

School District Merger Study

Crown Point Central School and Ticonderoga Central School

Facilities

April 17, 2013

Castallo and Silky Education Consultants
Alan Pole and Jessica Cohen, Consultants

An Overview of Facilities



Overview of Instructional Buildings

Table 4.1
Overview of Crown Point and Ticonderoga School Buildings

Schools	Crown Point	Ticonderoga High School	Ticonderoga Elementary/Middle School
Address	2758 Main St. Crown Point, NY	5 Calkins Place Ticonderoga, NY	116 Alexandria Ave Ticonderoga, NY
Year of Original Building	1928	1928	1966
Sq. Ft. in Current Building	80,227	121,495	97,298
Number of Floors	3	3	1
Grades Housed	Pre-K-12	9-12	Pre-K-8
Students Served this year	254	290	540
Number of Instructional Classrooms	27	40	49
Rating of Space Adequacy (Good/Fair/Poor)	Good	Good	Excellent
Estimated Capital Expense through 2015-16	None	None	None
Overall Building Rating (E/S/U/P)	Excellent	Satisfactory	Satisfactory
Architect	AES Northeast	CS Arch	CS Arch

NOTE:

1-All information was taken from the most recent NYS Building Conditions Survey and updates from the superintendents. Enrollments were drawn from the 2012-13 academic year data base.

2-Survey was completed before completion of recent capital construction project but some updates are included



Overview of Bus Garages

Table 4.??
Overview of Crown Point and Ticonderoga Bus Garages

Schools	Crown Point	Ticonderoga
Address	2758 Main St. Crown Point, NY	104 Alexandria Ave Ticonderoga, NY
Year of Original Building	2001	1969
Sq. Ft. in Current Building	8,334	8,600
Number of Floors	1	1
Recent Capital Improvements	None	Added booster pump to domestic hot water system; added fire alarm system
Rating of Space Adequacy (Good/Fair/Poor)	Good	Fair
Estimated Capital Expense through 2015-16	None	None
Overall Building Rating (E/S/U/P)	Excellent	Satisfactory
Architect	AES Northeast	CS Arch

NOTE:

All information was taken from the most recent NYS Building Conditions Survey except the enrollments that were drawn from the 2012-13 academic year data base.



Outside Groups Using School Buildings

Table 4.??

Outside Groups Using Crown Point & Ticonderoga District Buildings

Crown Point	Ticonderoga
<ul style="list-style-type: none"> • Men's Basketball League • Boy Scouts • Girl Scouts • SUNY Plattsburgh Teach Mentor Program • Crown Point Youth Commission • Crown Point Fire District • Distinguished Young Woman of the Year • Champlain Valley String Orchestra • Champlain Valley Chorale • Adirondack Mountain Men AAU Program • Crown Point Memorial Day Committee • Town of Crown point • Ragnar Events • Center Stage Dance • EF Tour Group • Ticonderoga Little League • Crown Point Chamber of Commerce • Mountain Lake Services • SADD • On Common Ground Theater Group • Performance Art Connection Wrestling 	<ul style="list-style-type: none"> • 4-H • 4th of July Committee • Accelerated Christian Education Athletics • Adirondack Mountainmen Basketball • Behavioral Health Services North • Boy Scouts/ Girl Scouts/ Cub Scouts • Community Band • Distinguished Young Woman Program • Essex County Board of Elections • Families & Schools Together Program • Fort Ticonderoga Fife & Drum Corp • James Cawley Photo Shoot • Kiwanis • NCCC Nurse Pinning Ceremony • Plymouth Fife & Drum Corp • Ragnar Relay Adirondacks Race • Road Runners • Royal Winter Pageant • St. Mary's School • Ti Alumni Organization • Ti Booster Club • Ti Federal Credit Union • Ti Fire Department • Ti Little League and Ti T-Ball • Ti Titans • Ti Youth Center • Tiny Tim Organization • Town of Ti Basketball • Town of Ti Bass Federation Registration • Town of Ti Little League • Town of Ti Summer program • Town of Ti Youth Football • Town of Ti Youth Commission • Town of Ti Youth Soccer • Zumba Fitness



Enrollment Projections-Crown Point

Table 2.???

Crown Point Enrollment History and Projection

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Births 5 yrs. earlier		15	15	22	23	21	20	29	12	28	22	22	22	22
K	24	16	14	19	13	19	20	18	26	11	25	20	20	20
1	12	22	19	18	17	14	20	22	20	29	12	28	22	22
2	18	14	23	16	15	16	15	19	21	19	27	11	26	21
3	23	17	13	22	15	16	18	15	19	21	19	28	11	27
4	23	19	15	15	21	15	16	18	15	19	21	19	27	11
5	18	19	21	14	15	21	19	17	19	16	20	22	20	29
6	22	19	18	23	16	15	22	20	18	20	17	21	23	21
7	18	23	23	21	24	19	18	26	23	21	23	19	24	27
8	18	16	20	23	16	21	19	16	23	21	19	21	17	22
9	23	21	20	23	23	20	24	22	19	27	24	22	24	20
10	25	24	19	19	28	21	22	24	22	19	27	25	22	25
11	29	22	21	18	19	25	18	20	22	20	17	25	22	20
12	29	28	19	20	19	19	23	17	19	21	20	17	24	21
Ungraded Elementary														
Ungraded Secondary	2													
Total K-12	284	260	245	251	241	241	254	255	267	264	272	277	285	286
Total K-5	118	107	105	104	96	101	108	109	120	115	125	128	127	130
Total 6-8	58	58	61	67	56	55	59	62	64	61	58	61	65	70
Total 9-12	108	95	79	80	89	85	87	84	83	88	88	88	92	86



Enrollment Projections-Ticonderoga

Table 2.???
Ticonderoga Enrollment History and Projection

Grade	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Births 5 yrs. earlier		57	49	58	55	47	59	71	56	63	59	59	59	59
K	75	62	66	71	79	65	70	81	77	86	81	81	81	81
1	56	59	49	49	56	56	54	54	62	59	67	62	62	62
2	66	57	62	48	43	55	53	52	52	60	57	64	60	60
3	60	68	59	55	43	37	55	50	49	49	57	54	60	57
4	65	59	64	58	59	41	41	56	50	49	49	57	54	61
5	65	63	61	63	58	54	38	40	54	49	48	48	56	53
6	61	67	61	54	70	54	56	37	39	53	48	47	47	55
7	81	67	82	70	66	82	66	67	45	47	64	58	57	57
8	79	83	68	73	78	64	77	65	66	44	46	63	57	56
9	95	95	87	69	82	82	76	84	71	72	48	50	68	62
10	99	68	92	85	68	77	76	73	80	68	69	46	48	66
11	67	104	65	81	82	55	76	70	67	74	62	63	42	44
12	85	65	104	75	78	80	62	79	73	70	77	65	66	44
Ungraded Elementary						3	3							
Ungraded Secondary						8	6							
Total K-12	954	917	920	851	862	813	809	808	786	781	773	759	760	757
Total K-5	387	368	361	344	338	311	314	332	345	353	359	367	374	374
Total 6-8	221	217	211	197	214	200	199	170	150	145	158	168	161	168
Total 9-12	346	332	348	310	310	302	296	306	291	283	256	225	225	216



Crown Point Classrooms

Table 4.?

Crown Point Classroom Usage-2012-13

Building Has a Full-Size Art Room, Music Room, Library, Auditorium, Offices, Cafeteria, and Gymnasium that are Independent of the Count of Full-Size Classrooms Below

School Building	No. of Full-Size Rooms	No. of Classes (21)	Other Usage of Full-Size Rooms	Usage of Small Rooms, Not Full-Size, Other Than Administration, Guidance, CSE, Nurse, and Custodian
Crown Point School	24	Pre-K-1 K-1 1-1 2-1 3-1 4-1 5-1 6-1 English-2 Soc Stud-1 Math-1 Science-1 Business-1 Home Ec.-1 Tech-1 Computer-1 AIS-2 Sp. Ed.-2	Fitness Room-1 Extra-2 (On 2 nd floor labeled as English and Science)	Speech Athletic Director OT and AIS



Ticonderoga Classrooms

Table 4.?

Ticonderoga Classroom Usage-2012-13

Middle School has a Full-Size Art Room, Music Room, Library, and Offices; Elementary School has a Full Size Art Room, Music Room, Library, and Offices; Gymnasium, Fish Bowl (Multi-Purpose Room) and Cafeteria are Shared. These Rooms are Independent of the Count of Classrooms Below

School Building	No. of Full-Size Rooms	No. of Classes	Other Usage of Full-Size Rooms	Usage of Small Rooms, Not Full-Size, Other Than Administration, Guidance, CSE, Nurse, Storage, and Custodian
Ticonderoga High School	35	English-4 Soc Stud-4 Math-4 Science-4 Spanish-1 French-1 Health-1 Sp. Ed.-3	Study Hall-1 ISS-1 Ti TV-1 Computer Lab-2 Testing Area-1 Teachers Room-1 Weight Room-1 Planetarium-1 Home Ec-1 Tech-3	AIS-1 Server Room-1 Conference Room-1 Records Room-1 Admin. Conference-1
Ticonderoga Middle School	18	English-3 Soc Stud-2 Math-3 Science-3 Spanish-1 French-1	Computer-1 Shop-1 Resource-2 Home Ec-1	
Ticonderoga Elementary School	31	Pre-K-1 Young 5-1 K-3 1-3 2-3 3-3 4-2 5-2 Sp. Ed.-4	AIS-1 Comm. Dev.-1 Computer Lab-1 OT/PT-1 Psychologist-1 Reading-1 Speech-1 Work Room-1 Vacant-1	Teachers Room-1 Fitness Room-1



Combined Enrollment by Level

Student Enrollment History and Projections														
	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20
CROWN POINT														
K-5	118	107	105	104	96	101	108	109	120	115	125	128	127	130
6-8	58	58	61	67	56	55	59	62	64	61	58	61	65	70
9-12	108	95	79	80	89	85	87	84	83	88	88	88	92	86
TICONDEROGA														
K-5	387	368	361	344	338	311	314	332	345	353	359	367	374	374
6-8	221	217	211	197	214	200	199	170	150	145	158	168	161	168
9-12	346	332	348	310	310	302	296	306	291	283	256	225	225	216
COMBINED														
K-5	505	475	466	448	434	412	422	422	464	467	483	494	499	504
6-8	279	275	272	264	270	255	258	231	214	206	217	229	225	238
9-12	454	427	427	390	399	387	383	389	373	371	344	313	316	302



Middle School Room Utilization

Table 4.??										
Ticonderoga Middle School Classroom Usage-2012-13										
Room	Period									
	1	2	3	4	5	6	7	8	9	10
2001						X	X		X	
2002	X		X		X	X		X	X	X
2003			X		X	X	X	X		X
2004		X		X	X	X	X		X	X
2005	1	1	1	1	1	1	1	1	1	1
2006			X	X	X		X	X	X	X
2007	X		X	X	X		X		X	X
2008	X	X		X	X	X		X	X	X
2009	X	X		X		X	X		X	X
2010		X	X		X	X	X		X	X
2011			X	X	X			X	X	X
2012	X			X	X		X	X	X	X
2013			X		X		X	X	X	X
2014	X		X	X		X		X	X	X
2015	X	X			X		X	X	X	X
2016		X	X	X		X	X		X	X
2017		X		X	X	X		X	X	X
2018	X	X	X			X	X	X		
2019		X		X	X	X	X	X	X	X
2020	X	X	X				X			
2021	2	2	2	2	2	2	2	2	2	2

Notes: (1)-assumes computer lab (2005) is occupied every period;
 (2)-assumes library (2021) is occupied every period;
 (3)-Of 210 total periods, 144 are currently occupied, 66 are currently vacant



High School Room Requirements

Table 4.??

Room Usage in Ticonderoga High School Compared with Merged High School

Area	Number of Sections Currently in Ticonderoga High School	Number of Sections Needed for Merged High School
English	15	19
Social Studies	17	21
Math	19	20
Science	25	31
LOTE	11	13
Business	4	7
Technology	4	8
Home & Career Skills	3	3
Health	2	3
Art	3	8
Music	4	5
Physical Education	10	14
Other	7	6
AIS	23	8
Study Halls/Academic Labs	15	20
TOTAL	162	186



High School Classroom Utilization

Table 4.??
Ticonderoga High School Classroom Usage-2012-13

Room	Period									
	1	2	3	4	5	6	7	8	9	GO
1015		x	x		x		x	x	x	
1116		x	x	1		x	x	x	x	x
1118	x	x	x	x	x		x		x	x
1119	x							x	x	x
1122										
1201	x		x	x		x	x		x	x
1202	2	2	2	2	2	2	2	2	2	2
1203		x	x	x			x	x	x	x
1204	x		x	x				x	x	x
1212	x	x		x	1		x	x		
1213	x	x		x	x	x				
1214	x	x	x		x		x	x		x
1215	x									
1216	x	x	x	x		x	x		x	x
1217	x		x		x	x		x	x	x
1218	x	x	x		x	x		x		
1301	x	x	x			x	x	x		x
1302	x		x	x		x			x	
1303	x	x	x	x	x	x	x	x	x	x
1304						x	x		x	
1305	x		1	x	x	x		x	x	x
1312	3	3	3	3	3	3	3	3	3	3
1314	x		x		x	x		x	x	x
1316	x	x	x	x	x		x		x	
1317	x		x	x	x			x	x	x
1318		1		x	x	x		x	x	
1319		x	x	x		x	x	x		x
1321		x	x	x	x		x	x		
1415	x	x							x	x
Gym	x	x	x	x	x		x	x	x	

Notes: (1)-class is taught at alternative school;
 (2)-assumes computer room (1202) is occupied every period;
 (3)-assumes library (1302) is occupied every period;
 (3)-Of 300 total periods, 187 are currently occupied, 113 are currently vacant
 GO = Guide On



School Sites

Crown Point-playground, softball field, baseball field, 2 soccer fields, tennis court

Ticonderoga High School- Multi-purpose play/practice field, softball field, tennis/basketball court

Ticonderoga Elementary/Middle School-playground, 5 lane track, football stadium, softball field, 2 baseball fields, 2 soccer fields, 2 basketball courts, multi-purpose play/practice field, undeveloped field



Capital Construction Activities

Crown Point: No recent capital projects since the new bus garage in 2001 with old bus garage converted to 3 elementary classrooms. \$2M project in 2009 for gym infrastructure renovation and partial roof replacement. No capital projects planned.

Ticonderoga: Recently completed major capital project that made significant improvements to the high school and the elementary/middle school.



Capital Project at Ticonderoga

- High School-Parking lot upgrades; replaced all windows; relocated and updated several offices; renovated gym with new floor and new bleachers plus new lobby; added new wing for technology, art, and music; lighting upgrades; infrastructure upgrades including technology, security, clocks, PA, telephone, sewer, and electrical
- Elementary/Middle School-Parking lot upgrades; added vestibules; replaced carpeting, ceilings, and room dividers throughout; renovated libraries, music room, locker rooms, auditorium/gym area; relocated and updated offices; built new cafeteria, kitchen, special ed room and science room; infrastructure upgrades including air quality, security, telephone, PA, clock, water, and electricity

Incentive Building Aid for Merged Districts

Additional 30% on top of the higher district's selected building aid ratio up to 95% (98% for high needs districts) for 10 years for any new construction

District	Combined Wealth Ratio	Building Aid Ratio
Crown Point	.615	.946
Ticonderoga	1.261	.623



Additional Building Aid for Merged Districts

Existing debt is aided at the higher of the previous districts' selected building aid ratios

District	Combined Wealth Ratio	Building Aid Ratio
Crown Point	.615	.946
Ticonderoga	1.261	.623



Take-Aways

Tentative Facility/Grade Recommendation

- Pre-K-5 elementary schools in both districts with the existing attendance zones.
- Send all students in grades 6-8 to a combined middle school in the current Ticonderoga Middle School
- Send all students in grades 9-12 to a combined high school in the current Ticonderoga High School
- Maintain current two bus facilities, at least for the short term.



Questions

