

SCG-1050B - School Facilities Individual School Survey

A. School Overview

A1	Select "SCG-1050" for your LEA.	SCG-1050_MANCHESTER
	Unique response identifier.	1
A2	Form Status.	Submitted

A3	What is the name of the school:	Bowers School
A3a	School Code	0770111

A4	School Street Address	141 Princeton Street
A5	City	Manchester
A6	State	CT
A7	Zip Code	06042
A8	School Phone	(860) 648-3313
A9	Latitude	41.7884008782063
A10	Longitude	-72.5100645305674
A11	Is the school currently in active use by the LEA?	True
	Check the grade levels served by this school:	
A12	PK	False
A13	K	True
A14	1st	True
A15	2nd	True
A16	3rd	True
A17	4th	True
A18	5th	False
A19	6th	False
A20	7th	False
A21	8th	False
A22	9th	False
A23	10th	False
A24	11th	False
A25	12th	False
A26	Current Capacity	550
A27	General Parking Spaces	48
A28	Accessible Parking Spaces	3
A29	Number of portable classrooms	0
A30	Net Square Footage	54537
A31	Gross Square Footage	79368
A32	Internet Connectivity	Dark Fiber Multi-Mesh Network
A33	Year opened	1949

B. Location Detail

B1	Primary Location Structure. Select the structural type of the portion of the facility that is of the largest square footage.	Concrete Frame
B2	Secondary Location Structure. Select the structural type of the portion of the facility that is of the second largest square footage.	Concrete Frame
B3	What is the total roof area?	37638
B4	Is the school ADA compliant?	True
B5	What is the replacement cost of the school?	\$14,931,300
B6 to B8	Reserved for later use.	False
B9	Are CO detectors installed and in use, in accordance with relevant standards?	True
B10	Is automatic fire suppression installed and in use in the entire school facility, in accordance with current fire codes, as confirmed by the fire marshal with	True

	Jurisdiction over the school? (question revised 4/27/2021)	
B11	Is energy use metered at the school?	True
B12	Enter the annual electricity usage in kWh/yr. Please use typical usage, especially if years affected by COVID-19 were anomalously low. (question revised 3/26/2021)	303420
B13	Enter the annual natural gas usage in MCF. Please use typical usage, especially if years affected by COVID-19 were anomalously low. (question revised 3/26/2021)	52264
B14	Enter the annual heating oil usage in gallons. Please use typical usage, especially if years affected by COVID-19 were anomalously low. (question revised 3/26/2021).	0
B15	Enter other energy usage. Please use typical usage, especially if years affected by COVID-19 were anomalously lows. (question revised 3/26/2021).	0
B16	What is the output (in kW) of the generator(s) on the school site.	0

C. Basic Building Information

C1	Approximate square footage of original building		54637
C2	Have there been extensions (additions) on this building?		Yes False
		If you answered yes to question C2:	
	C2y1	Number of extensions (additions) on this building:	
	C2y2	Approximate date(s) and square footage of extensions - enter all dates and square footages of each here:	
C3	Approximate dates of any major renovations. Please enter all of the relevant dates in this field.		1989
C4	Does this facility contain a Central Office component (District BOE)?		Yes False
C5	What is the approximate size of the site (in acres) of this school or facility? If the school is located on a larger parcel with more than one school, please make an approximation of the acreage considered a part of each school, and include those figures in each different school's School Survey.		10
C6	Does this facility contain an alternative high school or similar program?		False
C7	Does the facility contain any Community Use spaces? Community use space is space in a school that is used by the general public during school hours. It does not refer to community use of school space after school hours. School based health or dental clinics that are only for students are also not community use. (question revised 4/29/2021)		False

D. School Program Features

D1	Does this facility have a School Readiness Program?		False
D2	What is the estimated square footage included in this facility for a school readiness program?		
D3	Does the facility have a Full- day Kindergarten program (C.G.S. Section 10-285a(h))?		True
D4	What is the approximate square footage of area used primarily for Full-day Kindergarten?		4400
D5	Does the facility have a Reduced Class Size program (C.G.S. Section 10-285a(h))?		False
D6	What is the approximate square footage of area used primarily for the Reduced Class Size program?		
D7	Does the LEA have plans to change the grades served by this facility?		False
	D7y1	Which grades were added or removed?	
D8	Does the LEA have plans to close this school facility?		False
	D8y1	What is the current planned year of closure?	

E. Primary Building Features

	Does this facility contain the following building features? (check as many as apply)		
E1	Art room(s)		True

E2	Auditorium		False
E3	Black Box Theater		False
E4	Cafeteria		True
E5	Computer lab		False
E6	Combined cafeteria/auditorium (cafetorium)		False
E7	Full service kitchen		True
E8	Warming kitchen only		False
E9	Culinary teaching kitchen		False
E10	Gymnasium		True
E11	Auxiliary Gymnasium		False
E12	Swimming Pool		False
E13	Locker & Shower Rooms		False
E14	Music rooms (band/choral/etc.)		True
E15	Band or Choral Practice Rooms		False
E16	Media center / library		True
E17	Special Education spaces		True
E18	OT/PT rooms or spaces		True
E19	Pre-k classrooms or spaces		False
E20	Language labs		False
E21	Shop spaces (Automotive)		False
E22	Shop spaces (Woodworking)		False
E23	Shop spaces (Metal)		False
E24	Shop spaces (Other)		False
E25	Career or technical education office		False
E26	Career or Tech Ed Classrooms or Labs		False
E27	Health Program		False
E29	Culinary Program		False
E30	TV/radio studios		False
E31	Makerspaces		False
E32	Technology labs, for programs related to high technology, such as computers, robotics, engineering, etc. (question revised 3/26/2021)		False
E33	Teen Pregnancy Prevention Program		False
E34	Day Care Facility		False
E35	Pre-K		False
E36	Community Health Program Space		False
E37	Concession space		False
E38	Other Special Spaces		False
E39	Does this site contain one or more playscapes?		True
	If question E39 is answered "yes":		
	E39y1 What ages served?	3-5 and 6-12	
E40	Does this site contain one or more ballfields/playfields?		True
	If question E40 is answered "yes":		
	E40y1 Number of ballfields/playfields?	1	
E41	Does this site have an artificial turf field?		False
E42	Are there any athletic fields with permanent outdoor athletic lighting?		False
E43	Are all facilities Title IX compliant?		False

F. Primary Building Systems Information

	Does this facility contain the following building features:	
F1	Central air conditioning (entire building)?	False
F2	Central air conditioning (portions only)?	False
F3	Individual window air conditioning (portions only)?	True
F4	Room unit ventilators?	False
F5	Adequate interior lighting according to locally applied standards?	True
F6	Adequate exterior lighting according to locally applied standards?	True
F7	Technology systems updated - no more than 5 years old? This question only relates to technology in the building systems, themselves. (question revised 3/26/2021)	False

F8	Updated HVAC / high efficiency boilers - no older than the expected useful life of the equipment?	False
F9	Fully automatic fire suppression system (entire building)?	True
F10	Updated telecommunications systems - no more than 5 years old?	False
F11	Does the facility have a Building Management System?	True
F12	Is a roofing warranty on file with the district and/or OSCGR?	True
	Indicate the extent of the educational technology infrastructure in the facility. (Select all that apply)	
F13	Entire Facility	True
F14	Student Support Areas	False
F15	Some Classrooms	False
F16	All Classrooms	False
F17	Media Center	False
F18	Computer Labs	False
F19	Auditorium	False
F20	Cafeteria	False
F21	If this facility does not address the needs of the educational technology, explain why not.	
F22	List the total square footage of roof areas by roofing type:	55000
F23	What is the square footage of this facility's roof area that is more than 20 years old as of this report?	55000

G. Indoor Air Quality (IAQ) Issues

G1	Has the local or regional BOE adopted and implemented an IAQ program at this facility?	True
G2	Is there a uniform inspection and evaluation program for IAQ at this facility?	True

H. Safety & Security

H1	Has the district established a School Safety & Security Plan as required by C.G.S. 10-222n?		True
H2	Has the district submitted a Safety & Security Plan to CT-DEMHS within the last year?		True
H3	Was the safety & security plan developed with involvement of local officials?		True
H4	Were school employees provided orientation on the safety & security plan?		True
H5	Has OSCG&R FORM SCG-9000 been submitted by the district within the last year?		True
H6	Has a Safety & Security committee been established for this facility?		True
H7	Has a uniform security and vulnerability assessment been performed at this facility?		True
H8	Has a safe school climate committee been established for this facility?		True
H9	Have crisis management procedures been developed for this facility?		True
H10	Do the management procedures have a command center structure and follow the recommendations of the federal National Incident Management System (NIMS)?		True
H11	Are procedures in place for managing other types of various emergencies using the "all hazards" approach.?		True
H12	Has this facility completed the required no. of crisis and fire drills in the last school year?		True
H13	Is this facility in compliance with current SSIC recommendations? The facility is in compliance with SSIC recommendations if the district and the Safety & Security committee for the facility have reviewed the School Safety Criteria (Appendix A of the Report of the School Safety Infrastructure Council) and have determined that the facilities, equipment and procedures at the facility meet the Criteria, in accordance with the judgement of the appropriate local authorities.		True
H14	Have school personnel received security infrastructure training within the last year?		True
H15	Has the building entrance been hardened to improve security since January 1, 2013?		True
H16	Does this facility have carbon monoxide (CO) detection installed?		True
H17	Has a radon mitigation system been installed in this building?		False
	<u>If this question is answered "yes":</u>		
	H17y1	Passive or Active?	

I. Water System

I1	What is the name of the Water System company serving the facility? If not served by a water system, what is the source potable water?		Town of Manchester
	If this question is answered "yes":		
	I1y1	Has the water been tested within the last 3 years?	False
	If this question is answered "no":		
	I1n1	What is the name of the Water System company serving the facility?	
I2	Does this site contain one or more water storage tank(s)?		False
	If this question is answered "yes":		
	I2y1		
I3	Is the water supply currently serving this facility adequate to meet the facility's needs? This applies both to the quality and quantity of water. Only answer "yes" if the district can do so from evaluation of both quality and quantity of water done in accordance with applicable standards.		False
I4	Has the water been checked regularly to ensure that is safe, i.e. no lead, no toxic chemicals, etc.?		False

J. Accessibility

J1	Has this facility had an accessibility compliance review by CT-SDE within the last 5 years?		False
	If this question is answered "yes":		
	J1y1	Have the issues noted in the compliance review been successfully resolved?	[CustomForm_J1y1Have the issues noted in the compliance review been successfully resolved]
J2	Has this facility been subject to a code violation, including accessibility (CV) citation within the last 5 years?		False
J3	Has this facility applied for or received a code violation (CV) grant within the last 5 years?		False
J4	Are the site elements and exterior spaces at this site fully ADA compliant? "Exterior spaces" refers to outside of the building envelope. (question revised 3/26/2021)		False

J5	Are there any outstanding code violations for accessibility that have not been addressed?		False
J6	If this facility contains playscapes, are the playscapes fully ADA-compliant?		False
	Are the following, if present, fully ADA-compliant?		
J7	Ballfields		Yes
J8	Viewing stands		NA
J9	Press boxes		NA
J10	Football/Soccer fields		NA
J11	Tennis courts		NA
J12	Running tracks		NA
J13	Other OAF (Outdoor Athletic Facilities)		NA

K. Green Cleaning

K1	Has the BOE adopted or implemented a Green Cleaning Program at this facility?	☐	☐	☐	True
K2	Does the BOE have a written statement of the Green Cleaning Program at this facility?	☐	☐	☐	True

L. Energy

L1	Primary heating source		Natural gas
L2	Type of HVAC system?		Cast iron steam boiler
L3	Fuel source for heating system?		Natural gas
L4	Is a steam system or hot water system in use?		Steam
L5	What is the approximate age of the boilers?		20+ years
L6	Are there any split unit air conditioners in use?		Yes
L7	Are any window air conditioners in use?		Yes
L8	Does this facility have a photo-voltaic array (P/V)?		False
	<u>If this question is answered "yes":</u>		
	L8y1	Year of installation of oldest photo-voltaic array	
L9	What is the square footage of the panels in that array?		
L10	What is the output of the array? (kWh per year)		
L11	What year was the array installed?		
L12	Where is the PV array located?		
L13	If there is a PV rooftop array, how are the panels fixed in place?		
L14	If there is a PV rooftop array, who owns the panel system?		
L15	Does this facility have a generator?		False
	<u>If this question is answered "yes":</u>		
	L15y1	What is the fuel source of the generator?	
L16	Does this site contain one or more underground oil tank(s)?		True

If this question is answered "yes":

	L16y1	Age of oldest underground oil tank (years):	unsure
L17	What were the heating, lighting and other energy expenditures at this school in the most recently completed fiscal year?		81578
L18	Is this facility currently served by natural gas?		True

M. Climate Change Readiness

M1	Is the first floor of the school located 1-foot (min) above the 500 year base floodplane event on the SCG-5003, Flood Management Certification?	False
M2	Is any part of the site this facility is on in a 500 year flood plain?	False
M3	Is any part of the site this facility is on in a 100 year flood plain?	False
M4	Is any part of the site this facility is on in a coastal hazard area?	False
M5	Does this site contain wetlands?	False

N. Cost Estimates

N(a)	What is the expected heating, lighting and other energy expenditures at this school for each year? Base this on past experience, accounting for anticipated rising costs.					
	What is the fiscal year of year 1 of these estimates? Enter the four-digit year of the fiscal year to which year 1 of your estimates applies. Year 2 will then be for the fiscal year after Year 1, and so on.	2021				
		Year 1	Year 2	Year 3	Year 4	Year 5
		98073	85789	90078	94582	99311
N(b)	From the district five year plan, provide the planned preventive maintenance at this school for this year. Estimates should be based on what is actually planned or based on the past experience of what is allocated by the Board of Education and municipality. If this is not currently in your five year plan, please add an addendum to the copy of your five year plan that you upload, noting the cost of the preventive maintenance planned for each school during each year of the five year plan. If the amount planned is insufficient to perform the necessary maintenance, such as is indicated by product manufacturers, please also note the fact of that insufficiency in your five year plan or in the addendum to it.					
	What is the fiscal year of year 1 of these estimates? Enter the four-digit year of the fiscal year to which year 1 of your estimates applies. Year 2 will then be for the fiscal year after Year 1, and so on.					
		Year 1	Year 2	Year 3	Year 4	Year 5
N(c)	From the district five year plan, provide the planned preventive maintenance, including equipment replacement, at this school for this year. Estimates should be based on what is actually planned or based on the past experience of what is allocated by the Board of Education and municipality. These would not be for expenses for which the district has or plans to apply for School Construction Grant reimbursement, which are reported under N(c) If this is not currently in your five year plan, please add an addendum to the copy of your five year plan that you upload, noting the cost of the preventive maintenance planned for each school during each year of the five year plan. If the amount planned is insufficient to perform the necessary maintenance, such as is indicated by product manufacturers, please also note the fact of that insufficiency in your five year plan or in the addendum to it. (Question updated 3/17/2021.)					
	What is the fiscal year of year 1 of these					

	estimates? Enter the four-digit year of the fiscal year to which year 1 of your estimates applies. Year 2 will then be for the fiscal year after Year 1, and so on.	2023				
		Year 1	Year 2	Year 3	Year 4	Year 5
		32800000	0			
N(d)1	What is the project number of most recent major School Construction Grant funded project at the school. Please only include projects substantially completed within the last three years. "Major projects" would be limited to new, renovation, extension or extension/alteration projects.					
N(d)2	What is the net square footage of the project. Use the whole school after construction for new and renovation projects, and only the square footage after construction of the project area for all other projects reported, here.					
N(d)3	What were the construction costs for this project (see Form SCG-2003)?					
N(d)4	What were the soft costs for this project (see Form SCG-2004)?					
N(d)5	What were the other costs for this project (see Form SCG-2002)?					

O. Other Information

	Name of most recent person to update this form	Karen L. Clancy
	Title of most recent person to update this form	Director of Finance & Management
	E-mail of most recent person to update this form	kiclancy@mpspride.org
	Date of most recent update	Friday, May 28, 2021