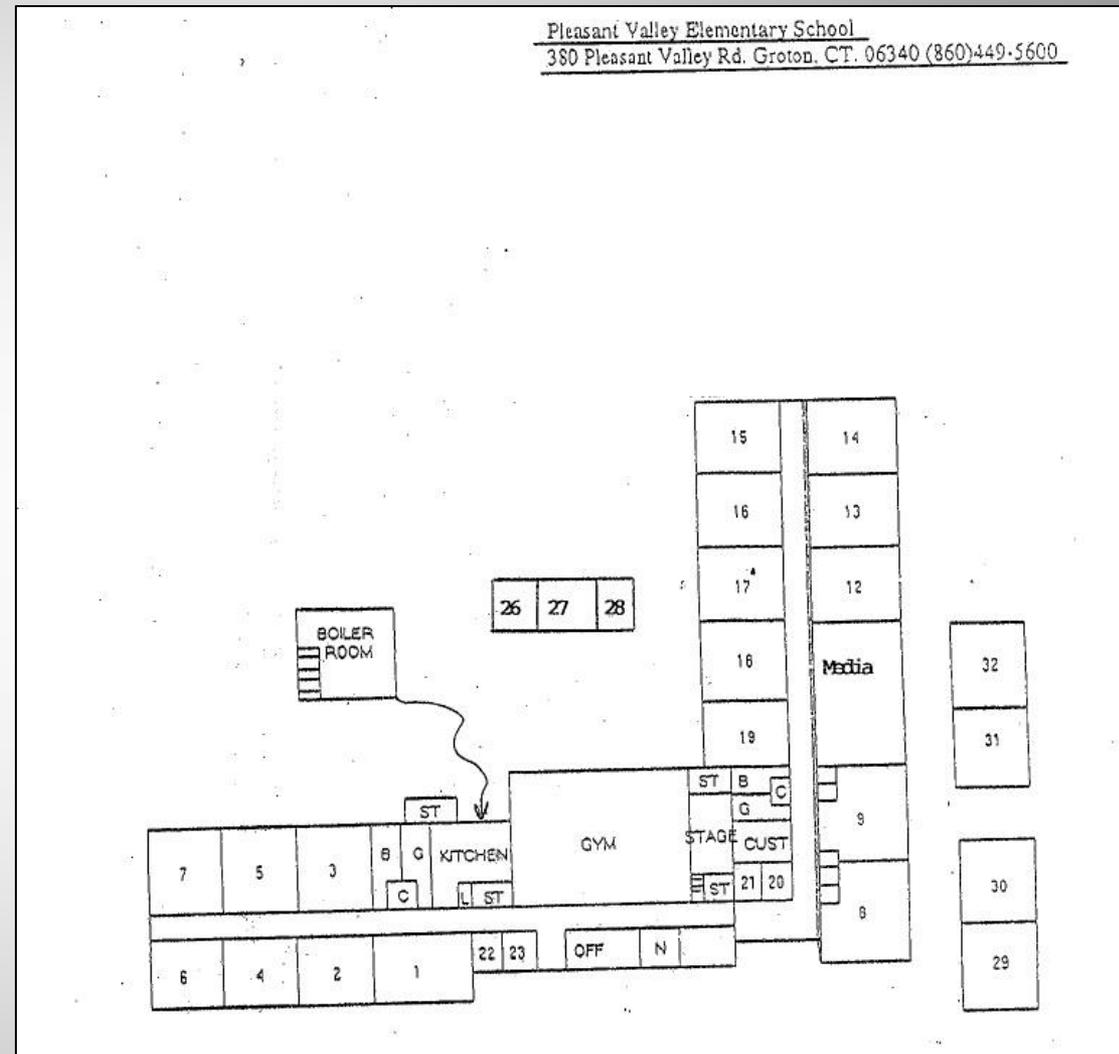
- Built in 1955
- 33,728 square feet
- 16.74 acres





Pleasant Valley

- 28 Total Rooms
– 21 Full-Size Classrooms
- Includes 5 Portables
- Targeted Capacity – 367
- October 2012 Enrollment: 341 Students





Pleasant Valley

Previous Updates/ Maintenance

- Roof replaced
- Asbestos abated
- Data and wi-fi
- Telephones installed in all rooms
- Windows replaced
- Parking lot
- Non-friable asbestos removed



Pleasant Valley

High Priority Facility Needs

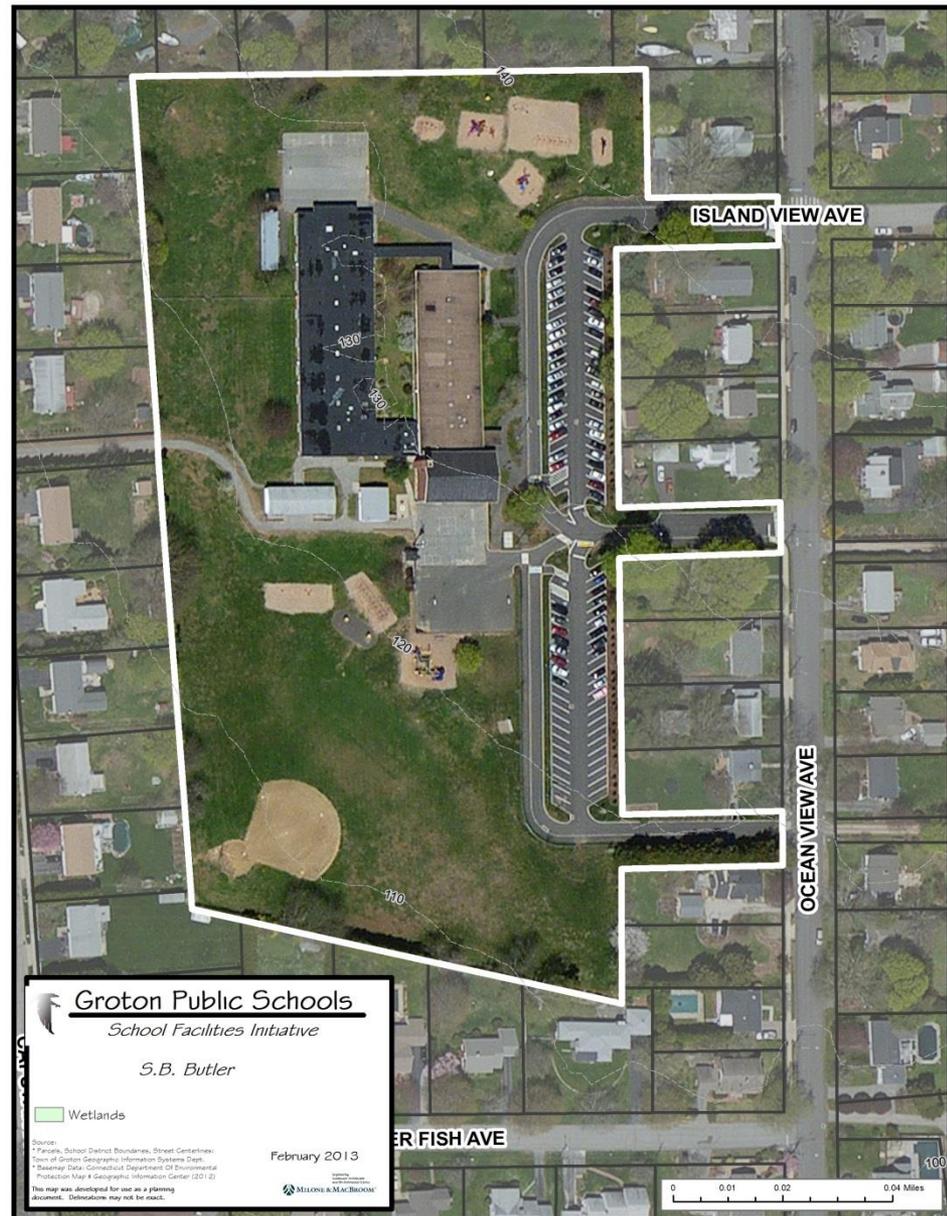
- Electrical
- Replace boilers
- Replace heating system
- Replace portables
- Handicap accessibility
- HVAC
- Fire alarm replacement
- Fire sprinklers
- Security
- Encapsulate dirt crawl space

TOTAL: \$5,739,700
+ Related Costs: \$7,174,600



S.B. Butler

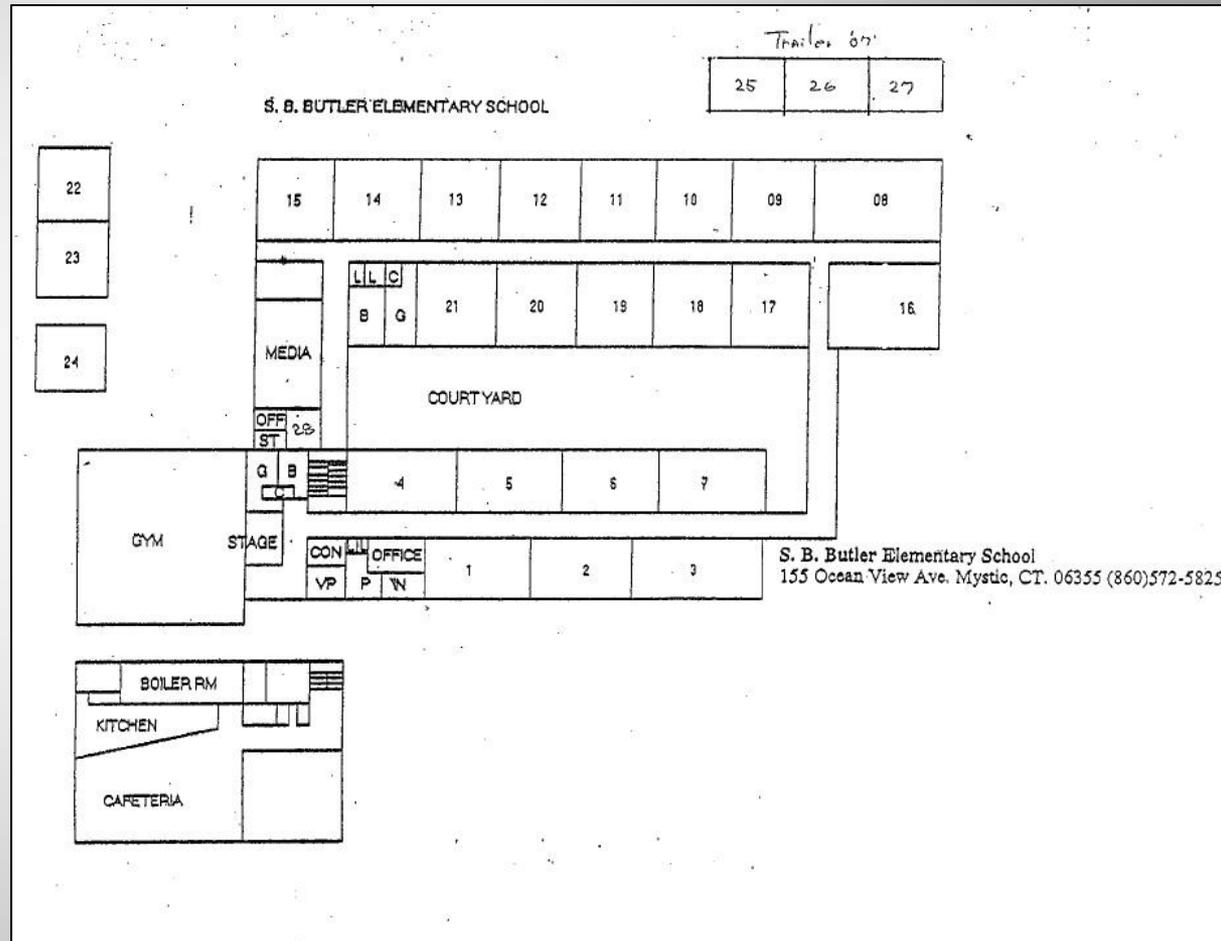
- Built in 1952
- 37,850 square feet
- 9.33 acres





S.B. Butler

- 30 Total Rooms – 24 Full-Size Classrooms
- Includes 4 Portables
- Targeted Capacity – 428
- October 2012 Enrollment: 352 Students





S.B. Butler

Previous Updates/ Maintenance

- Partial roof replacement
- Boilers replaced
- Friable asbestos removed
- Data and wi-fi
- Telephones installed in all rooms
- Parking



S.B. Butler

High Priority Facility Needs

- Replace heating system
- Electrical distribution
- Replace portables with permanent space
- Non-friable asbestos removal
- Roofing
- Energy Efficient Windows
- Fire Alarm replacement
- Fire sprinklers
- Structural
- Handicap accessibility
- HVAC
- Security
- Encapsulate dirt crawl space

TOTAL: \$8,390,500
+ Related Costs: \$10,488,000



Elementary Comparison

Elementary Facilities Comparison

School	Year Built	Facility Total Sq Ft.	Site (Acres)	Full-Size Classrooms*		Core Facilities			Special Purpose Rooms/ Offices		Other Rooms**	Total Portables	Total Rooms	Target Capacity
				Total	Average Size (sq ft)	Gym/ Multi-Purpose (sq ft)	Cafeteria	Media Center	Total	Average Size (sq ft)				
Charles Barnum	1965	43,513	16.02	23	835	3,094		835	5	230		2	30	428
Catherine Kolnaski	2007	61,642	124.00	24	825	2,992	4,049	1,960	11	270	1		39	469
Claude Chester	1952	43,581	11.57	26	840	3,254		1,200	2	200	1		31	469
Mary Morrisson	1963	42,240	36.70	24	850	3,220			2	250		2	29	489
Northeast Academy	2007	55,278	21.10	21	820	2,992	3,761	1,960	14	180	1		39	408
Pleasant Valley	1955	33,728	16.74	21	850	3,540		1,628	5	110		5	28	367
S.B. Butler	1952	37,850	9.33	24	835	2,588	2,050	1,245	4	45	1	4	30	428
TOTAL:				163									226	

**Includes portables, and art and music rooms*

*** Other special purpose rooms that are larger than average full-size classroom*

Elementary Comparison

Annual Utility Expenses (11-12)			
<u>School</u>	Electricity	Fuel Oil	TOTAL
Charles Barnum	\$38,129	\$17,403	\$55,532
Catherine Kolnaski	\$94,383	\$29,265	\$123,648
Claude Chester	\$37,258	\$33,586	\$70,844
Mary Morrisson	\$42,154	\$17,640	\$59,794
Northeast Academy	\$85,233	\$25,560	\$110,793
Pleasant Valley	\$45,336	\$23,354	\$68,690
S.B. Butler	\$35,512	\$33,401	\$68,913
TOTAL:	\$378,005	\$180,208	\$558,213

Identified Elementary Facilities Capital Improvement Needs (as of 2013)			
<u>School</u>	High Priority	Related Costs	TOTAL
Charles Barnum	\$5,346,000	\$1,336,000	\$6,682,000
Catherine Kolnaski	\$110,000	\$27,500	\$137,500
Claude Chester	\$7,600,000	\$1,900,000	\$9,500,000
Mary Morrisson	\$5,419,000	\$1,355,000	\$6,774,000
Northeast Academy	\$99,000	\$25,000	\$124,000
Pleasant Valley	\$5,739,700	\$1,407,900	\$7,147,600
S.B. Butler	\$8,390,500	\$2,097,500	\$10,488,000
TOTAL:	\$32,704,200	\$8,148,900	\$40,853,100



Middle Schools



Groton Public Schools

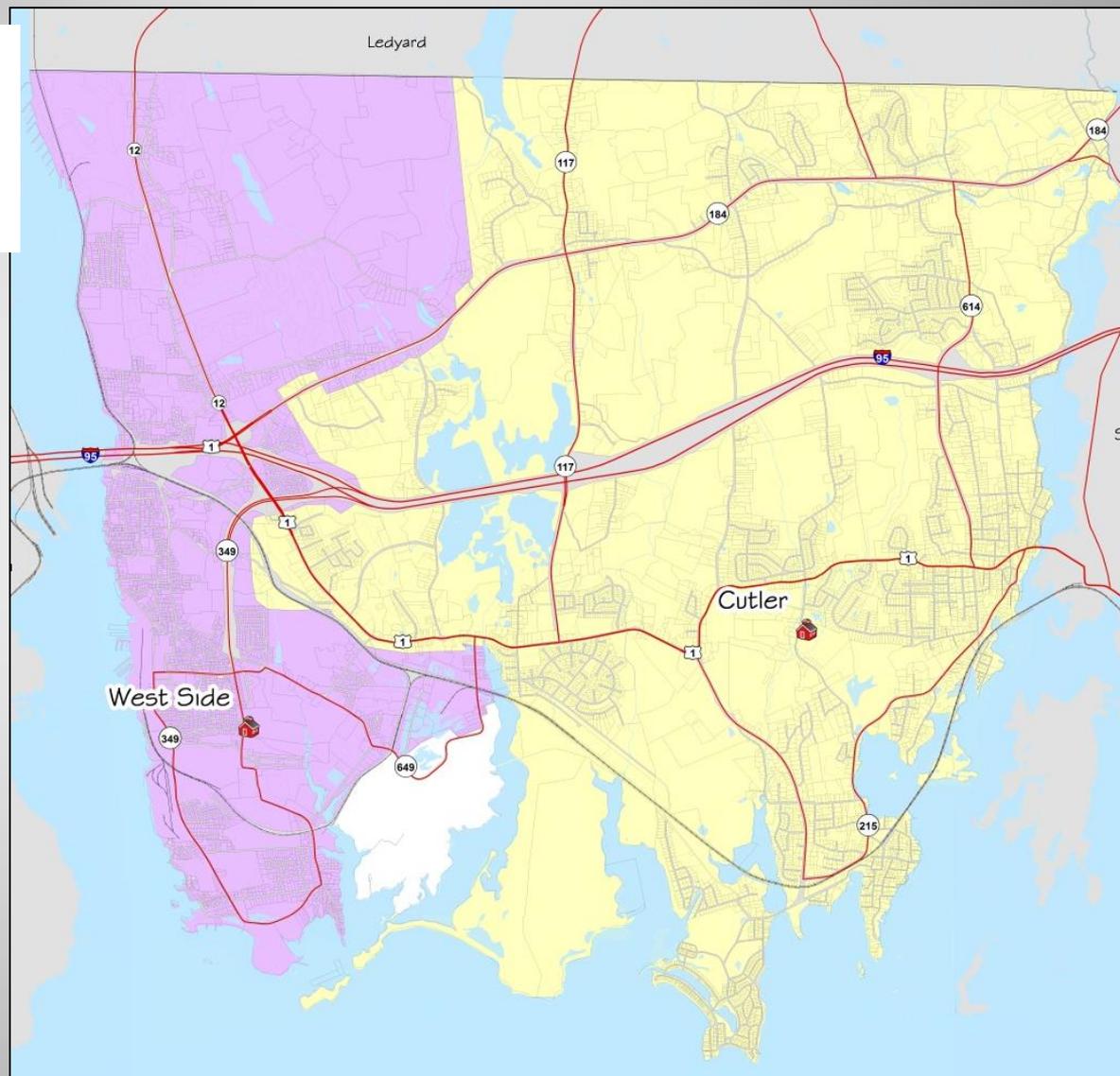
Redistricting Plan

Current Middle
Schools and
Redistricted Boundaries

Middle Boundaries

 Cutler

 West Side





Cutler

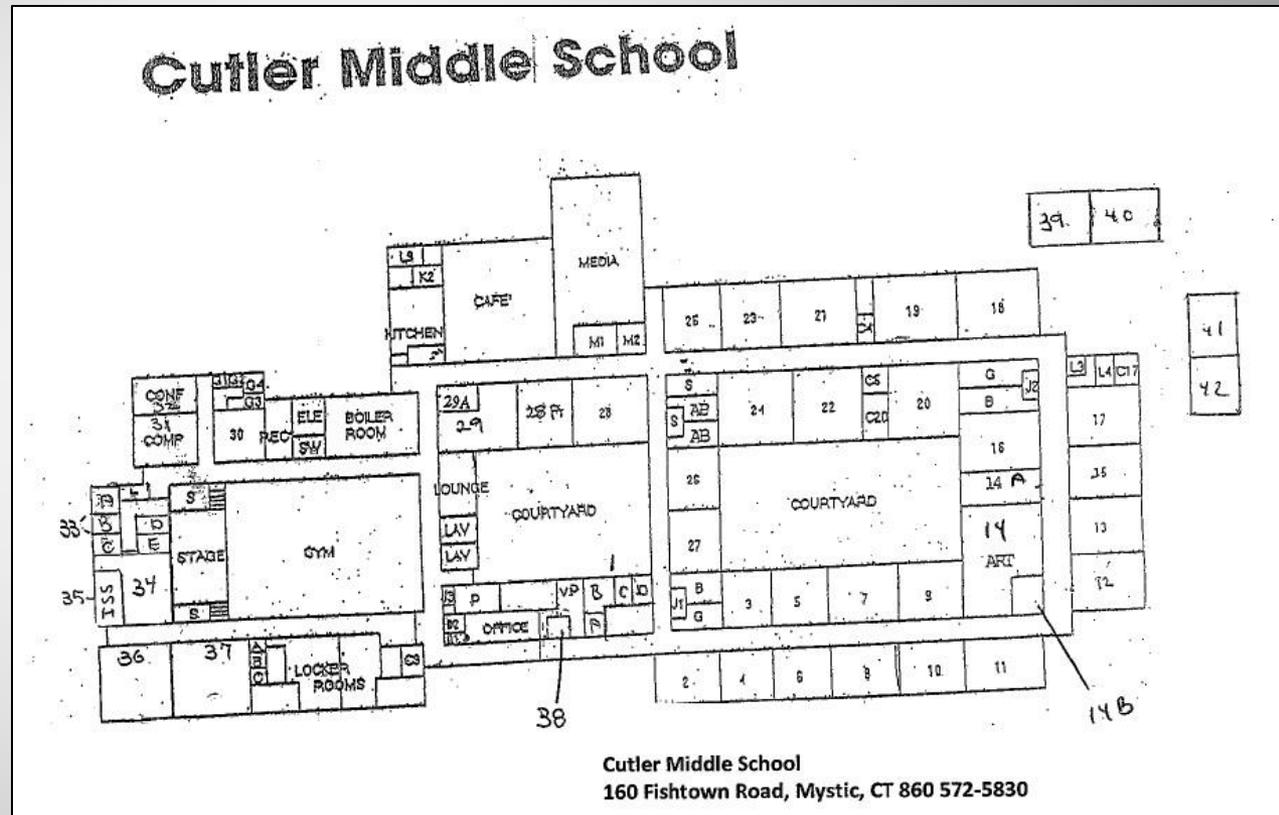
- Built in 1960
- 73,671 square feet
- 40.52 acres





Cutler

- 49 Total Rooms – 28 Full-Size Classrooms
- Targeted Capacity – 510 Students
- October 2012 Enrollment: 462 Students





Cutler

Previous Updates/ Maintenance

- Roof replacement
- Boilers replaced
- Friable asbestos removed
- Data and wi-fi
- Telephones installed in all rooms



Cutler

High Priority Facility Needs

- Electrical distribution
- HVAC
- Non-friable asbestos removal
- Fire sprinklers
- Energy Efficient Windows
- Fire Alarm replacement
- Parking
- Structural
- Handicap accessibility
- Security
- Replace portables with permanent space

TOTAL: \$10,237,000
+ Related Costs: \$12,796,000



West Side Middle

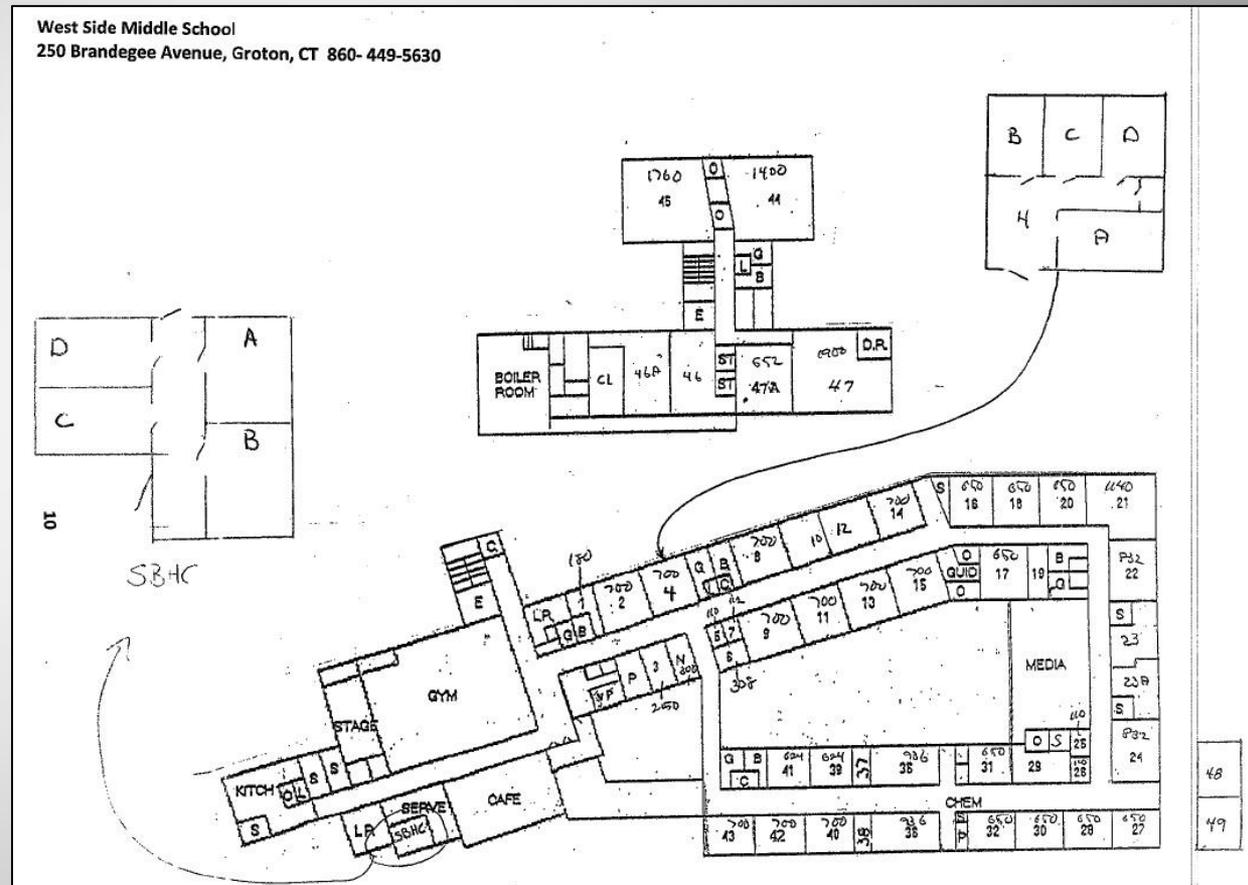
- Built in 1956
- 76,000 square feet
- 40.56 acres





West Side Middle

- 48 Total Rooms – 35 Full-Size Classrooms
- Targeted Capacity – 510
- October 2012 Enrollment: 506 Students





West Side Middle

Previous Updates/ Maintenance

- Friable asbestos removed
- Data and wi-fi
- Telephones installed in all rooms
- Windows replaced
- Sports field
- Parking lot
- Fire Sprinklers
- Handicap access



West Side Middle

High Priority Facility Needs

- Replace heating system
- Electrical distribution
- HVAC
- Roofing
- Non-friable asbestos removal
- Fire alarm replacement
- Parking
- Replace boilers
- Security
- Replace temporary classrooms
- Encapsulate dirt crawl space

TOTAL: \$12,117,000

+ Related Costs: \$15,146,000



Middle Comparison

Middle School Facilities Comparison														
School	Year Built	Facility Total Sq Ft.	Site (Acres)	Full-Size Classrooms*		Core Facilities				Special Purpose Rooms/ Offices		Other Rooms**	Total Portables	Total Rooms
				Total	Average Size (sq ft)	Gym (sq ft)	Cafeteria	Media Center	Auditorium	Total	Average Size (sq ft)			
Cutler	1960	73,671	40.52	28	775	5,518	2,160	3,102		8	145	10	4	49
West Side	1956	76,000	40.56	35	715	5,465	2,390	3,800		7	190	3	2	48
TOTAL:				63										97
<i>*Includes portables</i>														
<i>** Includes large special purpose rooms such as art, band and/or science labs</i>														



Middle Comparison

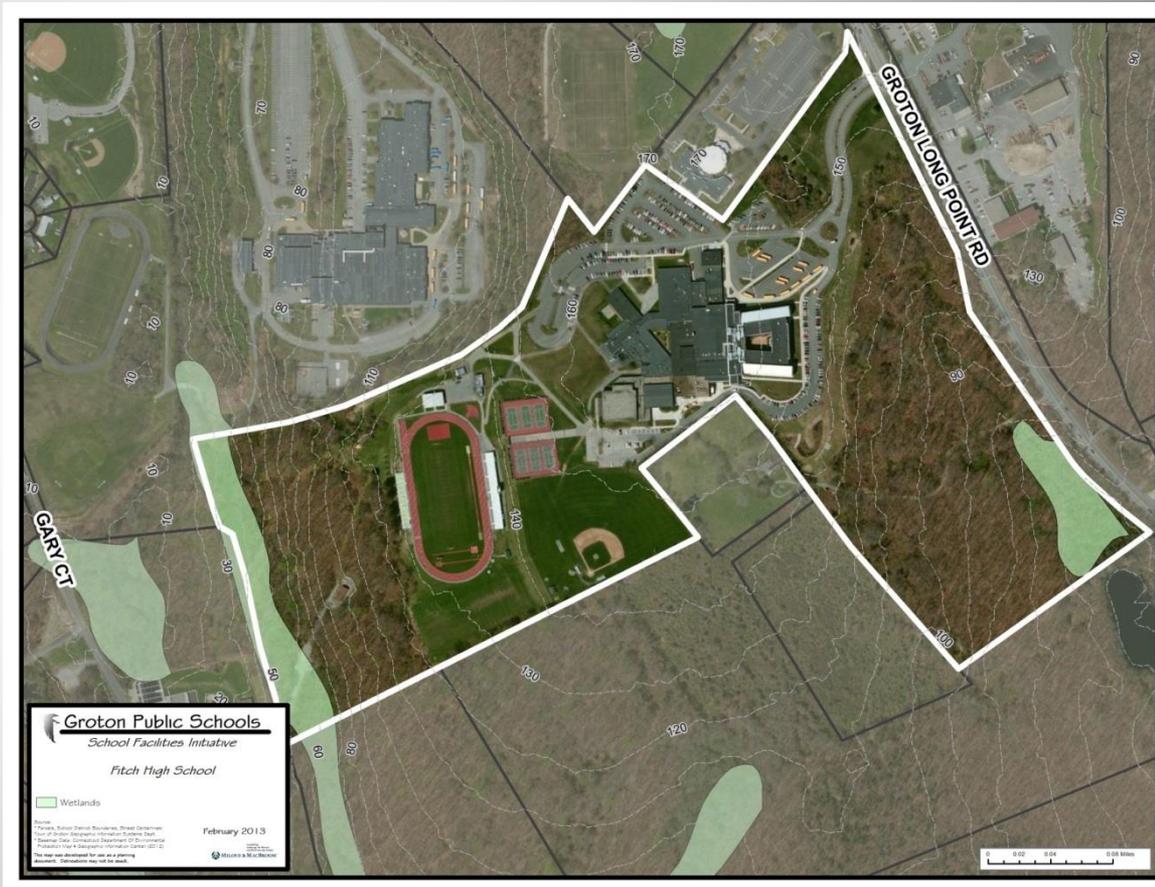
Annual Utility Expenses (11-12)			
School	Electricity	Fuel Oil	TOTAL
Cutler	\$47,470	\$46,838	\$94,308
West Side	\$62,426	\$44,151	\$106,577
TOTAL:	\$109,896	\$90,989	\$200,885

Identified Middle School Facilities Capital Improvement Needs (as of 2013)			
Middle	High Priority	Related Costs	TOTAL
Cutler	\$10,237,000	\$2,559,000	\$12,796,000
West Side	\$12,117,000	\$3,029,000	\$15,146,000
TOTAL:	\$22,354,000	\$5,588,000	\$27,942,000



Fitch High School

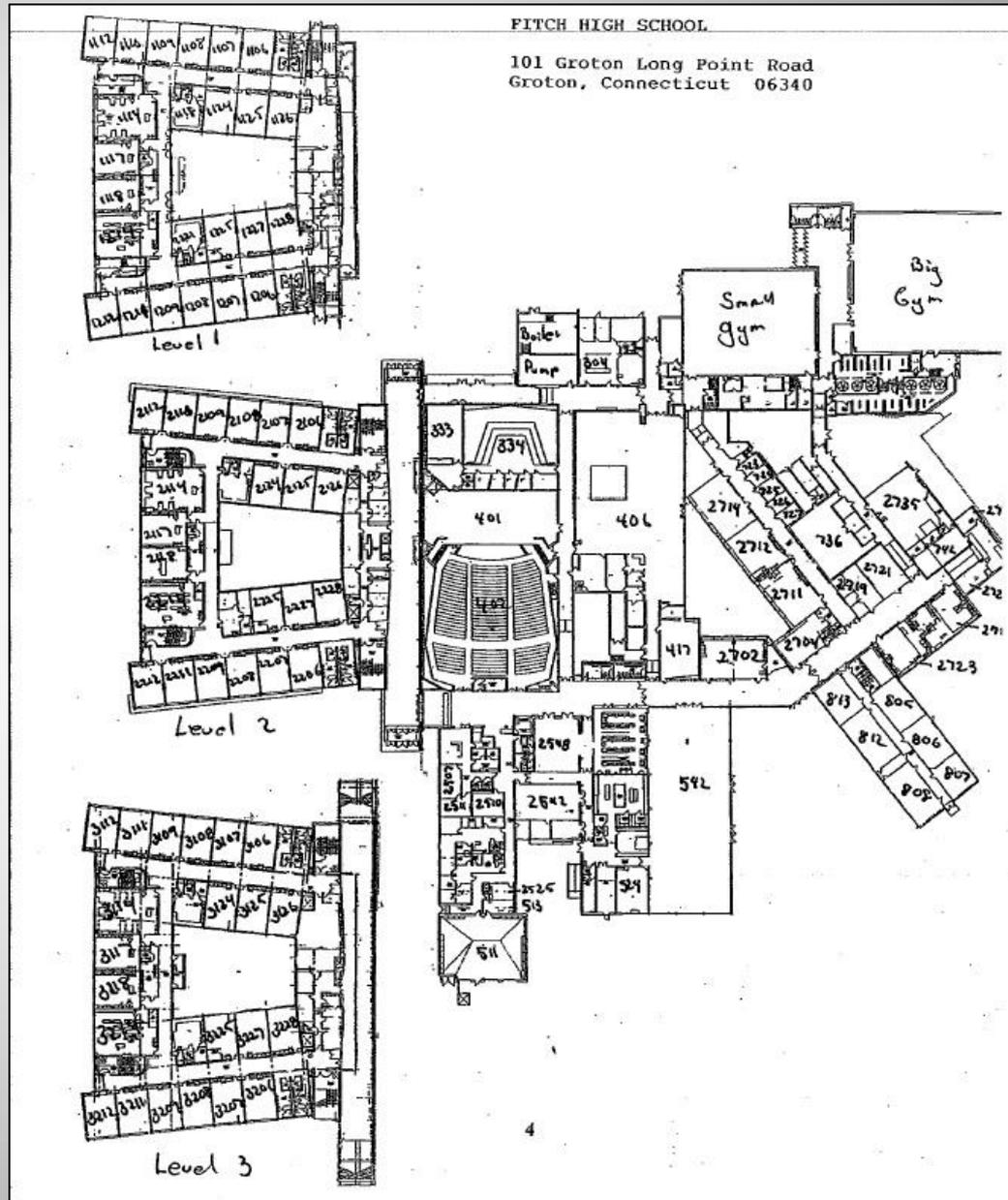
- Built in 1955
Originally,
Addition in
2007
- 293,324
square feet
- 74.49 acres





Fitch High School

- 97 Total Rooms
- October 2012 Enrollment: 1,211 Students





Fitch High School

Previous Updates/ Maintenance

- Expanded and partially renovated 2008
- Friable asbestos removed
- Data and wi-fi
- Telephones installed in all rooms
- Partial window replacement
- Sports field improvement
- Parking lot
- Partial fire sprinklers
- Partial handicap access



Fitch High School

High Priority Facility Needs

- Energy Efficient windows old section
- Rescue windows old section
- Fire sprinklers old section
- Handicap accessibility old section
- HVAC old section
- Security
- Non-friable asbestos removal old section

TOTAL: \$4,665,000
+ Related Costs: \$5,831,000



Fitch High School

Annual Utility Expenses (11-12)			
School	Electricity	Fuel Oil	TOTAL
Fitch High	\$348,513	\$144,430	\$492,943



Questions?



Next Steps

- Discussion on Educational Programming
- Discussion on Public Survey
- Criteria Development and Discussion of Alternatives
- Alternative Scenario Development and Benchmarking Survey