

Special Plants and Facilities Committee

Tuesday, May 20, 2025 5:45 PM

DMS Cafetorium 73 Chatfield Street

Derby, CT 06418

Join Zoom Meeting

<https://us02web.zoom.us/j/84300567051>

Meeting ID: 843 0056 7051

Find your local number: <https://us02web.zoom.us/u/kdzomcx3SN>

1. Call to Order

Speaker(s): Mr. Foley

1.A. Opening Ceremonies

Speaker(s): Mr. Foley

1.B. Roll Call

Speaker(s): Mr. Foley

2. Public Portion

Speaker(s): Mr. Foley

Prior to the commencement of any public meeting of any board of the city, the agenda for said meeting shall be posted in the meeting room and the first order of business of said meeting shall be the entertainment of public discussion on any item on said agenda and the conduct, length, and method of terminating said public discussion shall be determined by majority vote of the members of said board of commission.

3. Approval of Minutes

Speaker(s): Mr. Foley

Motion: *The Plants and Facilities Committee approves the minutes from the March 20, 2025 meeting.*

4. Facilities Department Report

Speaker(s): Mr. Foley, Mr. Hoffman

5. Review of Facilities Budget

Speaker(s): Mr. Foley, Mr. Hoffman, Mr. Trainor

6. School Violence Prevention Program (SVPP)

Speaker(s): Mr. Foley, Mr. Trainor, Dr. Conway,

7. DMS Heating System Update

Speaker(s): Mr. Foley, Dr. Conway, Mr. Hoffman, Mr. Trainor

8. Discussion: Payden Pavilion Pavers

Speaker(s): Mr. Foley

9. Discussion: Payden Park Protective Netting

Speaker(s): Mr. Foley

10: Adjourn

Speaker(s): Mr. Foley

Motion: *The Plant and Facilities Committee adjourn its meeting.*

Plants and Facilities Meeting – March 20, 2025

Minutes

Roll Call

In Attendance

Dan Foley Yes
Melissa Mongillo Yes
Karla Malerba Absent
We do have a quorum

Also Present

Dr. Matthew Conway, Superintendent of Schools
Robert Trainor, Business Manager
James Hoffman, Director of Facilities
Dan Blizman, Blizzard Mechanical

Public Portion

Dan Foley - Nobody from Public was in auditorium or online. So we will close the public portion.

Approval of Minutes

Motion: *Approve minutes from February 20, 2025 Plants and Facilities meeting made by Melissa Mongillo, Seconded by Dan Foley. All in favor, motion passes.*

Dan Foley Yes
Melissa Mongillo Yes
Karla Malerba Absent

Review of Facilities Budget

Robert Trainor -

Electrical costs is first topic – as of right now we are about \$200K over budget. Dec, Jan and Feb had overages. Facilities overall is still under budget by about \$56K. Jim and his team continue to do incredible things with our facilities.

Melissa Mongillo - We are over budget on utilities but we are under budget overall?

Robert Trainor – The way we are trending right now, yes.

Dan Foley – Are electricity rates higher this year?

Robert Trainor – We are contracted so the only thing that could change is the delivery fee. There is also a section on the invoices called public benefit programs.

Dr. Conway – Same as your home. One of the discussions they are having in the legislature now. Why are we paying for things that we get no benefit from?

Dan Foley– There are discussions about ending those programs, right?

Dr. Conway – They are in discussions when people question it. They should have it outlined as some other tax because that is really what it is. Very little of it is going toward people who cannot pay their bill. That is a misunderstanding.

Derby Middle School Heating Update

Jim Hoffman – The State now mandates indoor classroom air temperatures must not exceed 80 degrees F. Due to this, the micro-turbines have not been operational. After reaching out to Dan Blizman from Blizzard Mechanical, we began reviewing the system and uncovered significant issues with the original piping. Although the system is now operational and no longer overheating the building there is work to be done.

Dan Blizman from Blizzard Mechanical –

System Overview and Key Issues:

Clarified misconceptions from previous meetings:

- Replacing the chiller does not impact turbine operation—these are separate systems.
- Turbines can operate independently of a chiller.

System Function:

- Micro-turbines generate electricity (similar to airplane turbines) and feed power to Derby High School.
- Heat exchangers on turbines act like radiators, capturing exhaust heat.
- A pump circulates water through the system. A bypass valve prevents heat from entering the building when not needed.

Problem 1: Overheating

- When turbines ran, heat was dumped into the building due to a disconnected bypass valve and faulty temperature sensor:
 - Bypass Valve was non-functional, causing unregulated heat to enter the building.
 - Temperature Sensor in the shed read 196°F instead of actual 110°F, blocking proper valve operation.

Current Status:

- Bypass valve reconnected and functional.
- Faulty sensor replaced.

- System tested successfully and now self-regulates.
- No chillers are used to temper hot water—this is managed by gas valves, which are now working properly.

Load and Cooling Challenges

- Total building load on a 90°F day = 220 tons.
- Turbines power an absorption chiller—uses heat to generate cooling.
- All load had been placed on the chiller, leading to cooling issues.
- System can dump excess heat using external radiator-like tubes.

Issues Identified

- Top floors frequently experience high temperatures.
- Equipment noise has been noted during turbine start-up.
- No previous contractor contacted the manufacturer for guidance.
 - Dan Blizman is now in regular contact with the manufacturer.

Solutions and Recommendations

Immediate Fixes Completed:

- Reconnected bypass valve.
- Replaced faulty temperature sensor.

Recommended Fixes:

- Re-piping to correct system flow.
- Manual adjustments to equipment are still required but can be automated with a control system upgrade.
- Ability to run turbines independently will improve efficiency and extend equipment life.

Estimated Cost:

- Control system upgrade estimated around \$100,000 (preliminary).
- One month of high school electricity costs approximately the same.

Additional Notes:

- Current system is not set to export power.
- If allowed to sell excess electricity back to the grid, the school could gain utility credit.
- Suggestion to negotiate with UI as a municipality for grid contributions.

Vendor Relationship and Next Steps

- Dan Blizman is now an approved DPS vendor.
- Jim Hoffman received bids for repiping and potential chiller work.
- Blizzard Mechanical can install a temporary chiller if needed.

Dan Foley asked about temperature discrepancies on upper floors and equipment noise.

Melissa Mongillo appreciated the clear explanation and asked how Dan Blizman found the school.

Dan Blizman found the word “chiller” in online meeting minutes, which caught his attention.

Next steps involve evaluating quotes and determining timelines for additional system upgrades.

Bradley School Playground

Dan Foley – Can we wait on #6 discussion until next month’s meeting?

Motion: *Move the discussion on the playground to next meeting, Second by Dan Foley. All in favor. Motion carried.*

Dan Foley	Yes
Melissa Mongillo	Yes
Karla Malerba	Absent

Adjourn

Motion: *to adjourn made by Melissa Mongillo, Second by Dan Foley. All in favor. Motion carried.*

Dan Foley	Yes
Melissa Mongillo	Yes
Karla Malerba	Absent

Derby Public Schools – Facilities Report

Prepared by: Jim Hoffman

Date: May 14, 2025

Bradley School

DERBY PUBLIC SCHOOLS FACILITIES REPORT

May 2025

Bradley

1. Playground Inspection

- Description: Multiple bids and playground designs submitted; working on a fourth bid. Three of the four bids are from DAS-certified vendors.
- Responsibility: **City/BOE**
- Status: **In Progress**

DMS (Derby Middle School)

2. HVAC Preventive Maintenance

- Description: Air filters changed, belts replaced, condenser coils cleaned, and drains serviced on all three York rooftop units.
- Responsibility: **In-house**
- Cost: **\$750**
- Savings: **\$2,000–\$3,000**
- Completion Date: **5/3/2025**

3. Cooling Tower

- Description: Cooling tower cleaned and filled. Fan and belt operation checked.
- Responsibility: **In-house**
- Completion Date: **5/13/2025**

4. Chiller Replacement

Status: Out to public bid.

- Update: Three quotes submitted; all vendors are DAS certified. Working on quotes for chilled water piping repairs. Bids submitted by Blizzard Mechanical and Hitchcock Mechanical. Awaiting bid from Controlled Air.

5. **C-3 Exhaust Fan (Science Lab)**

- Description: Centralized exhaust system motor failed. Replacement motor ordered through Troy Industries; ETA 5/22.
- Responsibility: **In-house**
- Cost: **\$1,376**
- Estimated Completion: **5/23/2025**

DHS (Derby High School)

6. **Temperature Regulation Issues**

- Description: Continued work on temperature regulation. 10 PTAC units ordered with a 4/23 ETA. Rooms G-06 and G-07 are next on the replacement schedule.
- Responsibility: **In-house**
- Status: **Ongoing**

7. **Staff Restroom – Music Hallway**

- Description: Main sewer line obstruction in the staff restroom near the cafeteria (music hallway). Line was obstructed by non-flushable items; jetted and scoped. This is the third occurrence this school year.
- Responsibility: **Johnny B Sewer**
- Cost: **\$1,200**
- Completion Date: **5/9/2025**

Irving

8. **School Hot Water Mixing Valve**

- Description: The mixing valve for the domestic hot water (school side) was recalibrated and adjusted to a 120-degree outlet temperature.
- Responsibility: **Van-Eatton**
- Cost: **\$350**
- Completion Date: **5/8/2025**

Derby Public Schools

Facility Expenditure Report by Object

From Date: 5/1/2025

To Date: 5/31/2025

Fiscal Year: 2024-2025

- Subtotal by Collapse Mask
 Include pre encumbrance
 Print accounts with zero balance
 Filter Encumbrance Detail by Date Range
 Exclude Inactive Accounts with zero balance

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
1000.61.2660.712.5357	Security Enhancements Systemwi	\$3,000.00	\$0.00	\$2,505.00	\$495.00	\$495.00	\$0.00	0.00%
	Object: Security Services - 5357	\$3,000.00	\$0.00	\$2,505.00	\$495.00	\$495.00	\$0.00	0.00%
1000.11.2600.701.5411	Water Bradley	\$2,716.99	\$211.13	\$2,176.26	\$540.73	\$2,838.74	(\$2,298.01)	-84.58%
1000.12.2600.701.5411	Water Irving	\$4,644.26	\$58.26	\$2,433.82	\$2,210.44	\$2,581.18	(\$370.74)	-7.98%
1000.20.2600.701.5411	Water DMS	\$5,799.25	\$381.04	\$3,692.33	\$2,106.92	\$3,222.67	(\$1,115.75)	-19.24%
1000.30.2600.701.5411	Water DHS	\$2,558.31	\$68.64	\$2,820.49	(\$262.18)	\$8,979.51	(\$9,241.69)	-361.24%
1000.40.2600.701.5411	Water CO	\$0.00	\$144.09	\$1,188.91	(\$1,188.91)	\$1,211.09	(\$2,400.00)	0.00%
	Object: Water - 5411	\$15,718.81	\$863.16	\$12,311.81	\$3,407.00	\$18,833.19	(\$15,426.19)	-98.14%
1000.20.2610.701.5422	Contracted Services Maint DMS	\$125,663.44	\$5,945.91	\$81,461.48	\$44,201.96	\$4,807.91	\$39,394.05	31.35%
1000.30.2610.701.5422	Contracted Services Maint DHS	\$39,041.07	\$846.00	\$36,949.27	\$2,091.80	\$159.00	\$1,932.80	4.95%
	Object: Contracted Services - O/M - 5422	\$164,704.51	\$6,791.91	\$118,410.75	\$46,293.76	\$4,966.91	\$41,326.85	25.09%
1000.11.2610.701.5430	Contracted Services Maint Brad	\$14,000.00	\$0.00	\$13,580.24	\$419.76	\$0.00	\$419.76	3.00%
1000.11.2620.701.5430	Repairs Maint of Bldg Bradley	\$27,273.85	\$169.30	\$11,253.73	\$16,020.12	\$0.00	\$16,020.12	58.74%
1000.12.2610.701.5430	Contracted Services Maint Irvi	\$15,000.00	\$120.00	\$15,201.62	(\$201.62)	\$120.00	(\$321.62)	-2.14%
1000.12.2620.701.5430	Repairs Maint of Bldg Irving	\$25,000.00	\$0.00	\$24,629.70	\$370.30	\$0.00	\$370.30	1.48%
1000.12.2622.701.5430	Renovations and Repairs Irving	\$5,000.00	\$4,996.97	\$4,996.97	\$3.03	\$0.00	\$3.03	0.06%
1000.20.2620.701.5430	Repairs Maint of Bldg DMS	\$32,573.71	\$0.00	\$3,076.69	\$29,497.02	\$505.30	\$28,991.72	89.00%
1000.30.2620.701.5430	Repairs Maint of Bldg DHS	\$30,000.00	\$0.00	\$11,144.11	\$18,855.89	\$0.00	\$18,855.89	62.85%
1000.40.2610.701.5430	Contracted Services Maint CO	\$10,000.00	\$4,025.85	\$6,524.02	\$3,475.98	\$3,226.70	\$249.28	2.49%
1000.40.2620.701.5430	Repairs Maint of Bldg CO	\$4,000.00	\$0.00	\$1,775.02	\$2,224.98	\$458.61	\$1,766.37	44.16%
1000.40.2622.701.5430	Rennovations & Repairs CO	\$4,000.00	\$0.00	\$0.00	\$4,000.00	\$0.00	\$4,000.00	100.00%
	Object: Repairs and Maintenance Services - 5430	\$166,847.56	\$9,312.12	\$92,182.10	\$74,665.46	\$4,310.61	\$70,354.85	42.17%
1000.12.2610.701.5442	Equipment Lease/Rental Maint I	\$2,000.00	\$0.00	\$0.00	\$2,000.00	\$0.00	\$2,000.00	100.00%
1000.20.2610.701.5442	Equipment Lease/Rental Maint D	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$5,000.00	100.00%
	Object: Rental of Equipment - 5442	\$7,000.00	\$0.00	\$0.00	\$7,000.00	\$0.00	\$7,000.00	100.00%
1000.11.2610.701.5608	Supplies Maintenance Bradley	\$8,000.00	\$0.00	\$4,634.20	\$3,365.80	\$3,101.33	\$264.47	3.31%
1000.12.2610.701.5608	Supplies Maintenance Irving	\$7,000.00	\$0.00	\$4,148.75	\$2,851.25	\$3,422.76	(\$571.51)	-8.16%
1000.12.2620.701.5608	Supplies Custodial Irving	\$3,000.00	\$0.00	\$3,522.63	(\$522.63)	\$0.00	(\$522.63)	-17.42%
1000.20.2610.701.5608	Supplies Maintenance DMS	\$12,579.63	\$0.00	\$7,181.43	\$5,398.20	\$7,437.99	(\$2,039.79)	-16.22%
1000.30.2610.701.5608	Supplies Maintenance DHS	\$20,830.77	\$0.00	\$17,669.32	\$3,161.45	\$3,161.45	\$0.00	0.00%
1000.40.2610.701.5608	Supplies Maint CO	\$1,386.46	\$0.00	\$1,030.07	\$356.39	\$356.39	\$0.00	0.00%
1000.40.2620.701.5608	Supplies Custodial CO	\$500.00	\$0.00	\$423.97	\$76.03	\$484.78	(\$408.75)	-81.75%
1000.61.2610.701.5608	Supplies Maint Systemwide	\$51,500.00	\$1,609.70	\$39,887.19	\$11,612.81	\$11,816.67	(\$203.86)	-0.40%
1000.61.2620.701.5608	Supplies Custodial Systemwide	\$61,800.00	\$0.00	\$62,283.20	(\$483.20)	\$35.23	(\$518.43)	-0.84%
	Object: Operation/Maintenance Supplies - 5608	\$166,596.86	\$1,609.70	\$140,780.76	\$25,816.10	\$29,816.60	(\$4,000.50)	-2.40%
1000.11.2610.701.5621	Natural Gas Bradley	\$30,361.91	\$1,285.95	\$14,141.59	\$16,220.32	\$3,858.41	\$12,361.91	40.72%
1000.12.2610.701.5621	Natural Gas Irving	\$57,963.64	\$1,700.88	\$36,762.25	\$21,201.39	\$5,237.75	\$15,963.64	27.54%
1000.20.2610.701.5621	Natural Gas DMS	\$140,768.84	\$2,021.83	\$54,974.57	\$85,794.27	\$12,025.43	\$73,768.84	52.40%
1000.30.2610.701.5621	Natural Gas DHS	\$46,922.95	\$731.75	\$14,061.30	\$32,861.65	\$13,938.70	\$18,922.95	40.33%
1000.40.2610.701.5621	Natural Gas CO	\$13,000.00	\$0.00	\$16,646.64	(\$3,646.64)	\$3,353.36	(\$7,000.00)	-53.85%
	Object: Natural Gas - 5621	\$289,017.34	\$5,740.41	\$136,586.35	\$152,430.99	\$38,413.65	\$114,017.34	39.45%
1000.11.2610.701.5622	Electricity Bradley	\$45,000.00	\$5,741.14	\$56,356.72	(\$11,356.72)	\$29,712.73	(\$41,069.45)	-91.27%
1000.12.2610.701.5622	Electricity Irving	\$49,000.00	\$6,318.50	\$72,219.84	(\$23,219.84)	\$0.00	(\$23,219.84)	-47.39%
1000.20.2610.701.5622	Electricity DMS	\$125,000.00	\$10,511.75	\$115,866.03	\$9,133.97	\$84,133.97	(\$75,000.00)	-60.00%

Derby Public Schools

Facility Expenditure Report by Object

From Date: 5/1/2025

To Date: 5/31/2025

Fiscal Year: 2024-2025

- Subtotal by Collapse Mask
 Include pre encumbrance
 Print accounts with zero balance
 Filter Encumbrance Detail by Date Range
 Exclude Inactive Accounts with zero balance

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
1000.30.2610.701.5622	Electricity DHS	\$190,000.00	\$36,263.45	\$408,419.44	(\$218,419.44)	\$0.00	(\$218,419.44)	-114.96%
	Object: Electricity - 5622	\$409,000.00	\$58,834.84	\$652,862.03	(\$243,862.03)	\$113,846.70	(\$357,708.73)	-87.46%
1000.11.2620.701.5737	Equipment Replace Maint Bradle	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$2,887.00	\$2,113.00	42.26%
1000.12.2620.701.5737	Equipment Replace Maint Irving	\$5,000.00	\$11,626.35	\$15,832.73	(\$10,832.73)	\$0.00	(\$10,832.73)	-216.65%
1000.20.2620.701.5737	Equipment Replacement Maint DM	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$1,178.20	\$3,821.80	76.44%
1000.30.2620.701.5737	Equipment Replace Maint DHS	\$5,000.00	\$0.00	\$3,040.42	\$1,959.58	\$0.00	\$1,959.58	39.19%
	Object: Equipment - Non-Instruct Replacemt - 5737	\$20,000.00	\$11,626.35	\$18,873.15	\$1,126.85	\$4,065.20	(\$2,938.35)	-14.69%
	Grand Total:	\$1,241,885.08	\$94,778.49	\$1,174,511.95	\$67,373.13	\$214,747.86	(\$147,374.73)	-11.87%

End of Report

Derby Public Schools

Facility Expenditure Report by Location

From Date: 5/1/2025

To Date: 5/31/2025

Fiscal Year: 2024-2025

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Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
1000.11.2600.701.5411	Water Bradley	\$2,716.99	\$211.13	\$2,176.26	\$540.73	\$2,838.74	(\$2,298.01)	-84.58%
1000.11.2610.701.5430	Contracted Services Maint Brad	\$14,000.00	\$0.00	\$13,580.24	\$419.76	\$0.00	\$419.76	3.00%
1000.11.2610.701.5608	Supplies Maintenance Bradley	\$8,000.00	\$0.00	\$4,634.20	\$3,365.80	\$3,101.33	\$264.47	3.31%
1000.11.2610.701.5621	Natural Gas Bradley	\$30,361.91	\$1,285.95	\$14,141.59	\$16,220.32	\$3,858.41	\$12,361.91	40.72%
1000.11.2610.701.5622	Electricity Bradley	\$45,000.00	\$5,741.14	\$56,356.72	(\$11,356.72)	\$29,712.73	(\$41,069.45)	-91.27%
1000.11.2620.701.5430	Repairs Maint of Bldg Bradley	\$27,273.85	\$169.30	\$11,253.73	\$16,020.12	\$0.00	\$16,020.12	58.74%
1000.11.2620.701.5737	Equipment Replace Maint Bradle	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$2,887.00	\$2,113.00	42.26%
	Location: Bradley Elementary School - 11	\$132,352.75	\$7,407.52	\$102,142.74	\$30,210.01	\$42,398.21	(\$12,188.20)	-9.21%
1000.12.2600.701.5411	Water Irving	\$4,644.26	\$58.26	\$2,433.82	\$2,210.44	\$2,581.18	(\$370.74)	-7.98%
1000.12.2610.701.5430	Contracted Services Maint Irvi	\$15,000.00	\$120.00	\$15,201.62	(\$201.62)	\$120.00	(\$321.62)	-2.14%
1000.12.2610.701.5442	Equipment Lease/Rental Maint I	\$2,000.00	\$0.00	\$0.00	\$2,000.00	\$0.00	\$2,000.00	100.00%
1000.12.2610.701.5608	Supplies Maintenance Irving	\$7,000.00	\$0.00	\$4,148.75	\$2,851.25	\$3,422.76	(\$571.51)	-8.16%
1000.12.2610.701.5621	Natural Gas Irving	\$57,963.64	\$1,700.88	\$36,762.25	\$21,201.39	\$5,237.75	\$15,963.64	27.54%
1000.12.2610.701.5622	Electricity Irving	\$49,000.00	\$6,318.50	\$72,219.84	(\$23,219.84)	\$0.00	(\$23,219.84)	-47.39%
1000.12.2620.701.5430	Repairs Maint of Bldg Irving	\$25,000.00	\$0.00	\$24,629.70	\$370.30	\$0.00	\$370.30	1.48%
1000.12.2620.701.5608	Supplies Custodial Irving	\$3,000.00	\$0.00	\$3,522.63	(\$522.63)	\$0.00	(\$522.63)	-17.42%
1000.12.2620.701.5737	Equipment Replace Maint Irving	\$5,000.00	\$11,626.35	\$15,832.73	(\$10,832.73)	\$0.00	(\$10,832.73)	-216.65%
1000.12.2622.701.5430	Renovations and Repairs Irving	\$5,000.00	\$4,996.97	\$4,996.97	\$3.03	\$0.00	\$3.03	0.06%
	Location: Irving Elementary School - 12	\$173,607.90	\$24,820.96	\$179,748.31	(\$6,140.41)	\$11,361.69	(\$17,502.10)	-10.08%
1000.20.2600.701.5411	Water DMS	\$5,799.25	\$381.04	\$3,692.33	\$2,106.92	\$3,222.67	(\$1,115.75)	-19.24%
1000.20.2610.701.5422	Contracted Services Maint DMS	\$125,663.44	\$5,945.91	\$81,461.48	\$44,201.96	\$4,807.91	\$39,394.05	31.35%
1000.20.2610.701.5442	Equipment Lease/Rental Maint D	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$5,000.00	100.00%
1000.20.2610.701.5608	Supplies Maintenance DMS	\$12,579.63	\$0.00	\$7,181.43	\$5,398.20	\$7,437.99	(\$2,039.79)	-16.22%
1000.20.2610.701.5621	Natural Gas DMS	\$140,768.84	\$2,021.83	\$54,974.57	\$85,794.27	\$12,025.43	\$73,768.84	52.40%
1000.20.2610.701.5622	Electricity DMS	\$125,000.00	\$10,511.75	\$115,866.03	\$9,133.97	\$84,133.97	(\$75,000.00)	-60.00%
1000.20.2620.701.5430	Repairs Maint of Bldg DMS	\$32,573.71	\$0.00	\$3,076.69	\$29,497.02	\$505.30	\$28,991.72	89.00%
1000.20.2620.701.5737	Equipment Replacement Maint DM	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$1,178.20	\$3,821.80	76.44%
	Location: Derby Middle Schools - 20	\$452,384.87	\$18,860.53	\$266,252.53	\$186,132.34	\$113,311.47	\$72,820.87	16.10%
1000.30.2600.701.5411	Water DHS	\$2,558.31	\$68.64	\$2,820.49	(\$262.18)	\$8,979.51	(\$9,241.69)	-361.24%
1000.30.2610.701.5422	Contracted Services Maint DHS	\$39,041.07	\$846.00	\$36,949.27	\$2,091.80	\$159.00	\$1,932.80	4.95%
1000.30.2610.701.5608	Supplies Maintenance DHS	\$20,830.77	\$0.00	\$17,669.32	\$3,161.45	\$3,161.45	\$0.00	0.00%
1000.30.2610.701.5621	Natural Gas DHS	\$46,922.95	\$731.75	\$14,061.30	\$32,861.65	\$13,938.70	\$18,922.95	40.33%
1000.30.2610.701.5622	Electricity DHS	\$190,000.00	\$36,263.45	\$408,419.44	(\$218,419.44)	\$0.00	(\$218,419.44)	-114.96%
1000.30.2620.701.5430	Repairs Maint of Bldg DHS	\$30,000.00	\$0.00	\$11,144.11	\$18,855.89	\$0.00	\$18,855.89	62.85%
1000.30.2620.701.5737	Equipment Replace Maint DHS	\$5,000.00	\$0.00	\$3,040.42	\$1,959.58	\$0.00	\$1,959.58	39.19%
	Location: Derby High School - 30	\$334,353.10	\$37,909.84	\$494,104.35	(\$159,751.25)	\$26,238.66	(\$185,989.91)	-55.63%
1000.40.2600.701.5411	Water CO	\$0.00	\$144.09	\$1,188.91	(\$1,188.91)	\$1,211.09	(\$2,400.00)	0.00%
1000.40.2610.701.5430	Contracted Services Maint CO	\$10,000.00	\$4,025.85	\$6,524.02	\$3,475.98	\$3,226.70	\$249.28	2.49%
1000.40.2610.701.5608	Supplies Maint CO	\$1,386.46	\$0.00	\$1,030.07	\$356.39	\$356.39	\$0.00	0.00%
1000.40.2610.701.5621	Natural Gas CO	\$13,000.00	\$0.00	\$16,646.64	(\$3,646.64)	\$3,353.36	(\$7,000.00)	-53.85%
1000.40.2620.701.5430	Repairs Maint of Bldg CO	\$4,000.00	\$0.00	\$1,775.02	\$2,224.98	\$458.61	\$1,766.37	44.16%
1000.40.2620.701.5608	Supplies Custodial CO	\$500.00	\$0.00	\$423.97	\$76.03	\$484.78	(\$408.75)	-81.75%
1000.40.2622.701.5430	Renovations & Repairs CO	\$4,000.00	\$0.00	\$0.00	\$4,000.00	\$0.00	\$4,000.00	100.00%
	Location: Central Office - 40	\$32,886.46	\$4,169.94	\$27,588.63	\$5,297.83	\$9,090.93	(\$3,793.10)	-11.53%
1000.61.2610.701.5608	Supplies Maint Systemwide	\$51,500.00	\$1,609.70	\$39,887.19	\$11,612.81	\$11,816.67	(\$203.86)	-0.40%
1000.61.2620.701.5608	Supplies Custodial Systemwide	\$61,800.00	\$0.00	\$62,283.20	(\$483.20)	\$35.23	(\$518.43)	-0.84%

Derby Public Schools

Facility Expenditure Report by Location

From Date: 5/1/2025

To Date: 5/31/2025

Fiscal Year: 2024-2025

- Subtotal by Collapse Mask
 Include pre encumbrance
 Print accounts with zero balance
 Filter Encumbrance Detail by Date Range
 Exclude Inactive Accounts with zero balance

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
1000.61.2660.712.5357	Security Enhancements Systemwi	\$3,000.00	\$0.00	\$2,505.00	\$495.00	\$495.00	\$0.00	0.00%
	Location: Systemwide Services - 61	\$116,300.00	\$1,609.70	\$104,675.39	\$11,624.61	\$12,346.90	(\$722.29)	-0.62%
Grand Total:		\$1,241,885.08	\$94,778.49	\$1,174,511.95	\$67,373.13	\$214,747.86	(\$147,374.73)	-11.87%

End of Report

account	AccountDescription	Budget	AccountYTD
10006126607125357	Security Enhancements Systemwide	3,000.00	2,505.00
10001126007015411	Water Bradley	2,716.99	2,176.26
10001226007015411	Water Irving	4,644.26	2,433.82
10002026007015411	Water DMS	5,799.25	3,692.33
10003026007015411	Water DHS	2,558.31	2,820.49
10004026007015411	Water CO	-	1,188.91
10002026107015422	Contracted Services Maint DMS	125,663.44	81,461.48
10003026107015422	Contracted Services Maint DHS	39,041.07	36,949.27
10001126107015430	Contracted Services Maint Bradley	14,000.00	13,580.24
10001126207015430	Repairs Maint of Bldg Bradley	27,273.85	11,253.73
10001226107015430	Contracted Services Maint Irving	15,000.00	15,201.62
10001226207015430	Repairs Maint of Bldg Irving	25,000.00	24,629.70
10001226227015430	Renovations and Repairs Irving	5,000.00	4,996.97
10002026207015430	Repairs Maint of Bldg DMS	32,573.71	3,076.69
10003026207015430	Repairs Maint of Bldg DHS	30,000.00	11,144.11
10004026107015430	Contracted Services Maint CO	10,000.00	6,524.02
10004026207015430	Repairs Maint of Bldg CO	4,000.00	1,775.02
10004026227015430	Renovations & Repairs CO	4,000.00	-
10001226107015442	Equipment Lease/Rental Maint Irving	2,000.00	-
10002026107015442	Equipment Lease/Rental Maint DMS	5,000.00	-
10001126107015608	Supplies Maintenance Bradley	8,000.00	4,634.20
10001226107015608	Supplies Maintenance Irving	7,000.00	4,148.75
10001226207015608	Supplies Custodial Irving	3,000.00	3,522.63
10002026107015608	Supplies Maintenance DMS	12,579.63	7,181.43
10003026107015608	Supplies Maintenance DHS	20,830.77	17,669.32
10004026107015608	Supplies Maint CO	1,386.46	1,030.07
10004026207015608	Supplies Custodial CO	500.00	423.97
10006126107015608	Supplies Maint Systemwide	51,500.00	39,887.19
10006126207015608	Supplies Custodial Systemwide	61,800.00	62,283.20
10001126107015621	Natural Gas Bradley	30,361.91	14,141.59
10001226107015621	Natural Gas Irving	57,963.64	36,762.25
10002026107015621	Natural Gas DMS	140,768.84	54,974.57
10003026107015621	Natural Gas DHS	46,922.95	14,061.30
10004026107015621	Natural Gas CO	13,000.00	16,646.64
10001126107015622	Electricity Bradley	45,000.00	56,356.72
10001226107015622	Electricity Irving	49,000.00	72,219.84
10002026107015622	Electricity DMS	125,000.00	115,866.03
10003026107015622	Electricity DHS	190,000.00	408,419.44
10001126207015737	Equipment Replace Maint Bradley	5,000.00	-
10001226207015737	Equipment Replace Maint Irving	5,000.00	15,832.73
10002026207015737	Equipment Replacement Maint DMS	5,000.00	-
10003026207015737	Equipment Replace Maint DHS	5,000.00	3,040.42
		1,241,885.08	1,174,511.95

Balance	Encumbrance	Adjustments	BudgetBal	
495.00	495.00		-	
540.73	2,838.74	500.00	40.73	
2,210.44	2,581.18	500.00	1,710.44	
2,106.92	3,222.67	800.00	1,306.92	
(262.18)	8,979.51	800.00	(1,062.18)	
(1,188.91)	1,211.09	800.00	(1,988.91)	
44,201.96	4,807.91		39,394.05	
2,091.80	159.00		1,932.80	
419.76	-		419.76	
16,020.12	-		16,020.12	
(201.62)	120.00		(321.62)	
370.30	-		370.30	
3.03	-		3.03	
29,497.02	505.30		28,991.72	
18,855.89	-		18,855.89	
3,475.98	3,226.70		249.28	
2,224.98	458.61		1,766.37	
4,000.00	-		4,000.00	
2,000.00	-		2,000.00	
5,000.00	-		5,000.00	
3,365.80	3,101.33		264.47	
2,851.25	3,422.76		(571.51)	
(522.63)	-		(522.63)	
5,398.20	7,437.99		(2,039.79)	
3,161.45	3,161.45		-	
356.39	356.39		-	
76.03	484.78		(408.75)	
11,612.81	11,816.67		(203.86)	
(483.20)	35.23		(518.43)	
16,220.32	3,858.41	2,000.00	18,220.32	
21,201.39	5,237.75		21,201.39	
85,794.27	12,025.43	1,500.00	87,294.27	
32,861.65	13,938.70	3,000.00	35,861.65	
(3,646.64)	3,353.36	700.00	(2,946.64)	
(11,356.72)	29,712.73	10,400.00	(21,756.72)	
(23,219.84)	-	(12,000.00)	(35,219.84)	
9,133.97	84,133.97	22,000.00	(12,866.03)	
(218,419.44)	-	(30,000.00)	(248,419.44)	
5,000.00	2,887.00		2,113.00	
(10,832.73)	-		(10,832.73)	Water Heater
5,000.00	1,178.20		3,821.80	
1,959.58	-		1,959.58	
67,373.13	214,747.86	1,000.00	(46,881.19)	

U.S. Department of Justice - Community Oriented Police Services:

“School Violence Prevention Program (SVPP)”

School Violence Prevention Program (SVPP) - The U.S. Department of Justice COPS Office provides funding for school safety through the [School Violence Prevention Program](#). This is a competitive grant program that provides funding directly to states, units of local government, Indian tribes, and public K-12 school districts, to be used to improve safety and security at schools and on school grounds. This program was developed, after the Parkland Florida school shooting at Stoneman Douglas High School, to fill the gaps of school security and safety needs.

Quick facts:

- Public K-12 School Districts only (no private schools or higher Ed)
 - Charter Schools may be a sub-grantee of a municipality or police department
- This grant should be considered as target hardening
- SVPP - Allowable Costs - [Source document](#)
- The grant is typically released for application in March with a 60 day application period
- Maximum Federal award is \$500,000. There is a 75/25 percent match. Example - if the project was about \$670,000 total, the grant award would be \$500,000 with a local match of \$170,000 (25% plus the award that is capped at \$500,000)
- A partnership is required between law enforcement and schools with a memorandum of understanding or contract
- How to apply: required [SAM](#), [Grants.gov](#) account, and a US DOJ [Justgrants Portal](#)

Preference is given to clients in:

- Enhanced Public Safety in Qualified Opportunity Zones
- High-Poverty Areas or Persistent-Poverty Counties
- Rurality

For grant writing assistance - contact John Heiderscheidt. What our team will do:

- Complete, verify, update all required Federal grant/contract application requirements and the COPS SVPP grant application/narratives/assurances
- Complete all submissions in the grant site portal, Grants.gov SF424 form, account management on behalf of the school district, assist with all letters of support, develop all narratives, and your security project integration with grant requirements
- All grant documents, narrative, login, and passwords will remain property of the client. In case this application is not funded, the client can use the materials for the next year or any other grant application needed.
- Flat fee

COPS - School Violence Prevention Program (SVPP)

Summary - The United States Department of Justice ([US DOJ](#)), Office of Community Oriented Policing Services ([COPS](#)) provides funding for public K-12 school safety through the School Violence Prevention Program Grant. This grant program was designed to help fill the gaps in school safety and security. It was developed after the Parkland Florida [school massacre](#), at Stoneman Douglas HS.

Types of Projects -The following are only examples of projects that have been successful in past grant awards. This tiered approach should drive the conversation of next steps. All school districts will be in different places in their needs for security and safety solutions. This approach is our recommendation of best practice based on our research and experience on how school districts may proceed with their safety and security priorities.

Resources:

- Allowable Projects - Past grant approved safety measures can be found at this [link](#).
- Map - See if a school district in your area received a SVPP grant at this [link](#).
- Need help getting started, please contact [Grant Specialties](#), john@grantspecialties.com

Tier 1- These are the tools and systems most likely to prevent school violence. If you are starting from scratch, start with these:

- **Mass communication emergency notification system**
 - That broadcasts a message to the entire interior and exterior of the building, while communicating with police, administration...
- **Communication linking Systems for Schools/Police/Fire**
 - Integrated communication mutual linking systems that activate during emergencies sharing communication, documents, photos, videos, with all needed within seconds.
- **Electronic Access Control**
 - Entry control equipment, with limited access points that are integrated with the mass communication system requiring FOB access and lockable if panic button activated.
- **Two-Way Radios with Repeaters**
 - School and District wide FCC licensed two-way radio communication...
- **Panic Buttons - Front Office Silent Alarms**
 - These buttons serve as a silent alarm notification to police, administration, and ...
- **Bullet Resistant Window Film**
 - Install bullet resistant film to be installed at entrance points...

Tier 2 - Once you have some/all Tier 1 systems in place, begin working through Tier 2. These are the next tier defenses against school violence, many of which are useless without Tier 1:

- **Interior Door Locks - Lockdown Locks**
 - Provide standard door hardware and universal key for the interior ability to lockdown from the inside of the room without opening the door...
- **Metal Detectors**
 - Single or high volume pass through metal detectors, or handheld devices...
- **Visitor Management System at all sites**
 - District wide visitor management that provides for system alerts, allows for local warnings on potential visitors, and checks visitors against sex offender registration.
- **Pull Station Alarms for Run, Hide, Fight (commonly referred to as Lockdown)**
 - Install pull stations around all schools for the purpose of emergency notification, activation in the event of an active threat...
- **Aggressive or Distress Noise Sensors**
 - Noise decibel sensors that activate an alarm to school administrators/SRO of aggressive noise detection (screams, fights, damage, vape drug use, gunshots) systems.
- **Video Surveillance Systems**
 - The camera system provides smart building technologies that communicate with building notifications systems and visitor management systems...
- **Analytic Intelligence (AI) Monitoring of Camera Systems**
 - AI that will monitor current camera systems that identify possible weapons or motion and historically for forensic investigations (color of clothing). No AI for facial recognition or license plate reading capability due to DOJ grant rules.

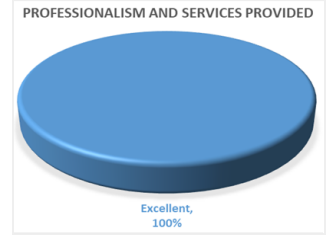
Tier 3 - These round out your school safety infrastructure. If you have Tier 1 and Tier 2 in place, start adding these tools. We do not recommend violence prediction software before you have a way to lock your doors and communicate effectively with teachers, staff, and law enforcement:

- **Mirrors - Ceiling and Corner, Supervisor and Run, Hide, Fight**
 - Mirrors will act as a force multiplier for staff supervision of students in hallways and provide view, at a distance, around a corner or into an otherwise hidden line of sight area for run, hide fight, safer escape routes...
- **Motion Sensor Security Lights - Exterior Night Security**
 - Lighting on school grounds, exterior motion detector security lights to reduce vandalism and other unwanted night time activities...
- **Violence Prediction Technology**
 - Including data driven software

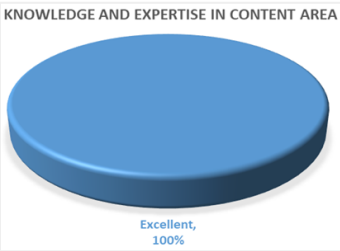


REFERRALS & REVIEWS

2022 - John Young (Chief Administration and Operations Officer), Lincoln Parish Schools, LA - “Grant Specialties was extremely knowledgeable about the SVPP grant and a pleasure to work with. Our time was protected, and they were very efficient in getting everything submitted for us.”

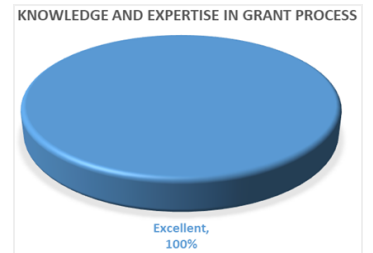


2022 - Bryan Starr (Superintendent), Harrisburg School District, OR - “Grant Specialties services did an outstanding job throughout the process. They respected our time and kept their weekly meetings to 30 minutes as much as possible. John is very organized and very professional in his approach to the work.”



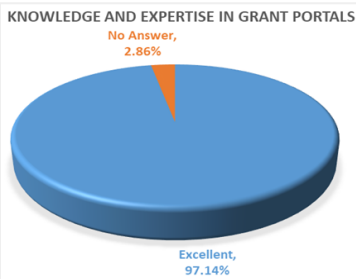
2022 - Dan Turner (Executive Director of Operations), Chickasha Public Schools, OK - “It was a pleasure working with John through this process. He is well-versed in this field and knows what he is talking about. I learned a lot from John while traversing through the process.”

2023 - Misti Pali-Oriol (Federal Grants), Hawaii Dept. of Education - “John was great from the start. The initial meeting set the tone for the entire application process, which was new for us. John made the process manageable and painless.”



2023 - Bob Gold (Superintendent), Big Hollow School District, IL - “You did a great job facilitating this process for us. If I were to tackle this grant process on my own, we would not have been able to put together such a great application.”

2023 - Greg Shugrue (Head of School), The Gilbert School, CT - “John and his team made a very arduous task a very manageable one. Their level of attention to detail, support, expertise, and patience allowed us to get through the process and hopefully qualify for a grant that we would not have otherwise.”

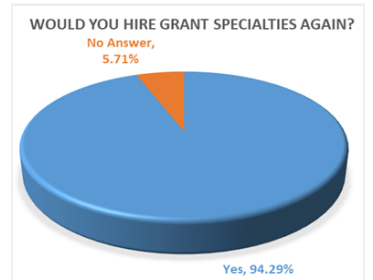


2023 - Danny Pittman (Assistant Superintendent), Anadarko Public Schools, OK - “Your application for us is more competitive than what I could have produced. I hope to be applying a second time for a second grant with you.”

2023 - Susan Lindsey (Technology Coordinator), Safford Unified School District, AZ - “I have never worked with a more professional, more prepared vendor in my life. You did what you said you were going to do, by when you said you would do it--EVERY TIME. You kept us all on task without making us feel harassed or pressured. You were amazing at keeping meetings focused, task-driven, and within the timeframe. There is seriously not a single thing I can recommend you do

differently. ...the stress you took off from me. Thank you for everything. I would like to use you for other grants ..”

2023 - Jim Boswell (Director of Operations and Technology), Bremen High School District, IL - “John and the team have been responsive, and were able to help us apply with a strong application that I believe will lead to approval. I would give the entire experience an A.”



2023 - Cathay Danahy (Superintendent), River Edge Borough School District, NJ - “Thank you for an excellent and easy experience!”

2023 - Todd Bedenbaugh (Director of Child Nutrition & School Security), Lexington County School District, SC - “Excellent customer service and great knowledge of the grant process.”

2023 - Carmen Wilson (Director of Technology), Crawford County School District, GA - “Thanks for being flexible and honest and staying on task.”

Grant Specialties

Office 630-837-9013, Mobile 847-975-2860, Email: john@grantspecialties.com, Grantspecialties.com



Grant Specialties, LLC, Established 2021

Grant writing services specializes in school safety, police officer hiring, equipment, and technology grants, with the capacity and expertise to ensure clients meet all the necessary requirements in the Federal and State grants. Our writers have over 25 years combined experience. Our services include grant requirements research, development, writing, project narrative, budget narrative, letters of support, MOU templates, all document development required, and grant portal management. This includes all questions and preparation documents needed to submit a competitive grant application including a spreadsheet of all questions, guidance documents, and templates. Grant Specialties will provide all narratives, data requests, and interviews of community officials needed for the grant application. Letters of Support templates, MOU templates, and other documents prepared for all submission requirements in the manner prescribed by the grantor agency. Grants Specialties will do everything possible to limit the time of school district staff required to complete the best application. Grant Specialties works with the client to write each proposal individually, based on the needs identified, assessments, community situation, through personnel interviews and client agency data research

The lead grant writer is John J. Heiderscheidt, M.A. - School Safety Specialist, Grant Writer

Building personnel capacity in safety and security practices that improve the quality of life for those we serve is the focus. John currently serves as a school safety specialist for the DuPage County Regional Office of Education. John holds a Western Illinois University MA in Law Enforcement and Justice Administration, a North Central College BA in Psychology, and a certificate in Juvenile Justice from the University of Southern California's Delinquency Control Institute. Previously, John served as a master instructor for the Crisis Prevention Institute, and the Director of School Safety and Culture for the second largest school district in Illinois overseeing safety, emergency management, 14 SROs, and student discipline for nearly 40,000 students and 5000 staff located in 10 municipalities. During his 15 years he secured \$ 3.1 million dollars in funding for school safety, security, technology, and evidenced based staff training in de-escalation management. Before this he served 22 years as a police officer, school resource officer, and school safety coordinator before retiring from law enforcement 2006. John is the founding president of the Northern Illinois School Safety Administrators Association.



CONSULTATION CONTRACT

Grant Specialties, 1670 Edison Circle, Hanover Park, IL 60133

Date:

Client Name	Address	City
Derby Public Schools	35 Fifth St	Derby
County (Borough/Parish) and State	Zip-plus 4	Main Phone
New Haven, CT	06418	203-892-5627
School Contact Official (for contract and invoice)	Title	Email
Robert Trainor	Business Manager	rtrainor@derbyps.org
Superintendent Name	Title	Email
Dr. Matthew Conway	Superintendent	mconway@derbyps.org

Service Contract

Single Project Contract Description – USDOJ COPS SVPP Grant

Grant Specialties will provide the following: School Violence Prevention Program grant development, writing, budget proposal, letters of support, MOU templates and Grants.gov/JustGrants portal management for the U.S. Dept of Justice COPS School Violence Prevention program grant. This includes all questions and preparation documents needed to submit a competitive grant application including a spreadsheet of all questions, guidance documents and templates. The consultant, John Heiderscheidt, will provide all narratives, data requests, and interviews of community officials needed for the grant application. Letters of Support templates, MOU templates, and other documents prepared for all submission requirements in JustGrants, including the SF-424 form in Grants.gov.

The client must have SAM.GOV requirements up to date, and the EBIZ POC will need to participate in the grant portal completion in Grants.gov and JustGrants. We can assist with this process. Facilities and school personnel will be needed to provide required background information of the school district situation, current security implementation, culture and climate, threat assessment, and criminal information impacting the school district.

The school district agrees to meet via ZOOM/Google Meets, etc., meeting weekly for 30 minutes and providing the team members to complete all required data and narrative development information. Grants Specialties will do everything possible to limit the time of school district staff required to complete the best application.

Grant Specialties

Office 630-837-9013, Mobile 847-975-2860 Email: john@grantspecialties.com, Grantspecialties.com



CONSULTATION CONTRACT

Grant Specialties, 1670 Edison Circle, Hanover Park, IL 60133

Confidentiality - All property, documents, proposals, maps, pictures, reports, data, and electronically stored information (ESI), including, but not limited to, employee background info, student disciplinary records, and threat assessment documents, will be considered confidential information in nature and at all times remain the property of the client; therefore, reasonable measures shall be taken at all times to protect and not disclose, intentionally or negligently, such confidential information to third-parties in compliance with applicable state and federal law. All intellectual property developed during the grant writing process also remains the property of the client for future grant writing purposes. Grant Specialties will never share confidential information with any person or entity outside of the client and its authorized agents.

Contract period:

Upon execution of this agreement until the COPS SVPP is submitted - TBD

Cost: \$6,000

Payments:

Payments will be requested after the grant is released. Released for application on TBD.

Invoice will not be sent until grant is formally released.

\$ 1,000 will be invoiced after the grant is released - date TBD.

\$ 5,000 will be invoiced upon grant submission - date TBD.

Payments on all financial commitments will be received within 60 days of invoice (the invoice for payment in full will be sent when the grant is released for application by US DOJ COPS). In the event that there is a breach of this agreement, or payment is not made in a timely manner and collection actions are necessary, Grant Specialties will be entitled to recover all costs of litigation, including attorneys' fees and court costs. Venue shall be Dupage County, Illinois and the laws of the State of Illinois shall apply, regardless of conflict of laws.

This Contract was executed this _____ **day of** _____, _____
(day) (month) (year)

Grant Specialties, LLC **Client**

Signature: _____

Signature: _____

Susan C. Heiderscheidt, President
1670 Edison Circle
Hanover Park, IL 60133

Print Name: _____

Title: _____

Agency Name: _____

