



**Southwick-Tolland-Granville  
Regional School District**

**PK-12 School Facilities Best Educational Use Study  
SUMMARY**

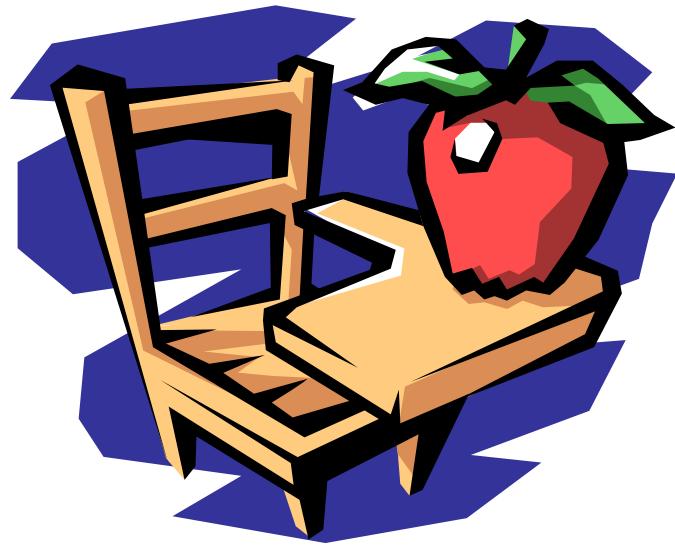
**December, 2016**

# **NESDEC PROJECT TEAM**

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# INTRODUCTION



# INTRODUCTION

NESDEC entered into an agreement with the Southwick-Tolland-Granville Regional School District to conduct PK-12 School Facilities Best Educational Use Study. The goal of the project is to provide a basis for decision-making regarding possible grade level configurations and possible alternative uses of the school facilities in order to support the educational program and make optimal use of school space.

Good long-range planning requires a specific mindset, temporarily casting aside more immediate concerns in order to think long-range. However, aspects of this report can be useful in making near-term decisions in two respects: 1) providing a better understanding of the long-term future of each building, thereby suggesting the assignment of grade levels to buildings in a manner that is consistent with the District's long-term plan; and 2) as a guide to budget planning, so funds can be earmarked for purposes that are consistent with intended long-range use of each facility.

# **INTRODUCTION** *(Cont.)*

## **SCOPE**

### **Demographic and Enrollment Trend Analysis**

The NESDEC Team analyzed District and municipal records, U.S. Census Data, and data provided by Town Officials, as well as residential housing data provided by HUD, the Warren Group and local and regional real estate organizations.

### **Instructional Program Review and Facility Best Use Analysis**

The study also included an analysis of present and planned school programs and the facilities needed to provide these programs. Members of the NESDEC Study Team visited the Southwick-Tolland-Granville Regional district schools while in session and met with persons in the schools. School documents, including goals and curriculum and program information, were studied.

Although the study did not include a capital asset assessment, the NESDEC Team did review pertinent facility maintenance and capital improvement needs information that was provided by the District.

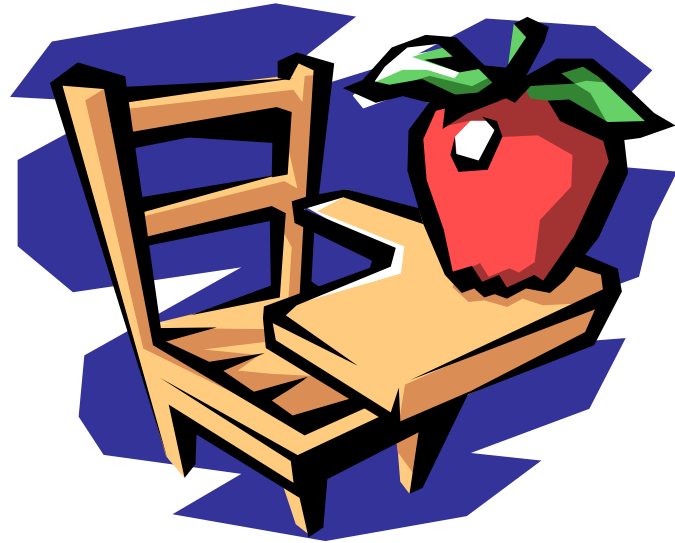
# INTRODUCTION *(Cont.)*

## OPTIONS

Using information gained from its analysis of demographic and enrollment trends coupled with its instructional programming/facility capacity analysis, NESDEC has developed options for the District to review as it moves forward in the development of a Long-Range Facility Plan.

***The alternatives that the NESDEC Team is presenting include a bulleted outline description of each option as well as a listing of advantages and challenges. The options are designed to serve as a catalyst for further analysis and discussion. Thus, this document should be considered not as an end-product, but rather as a beginning point for future planning.***

# DEMOGRAPHIC ANALYSIS



## DEMOGRAPHIC ANALYSIS – Cont.

### Southwick-Tolland- Granville Residential Construction HUD Data

HUD permit data indicates that between 2000 and 2006, the combined Southwick, Tolland and Granville single-family permits averaged a **total of 55 per year**. From 2007– 2015, the combined number of annual permits averaged 18 per year. **In 2015, a total of 17 single-family permits were issued among the three STG District towns.**

## DEMOGRAPHIC ANALYSIS – Cont.

*Information gained from Southwick, Tolland and Granville town officials indicates that within the three towns, there are no major single family sub-divisions, condominium or apartment projects under construction or in the planning process.\**

*\*In Southwick, a condo complex is reported to be nearing completion with 5 more units remaining to be constructed.*

# DEMOGRAPHIC ANALYSIS – Cont.

## Warren Group Data

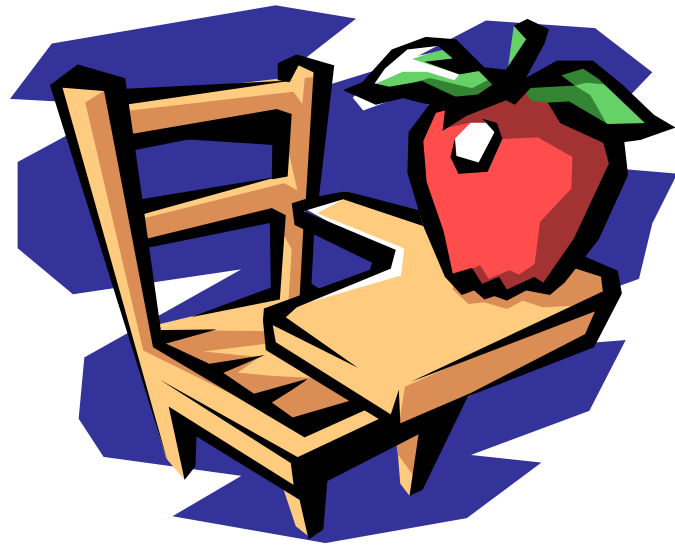
### Existing Home Sales

Existing home sales among Southwick, Tolland and Granville have increased vs. the time of the housing downturn. During the past four years single family sales have averaged 119 per year. However, this is below the average that the towns experienced during the housing boom, when single-family home sales averaged 150 per year.

# Realtors

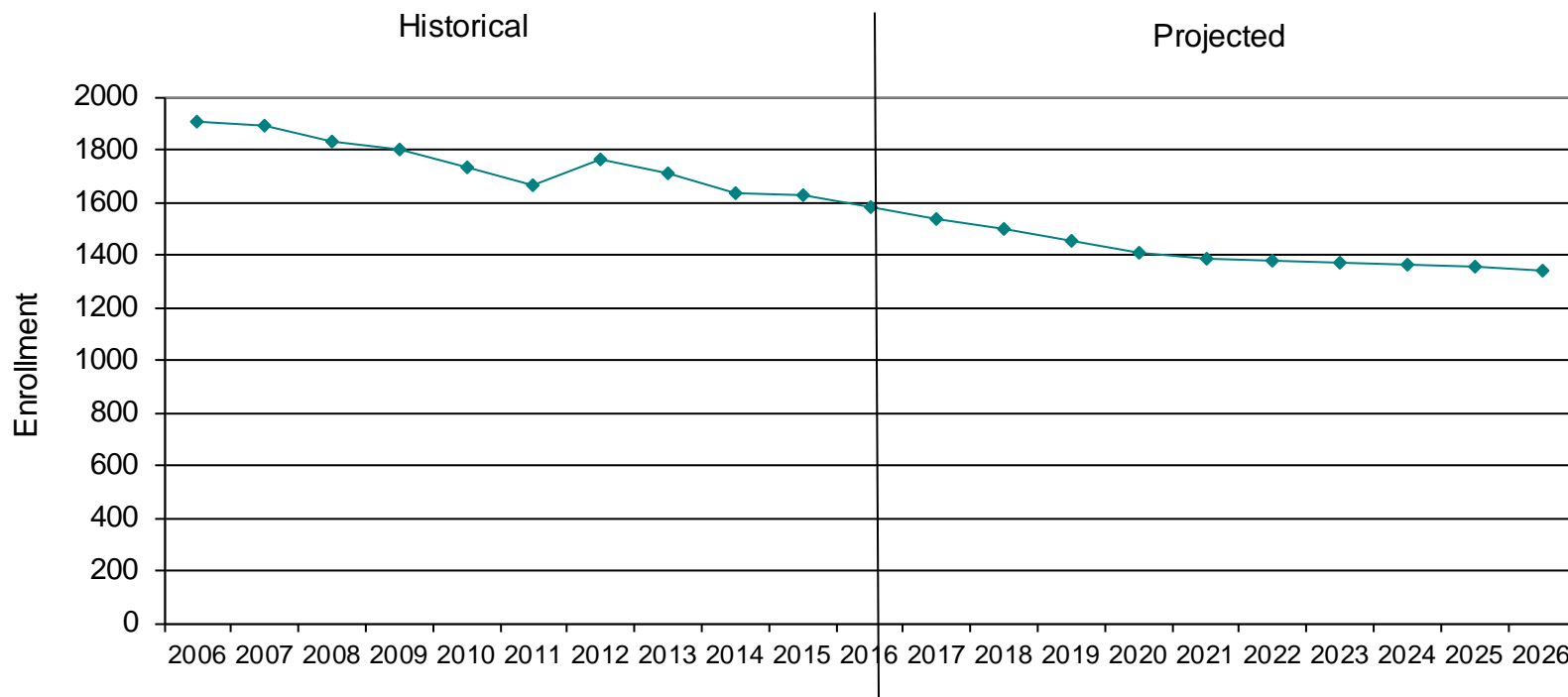
- Local realtors report that in the Southwick, Tolland, and Granville area, there has been an increase in sales activity during the past several months, as compared to two or three years ago.
- The realtors report that sales activity has occurred mainly at the lower end of the market and inventory at this price level is very limited.
- Those interviewed noted that “reasonably priced” homes at the lower end of the market are often selling rather quickly.
- Local realtors also note that **some** of the “Baby Boomers,” who make up a significant segment of the population in the communities are indicating a desire to downsize and “simplify.” However, many are waiting until sale prices equal or exceed the original purchase price. This information is consistent with the national and regional data and trends that we have referenced above.

# ENROLLMENT PROJECTIONS



# Southwick-Tolland-Granville, MA Historical & Projected Enrollment

**PK-12, 2006-2026**



# Southwick-Tolland-Granville RSD, MA Historical Enrollment

School District: Southwick-Tolland-Granville RSD, MA

11/7/2016

Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2001	90	2006-07	28	120	141	124	162	136	148	145	143	140	154	161	139	163	0	1876	1904
2002	88	2007-08	39	119	138	128	129	158	138	150	144	148	140	150	173	134	0	1849	1888
2003	87	2008-09	40	99	122	120	141	128	168	137	144	147	146	137	155	145	0	1789	1829
2004	95	2009-10	35	111	107	127	124	140	141	157	138	145	147	145	138	141	1	1762	1797
2005	97	2010-11	35	105	112	106	126	122	138	133	156	145	126	142	147	135	3	1696	1731
2006	75	2011-12	41	84	109	102	113	124	125	133	133	159	130	128	140	141	2	1623	1664
2007	95	2012-13	53	117	100	115	124	122	139	143	156	148	161	129	123	127	4	1708	1761
2008	86	2013-14	51	102	114	103	116	124	122	139	141	153	132	165	126	118	3	1658	1709
2009	95	2014-15	48	102	103	112	105	118	120	118	137	134	131	123	156	126	3	1588	1636
2010	87	2015-16	51	108	103	104	116	104	113	129	116	138	127	128	126	160	2	1574	1625
2011	81	2016-17	63	92	113	108	112	116	111	114	100	124	140	131	130	126	0	1517	1580

Historical Enrollment in Grade Combinations									
Year	PK-2	3-6	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2006-07	413	591	976	1259	576	428	283	900	617
2007-08	424	575	960	1252	580	442	292	889	597
2008-09	381	574	915	1206	596	428	291	874	583
2009-10	380	562	907	1190	581	440	283	854	571
2010-11	358	519	842	1143	572	434	301	851	550
2011-12	336	495	790	1082	550	425	292	831	539
2012-13	385	528	860	1164	586	447	304	844	540
2013-14	370	501	820	1114	555	433	294	835	541
2014-15	365	461	778	1049	509	389	271	807	536
2015-16	366	462	777	1031	496	383	254	795	541
2016-17	376	453	766	990	449	338	224	751	527

Historical Percentage Changes			
Year	K-12	Diff.	%
2006-07	1876	0	0.0%
2007-08	1849	-27	-1.4%
2008-09	1789	-60	-3.2%
2009-10	1762	-27	-1.5%
2010-11	1696	-66	-3.7%
2011-12	1623	-73	-4.3%
2012-13	1708	85	5.2%
2013-14	1658	-50	-2.9%
2014-15	1588	-70	-4.2%
2015-16	1574	-14	-0.9%
2016-17	1517	-57	-3.6%
Change	-359		-19.1%

# Southwick-Tolland-Granville RSD, MA Projected Enrollment

School District: Southwick-Tolland-Granville RSD, MA

11/7/2016

Enrollment Projections By Grade*																				
Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2011	81		2016-17	63	92	113	108	112	116	111	114	100	124	140	131	130	126	0	1517	1580
2012	77		2017-18	63	89	94	115	113	112	116	113	106	101	116	138	130	131	0	1474	1537
2013	83		2018-19	63	95	91	95	120	113	112	118	105	107	94	114	137	131	0	1432	1495
2014	83		2019-20	63	95	97	92	99	120	113	114	110	106	100	93	113	138	0	1390	1453
2015	86	(prov.)	2020-21	63	99	97	98	96	99	120	115	106	111	99	99	93	114	0	1346	1409
2016	82	(est.)	2021-22	63	94	101	98	102	96	99	122	107	107	104	98	99	94	0	1321	1384
2017	82	(est.)	2022-23	63	95	96	102	102	102	96	101	113	108	100	102	98	100	0	1315	1378
2018	83	(est.)	2023-24	63	96	97	97	106	102	102	98	94	114	101	99	102	99	0	1307	1370
2019	83	(est.)	2024-25	63	96	98	98	101	106	102	104	91	95	107	99	99	103	0	1299	1362
2020	83	(est.)	2025-26	63	96	98	99	102	101	106	104	97	92	89	105	99	100	0	1288	1351
2021	83	(est.)	2026-27	63	95	98	99	103	102	101	108	97	98	86	88	104	100	0	1279	1342

\*Projections should be updated on an annual basis in order to reflect changes in births, real estate sales, in-/out-migration of families and housing construction.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	PK-2	3-6	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2016-17	376	453	766	990	449	338	224	751	527
2017-18	361	454	752	959	436	320	207	722	515
2018-19	344	463	744	956	442	330	212	688	476
2019-20	347	446	730	946	443	330	216	660	444
2020-21	357	430	724	941	452	332	217	622	405
2021-22	356	419	712	926	435	336	214	609	395
2022-23	356	401	694	915	418	322	221	621	400
2023-24	353	408	698	906	408	306	208	609	401
2024-25	355	413	705	891	392	290	186	594	408
2025-26	356	413	706	895	399	293	189	582	393
2026-27	355	414	706	901	404	303	195	573	378

Projected Percentage Changes			
Year	K-12	Diff.	%
2016-17	1517	0	0.0%
2017-18	1474	-43	-2.8%
2018-19	1432	-42	-2.8%
2019-20	1390	-42	-2.9%
2020-21	1346	-44	-3.2%
2021-22	1321	-25	-1.9%
2022-23	1315	-6	-0.5%
2023-24	1307	-8	-0.6%
2024-25	1299	-8	-0.6%
2025-26	1288	-11	-0.8%
2026-27	1279	-9	-0.7%
Change		-238	-15.7%

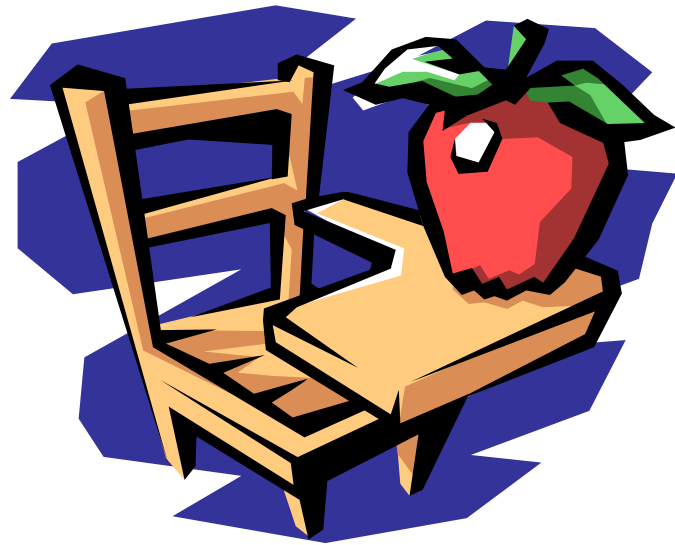
# A Quick Demographic Look at the Communities

In addition to knowing that the District is forecasted to decline by an average of 28 K-12 students each year, some demographic information about the communities may be helpful.

Granville was averaging 13.8 births per year in 2000-2004; in the most recent five years (2010-2015) this average has declined to 10.2, a loss of 3.6. Southwick, for the similar time periods, was experiencing 91.6 births, now down to 68.4 births, a loss of 23.2 births per year. Tolland was experiencing 3.8 births but is now down to 2.6 births per year, a decline of 1.2. Thus as a District there formerly were 109.2 births (in the three towns) which has now declined to 81.2, a loss of 28 children per year.

In 2016-2017, the District has 163 students “Choiced In” from other communities. Of these, 69 reside in Westfield, 52 in Springfield, 15 in Agawam, and 27 in a mix of ten other towns. Westfield has about 5500 students and is declining by about 73 per year; Springfield has fluctuating/ flat enrollment of about 25,000; and Agawam has about 3,900 in K-12, declining about 52 per year.

# CAPACITY ANALYSIS



# DEFINING “CAPACITY”

Architects depend heavily on square footage;  
NESDEC also counts rooms...using the perspective of a  
school principal who is creating a schedule for the building

- **Current Operating Capacity (C.O.C.)**  
Class size (PK = 15; K = 20; Grade 1 = 22; Grades 2-12 = 25)
  - Current building use including deficiencies and portable classrooms
- **Planned Operating Capacity (P.O.C.) for a 21<sup>st</sup> Century Educational Program**
  - For future planning/construction purposes
  - Corrects deficiencies; keeps current programs
  - Provides appropriate core and specialized facilities
  - Parity/equity among all buildings
  - Eliminates temporary facilities (e.g., portables)
  - Meets current code requirements

# GRANVILLE VILLAGE SCHOOL



## FACILITY PROFILE: GRANVILLE VILLAGE SCHOOL

Grades	K-6
Site Acreage	4.88 acres
Built	1933
Addition/Renovation	1990, 2014 facade/windows
Square Footage	29,700
# Interchangeable Classrooms	8 (includes 2 rooms used for K)
# PK/K Classrooms	1K (two rooms in use for 1 class)
Oct. 1, 2016 Enrollment	82

# CURRENT AND PLANNED OPERATING CAPACITY: GRANVILLE VILLAGE SCHOOL

Current Operating Capacity ( <b>COC</b> )	Planned Operating Capacity ( <b>POC</b> )
1 K classroom x 20 = 20 1 Gr. 1 classroom x 22 = 22 5 Gr. 2-6 classrooms at 25 = 125	1 K classroom x 20 = 20 1 Gr. 1 classroom x 22 = 22 5 Gr. 2-6 classrooms at 25 = 125
COC = 167	POC Range = 167 - 211

\* At Granville Village School, at least 5 full-sized classroom spaces are utilized to accommodate small group instruction program components or office spaces, *which generally service no more than 5-8 students at a time*. If some of these full-sized spaces or offices were reconfigured to accommodate more than one small group or service, then additional full-sized spaces would become available for grade level instruction. NESDEC estimates that, if the reconfiguration were to occur, Planned Operating Capacity (**POC**) would increase to approximately 211 students.

# GRANVILLE VILLAGE SCHOOL

## Instructional Spaces:

- 8 Interchangeable Classrooms, including 2 in use for 1 K class
- 1 Art Room with sinks and adequate storage, full sized classroom
- 1 Music Room – adequate storage, full sized classroom
- 1 Science Room – used by individual teachers when needed for class instruction, full-sized classroom
- 1 Health Room – can be used for instruction, currently open, full-sized classroom
- 1 Large room – not in use for instruction, used by afterschool program or Title 1 when appropriate, full-sized classroom

## Core Facilities:

- 1 Gymnasium with locker rooms – added in 1990, padding on walls, also used for assemblies, portable bleachers and staging available. Staging is not handicapped-accessible. Can accommodate approximately 100, adequate storage
- No Auditorium
- 1 Cafeteria – full kitchen – meals prepared on site, tables and chairs stored in cafeteria, adequate storage for kitchen, dividing wall between cafeteria and gymnasium
- Library/Media Center – can accommodate up to two classes at a time, includes technology area with 24 computers. Handicapped ramp for accessibility between levels

# GRANVILLE VILLAGE SCHOOL (CONT.)

## Administrative Space:

- 1 Principal's office with small conference table
- 1 Admin/Secretarial area – 1 workstation
- 1 Conference room – ½ sized classroom
- 1 Nurse's office – no reception area or exam room, restroom not HP accessible with grab bar, 1 day bed, standing curtain divider used for privacy
- 1 Teacher/Staff Room – with restroom
- 1 Staff Workspace – copy room

## Support Staff:

- 1 Adjustment Counselor office
- 1 classroom space used for counselor led instruction, full-sized
- 1 classroom space used for Lunch Bunch/Second Step program, full-sized
- 2 Special Education Resource rooms, full-sized classrooms
- 1 Psychologist – shared district position, uses conference room when needed
- 1 OT-PT – shared district position, designated space in full-sized classroom
- 1 Speech – shared district position, designated space in 1/2 sized classroom
- ELA, Math, and Title 1 support provided in classrooms

# GRANVILLE VILLAGE SCHOOL (CONT.)

## Instructional/Administrative Technology:

- 1-2 computers per classroom, no carts
- 9 Smart Boards in classrooms, some not working
- Wi-Fi access throughout the building, increased capacity needed to accommodate technology demands
- Special Ed plans, health records, grading, attendance computerized/Rediker

## ADA/Handicapped Access:

- Curb cuts and handicapped parking spaces are available
- 1 handicapped-accessible restroom in the building
- The building does not have an elevator or lifts – one floor, ramp in the building for access to library and from “lower” to “upper” levels
- Most doors have levered door handles and “closed fist” crash bars

# GRANVILLE VILLAGE SCHOOL (CONT.)

## Major Systems and Maintenance:

- Some plumbing fixtures are in need of replacement, some faucets leak
- Heating and ventilation system is reported as satisfactory
- Electrical system is reported as satisfactory – would need upgrade to accommodate expanded technology use
- Some windows are in need of improvement; original windows in front and side of building
- Doors are reported as satisfactory
- Some roof leaks reported in Gym, Library, and conference room areas
- The flooring is reported as needing improvement in some areas, tiles

## Site Information:

- Parking – Size reported as satisfactory but condition of asphalt surfaces reported as unsatisfactory
- Event parking – reported as satisfactory
- Field and play space reported as satisfactory
- During pick-up and drop-off, proximity to traffic reported as satisfactory

## Storage:

- Storage for instructional, custodial, administrative, and kitchen supplies is reported to be adequate

# WOODLAND SCHOOL



## FACILITY PROFILE: WOODLAND SCHOOL

Grades	PreK-2
Site Acreage	6 acres
Built	1957
Addition/Renovation	1965,1990,2014-2015
Square Footage	67,709
# Interchangeable Classrooms	18 (3-PK, 5-K, 5-Gr. 1, 5-Gr. 2)
# PK/K Classrooms	3-PK/5-K
Oct. 1, 2015 Enrollment	347

# CURRENT AND PLANNED OPERATING CAPACITY

## SCHOOL: WOODLAND SCHOOL

Current Operating Capacity ( <b>COC</b> )	Planned Operating Capacity ( <b>POC</b> )
3 PK classrooms x 15 = 45	3 PK classroom x 15 = 45
5 Gr. K classrooms x 20 =100	5 Gr. K classrooms x 20 =100
5 Gr. 1 classrooms x 22 =110	5 Gr. 1 classrooms x 22 =110
5 Gr. 2 classrooms x 25 =125	5 Gr. 2 classrooms x 25 =125
COC = 380	<b>POC = 380 - 424</b>

\* At Woodland School, at least 4 full-sized classroom spaces are utilized to accommodate small group instruction program components or office spaces, *which generally service no more than 5-8 students at a time*. If some of these full-sized spaces or offices were reconfigured to accommodate more than one small group or service, then additional full-sized spaces would become available for grade level instruction. NESDEC estimates that, if the reconfiguration were to occur, Planned Operating Capacity (**POC**) would increase to approximately 424 students.

# WOODLAND SCHOOL

## **Instructional Spaces:**

- 18 Interchangeable classrooms, including 3 Pre-K and 5 K
- 1 Art Room – with dual sinks and adequate storage, full-sized classroom
- 1 Music Room – adequate storage, risers and restroom, full-sized classroom
- 1 Enrichment Room – full sized classroom
- 1 Computer Lab – full sized classroom

## **Core Facilities:**

- 1 Gymnasium with curtained divider – can accommodate two classes, no bleachers, also used for assemblies, portable staging used for events, padding for rock climbing wall
- No Auditorium
- 1 Cafeteria – full kitchen – meals prepared on site, 3 lunch waves, two serving lines,
- Library/Media Center – can accommodate up to two classes at a time, includes area for 26 computers, adequate storage

## **WOODLAND SCHOOL (CONT.)**

### **Administrative Space:**

- 1 Principal's office, 1 Assistant Principal office, small conference table
- 1 Admin/Secretarial area – 3 workstations
- 1 Conference room – full-sized classroom
- 1 Nurse's office – reception area, exam room, 3 daybeds, HP restroom, concrete divider used for privacy, sink was replaced
- 1 Teacher/Staff room
- 1 Staff Workspace
- 1 small sized conference room
- 1 Faculty Meeting room – full-sized classroom
- 1 District Technology Office – full-sized classroom

# WOODLAND SCHOOL (CONT.)

## Support Staff Space:

- 1 Adjustment Counselor office
- 1 Psychologist – shared district position, designated small space
- 1 OT-PT – shared district position, designated, adequate storage and restroom, **2 full-sized classroom spaces**
- 1 Speech – shared district position, designated space, with storage, full-sized classroom space
- 1 (.5) ELL and (.5) METCO **full-sized classroom space**
- 1 District Instructional coaches space – 2 coaches, **full-sized classroom space**
- 4 Gr. K-2 Special Education Resource rooms – **full-sized classroom spaces**
- 2 PK Special Education Resource Rooms – Autism and Vision Support , **full-sized classroom spaces**
- 1 Reading Intervention small group instruction space – ½ sized classroom space
- 1 Title 1 small group instruction space – ½ sized classroom space
- 1 small sized sensory room

## WOODLAND SCHOOL (CONT.)

### Instructional/Administrative Technology:

- 1-2 computers per classroom
- 13 LCD Projectors, all Grade 2 has interactive projectors
- Wi-Fi access throughout the building, upgrades needed to accommodate increased technology demands
- Special Education plans, health records, grading, attendance computerized/PowerSchool

### ADA/Handicapped Access:

- Curb cuts and handicapped parking spaces are available
- All handicapped-accessible restrooms in the building
- Route of travel in the building does not require stairs
- Doors are equipped with levered door handles and “closed fist” crash bars

# WOODLAND SCHOOL (CONT.)

## Major Systems & Maintenance:

- Plumbing was upgraded during renovation and is satisfactory
- Heating and ventilation system upgraded and reported as satisfactory
- Electrical system is reported as satisfactory, **may need upgrades as technology demands increase**
- Windows reported as satisfactory
- Doors are reported as satisfactory
- Roof reported as satisfactory
- Flooring upgraded and reported as satisfactory

## Site Information:

- Parking – reported as satisfactory
- Event parking – reported as satisfactory
- Field and play space reported as satisfactory
- During pick-up and drop-off, proximity to traffic reported as satisfactory

## Storage:

- Storage for instructional, custodial, administrative and kitchen supplies is reported to be adequate

# POWDER MILL SCHOOL



## FACILITY PROFILE: POWDER MILL SCHOOL

Grades	3-6
Site Acreage	Approximately 7 acres
Built	1953
Addition/Renovation	1990, 2014, 2015
Square Footage	95,775
# Interchangeable Classrooms	20
# PK/K Classrooms	0
Oct. 1, 2016 Enrollment	400

# CURRENT AND PLANNED OPERATING CAPACITY: POWDER MILL SCHOOL

Current Operating Capacity (COC)	Planned Operating Capacity (POC)
20 Interchangeable Classrooms x 25= 500	20 Interchangeable Classrooms x 25= 500
1 Self- contained Special Education Classroom x 12=12	1 Self- contained Special Education Classroom x 12=12
COC=512	<b>POC Range = 512-637</b>

\*At the Powder Mill School. at least 10-full sized classroom spaces are utilized to accommodate small group instruction program components, *which generally service no more than 5-8 students at a time*. If some of these full-sized spaces were reconfigured to accommodate more than one small group instruction program component, then additional full-sized spaces would become available for grade level instruction. NESDEC estimates that, if the reconfiguration were to occur, Planned Operating capacity (**POC**) would increase to approximately 637 students.

# POWDER MILL SCHOOL

## Instructional Spaces:

- 20 Interchangeable classrooms – Grades 3-6
- 1 Art room – with dual sinks and adequate storage, no kiln
- 1 Music Room – adequate storage
- 1 Enrichment tutorial space – **full-sized classroom**
- 1 Health room
- 1 Technology room – sign-out

## Core Facilities:

- 1 Gymnasium – with divider and 2 teaching stations, can accommodate two classes, bleachers, new flooring, locker rooms
- 1 Auditorium – used for music/band, seats 400, stage with HP access, adequate sound and lighting
- 1 Cafeteria – full kitchen, meals prepared on-site, 4 lunch waves, 2 serving lines, serves 120+ students
- Library/Media Center – can accommodate up to two classes at a time, includes computer lab with 27 computers – full-time Technology Assistant

# POWDER MILL SCHOOL (CONT.)

## Administrative Space:

- 1 Principal's office, 1 Assistant Principal office – adequate
- Admin/Secretarial area – 3 workstations
- 1 Conference room – adequate
- 1 Nurse's office – exam room, 2 daybeds, HP restroom
- 1 Teacher/Staff work room and lounge

## Support Staff:

- 1 Adjustment Counselor office and 1 Guidance office
- 1 Psychologist – shared position, designated space
- 1 OT-PT – shared position, designated space, adequate storage, large space
- 1 Speech – shared position, designated space, full-sized classroom with storage
- 1 ELL and Special Education Reading area – shared, viewed as adequate
- 4 Special Education Resource rooms – full-sized classrooms
- 2 Title 1 spaces – 1 Reading, 1 Math
- 1 Autism Behavioral Specialist space – full-sized classroom

## **POWDER MILL SCHOOL (CONT.)**

### **Instructional/Administrative Technology:**

- 2-3 computers per classroom, 3 sign-out carts are available
- Most classrooms have interactive projection devices
- Wi-Fi access throughout the building with the exception of Gym
- Electronic texts used as a part of Math and Geography instruction
- Special Ed plans, health records, grading, attendance computerized/Parent portal

### **ADA/Handicapped Access:**

- Curb cuts and handicapped parking spaces are available
- All handicapped-accessible restrooms in the building
- Route of travel in the building does not require stairs
- Doors are equipped with levered door handles and “closed fist” crash bars

# POWDER MILL SCHOOL (CONT.)

## Major Systems and Maintenance:

- Plumbing was upgraded during renovation and is satisfactory
- Heating and ventilation system upgraded and reported as satisfactory
- Electrical system is reported as satisfactory, may need upgrades as technology demands increase
- Windows reported as satisfactory
- Doors are reported as satisfactory
- Roof reported as satisfactory
- Flooring upgraded and reported as satisfactory

## Site Information:

- Parking – reported as satisfactory
- Event parking – reported as satisfactory
- Field and play space reported as satisfactory
- During pick-up and drop-off, proximity to traffic reported as satisfactory

## **POWDER MILL SCHOOL (CONT.)**

### **Storage:**

- Storage for instructional, custodial, administrative and kitchen supplies is reported to be adequate

### **Central Office Spaces:**

- Superintendent
- 5 Admins/Secretaries
- Business Manager
- Curriculum, Instruction, and Assessment
- Payroll
- Central Office Conference room

# SOUTHWICK REGIONAL SCHOOL



## FACILITY PROFILE: SOUTHWICK REGIONAL SCHOOL

Grades	7-12
Site Acreage	68 acres
Built	1971
Addition/Renovation	2015
Square Footage	165,475
# Interchangeable Classrooms	25 classrooms Grades 9-12 10 classrooms grades 7-8
Oct. 1, 2016 Enrollment	751

# SOUTHWICK REGIONAL SCHOOL

## CURRENT AND PLANNED OPERATING CAPACITY

Current Operating Capacity ( <b>COC</b> )	Planned Operating Capacity ( <b>POC</b> )
H.S.- 25 Interchangeable classrooms x 25 =625	H.S.- 25 Interchangeable classrooms x 25=625
H.S.- 5 Science Labs x 25=125	H.S.- 5 Science Labs x 25=125
H.S.- 2 Art Rooms x 25=50	H.S.- 2 Art Rooms x 25=50
H.S.- 1 Family consumer Science room x 25=25	H.S.- 1 Family consumer Science room x 25=25
H.S.- 3 Career/Tech Ed x 17=51	H.S.- 3 Career/Tech Ed x 17=51
M.S.- 10 Regular Interchangeable classrooms x 25=250	M.S.- 10 Regular Interchangeable classrooms x 25=250
M.S.- 3 Science Labs x 25=75	M.S.- 3 Science Labs x 25=75
M.S.- 1 Art Room x 25=25	M.S.- 1 Art Room x 25=25
3 Special Needs Self-contained rooms x 12 =36	3 Special Needs Self-contained rooms x 12 =36

## SOUTHWICK REGIONAL SCHOOL CURRENT AND PLANNED OPERATING CAPACITY

Current Operating Capacity ( <b>COC</b> )	Planned Operating Capacity ( <b>POC</b> )
Shared Classrooms	Shared Classrooms
H.S./ M.S.- 1 Robotics room x 17= 17	H.S./ M.S.- 1 Robotics room x 17= 17
H.S./ M.S.- 3 Music rooms x 25= 75	H.S./ M.S.- 3 Music rooms x 25= 75
H.S./ M.S- 1 Gymnasium and 1 Auxiliary Gym- 3 teaching stations x 25= 75	H.S./ M.S- 1 Gymnasium and 1 Auxiliary Gym- 3 teaching stations x 25= 75
COC=1446 x .75 utilization factor= 1,085	POC=1446 x .75 utilization factor = 1,085

# **SOUTHWICK REGIONAL SCHOOL**

## **Instructional Spaces:**

- 25 interchangeable classrooms 9-12
- 10 interchangeable classrooms 7-8
- 2 Art rooms 9-12 with dual sinks and adequate storage
- 1 Art room 7-8 with sinks and adequate storage
- 3 Music rooms 7-12, adequate storage
- 5 Science labs 9-12
- 3 Science labs 7-8
- 1 Drafting room 9-12
- 1 Wood Shop 9-12
- 1 Graphic Arts room 9-12
- 1 Robotics room 7-12
- 1 Family Consumer Science room 9-12

# **SOUTHWICK REGIONAL SCHOOL (CONT.)**

## **Core Facilities:**

- 1 Gymnasium with divider and 2 teaching stations, can accommodate two classes, bleachers, seats 700, locker rooms
- 1 Auxiliary Gym with 1 teaching station, no bleachers
- 1 Auditorium – seats 547, stage with HP access, new sound and lighting
- 1 Cafeteria – full kitchen, meals prepared on site, 3 lunch waves (2 high school, 1 middle school), 3 serving lines, serves 320 students
- Library/Media Center – can accommodate up to 130 students at a time, includes 2 computer labs

## **Administrative Space:**

- 1 Principal's office, 1 Assistant Principal's office H.S.; 1 Assistant Principal office M.S.; deemed adequate
- Admin/Secretarial area – 4 workstations
- 3 Conference rooms – adequate
- 1 Nurse's office – 7-12, 2 Nurses, 2 exam rooms, 4 daybeds, 2 HP restrooms, reception area, adequate privacy, emergency exit, adequate storage
- 3 teacher/staff workrooms and lounge

# **SOUTHWICK REGIONAL SCHOOL (CONT.)**

## **Support Staff:**

- 5 H.S./M.S. Adjustment Counselors
- 1 Psychologist-designated space
- 1 OT/PT – shared position, designated space, adequate storage
- 1 Speech-designated space
- 1 ELL instructional space
- 3 Special Education sub-separate rooms – full-sized classrooms
- 1 Intervention space
- 4 Pull-out resource rooms

## **Instructional/Administrative Technology:**

- 5 sign-out carts H.S., 3 sign-out carts M.S.
- All classrooms have interactive projection devices
- Wi-Fi access throughout the building
- Special Ed plans, health records, grading, attendance computerized; Parent portal

# SOUTHWICK REGIONAL SCHOOL (CONT.)

## ADA/Handicapped Access:

- Curb cuts and handicapped parking spaces are available
- All handicapped-accessible restrooms in the building
- Route of travel in the building does not require stairs
- Doors are equipped with levered door handles and “closed fist” crash bars

## Major Systems and Maintenance:

- Plumbing was upgraded during renovation and is satisfactory
- Heating and ventilation system upgraded and reported as satisfactory
- Electrical system is reported as satisfactory, **may need upgrades as technology demands increase**
- Windows reported as satisfactory
- Doors are reported as satisfactory
- Roof reported as satisfactory
- Flooring reported as satisfactory

## **SOUTHWICK REGIONAL SCHOOL (CONT.)**

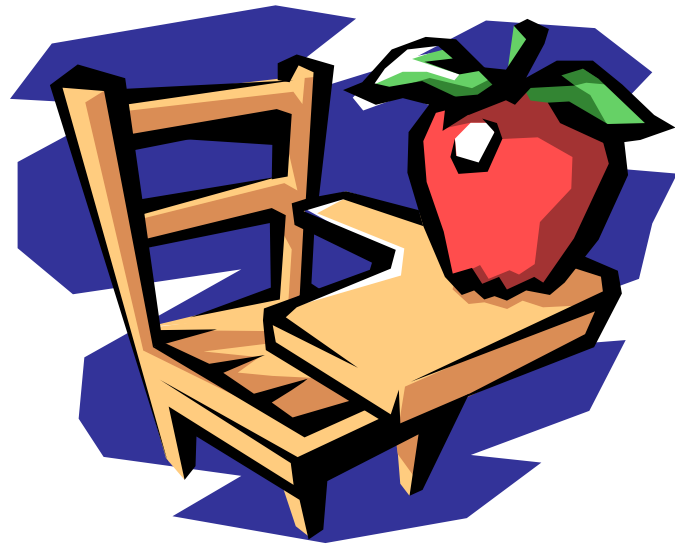
### **Site Information:**

- Parking reported as satisfactory
- Event parking reported as satisfactory
- Field and play space reported as satisfactory
- During pick-up and drop-off, proximity to traffic reported as satisfactory but challenging at dismissal

### **Storage:**

- Storage for instructional, custodial, administrative and kitchen supplies is reported to be adequate

# OPTIONS



**The major alternatives that the NESDEC Team is presenting include a bulleted outline description of each option as well as a listing of advantages and challenges.**

**The options are designed to serve as a catalyst for further analysis and discussion. Thus, this document should be considered not as an end product, but rather as a beginning point for future planning.**

# OPTION I

## Description

- Close the Granville Village School and reassign the building to another use
- **Grade Configuration:**
  - Grades PK-2 at the Woodland School
  - Grades 3-6 at the Powder Mill School
  - Grades 7-12 at the Southwick Regional School

# OPTION I

## Advantages

### Cost Reduction

- **Granville Village School Current Operating Cost**
  - 2016-17 Granville operating budget = \$977,580 (Excludes Central Office and Capital Costs)
  - This would be a recurring cost reduction which could be redirected to needed programming and capital expenditures (Example: Upgrade of technology capacity and expansion of equipment)
- **Granville Village School Estimated Capital Needs Costs (1-3 years)**
  - Cost Estimate - \$957,000
  - Includes:
    - Replacement of roof which is beyond its normal useful life: \$300,000
    - Replacement of windows which are not energy efficient and are difficult to operate: \$150,000

## OPTION I

### Advantages – Cont.

- Replacement of oil storage tank which is nearing the end of its useful life: \$200,000
- Replacement of asphalt driveway and parking lots, numerous potholes and patching is no longer an option: \$150,000
- Replacement or repair water well storage/distribution system: \$75,000
- Replacement of phone system: \$25,000
- Replacement of east wing door/window: \$20,000
- Several other minor capital upgrades: \$37,000
- **Granville Village School Estimated Technology Improvement Plan**
  - Cost - \$79,450 - \$116,750

## OPTION I

### **Advantages-Cont.**

- Promotes Per Pupil Cost Equity Among Elementary Grade Level Students
- Current elementary per pupil costs:
  - Granville Village School Grades K-6 per pupil cost = \$11,922 per pupil
  - Woodland School Grades PK-2 per pupil costs = \$5,875 per pupil
  - Powder Mill School Grades 3-6 per pupil costs = \$6,649 per pupil

# OPTION I

## Advantages

### **Instructional and Social**

- Promotes improved staff collaboration with all grade level teachers in the same building
- Expands opportunities for small group instruction activities
- Expands and facilitates opportunities for Granville students to participate in expanded Band, Chorus and extra-curricular activities
- Shortens travel time for Instructional Specialists and allows more time for providing instruction
- Expands opportunities for Granville students to make additional contacts with grade level students

# OPTION I

## Challenges

- Increased travel time for Granville Village School parents and students
- Loss of Granville Community School
- Increased transportation cost – Granville students to the Southwick campus
  - Incremental annual transportation costs are estimated at \$50,000. An additional vehicle would be needed at a one-time estimated cost of \$50,000.
- Increased class sizes at the Woodland and Powder Mill Schools
  - Based on NESDEC's analysis of projected enrollments, although class sizes in Grades K-6 would increase, ***in no instances would the transfer of students from Granville to the Southwick campus cause class sizes to equal or exceed District maximums.***

***Determining an alternative use for the Granville Village School***

# OPTION II

## Description

Status Quo – Maintain current school utilization and grade level configurations

- **Grade Configuration:**
  - Grades PK-2 at the Woodland School
  - Grades 3-6 at the Powder Mill School
  - Grades 7-12 at the Southwick Regional School

## OPTION II

### Advantages

- **Maintains an elementary school in the Granville community**
- **Saves on travel time for Granville parents and students**
- Eliminates additional transportation costs associated with transporting Grade K-6 Granville students to the Woodland and Powder Mill Schools
- Maintains a larger capacity cushion at the Woodland and Powder Mill Schools

## OPTION II

### Challenges

#### Costs

- Continues operating costs at Granville – \$977,580 (recurring costs) and per pupil cost inequities
- Adds costs of implementing Granville Village Technology Plan – between \$79,450 and \$116,750
- Requires capital improvements at Granville estimated at \$957,000 over the next three years

## OPTION II

### Challenges

#### **Instructional and Social**

- Does not facilitate increased grade level staff collaboration or student access to larger group activities (Band, Chorus, Extracurricular activities)
- Does not decrease travel time for Specialists, thereby allowing them to spend more time on instruction
- Does not facilitate opportunities for increased social contacts among grade level students

***We trust that NESDEC's analysis of the problems and the options presented will assist the School Committee, the School Administration, and the towns in resolving these issues in order to provide sound educational facilities for all of the District's pupils...for many years to come. We see this Report as a beginning point for study and discussion. Ultimately, the School Committee should adopt a Master Plan for future educational facilities and provide the community leadership for implementing the plan.***

***NESDEC wishes to thank all those who assisted with the completion of the project. The Southwick-Tolland-Granville Regional School Committee and Administration should be commended for their systematic approach to decision-making regarding school-related issues.***



*New England School Development Council*

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# **YOUR REACTIONS IDEAS SUGGESTIONS**

