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October 3, 2024

Crestwood School District  
27235 Joy Rd  
Dearborn Heights, MI 48127

RE: Crestwood School District - November 2024 Bond Proposal

The district's municipal advisor, PFM Financial Advisors LLC, has developed cash flows with the district's projected future taxable values, future bond payment resulting from the November 2024 bond proposal and resulting projected debt millage projections found within the district's "for informational purposes only" section of the ballot language.

These projections start with the district's current 2024 taxable value of slightly over \$1 billion, which has been sourced from the Wayne County Equalization Department (as attached as Attachment A). Given this starting taxable value, PFM then projects future taxable values based on PFM's reasonable future growth expectations, which are at or below the State of Michigan's School Bond Qualification and Loan program's requirements. To project the estimated annual bond payments needed to retire the proposed \$121 million in bonds, PFM, in conjunction with the district's administration and construction team, has structured the bond issuances over the next three years, each series to be amortized no longer than 30 years, at an estimated interest rate greater than the current market interest rate at the time the bond proposal application was submitted to the Department of Treasury.

Based on these high-level assumptions used to complete the debt millage cash flow projections found in the Michigan School Bond Qualified and Loan Program application, PFM has projected a first-year debt millage of 4.47 mills in levy year 2025 related to the November 2024 bond election, with a simple annual debt millage average of 5.32 mills over the expected life of the bonds. The projections can be found on page 9 of the bond proposal application (Attachment C).

While PFM cannot guarantee that the District will achieve such debt millage rates nor can we guarantee the district's future taxable values or the annual bond debt payments we have assumed, our modeling approach is consistent with our understanding of the bond market and property value growth assumptions, the parameters established by the State of Michigan School Bond and Qualified program, and PFM's experience as a municipal advisor to Michigan K-12 clients.

The Department of Treasury reviewed the bond proposal application, including the millage projections that inform the ballot language. The Department of Treasury then approved the Bond Proposal (along with our specific ballot language) for participation in the School Bond Qualification and Loan Program as seen in the letter attached (Attachment B).

2024 Millage Reduction Fraction Computation

Charter County of Wayne, Michigan

Local School Districts - Non-PRE Properties Only  
Applies to School Operating Millages Only

--- Renaissance Zone Parcels Excluded and MCL 211.7d Housing Parcels Excluded and Veteran Exemptions Excluded ---

| Code Number                    | Taxing Jurisdiction  | 2023 Taxable Value as of 5/22/2023 | 2024 Taxable Value of 5/28/2024 | Taxable Value of Losses | Taxable Value of Additions | 2024 Millage Reduction Fraction |
|--------------------------------|--|------------------------------------|---------------------------------|-------------------------|----------------------------|---------------------------------|
| <b>Local School Districts</b>  |  |                                    |                                 |                         |                            |                                 |
| 58020                          | Airport (Airport Community Schools)  | 11,786,920                         | 12,823,545                      | 58,721                  | 597,390                    | IC                              |
| 82023                          | Allen Park (Allen Park Public Schools)                                     | 105,107,995                        | 113,929,712                     | 273,224                 | 3,037,969                  | 0.9936                          |
| 63090                          | Clarenceville (Clarenceville School District)                              | 100,558,873                        | 106,053,763                     | 156,334                 | 326,929                    | IC                              |
| 82230                          | Crestwood (Crestwood School District)                                      | 238,096,847                        | 257,967,640                     | 457,653                 | 4,205,280                  | 0.9842                          |
| 82030                          | Dearborn (School District of the City of Dearborn)                         | 1,948,313,461                      | 1,944,080,435                   | 2,380,535               | 1,571,000                  | 1.0000                          |
| 82040                          | Dearborn Heights No. 7 (Dearborn Heights School District No. 7)            | 86,506,177                         | 94,258,127                      | 131,379                 | 1,076,321                  | 0.9742                          |
| 82010                          | Detroit (School District of the City of Detroit)                           | 5,374,111,813                      | 6,110,567,710                   | 24,993,365              | 339,468,654                | 0.9742                          |
| 82250                          | Ecorse (Ecorse Public Schools)   | 64,784,651                         | 71,367,244                      | 267,834                 | 3,196,655                  | 0.9947                          |
| 82180                          | Flat Rock (Flat Rock Community Schools)                                    | 87,818,021                         | 92,957,260                      | 308,098                 | 2,661,155                  | IC                              |
| 82050                          | Garden City (Garden City Public Schools)                                   | 193,402,434                        | 208,742,064                     | 458,116                 | 2,485,124                  | 0.9832                          |
| 82290                          | Gibraltar (Gibraltar School District)                                      | 196,848,420                        | 211,358,555                     | 626,414                 | 6,013,471                  | 1.0000                          |
| 82300                          | Grosse Ile (Grosse Ile Township Schools)                                   | 69,070,110                         | 74,306,343                      | 302,812                 | 1,863,500                  | 0.9977                          |
| 82055                          | Grosse Pointe (Grosse Pointe Public School System)                         | 553,964,410                        | 590,483,378                     | 2,184,508               | 9,958,945                  | 0.9990                          |
| 82060                          | Hamtramck (School District of the City of Hamtramck)                       | 141,399,985                        | 152,689,524                     | 1,129,479               | 5,986,690                  | 1.0000                          |
| 82320                          | Harper Woods (School District of the City of Harper Woods)                 | 65,453,817                         | 71,342,622                      | 78,803                  | 1,506,069                  | 0.9839                          |
| 82070                          | Highland Park (School District of the City of Highland Park)               | 97,823,136                         | 109,624,741                     | 347,562                 | 8,009,648                  | 1.0000                          |
| 82340                          | Huron (Huron School District)  | 189,402,152                        | 211,212,501                     | 528,923                 | 14,395,330                 | IC                              |
| 82080                          | Inkster (School District of the City of Inkster)                           | 50,409,025                         | 56,300,918                      | 65,892                  | 1,726,599                  | 0.9695                          |
| 81070                          | Lincoln Consolidated (Lincoln Consolidated Schools)                        | 126,755,725                        | 129,693,848                     | 171,237                 | 1,376,200                  | IC                              |
| 82090                          | Lincoln Park (School District of the City of Lincoln Park)                 | 298,821,700                        | 298,498,535                     | 5,300                   | 10,100                     | 1.0000                          |
| 82095                          | Livonia (Livonia Public Schools)   | 1,574,215,114                      | 1,683,304,484                   | 1,897,055               | 41,366,620                 | 1.0000                          |
| 82045                          | Melvindale-Northern Allen Park (Melvindale-Northern Allen Park Public Sch) | 296,876,237                        | 325,061,694                     | 223,600                 | 24,832,700                 | 1.0000                          |
| 82390                          | Northville (Northville Public Schools)                                     | 490,161,779                        | 535,699,345                     | 4,254,887               | 27,195,150                 | IC                              |
| 82100                          | Plymouth-Canton (Plymouth-Canton Community Schools)                        | 1,820,775,236                      | 1,937,905,661                   | 5,349,183               | 35,444,208                 | IC                              |
| 82110                          | Redford Union (Redford Union Schools)                                      | 174,803,177                        | 188,792,638                     | 521,030                 | 2,288,598                  | 0.9821                          |
| 82120                          | River Rouge (School District of the City of River Rouge)                   | 111,025,350                        | 108,563,764                     | 1,163,201               | 1,962,541                  | 1.0000                          |
| 82400                          | Riverview (Riverview Community School District)                            | 119,075,664                        | 140,052,801                     | 380,625                 | 17,311,605                 | 1.0000                          |
| 82130                          | Romulus (Romulus Community Schools)  | 668,245,054                        | 786,407,188                     | 776,481                 | 93,654,569                 | 1.0000                          |
| 82140                          | South Redford (South Redford School District)                              | 223,201,941                        | 240,029,418                     | 602,354                 | 7,643,647                  | 1.0000                          |
| 82405                          | Southgate (Southgate Community School District)                            | 310,221,990                        | 325,645,609                     | 2,663,188               | 2,428,883                  | 1.0000                          |
| 82150                          | Taylor (Taylor School District)  | 781,629,183                        | 838,883,579                     | 2,273,639               | 19,438,208                 | 0.9996                          |
| 82155                          | Trenton (Trenton Public Schools)   | 182,359,964                        | 192,810,356                     | 1,339,335               | 7,250,636                  | 1.0000                          |
| 82430                          | Van Buren (Van Buren Public Schools)                                       | 648,808,777                        | 715,482,350                     | 3,018,457               | 39,379,718                 | IC                              |
| 82160                          | Wayne-Westland (Wayne-Westland Community Schools)                          | 1,022,878,007                      | 1,100,806,961                   | 4,016,489               | 32,131,366                 | 1.0000                          |
| 82240                          | Westwood (Westwood Community School District)                              | 186,056,831                        | 194,403,105                     | 3,501,892               | 3,501,267                  | 1.0000                          |
| 82365                          | Woodhaven-Brownstown (Woodhaven-Brownstown School District)                | 431,610,107                        | 456,630,975                     | 1,055,333               | 8,392,690                  | 1.0000                          |
| 82170                          | Wyandotte (School District of the City of Wyandotte)                       | 225,126,775                        | 243,973,461                     | 521,529                 | 6,969,668                  | 0.9960                          |
| <b>Totals for Wayne County</b> |  | <b>19,267,506,858</b>              | <b>20,932,711,854</b>           | <b>68,484,467</b>       | <b>780,665,103</b>         |                                 |



STATE OF MICHIGAN  
DEPARTMENT OF TREASURY  
LANSING

GRETCHEN WHITMER  
GOVERNOR

RACHAEL EUBANKS  
STATE TREASURER

July 18, 2024

Dr. Youssef Mosallam, Superintendent  
Crestwood School District  
27235 Joy Road  
Dearborn Heights, MI 48127


Dear Dr. Mosallam:

In accordance with Act No. 92 of the Public Acts of 2005, I am hereby authorizing preliminary qualification of the district's bond issue as described in the application numbered SBL/82-230-4-K12-09-01 dated June 17, 2024 covering the attached ballot proposition.

Michigan Compiled Laws 211.24f, 380.1361 and 388.1928 require ballot propositions for new bonding proposals to include certain mandatory information. We encourage your district to also provide taxpayers in your school district with information about the school district's participation in the Michigan School Bond Qualification and Loan Program.

This preliminary qualification is hereby authorized for an election to be held on November 5, 2024. The authorization is based on the current interest maturity schedule included in the bond application.

Sincerely,

  
for Rachael Eubanks  
State Treasurer

Attachment

cc: Ian F. Koffler, Thrun Law Firm, P.C.

Dr. Youssef Mosallam, Superintendent  
Attachment  
July 18, 2024

## CRESTWOOD SCHOOL DISTRICT BOND PROPOSAL

Shall Crestwood School District, Wayne County, Michigan, borrow the sum of not to exceed One Hundred Twenty-One Million Dollars (\$121,000,000) and issue its general obligation unlimited tax bonds therefor, in one or more series, for the purpose of:

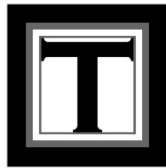
erecting, remodeling, and equipping and re-equipping school buildings and facilities, and additions to school buildings and facilities; furnishing and refurbishing school buildings and facilities; acquiring, installing, equipping and re-equipping school buildings for instructional technology; and preparing, developing, improving and equipping athletic fields, play fields, playgrounds, structures, facilities and sites?

The following is for informational purposes only:

The estimated millage that will be levied for the proposed bonds in 2025 is 4.47 mills (\$4.47 on each \$1,000 of taxable valuation). The maximum number of years the bonds of any series may be outstanding, exclusive of any refunding, is thirty (30) years. The estimated simple average annual millage anticipated to be required to retire this bond debt is 5.32 mills (\$5.32 on each \$1,000 of taxable valuation).

The school district does not expect to borrow from the State to pay debt service on the bonds. The total amount of qualified bonds currently outstanding is \$26,195,000. The total amount of qualified loans currently outstanding is \$0. The estimated computed millage rate may change based on changes in certain circumstances.

(Pursuant to State law, expenditure of bond proceeds must be audited and the proceeds cannot be used for repair or maintenance costs, teacher, administrator or employee salaries, or other operating expenses.)



# THRUN

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June 18, 2024

*Via Email: treassbqlp@michigan.gov*

Ms. Carol Densmore  
School Bond Qualification and Loan Program  
Austin Building, 1st Floor  
430 W. Allegan  
Lansing, MI 48922

Re: Request for Preliminary Qualification of Bonds for Crestwood School District, Wayne County, Michigan

Dear Ms. Densmore:

Enclosed please find the Application of Crestwood School District requesting the State Treasurer to issue preliminary qualification of its proposed bonding proposition in the amount of \$121,000,000.

Request is made that the preliminary qualification be provided to the school district on or before July 18, 2024. The Board of Education is hopeful of adopting the resolution calling the bond election on the following business day.

Very truly yours,

THRUN LAW FIRM, P.C.

By   
Ian F. Koffler

IFK/clb

Attachment

cc: Dr. Youssef Mosallam, Superintendent of Schools (w/attachment, via email)  
Penny Morgan, Chief Financial Officer (w/attachment, via email)  
Paul R. Stauder, PFM Financial Advisors LLC (w/attachment, via email)  
Dale Jerome, French Associates, Inc. (w/attachment, via email)

# Application for Preliminary Qualification of Bonds

## School Bond Qualification and Loan Program for

### Crestwood School District

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| Useful Life Calculation Worksheet . . . . . | Pg 9-Useful Life Worksheet |

\*Include building floor plans and cost estimates for each project.

**For additional information about the School Bond Qualification and Loan Program, visit:**

Michigan Department of Treasury  
Bureau of State and Authority Finance  
School Bond Qualification and Loan Program  
517-335-0994  
[www.michigan.gov/sblf](http://www.michigan.gov/sblf)

# Application for Preliminary Qualification of Bonds

Issued under authority of Public Act 92 of 2005, as amended

**Election Date**  
**November 5, 2024**

**Application No.**  
**82-230-4-K12-09-01**

**District Name and Address**  
 Crestwood School District  
 27235 Joy Road  
 Dearborn Heights, MI 48127

**School District Code and Phone No.**  
 82-230  
 313-278-0903

**Superintendent Name and Email**  
**Dr. Youssef Mosallam**  
 ymosallam@csdmi.org

**Superintendent Phone No.**  
**313-278-0906**  
**Superintendent FAX No.**  
**313-470-4246**

**Mailing Instructions**

Return ONE originally signed copy to your bond counsel by OVERNIGHT MAIL.  
 Retain ONE originally signed copy for your files.

Your bond counsel will transmit an electronic copy to the Department of Treasury,  
 financial consultant, architectural firm, and construction management firm.


**Certificate**

I, the undersigned, Secretary of the Board of Education, do certify hereby that the Board of Education of this School District, at a **Regular** meeting of the Board, which was conducted and for which public notice of said meeting was given pursuant to and in full compliance with Act 276 of the Public Acts of 1976 (Open Meetings Act), on this

**Monday, June 17, 2024** took the following action:

- (1) Resolved to apply for preliminary qualification of bonds by the State Treasurer for the purpose of financing the school construction description in this application.
- (2) That said application is presented to the State Treasurer for action prior to the official action of the Board of Education calling the election on said bond issue.
- (3) Resolved that this Board of Education will present a final qualification application to the State Treasurer for qualification of their bonds after this bond issue has been approved by the electors of said district.
- (4) Read this application and approved all statements and representations contained herein as true to the best knowledge and belief of the Board.
- (5) Authorized the Secretary of the Board of Education to sign this Preliminary Application and submit same to the State Treasurer for review and approval.

**IN WITNESS whereof, I have hereunto set my hand this      Monday, June 17, 2024**

|   |  |
|---|--|
| Bill Amen<br>Secretary, Board of Education                  | <br>Signature of Secretary |
| Najah Jannoun<br>Treasurer, Board of Education              | Dr. Youssef Mosallam<br>Superintendent of Schools  |
| Thrun Law Firm, P.C.<br>Bond Counsel                        | P.O. Box 2575, East Lansing, MI 48826-2575<br>Mailing Address  |
| PFM Financial Advisors<br>Financial Consultant              | 555 Briarwood Circle, Suite 333, Ann Arbor, MI 48108<br>Mailing Address  |
| French Associates, Inc.<br>Architectural Firm               | 2851 High Meadow Circle, Suite 100, Auburn Hills, MI 48326<br>Mailing Address                                  |
| Axiom Construction Services<br>Construction Management Firm | 7789 E M-36, Whitmore Lake, MI 48189<br>Mailing Address  |

CRESTWOOD SCHOOL DISTRICT  
BOND PROPOSAL

Shall Crestwood School District, Wayne County, Michigan, borrow the sum of not to exceed One Hundred Twenty-One Million Dollars (\$121,000,000) and issue its general obligation unlimited tax bonds therefor, in one or more series, for the purpose of:

erecting, remodeling, and equipping and re-equipping school buildings and facilities, and additions to school buildings and facilities; furnishing and refurbishing school buildings and facilities; acquiring, installing, equipping and re-equipping school buildings for instructional technology; and preparing, developing, improving and equipping athletic fields, play fields, playgrounds, structures, facilities and sites?

The following is for informational purposes only:

The estimated millage that will be levied for the proposed bonds in 2025 is 4.47 mills (\$4.47 on each \$1,000 of taxable valuation). The maximum number of years the bonds of any series may be outstanding, exclusive of any refunding, is thirty (30) years. The estimated simple average annual millage anticipated to be required to retire this bond debt is 5.32 mills (\$5.32 on each \$1,000 of taxable valuation).

The school district does not expect to borrow from the State to pay debt service on the bonds. The total amount of qualified bonds currently outstanding is \$26,195,000. The total amount of qualified loans currently outstanding is \$0. The estimated computed millage rate may change based on changes in certain circumstances.

(Pursuant to State law, expenditure of bond proceeds must be audited and the proceeds cannot be used for repair or maintenance costs, teacher, administrator or employee salaries, or other operating expenses.)

**Financial Summary**

**CRESTWOOD SCHOOL DISTRICT**

Financial information provided as of: 6/12/2024

**A. Existing Bond Debt: List each outstanding debt issue separately in chronological order by issue date.**

| Original Bond Issue |              |              | Current Outstanding Principal Balance |                       |                    |                     | Outstanding Principal Balance as of Election Date |               |                    |                     | Millage              |                        |
|---------------------|--------------|--------------|---------------------------------------|-----------------------|--------------------|---------------------|---|---------------|--------------------|---------------------|----------------------|------------------------|
| Issue Date          | Purpose      | Issue Amount | Current Qualified                     | Current Non-Qualified | Current Non-Voted  | Current Total       | Qualified   | Non-Qualified | Non-Voted          | Election Date Total | Levied This Tax Year | Estimate Next Tax Year |
| 6/9/2016            | Building and | \$34,520,000 | \$26,195,000                          |                       |                    | <b>\$26,195,000</b> | \$26,195,000                                      |               |                    | <b>\$26,195,000</b> | 2.0801               | 2.08                   |
| 2/22/2021           | Refunding    | 1,970,000    |                                       |                       | 1,415,000          | <b>1,415,000</b>    |   |               | 1,415,000          | <b>1,415,000</b>    |                      |                        |
| 5/5/2021            | Energy       | 2,575,000    |                                       |                       | 2,360,000          | <b>2,360,000</b>    |   |               | 2,360,000          | <b>2,360,000</b>    |                      |                        |
|                     |              |              |                                       |                       |                    | <b>0</b>            |   |               |                    | <b>0</b>            |                      |                        |
|                     |              |              |                                       |                       |                    | <b>0</b>            |   |               |                    | <b>0</b>            |                      |                        |
|                     |              |              |                                       |                       |                    | <b>0</b>            |   |               |                    | <b>0</b>            |                      |                        |
| <b>Total</b>        |              |              | <b>\$26,195,000</b>                   | <b>\$0</b>            | <b>\$3,775,000</b> | <b>\$29,970,000</b> | <b>\$26,195,000</b>                               | <b>\$0</b>    | <b>\$3,775,000</b> | <b>\$29,970,000</b> | <b>2.0801</b>        | <b>2.08</b>            |

Have proceeds of all existing bonds been spent? Yes (If No, provide status of unspent/unaudited bonds)

**B. Proposed Bond Issue: List each ballot proposal separately.**

| Proposal              | Amount               | Bond Term | Avg Int Rate | Bond Interest        | SLRF Interest | Total Interest       | Avg Millage | Millage Year 1 |
|-----------------------|----------------------|-----------|--------------|----------------------|---------------|----------------------|-------------|----------------|
| Proposal 1            | \$121,000,000        | 30 years  | 4.85%        | \$124,717,192        | N/A           | <b>\$124,717,192</b> | 5.32        | 4.47           |
| Proposal 2            |                      |           |              |                      |               |                      |             |                |
| Proposal 3            |                      |           |              |                      |               |                      |             |                |
| Proposal 4            |                      |           |              |                      |               |                      |             |                |
| <b>Combined Issue</b> | <b>\$121,000,000</b> |           |              | <b>\$124,717,192</b> | <b>n/a</b>    | <b>\$124,717,192</b> | <b>5.32</b> | <b>4.47</b>    |

(Totals may not foot due to differences in the financial structure of individual proposals and a combined bond issue.)

**C. School Bond Loan Participation**

| School Bond Loan Fund                    |  |                     |                         |                              | Millage                  |  |  | Est Amt to be Borrowed               |                                       |                                      |                                       |
|--|--|---------------------|-------------------------|------------------------------|--------------------------|--|--|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| Mandatory Final SBLF Loan Repayment Date | Estimated SBLF Balance as of Election Date | SBLF Beginning Date | Projected SBLF End Date | Estimated SBLF Interest Rate | Initial Computed Millage | Estimated Duration of Computed Millage | Maximum Millage without SBLF Participation | Existing Bonds Amount to be borrowed | Existing Bonds Interest to be accrued | Proposed Bonds Amount to be borrowed | Proposed Bonds Interest to be accrued |
| N/A                                      | \$0  | N/A                 | N/A                     | N/A                          | 6.55                     | N/A                                    | N/A  | N/A                                  | N/A                                   | N/A                                  | N/A                                   |

**D. Property Tax Assumptions**

| Current  |                 | Growth Rate          |                       |                            |                         | Property Taxes Levied |        | Pending                          |
|----------|-----------------|----------------------|-----------------------|----------------------------|-------------------------|-----------------------|--------|----------------------------------|
| Tax Year | Taxable Value   | Prior 5 Year Average | Prior 20 Year Average | Projected Rate Years 1 - 5 | Projected Rate Years 6+ | Winter                | Summer | Material Tax Appeals in District |
| 2024     | \$1,002,586,468 | 6.24%                | 1.59%                 | 3.50%                      | 1.59%                   | 50.00%                | 50.00% | No                               |

(If district is aware of any event or circumstance that could significantly affect its future, disclosure must be included.)

**E. Key Financial Measures**

| 1st Year Millage Increase | Total Debt to Taxable Value | Weighted Average Maturity of Bonds | 120% of Average Useful Life of Assets | Current & Proposed Bond Debt plus SBLF Debt | Total Loans do not exceed 25% of the Taxable Value |
|---------------------------|-----------------------------|------------------------------------|---------------------------------------|---|--|
| 4.47                      | 15.06%                      | 21.25                              | 36.85                                 | \$150,970,000                               | TRUE   |

**F. Bond Issuance**

| Series/ Proposal | Amount       | Dated Date | Construction Fund Beg. Date | Construction Fund End Date |
|------------------|--------------|------------|-----------------------------|----------------------------|
| 1                | \$17,685,000 | 5/5/2025   | 5/5/2025                    | 4/1/2026                   |
| 2                | 43,280,000   | 5/1/2026   | 5/1/2026                    | 4/1/2027                   |
| 3                | 60,035,000   | 5/1/2027   | 5/1/2027                    | 10/1/2028                  |
| 4                |              |            |                             |                            |
| 5                |              |            |                             |                            |

**G. Certification**

The financial impact presented herein is based on certain assumptions regarding interest rates and taxable value growth rates. Actual millage rates may be subject to adjustment based on differences in these assumptions, actual interest rates, and future taxable value growth.

Prepared By Nate Watson  
 Firm PFM Financial Advisors LLC



PQ 2025

**\$17,685,000**  
**CRESTWOOD SCHOOL DISTRICT**  
**2025 SCHOOL BUILDING AND SITE BONDS**

| <b>BOND SIZING SCHEDULE</b>               |        |                  |                     |
|---|--------|------------------|---------------------|
| <b>ESTIMATED BOND ISSUANCE COSTS</b>      |        |                  |                     |
| Bond Discount                             | 0.550% | \$97,268         |                     |
| Bond Insurance                            |        | 0                |                     |
| Bond Attorney Fee                         |        | 44,999           |                     |
| Financial Consultant Fee                  |        | 39,454           |                     |
| Credit Rating                             |        | 27,000           |                     |
| Qualification of Bonds                    |        | 7,400            |                     |
| Official Statement Printing & Mailing     |        | 2,500            |                     |
| Notice of Sale Publication                |        | 1,800            |                     |
| Treasury Filing Fee(s)                    |        | 1,000            |                     |
| Auditor's Consent Fee                     |        | 500              |                     |
| Paying Agent Upfront Fee                  |        | 500              |                     |
| Municipal Advisory Council Fee            |        | 450              |                     |
| <b>TOTAL BOND ISSUANCE COSTS</b>          |        | <b>\$222,870</b> |                     |
| <b>ESTIMATED OTHER COSTS</b>              |        |                  |                     |
|   |        |                  | \$10,391            |
| Reimbursable Election Costs               |        |                  | 0                   |
| Capitalized Interest                      |        |                  | 0                   |
| Other                                     |        |                  | 0                   |
| <b>TOTAL OTHER COSTS</b>                  |        |                  | <b>\$10,391</b>     |
| <b>BOND SIZING</b>                        |        |                  |                     |
|   |        |                  | \$233,261           |
| Total Bond Issuance and Other Costs       |        |                  | 17,611,961          |
| Total Project Expenditures                |        |                  | 17,845,223          |
| Total Project, Issuance & Other Costs     |        |                  | 0                   |
| Less Original Issue Premium               |        |                  | (160,223)           |
| Less Estimated Construction Fund Earnings |        |                  | 0                   |
| Less Other Adjustments                    |        |                  | 0                   |
| <b>AMOUNT OF BOND ISSUE</b>               |        |                  | <b>\$17,685,000</b> |

**PROJECT FUND DRAWS AND EARNINGS SECTION**

| Date   | Estimated Expenditures  |                           |                     | Average Life =<br>Month | 0.54 years<br>Payout % | Project Fund<br>Balance | Estimated<br>Interest Rate | Projected<br>Interest Earned |
|--------|-------------------------|---------------------------|---------------------|-------------------------|------------------------|-------------------------|----------------------------|------------------------------|
|        | Project<br>Expenditures | Issuance &<br>Other Costs | Totals              |                         |                        |                         |                            |                              |
| May 25 |                         |                           |                     |                         |                        | \$17,685,000            |                            |                              |
| May 25 | \$2,574,515             | \$233,261                 | \$2,807,776         | 1                       | 15.73%                 | 14,877,224              | 1.70%                      | \$21,076                     |
| Jun 25 | 514,903                 |                           | 514,903             | 2                       | 18.62%                 | 14,383,397              | 1.70%                      | 20,376                       |
| Jul 25 | 644,886                 |                           | 644,886             | 3                       | 22.23%                 | 13,758,887              | 1.70%                      | 19,492                       |
| Aug 25 | 644,886                 |                           | 644,886             | 4                       | 25.85%                 | 13,133,493              | 1.70%                      | 18,606                       |
| Sep 25 | 644,886                 |                           | 644,886             | 5                       | 29.46%                 | 12,507,213              | 1.70%                      | 17,719                       |
| Oct 25 | 644,886                 |                           | 644,886             | 6                       | 33.07%                 | 11,880,046              | 1.70%                      | 16,830                       |
| Nov 25 | 1,170,053               |                           | 1,170,053           | 7                       | 39.63%                 | 10,726,823              | 1.70%                      | 15,196                       |
| Dec 25 | 2,098,998               |                           | 2,098,998           | 8                       | 51.39%                 | 8,643,021               | 1.70%                      | 12,244                       |
| Jan 26 | 2,098,998               |                           | 2,098,998           | 9                       | 63.16%                 | 6,556,267               | 1.70%                      | 9,288                        |
| Feb 26 | 2,168,479               |                           | 2,168,479           | 10                      | 75.31%                 | 4,397,076               | 1.70%                      | 6,229                        |
| Mar 26 | 2,168,479               |                           | 2,168,479           | 11                      | 87.46%                 | 2,234,826               | 1.70%                      | 3,166                        |
| Apr 26 | 2,237,992               |                           | 2,237,992           | 12                      | 100.00%                | 0                       | 1.70%                      | 0                            |
| May 26 | 0                       |                           | 0                   | 13                      | 100.00%                | 0                       | 1.70%                      | 0                            |
|        | <b>\$17,611,961</b>     | <b>\$233,261</b>          | <b>\$17,845,223</b> |                         |                        |                         |                            | <b>\$160,223</b>             |

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PQ 2026

**\$43,280,000**  
**CRESTWOOD SCHOOL DISTRICT**  
**2026 SCHOOL BUILDING AND SITE BONDS**

| <b>BOND SIZING SCHEDULE</b>               |        |                  |                     |
|---|--------|------------------|---------------------|
| <b>ESTIMATED BOND ISSUANCE COSTS</b>      |        |                  |                     |
| Bond Discount                             | 0.500% | \$216,400        |                     |
| Bond Insurance                            |        | 0                |                     |
| Bond Attorney Fee                         |        | 76,989           |                     |
| Financial Consultant Fee                  |        | 63,952           |                     |
| Credit Rating                             |        | 35,000           |                     |
| Qualification of Bonds                    |        | 12,600           |                     |
| Official Statement Printing & Mailing     |        | 2,500            |                     |
| Notice of Sale Publication                |        | 1,800            |                     |
| Treasury Filing Fee(s)                    |        | 1,000            |                     |
| Auditor's Consent Fee                     |        | 500              |                     |
| Paying Agent Upfront Fee                  |        | 500              |                     |
| Municipal Advisory Council Fee            |        | 450              |                     |
| <b>TOTAL BOND ISSUANCE COSTS</b>          |        | <b>\$411,691</b> |                     |
| <b>ESTIMATED OTHER COSTS</b>              |        |                  |                     |
| Reimbursable Election Costs               |        |                  | \$0                 |
| Capitalized Interest                      |        |                  | 0                   |
| Other                                     |        |                  | 1,671               |
| <b>TOTAL OTHER COSTS</b>                  |        |                  | <b>\$1,671</b>      |
| <b>BOND SIZING</b>                        |        |                  |                     |
| Total Bond Issuance and Other Costs       |        |                  | \$413,362           |
| Total Project Expenditures                |        |                  | 43,101,156          |
| Total Project, Issuance & Other Costs     |        |                  | <b>43,514,518</b>   |
| Less Original Issue Premium               |        |                  | 0                   |
| Less Estimated Construction Fund Earnings |        |                  | (234,518)           |
| Less Other Adjustments                    |        |                  | 0                   |
| <b>AMOUNT OF BOND ISSUE</b>               |        |                  | <b>\$43,280,000</b> |

**PROJECT FUND DRAWS AND EARNINGS SECTION**

| Date   | Estimated Expenditures  |                           |                     | Average Life =<br>Month | 0.32 years<br>Payout % | Project Fund<br>Balance | Estimated<br>Interest Rate | Projected<br>Interest Earned |
|--------|-------------------------|---------------------------|---------------------|-------------------------|------------------------|-------------------------|----------------------------|------------------------------|
|        | Project<br>Expenditures | Issuance &<br>Other Costs | Totals              |                         |                        |                         |                            |                              |
| May 26 |                         |                           |                     |                         |                        | \$43,280,000            |                            |                              |
| May 26 | \$2,961,027             | \$413,362                 | \$3,374,389         | 1                       | 7.75%                  | 39,905,611              | 1.70%                      | \$56,533                     |
| Jun 26 | 3,134,729               |                           | 3,134,729           | 2                       | 14.96%                 | 36,827,415              | 1.70%                      | 52,172                       |
| Jul 26 | 8,061,230               |                           | 8,061,230           | 3                       | 33.48%                 | 28,818,357              | 1.70%                      | 40,826                       |
| Aug 26 | 11,156,034              |                           | 11,156,034          | 4                       | 59.12%                 | 17,703,149              | 1.70%                      | 25,079                       |
| Sep 26 | 6,727,409               |                           | 6,727,409           | 5                       | 74.58%                 | 11,000,820              | 1.70%                      | 15,584                       |
| Oct 26 | 1,985,205               |                           | 1,985,205           | 6                       | 79.14%                 | 9,031,199               | 1.70%                      | 12,794                       |
| Nov 26 | 1,735,801               |                           | 1,735,801           | 7                       | 83.13%                 | 7,308,192               | 1.70%                      | 10,353                       |
| Dec 26 | 1,479,938               |                           | 1,479,938           | 8                       | 86.53%                 | 5,838,607               | 1.70%                      | 8,271                        |
| Jan 27 | 1,479,938               |                           | 1,479,938           | 9                       | 89.93%                 | 4,366,941               | 1.70%                      | 6,186                        |
| Feb 27 | 1,273,200               |                           | 1,273,200           | 10                      | 92.86%                 | 3,099,927               | 1.70%                      | 4,392                        |
| Mar 27 | 1,462,238               |                           | 1,462,238           | 11                      | 96.22%                 | 1,642,081               | 1.70%                      | 2,326                        |
| Apr 27 | 1,644,407               |                           | 1,644,407           | 12                      | 100.00%                | 0                       | 1.70%                      | 0                            |
| May 27 | 0                       |                           | 0                   | 13                      | 100.00%                | 0                       | 1.70%                      | 0                            |
|        | <b>\$43,101,156</b>     | <b>\$413,362</b>          | <b>\$43,514,518</b> |                         |                        |                         |                            | <b>\$234,518</b>             |

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PQ 2027

**\$60,035,000**

**CRESTWOOD SCHOOL DISTRICT  
2027 SCHOOL BUILDING AND SITE BONDS**

| <b>BOND SIZING SCHEDULE</b>               |        |                  |                     |
|---|--------|------------------|---------------------|
| <b>ESTIMATED BOND ISSUANCE COSTS</b>      |        |                  |                     |
| Bond Discount                             | 0.200% | \$120,070        |                     |
| Bond Insurance                            |        | 0                |                     |
| Bond Attorney Fee                         |        | 94,797           |                     |
| Financial Consultant Fee                  |        | 79,032           |                     |
| Credit Rating                             |        | 46,000           |                     |
| Qualification of Bonds                    |        | 16,000           |                     |
| Official Statement Printing & Mailing     |        | 2,500            |                     |
| Notice of Sale Publication                |        | 1,800            |                     |
| Treasury Filing Fee(s)                    |        | 1,000            |                     |
| Auditor's Consent Fee                     |        | 500              |                     |
| Paying Agent Upfront Fee                  |        | 500              |                     |
| Municipal Advisory Council Fee            |        | 450              |                     |
| <b>TOTAL BOND ISSUANCE COSTS</b>          |        | <b>\$362,649</b> |                     |
| <b>ESTIMATED OTHER COSTS</b>              |        |                  |                     |
| Reimbursable Election Costs               |        |                  | \$0                 |
| Capitalized Interest                      |        |                  | 0                   |
| Other                                     |        |                  | 3,368               |
| <b>TOTAL OTHER COSTS</b>                  |        |                  | <b>\$3,368</b>      |
| <b>BOND SIZING</b>                        |        |                  |                     |
| Total Bond Issuance and Other Costs       |        |                  | \$366,017           |
| Total Project Expenditures                |        |                  | 60,286,918          |
| Total Project, Issuance & Other Costs     |        |                  | <b>60,652,935</b>   |
| Less Original Issue Premium               |        |                  | 0                   |
| Less Estimated Construction Fund Earnings |        |                  | (617,935)           |
| Less Other Adjustments                    |        |                  | 0                   |
| <b>AMOUNT OF BOND ISSUE</b>               |        |                  | <b>\$60,035,000</b> |

**PROJECT FUND DRAWS AND EARNINGS SECTION**

| Date   | Estimated Expenditures |                        |                     | Average Life = 0.65 years |          | Project Fund Balance | Estimated Interest Rate | Projected Interest Earned |
|--------|------------------------|------------------------|---------------------|---------------------------|----------|----------------------|-------------------------|---------------------------|
|        | Project Expenditures   | Issuance & Other Costs | Totals              | Month                     | Payout % |                      |                         |                           |
| May 27 |                        |                        |                     |                           |          | \$60,035,000         |                         |                           |
| May 27 | \$1,616,588            | \$366,017              | \$1,982,604         | 1                         | 3.27%    | 58,052,396           | 1.60%                   | \$77,403                  |
| Jun 27 | 1,616,588              |                        | 1,616,588           | 2                         | 5.93%    | 56,513,211           | 1.60%                   | 75,351                    |
| Jul 27 | 8,219,094              |                        | 8,219,094           | 3                         | 19.49%   | 48,369,468           | 1.60%                   | 64,493                    |
| Aug 27 | 9,611,108              |                        | 9,611,108           | 4                         | 35.33%   | 38,822,853           | 1.60%                   | 51,764                    |
| Sep 27 | 8,179,286              |                        | 8,179,286           | 5                         | 48.82%   | 30,695,330           | 1.60%                   | 40,927                    |
| Oct 27 | 1,532,530              |                        | 1,532,530           | 6                         | 51.34%   | 29,203,727           | 1.60%                   | 38,938                    |
| Nov 27 | 1,375,644              |                        | 1,375,644           | 7                         | 53.61%   | 27,867,021           | 1.60%                   | 37,156                    |
| Dec 27 | 1,375,644              |                        | 1,375,644           | 8                         | 55.88%   | 26,528,532           | 1.60%                   | 35,371                    |
| Jan 28 | 1,375,644              |                        | 1,375,644           | 9                         | 58.15%   | 25,188,259           | 1.60%                   | 33,584                    |
| Feb 28 | 1,375,644              |                        | 1,375,644           | 10                        | 60.42%   | 23,846,199           | 1.60%                   | 31,795                    |
| Mar 28 | 1,422,904              |                        | 1,422,904           | 11                        | 62.76%   | 22,455,091           | 1.60%                   | 29,940                    |
| Apr 28 | 1,422,904              |                        | 1,422,904           | 12                        | 65.11%   | 21,062,127           | 1.60%                   | 28,083                    |
| May 28 | 1,422,904              |                        | 1,422,904           | 13                        | 67.45%   | 19,667,307           | 1.60%                   | 26,223                    |
| Jun 28 | 1,940,803              |                        | 1,940,803           | 14                        | 70.65%   | 17,752,727           | 1.60%                   | 23,670                    |
| Jul 28 | 5,897,076              |                        | 5,897,076           | 15                        | 80.38%   | 11,879,321           | 1.60%                   | 15,839                    |
| Aug 28 | 6,833,836              |                        | 6,833,836           | 16                        | 91.64%   | 5,061,325            | 1.60%                   | 6,748                     |
| Sep 28 | 4,581,804              |                        | 4,581,804           | 17                        | 99.20%   | 486,269              | 1.60%                   | 648                       |
| Oct 28 | 486,917                |                        | 486,917             | 18                        | 100.00%  | 0                    | 1.60%                   | 0                         |
| Nov 28 | 0                      |                        | 0                   | 19                        | 100.00%  | 0                    | 1.60%                   | 0                         |
|        | <b>\$60,286,918</b>    | <b>\$366,017</b>       | <b>\$60,652,935</b> |                           |          |                      |                         | <b>\$617,935</b>          |

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**\$121,000,000**  
**CRESTWOOD SCHOOL DISTRICT**  
**COUNTY OF WAYNE, STATE OF MICHIGAN**  
**2025, 2026, 2027 SCHOOL BUILDING AND SITE BONDS**  
**(GENERAL OBLIGATION - UNLIMITED TAX)**

**ESTIMATED MILLAGE NEEDED TO RETIRE BONDED DEBT**

|                          | <u>Series 2025</u>   | <u>Series 2026</u> | <u>Series 2027</u> |
|--------------------------|----------------------|--------------------|--------------------|
| Amount:                  | \$17,685,000         | \$43,280,000       | \$60,035,000       |
| TIC:                     | 4.85%                | 4.85%              | 4.85%              |
| Dated Date:              | May 5, 25            | May 1, 26          | May 1, 27          |
| First Payment:           | Nov 1, 25 < 6 Months | Nov 1, 26          | Nov 1, 27          |
| First Levy:              | Jul 1, 25            | Jul 1, 26          | Jul 1, 27          |
| Capitalized Int:         | \$0                  | \$0                | \$0                |
| Debt/TV <sup>[1]</sup> : | 4.61%                | 8.50%              | 13.23%             |
| Bond Term:               | 29 yrs., 11.9 mo.    | 30 yrs., 0 mo.     | 30 yrs., 0 mo.     |
| 1:5 Ratio:               | TRUE                 | TRUE               | TRUE               |
| Average Life:            | 18.23                | 21.22              | 22.17              |
| 120% ProjUsefulLife:     | 48.00                | 37.07              | 35.45              |

| <b>Ballot Information</b> |                  |
|---------------------------|------------------|
| Election Date             | November 5, 2024 |
| First Yr. Millage         | 4.47             |
| Avg. Millage              | 5.32             |

| <b>Levy Cycle</b>     | <b>Split Levy</b> |
|-----------------------|-------------------|
| <b>Millage Impact</b> |                   |
| Projected             | 6.55              |
| Current               | 2.08              |
| Net Increase          | 4.47              |

Interest Factor  
**1.03**

| Tax Year | Fiscal Year | Existing UT Debt \$25,010,000 | <u>Series 2025</u> |                    |               |                     |                     | <u>Series 2026</u>  |                     | <u>Series 2027</u>  |                      | Delinquency Allowance 7.00% | Use of Funds on Hand \$415,485 | Proposed and Existing UT Debt | Projected Tax Base <sup>[2]</sup> | Growth Rate | Mills Needed New Bond Avg. 5.32 | Mills Needed All Qualified Debt |
|----------|-------------|-------------------------------|--------------------|--------------------|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|-----------------------------|--------------------------------|-------------------------------|-----------------------------------|-------------|---------------------------------|---------------------------------|
|          |             |                               | Interest Due Nov 1 | Interest Due May 1 | Interest Rate | Principal Due May 1 | Total Debt Service  | Principal Due May 1 | Total Debt Service  | Principal Due May 1 | Total Debt Service   |                             |                                |                               |                                   |             |                                 |                                 |
| 2024     | 2025        | \$1,970,850                   | \$0                | \$0                | 4.850%        | \$0                 | \$0                 | \$0                 | \$0                 | \$0                 | \$0                  | \$145,984                   | (\$31,353)                     | \$2,085,480                   | \$1,002,586,468                   | 7.74%       |                                 | 2.08                            |
| 2025     | 2026        | 1,970,300                     | 419,331            | 428,861            | 4.850%        | 3,800,000           | 4,648,192           | 0                   | 0                   | 0                   | 0                    | 336,687                     | (59,890)                       | 6,895,288                     | 1,052,715,791                     | 5.00%       | 4.47                            | 6.55                            |
| 2026     | 2027        | 1,968,700                     | 336,711            | 336,711            | 4.850%        | 0                   | 673,423             | 2,500,000           | 4,599,080           | 0                   | 0                    | 0                           | (104,579)                      | 7,136,624                     | 1,089,560,844                     | 3.50%       | 4.84                            | 6.55                            |
| 2027     | 2028        | 1,966,050                     | 336,711            | 336,711            | 4.850%        | 0                   | 673,423             | 0                   | 1,977,830           | 0                   | 2,911,698            | 0                           | (178,278)                      | 7,350,722                     | 1,122,247,669                     | 3.00%       | 4.96                            | 6.55                            |
| 2028     | 2029        | 1,967,350                     | 336,711            | 336,711            | 4.850%        | 0                   | 673,423             | 65,000              | 2,042,830           | 0                   | 2,911,698            | 0                           | (24,056)                       | 7,571,244                     | 1,155,915,100                     | 3.00%       | 4.87                            | 6.55                            |
| 2029     | 2030        | 1,967,450                     | 336,711            | 336,711            | 4.850%        | 50,000              | 723,423             | 100,000             | 2,074,678           | 140,000             | 3,051,698            | 0                           | (17,328)                       | 7,799,919                     | 1,190,592,552                     | 3.00%       | 4.91                            | 6.55                            |
| 2030     | 2031        | 1,966,350                     | 335,499            | 335,499            | 4.850%        | 70,000              | 740,998             | 110,000             | 2,079,828           | 230,000             | 3,134,908            | 0                           | 0                              | 7,922,083                     | 1,209,476,854                     | 1.59%       | 4.92                            | 6.55                            |
| 2031     | 2032        | 1,969,050                     | 333,801            | 333,801            | 4.850%        | 100,000             | 767,603             | 150,000             | 2,114,493           | 305,000             | 3,198,753            | 0                           | 0                              | 8,049,898                     | 1,228,660,684                     | 1.59%       | 4.95                            | 6.55                            |
| 2032     | 2033        | 1,970,400                     | 331,376            | 331,376            | 4.850%        | 105,000             | 767,753             | 220,000             | 2,177,218           | 375,000             | 3,253,960            | 0                           | 0                              | 8,169,330                     | 1,248,148,795                     | 1.59%       | 4.97                            | 6.55                            |
| 2033     | 2034        | 1,955,400                     | 328,830            | 328,830            | 4.850%        | 110,000             | 767,660             | 310,000             | 2,256,548           | 465,000             | 3,325,773            | 0                           | 0                              | 8,305,380                     | 1,267,946,011                     | 1.59%       | 5.01                            | 6.55                            |
| 2034     | 2035        | 1,974,500                     | 326,163            | 326,163            | 4.850%        | 115,000             | 767,325             | 370,000             | 2,301,513           | 555,000             | 3,393,220            | 0                           | 0                              | 8,436,558                     | 1,288,057,236                     | 1.59%       | 5.02                            | 6.55                            |
| 2035     | 2036        | 1,991,650                     | 323,374            | 323,374            | 4.850%        | 120,000             | 766,748             | 410,000             | 2,323,568           | 675,000             | 3,486,303            | 0                           | 0                              | 8,568,268                     | 1,308,487,451                     | 1.59%       | 5.03                            | 6.55                            |
| 2036     | 2037        | 2,011,850                     | 320,464            | 320,464            | 4.850%        | 125,000             | 765,928             | 460,000             | 2,353,683           | 795,000             | 3,573,565            | 0                           | 0                              | 8,705,025                     | 1,329,241,714                     | 1.59%       | 5.04                            | 6.55                            |
| 2037     | 2038        | 2,034,950                     | 317,433            | 317,433            | 4.850%        | 130,000             | 764,865             | 510,000             | 2,381,373           | 925,000             | 3,665,008            | 0                           | 0                              | 8,846,195                     | 1,350,325,167                     | 1.59%       | 5.04                            | 6.55                            |
| 2038     | 2039        | 2,055,800                     | 314,280            | 314,280            | 4.850%        | 135,000             | 763,560             | 560,000             | 2,406,638           | 1,065,000           | 3,760,145            | 0                           | 0                              | 8,986,143                     | 1,371,743,029                     | 1.59%       | 5.05                            | 6.55                            |
| 2039     | 2040        | 2,079,400                     | 311,006            | 311,006            | 4.850%        | 140,000             | 762,013             | 610,000             | 2,429,478           | 1,215,000           | 3,858,493            | 0                           | 0                              | 9,129,383                     | 1,393,500,606                     | 1.59%       | 5.06                            | 6.55                            |
| 2040     | 2041        | 2,080,600                     | 307,611            | 307,611            | 4.850%        | 145,000             | 760,223             | 660,000             | 2,449,893           | 1,395,000           | 3,979,565            | 0                           | 0                              | 9,270,280                     | 1,415,603,286                     | 1.59%       | 5.08                            | 6.55                            |
| 2041     | 2042        | 0                             | 304,095            | 304,095            | 4.850%        | 665,000             | 1,273,190           | 1,700,000           | 3,457,883           | 2,025,000           | 4,541,908            | 0                           | 0                              | 9,272,980                     | 1,438,056,541                     | 1.59%       | 6.45                            | 6.45                            |
| 2042     | 2043        | 0                             | 287,969            | 287,969            | 4.850%        | 695,000             | 1,270,938           | 1,780,000           | 3,455,433           | 2,125,000           | 4,543,695            | 0                           | 0                              | 9,270,065                     | 1,460,865,934                     | 1.59%       | 6.35                            | 6.35                            |
| 2043     | 2044        | 0                             | 271,115            | 271,115            | 4.850%        | 725,000             | 1,267,230           | 1,865,000           | 3,454,103           | 2,235,000           | 4,550,633            | 0                           | 0                              | 9,271,965                     | 1,484,037,113                     | 1.59%       | 6.25                            | 6.25                            |
| 2044     | 2045        | 0                             | 253,534            | 253,534            | 4.850%        | 755,000             | 1,262,068           | 1,960,000           | 3,458,650           | 2,345,000           | 4,552,235            | 0                           | 0                              | 9,272,953                     | 1,507,575,816                     | 1.59%       | 6.15                            | 6.15                            |
| 2045     | 2046        | 0                             | 235,225            | 235,225            | 4.850%        | 790,000             | 1,260,450           | 2,055,000           | 3,458,590           | 2,460,000           | 4,553,503            | 0                           | 0                              | 9,272,543                     | 1,531,487,873                     | 1.59%       | 6.05                            | 6.05                            |
| 2046     | 2047        | 0                             | 216,068            | 216,068            | 4.850%        | 825,000             | 1,257,135           | 2,155,000           | 3,458,923           | 2,580,000           | 4,554,193            | 0                           | 0                              | 9,270,250                     | 1,555,779,204                     | 1.59%       | 5.96                            | 5.96                            |
| 2047     | 2048        | 0                             | 196,061            | 196,061            | 4.850%        | 860,000             | 1,252,123           | 2,255,000           | 3,454,405           | 2,715,000           | 4,564,063            | 0                           | 0                              | 9,270,590                     | 1,580,455,828                     | 1.59%       | 5.87                            | 5.87                            |
| 2048     | 2049        | 0                             | 175,206            | 175,206            | 4.850%        | 900,000             | 1,250,413           | 2,365,000           | 3,455,038           | 2,850,000           | 4,567,385            | 0                           | 0                              | 9,272,835                     | 1,605,523,853                     | 1.59%       | 5.78                            | 5.78                            |
| 2049     | 2050        | 0                             | 153,381            | 153,381            | 4.850%        | 940,000             | 1,246,763           | 2,480,000           | 3,455,335           | 2,990,000           | 4,569,160            | 0                           | 0                              | 9,271,258                     | 1,630,989,489                     | 1.59%       | 5.68                            | 5.68                            |
| 2050     | 2051        | 0                             | 130,586            | 130,586            | 4.850%        | 985,000             | 1,246,173           | 2,600,000           | 3,455,055           | 3,135,000           | 4,569,145            | 0                           | 0                              | 9,270,373                     | 1,656,859,042                     | 1.59%       | 5.60                            | 5.60                            |
| 2051     | 2052        | 0                             | 106,700            | 106,700            | 4.850%        | 1,030,000           | 1,243,400           | 2,730,000           | 3,458,955           | 3,290,000           | 4,572,098            | 0                           | 0                              | 9,274,453                     | 1,683,138,919                     | 1.59%       | 5.51                            | 5.51                            |
| 2052     | 2053        | 0                             | 81,723             | 81,723             | 4.850%        | 1,075,000           | 1,238,445           | 2,860,000           | 3,456,550           | 3,455,000           | 4,577,533            | 0                           | 0                              | 9,272,528                     | 1,709,835,628                     | 1.59%       | 5.42                            | 5.42                            |
| 2053     | 2054        | 0                             | 55,654             | 55,654             | 4.850%        | 1,125,000           | 1,236,308           | 3,000,000           | 3,457,840           | 3,625,000           | 4,579,965            | 0                           | 0                              | 9,274,113                     | 1,736,955,781                     | 1.59%       | 5.34                            | 5.34                            |
| 2054     | 2055        | 0                             | 28,373             | 28,373             | 4.850%        | 1,170,000           | 1,226,745           | 3,145,000           | 3,457,340           | 3,810,000           | 4,589,153            | 0                           | 0                              | 9,273,238                     | 1,764,506,093                     | 1.59%       | 5.26                            | 5.26                            |
| 2055     | 2056        | 0                             | 0                  | 0                  | 4.850%        | 0                   | 0                   | 3,295,000           | 3,454,808           | 5,185,000           | 5,779,368            | 0                           | 0                              | 9,234,175                     | 1,792,493,388                     | 1.59%       | 5.15                            | 5.15                            |
| 2056     | 2057        | 0                             | 0                  | 0                  | 4.850%        | 0                   | 0                   | 0                   | 0                   | 7,070,000           | 7,412,895            | 0                           | 0                              | 7,412,895                     | 1,820,924,597                     | 1.59%       | 4.07                            | 4.07                            |
| 2057     | 2058        | 0                             | 0                  | 0                  | 4.850%        | 0                   | 0                   | 0                   | 0                   | 0                   | 0                    | 0                           | 0                              | 0                             | 1,849,806,761                     | 1.59%       |                                 | 0.00                            |
|          |             | <u>\$33,900,650</u>           | <u>\$7,811,701</u> | <u>\$7,821,231</u> |               | <u>\$17,685,000</u> | <u>\$33,317,932</u> | <u>\$43,280,000</u> | <u>\$87,817,550</u> | <u>\$60,035,000</u> | <u>\$124,581,710</u> | <u>\$482,670</u>            | <u>(\$415,485)</u>             | <u>\$279,685,027</u>          |                                   |             |                                 |                                 |

[1] Includes \$25,010,000 of Existing UT Debt and \$3,475,000 of Existing LTNQ Debt  
[2] Includes \$0 of equivalent IFT valuations & less DDA/TIFA debt captures of \$0 for 2025.

NT



**CRESTWOOD SCHOOL DISTRICT  
COUNTY OF WAYNE, STATE OF MICHIGAN  
EXISTING DEBT BEFORE ADDITIONAL BONDING**

**2016 SCHOOL BUILDING AND SITE BONDS - UTQ**

*Tax-Type: Unlimited Tax Qualified  
Original Amount: \$34,520,000  
Net Interest Cost: 3.000%  
Call Date: 05/01/2026  
Voter Approved Before 2015: No  
Dated: 06/09/2016*

**2021 REFUNDING BONDS - LT**

*Tax-Type: Limited Tax  
Original Amount: \$1,970,000  
Net Interest Cost: 2.000%  
Call Date: Non-Callable  
Voter Approved Before 2015: No  
Dated: 02/22/2021*

| Levy Year      | FY End Year | Interest Due Nov 1 | Interest Due May 1 | Interest Rate | Principal Due May 1 | Total Debt Service  | Interest Due Nov 1 | Interest Due May 1 | Interest Rate | Principal Due May 1 | Total Debt Service |
|----------------|-------------|--------------------|--------------------|---------------|---------------------|---------------------|--------------------|--------------------|---------------|---------------------|--------------------|
| 2024           | 2025        | \$392,925          | \$392,925          | 3.000%        | \$1,185,000         | \$1,970,850         | \$14,150           | \$14,150           | 2.000%        | \$190,000           | \$218,300          |
| 2025           | 2026        | 375,150            | 375,150            | 3.000%        | 1,220,000           | 1,970,300           | 12,250             | 12,250             | 2.000%        | 195,000             | 219,500            |
| 2026           | 2027        | 356,850            | 356,850            | 3.000%        | 1,255,000           | 1,968,700           | 10,300             | 10,300             | 2.000%        | 200,000             | 220,600            |
| 2027           | 2028        | 338,025            | 338,025            | 3.000%        | 1,290,000           | 1,966,050           | 8,300              | 8,300              | 2.000%        | 200,000             | 216,600            |
| 2028           | 2029        | 318,675            | 318,675            | 3.000%        | 1,330,000           | 1,967,350           | 6,300              | 6,300              | 2.000%        | 205,000             | 217,600            |
| 2029           | 2030        | 298,725            | 298,725            | 3.000%        | 1,370,000           | 1,967,450           | 4,250              | 4,250              | 2.000%        | 210,000             | 218,500            |
| 2030           | 2031        | 278,175            | 278,175            | 3.000%        | 1,410,000           | 1,966,350           | 2,150              | 2,150              | 2.000%        | 215,000             | 219,300            |
| 2031           | 2032        | 257,025            | 257,025            | 3.000%        | 1,455,000           | 1,969,050           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2032           | 2033        | 235,200            | 235,200            | 3.000%        | 1,500,000           | 1,970,400           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2033           | 2034        | 212,700            | 212,700            | 3.000%        | 1,530,000           | 1,955,400           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2034           | 2035        | 189,750            | 189,750            | 3.000%        | 1,595,000           | 1,974,500           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2035           | 2036        | 165,825            | 165,825            | 3.000%        | 1,660,000           | 1,991,650           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2036           | 2037        | 140,925            | 140,925            | 3.000%        | 1,730,000           | 2,011,850           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2037           | 2038        | 114,975            | 114,975            | 3.000%        | 1,805,000           | 2,034,950           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2038           | 2039        | 87,900             | 87,900             | 3.000%        | 1,880,000           | 2,055,800           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2039           | 2040        | 59,700             | 59,700             | 3.000%        | 1,960,000           | 2,079,400           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2040           | 2041        | 30,300             | 30,300             | 3.000%        | 2,020,000           | 2,080,600           | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| 2041           | 2042        | 0                  | 0                  | 0.000%        | 0                   | 0                   | 0                  | 0                  | 0.000%        | 0                   | 0                  |
| <b>Totals:</b> |             | <u>\$3,852,825</u> | <u>\$3,852,825</u> |               | <u>\$26,195,000</u> | <u>\$33,900,650</u> | <u>\$57,700</u>    | <u>\$57,700</u>    |               | <u>\$1,415,000</u>  | <u>\$1,530,400</u> |



**CRESTWOOD SCHOOL DISTRICT  
COUNTY OF WAYNE, STATE OF MICHIGAN  
EXISTING DEBT BEFORE ADDITIONAL BONDING**

**2021 ENERGY CONSERVATION IMPROVEMENT BONDS - LT**

*Tax-Type: Limited Tax  
Original Amount: \$2,575,000  
Net Interest Cost: 2.028%  
Call Date: 05/01/2031  
Voter Approved Before 2015: No  
Dated: 05/05/2021*

| Levy Year      | FY End Year | Interest Due Nov 1 | Interest Due May 1 | Interest Rate | Principal Due May 1 | Total Debt Service | TOTAL UTQ           |                     | TOTAL LT           |                    |
|----------------|-------------|--------------------|--------------------|---------------|---------------------|--------------------|---------------------|---------------------|--------------------|--------------------|
|                |             |                    |                    |               |                     |                    | Principal           | Total Debt Service  | Principal          | Total Debt Service |
| 2024           | 2025        | \$23,791           | \$23,791           | 2.000%        | \$110,000           | \$157,581          | \$1,185,000         | \$1,970,850         | \$300,000          | \$375,881          |
| 2025           | 2026        | 22,691             | 22,691             | 2.000%        | 115,000             | 160,381            | 1,220,000           | 1,970,300           | 310,000            | 379,881            |
| 2026           | 2027        | 21,541             | 21,541             | 2.000%        | 115,000             | 158,081            | 1,255,000           | 1,968,700           | 315,000            | 378,681            |
| 2027           | 2028        | 20,391             | 20,391             | 2.000%        | 115,000             | 155,781            | 1,290,000           | 1,966,050           | 315,000            | 372,381            |
| 2028           | 2029        | 19,241             | 19,241             | 2.000%        | 120,000             | 158,481            | 1,330,000           | 1,967,350           | 325,000            | 376,081            |
| 2029           | 2030        | 18,041             | 18,041             | 2.000%        | 120,000             | 156,081            | 1,370,000           | 1,967,450           | 330,000            | 374,581            |
| 2030           | 2031        | 16,841             | 16,841             | 2.000%        | 125,000             | 158,681            | 1,410,000           | 1,966,350           | 340,000            | 377,981            |
| 2031           | 2032        | 15,591             | 15,591             | 2.000%        | 125,000             | 156,181            | 1,455,000           | 1,969,050           | 125,000            | 156,181            |
| 2032           | 2033        | 14,341             | 14,341             | 2.000%        | 130,000             | 158,681            | 1,500,000           | 1,970,400           | 130,000            | 158,681            |
| 2033           | 2034        | 13,041             | 13,041             | 2.000%        | 130,000             | 156,081            | 1,530,000           | 1,955,400           | 130,000            | 156,081            |
| 2034           | 2035        | 11,741             | 11,741             | 2.000%        | 135,000             | 158,481            | 1,595,000           | 1,974,500           | 135,000            | 158,481            |
| 2035           | 2036        | 10,391             | 10,391             | 2.000%        | 135,000             | 155,781            | 1,660,000           | 1,991,650           | 135,000            | 155,781            |
| 2036           | 2037        | 9,041              | 9,041              | 2.000%        | 140,000             | 158,081            | 1,730,000           | 2,011,850           | 140,000            | 158,081            |
| 2037           | 2038        | 7,641              | 7,641              | 2.000%        | 145,000             | 160,281            | 1,805,000           | 2,034,950           | 145,000            | 160,281            |
| 2038           | 2039        | 6,191              | 6,191              | 2.000%        | 145,000             | 157,381            | 1,880,000           | 2,055,800           | 145,000            | 157,381            |
| 2039           | 2040        | 4,741              | 4,741              | 2.000%        | 150,000             | 159,481            | 1,960,000           | 2,079,400           | 150,000            | 159,481            |
| 2040           | 2041        | 3,241              | 3,241              | 2.125%        | 150,000             | 156,481            | 2,020,000           | 2,080,600           | 150,000            | 156,481            |
| 2041           | 2042        | 1,647              | 1,647              | 2.125%        | 155,000             | 158,294            | 0                   | 0                   | 155,000            | 158,294            |
| <b>Totals:</b> |             | <u>\$240,138</u>   | <u>\$240,138</u>   |               | <u>\$2,360,000</u>  | <u>\$2,840,275</u> | <u>\$26,195,000</u> | <u>\$33,900,650</u> | <u>\$3,775,000</u> | <u>\$4,370,675</u> |

NT 5.21.24



**BEFORE ADDITIONAL BONDING**

**CRESTWOOD SCHOOL DISTRICT  
COUNTY OF WAYNE, STATE OF MICHIGAN**

**ESTIMATED MILLAGE NEEDED TO RETIRE BONDED DEBT BEFORE ADDITIONAL BONDING**

|                                |                        |
|--------------------------------|------------------------|
| Debt/TV <sup>[2]</sup> : 2.99% | 2024 Debt Levy: 2.0801 |
| Collection Cycle               |                        |
| July Levy 50%                  | Total Levy: 2.0801     |

**Existing Unlimited Tax Debt & Mills**

| Levy Year | Fiscal Year End | Projected Tax Base <sup>[1]</sup> | Growth Rate | Existing UT Payments | Use of Funds on Hand \$415,485 | Delinquency Allowance 7.00% | Exempt Pers. Property Receipts <sup>[3]</sup> | Net UT Payments     | Mills Needed All Debt |
|-----------|-----------------|-----------------------------------|-------------|----------------------|--------------------------------|-----------------------------|---|---------------------|-----------------------|
| 2024      | 2025            | \$1,002,586,468                   | 7.72%       | \$1,970,850          | (\$31,353)                     | \$145,984                   | \$0   | \$2,085,480         | 2.0801                |
| 2025      | 2026            | 1,052,715,791                     | 5.00%       | 1,970,300            | 219,454                        | 0                           | 0   | 2,189,754           | 2.08                  |
| 2026      | 2027            | 1,089,560,844                     | 3.50%       | 1,968,700            | 0                              | 0                           | 0   | 1,968,700           | 1.81                  |
| 2027      | 2028            | 1,122,247,669                     | 3.00%       | 1,966,050            | 0                              | 0                           | 0   | 1,966,050           | 1.75                  |
| 2028      | 2029            | 1,155,915,100                     | 3.00%       | 1,967,350            | 0                              | 0                           | 0   | 1,967,350           | 1.70                  |
| 2029      | 2030            | 1,190,592,552                     | 3.00%       | 1,967,450            | 0                              | 0                           | 0   | 1,967,450           | 1.65                  |
| 2030      | 2031            | 1,209,465,602                     | 1.59%       | 1,966,350            | 0                              | 0                           | 0   | 1,966,350           | 1.63                  |
| 2031      | 2032            | 1,228,637,824                     | 1.59%       | 1,969,050            | 0                              | 0                           | 0   | 1,969,050           | 1.60                  |
| 2032      | 2033            | 1,248,113,960                     | 1.59%       | 1,970,400            | 0                              | 0                           | 0   | 1,970,400           | 1.58                  |
| 2033      | 2034            | 1,267,898,829                     | 1.59%       | 1,955,400            | 0                              | 0                           | 0   | 1,955,400           | 1.54                  |
| 2034      | 2035            | 1,287,997,323                     | 1.59%       | 1,974,500            | 0                              | 0                           | 0   | 1,974,500           | 1.53                  |
| 2035      | 2036            | 1,308,414,415                     | 1.59%       | 1,991,650            | 0                              | 0                           | 0   | 1,991,650           | 1.52                  |
| 2036      | 2037            | 1,329,155,155                     | 1.59%       | 2,011,850            | 0                              | 0                           | 0   | 2,011,850           | 1.51                  |
| 2037      | 2038            | 1,350,224,673                     | 1.59%       | 2,034,950            | 0                              | 0                           | 0   | 2,034,950           | 1.51                  |
| 2038      | 2039            | 1,371,628,181                     | 1.59%       | 2,055,800            | 0                              | 0                           | 0   | 2,055,800           | 1.50                  |
| 2039      | 2040            | 1,393,370,974                     | 1.59%       | 2,079,400            | 0                              | 0                           | 0   | 2,079,400           | 1.49                  |
| 2040      | 2041            | 1,415,458,429                     | 1.59%       | 2,080,600            | 0                              | 0                           | 0   | 2,080,600           | 1.47                  |
| 2041      | 2042            | 1,437,896,011                     | 1.59%       | 0                    | 0                              | 0                           | 0   | 0                   | 0.00                  |
|           |                 |                                   |             | <b>\$33,900,650</b>  | <b>\$188,101</b>               | <b>\$145,984</b>            | <b>\$0</b>                                    | <b>\$34,234,734</b> |                       |

[1] Includes \$0 of equivalent IFT valuations & less DDA/TIFA debt captures of \$0 for 2024.

[2] Includes principal outstanding: \$26,195,000 of unlimited tax bonds and \$3,775,000 of limited tax bonds

[3] Based on \$2,500,000 of Exempt Personal Property for 2024



**CRESTWOOD SCHOOL DISTRICT  
COUNTY OF WAYNE, STATE OF MICHIGAN  
Taxable Value History**

| <b>Levy Year</b> | <b>Taxable Value</b> | <b>Exempt Personal Property</b> | <b>Adjusted Total</b> | <b>T.V. Change</b> | <b>Adjusted T.V. Change</b> | <b>5 Year Average</b> | <b>20 Year Average</b> |
|------------------|----------------------|---------------------------------|-----------------------|--------------------|-----------------------------|-----------------------|------------------------|
| 2024             | \$1,002,586,468      | \$2,676,360                     | \$1,005,262,828       | 7.79%              | 7.74%                       | 6.24%                 | 1.59%                  |
| 2023             | 930,149,626          | 2,915,965                       | 933,065,591           | 8.52%              | 8.45%                       | 5.71%                 | 1.40%                  |
| 2022             | 857,086,586          | 3,294,560                       | 860,381,146           | 6.22%              | 6.33%                       | 4.83%                 | 1.20%                  |
| 2021             | 806,902,899          | 2,227,398                       | 809,130,297           | 3.77%              | 3.87%                       | 4.09%                 |                        |
| 2020             | 777,614,545          | 1,361,460                       | 778,976,005           | 4.95%              | 4.79%                       | 3.79%                 |                        |
| 2019             | 740,929,383          | 2,458,710                       | 743,388,093           | 5.15%              | 5.11%                       | 3.45%                 |                        |
| 2018             | 704,648,256          | 2,587,200                       | 707,235,456           | 4.15%              | 4.05%                       | 2.81%                 |                        |
| 2017             | 676,601,134          | 3,093,320                       | 679,694,454           | 2.55%              | 2.65%                       | 2.30%                 |                        |
| 2016             | 659,754,078          | 2,391,260                       | 662,145,338           | 1.96%              | 2.33%                       | 0.73%                 |                        |
| 2015             | 647,088,942          | 0                               | 647,088,942           | 3.10%              | 3.10%                       | (1.34)%               |                        |
| 2014             | 627,660,173          | 0                               | 627,660,173           | 1.92%              | 1.92%                       | (5.01)%               |                        |
| 2013             | 615,820,677          | 0                               | 615,820,677           | 1.53%              | 1.53%                       | (6.92)%               |                        |
| 2012             | 606,557,458          | 0                               | 606,557,458           | (5.22)%            | (5.22)%                     | (6.84)%               |                        |
| 2011             | 639,958,569          | 0                               | 639,958,569           | (8.02)%            | (8.02)%                     | (4.86)%               |                        |
| 2010             | 695,732,234          | 0                               | 695,732,234           | (15.28)%           | (15.28)%                    | (2.30)%               |                        |
| 2009             | 821,178,306          | 0                               | 821,178,306           | (7.63)%            | (7.63)%                     | 1.67%                 |                        |
| 2008             | 889,028,999          | 0                               | 889,028,999           | 1.94%              | 1.94%                       | 4.01%                 |                        |
| 2007             | 872,105,687          | 0                               | 872,105,687           | 4.68%              | 4.68%                       | 4.52%                 |                        |
| 2006             | 833,138,406          | 0                               | 833,138,406           | 4.77%              | 4.77%                       |                       |                        |
| 2005             | 795,219,237          | 0                               | 795,219,237           | 4.62%              | 4.62%                       |                       |                        |
| 2004             | 760,127,164          | 0                               | 760,127,164           | 4.05%              | 4.05%                       |                       |                        |
| 2003             | 730,548,282          | 0                               | 730,548,282           | 4.47%              | 4.47%                       |                       |                        |
| 2002             | 699,282,413          | 0                               | 699,282,413           |                    |                             |                       |                        |

# Enrollment Projections

**Crestwood School District**

**82-230**

Complete this form after acquiring an enrollment projection report from an approved enrollment projection provider. Official enrollment projections should be based on the most recent fall membership count.

Prepared By Dale Jerome, French Associates, Inc.

Source Michigan Alliance for Student Opportunity

**Explanation of Method Selected**

**Method 5**

**Subtotals by Grade:**

| Grade<br>1   | Preceding<br>5-Year<br>Enrollment<br>2 | (Year)<br>Current<br>Enrollment<br>3 | (Year)<br>Projected 5-Year<br>Enrollment<br>4 | (Col 4 - Col 3) / Col 3<br>Projected<br>Enrollment<br>Change (%)<br>5 |
|--------------|--|--------------------------------------|---|---|
| K            |  | 256                                  | 238   | -7.03%  |
| 1            |  | 195                                  | 217   | 11.28%  |
| 2            |  | 250                                  | 226   | -9.60%  |
| 3            |  | 278                                  | 236   | -15.11%   |
| 4            |  | 258                                  | 235   | -8.91%  |
| 5            |  | 243                                  | 235   | -3.29%  |
| 6            |  | 290                                  | 205   | -29.31%   |
| 7            |  | 304                                  | 230   | -24.34%   |
| 8            |  | 326                                  | 259   | -20.55%   |
| 9            |  | 302                                  | 262   | -13.25%   |
| 10           |  | 336                                  | 259   | -22.92%   |
| 11           |  | 335                                  | 294   | -12.24%   |
| 12           |  | 314                                  | 339   | 7.96%   |
| <b>Total</b> | <b>3,974</b>                           | <b>3,687</b>                         | <b>3,235</b>                                  | <b>-12.26%</b>  |

Non-general ed student count should not be included in the general ed student count listed above unless discussed with and determined by your enrollment service provider.

# Project Sheet

| Highview Elementary School  |   |   |   | Project No. [n]   | 1  |
|---|---|---|---|---|--|
| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input checked="" type="checkbox"/> New addition          | <input checked="" type="checkbox"/> New addition          | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input checked="" type="checkbox"/> Instructional tech.   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

|  |               |                |               |
|--|---------------|----------------|---------------|
| New Stand-Alone Construction Square Ft | _____         | Cost per Sq Ft | _____         |
| New Addition Square Ft.                | <u>12,610</u> | Cost per Sq Ft | \$ <u>431</u> |

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|   |  |   |  |  |
|---|--|---|--|--|
| <input type="checkbox"/> None noted           | <input checked="" type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | 1.   | 2.  | 3.   |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1            | Series 2             | Series 3    | - | Total                |
|------------------------------|---------------------|----------------------|-------------|---|----------------------|
| New Construction             | \$ 2,653,282        | \$ 2,781,714         | \$ -        |   | \$ 5,434,996         |
| Remodeling                   | \$ -                | \$ 4,066,237         | \$ -        |   | \$ 4,066,237         |
| Construction Contingencies   | \$ 148,013          | \$ 990,547           | \$ -        |   | \$ 1,138,560         |
| Instructional Technology     | \$ -                | \$ 964,089           | \$ -        |   | \$ 964,089           |
| Loose Furnishing/Equipment   | \$ -                | \$ 446,264           | \$ -        |   | \$ 446,264           |
| Buses                        | \$ -                | \$ -                 | \$ -        |   | \$ -                 |
| Site Work                    | \$ -                | \$ 474,048           | \$ -        |   | \$ 474,048           |
| Site Acquisition             | \$ -                | \$ -                 | \$ -        |   | \$ -                 |
| Architectural Fees and Costs | \$ 1,030,085        | \$ 30,297            | \$ -        |   | \$ 1,060,382         |
| CM Fees and Costs            | \$ 843,814          | \$ 314,362           | \$ -        |   | \$ 1,158,176         |
| <b>Estimated Costs</b>       | <b>\$ 4,675,194</b> | <b>\$ 10,067,558</b> | <b>\$ -</b> |   | <b>\$ 14,742,752</b> |

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

|  |                    |                |                                      |
|--|--------------------|----------------|--------------------------------------|
|  | Date               | 6/12/2024      | French Associates, Inc. - 1301033304 |
| Signature  |                    |                | Firm Name and License Number         |
| Dale C. Jerome   | dalej@frenchia.com | (248) 656-1377 | Phone Number                         |
| Printed Name   | E-mail Address     |                |                                      |

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

**Existing Building SF: 48,909**  
**New Construction SF: 12,610**  
**Total Building SF: 61,519**

**1. Highview Elementary**

| Category  | Work Item Description  | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate   |
|---|--|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|---------------------------|---------------------|
| <b>Site Work</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Paving and sidewalk replacment                                       | 1        | ls    | \$67,950           | \$67,950    | \$7,609              | \$75,559    | \$1,511                | \$77,070          |                           |                     |
|   | 2 Expand and upgrade existing playground area                          | 1        | ls    | \$175,000          | \$175,000   | \$19,597             | \$194,597   | \$3,892                | \$198,489         |                           |                     |
|   | 3 Install additional fencing   | 1        | ls    | \$25,000           | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                     |
|   | 4 Install exterior digital sign  | 1        | ls    | \$40,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                           |                     |
|   | 5 Create outdoor CR area w/ shade canopy                               | 1        | ls    | \$65,000           | \$65,000    | \$7,279              | \$72,279    | \$1,446                | \$73,724          |                           |                     |
|   | 6 Site restoration at building addition                                | 1        | ls    | \$45,000           | \$45,000    | \$5,039              | \$50,039    | \$1,001                | \$51,040          |                           |                     |
|   |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$474,048</b>    |
| <b>New Construction</b>                                       |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Five (5) CR - 5th Grade Addition                                     | 7,810    | sf    | \$380              | \$2,967,800 | \$332,342            | \$3,300,142 | \$66,003               | \$3,366,145       |                           |                     |
|   | 2 Cafeteria/Kitchen addition   | 4,800    | sf    | \$380              | \$1,824,000 | \$204,256            | \$2,028,256 | \$40,565               | \$2,068,821       |                           |                     |
|   |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$5,434,966</b>  |
| <b>Remodeling/Rehabilitation</b>                              |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
| <b>exterior</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Replace exterior windows in Media Center                             | 24       | lf    | \$875              | \$21,000    | \$2,352              | \$23,352    | \$467                  | \$23,819          |                           |                     |
|   | 2 Roof replacement in select areas                                     | 5,400    | sf    | \$20               | \$108,000   | \$12,094             | \$120,094   | \$2,402                | \$122,496         |                           |                     |
| <b>interior</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Install new LVT flooring in 2nd floor corridor                       | 2,800    | sf    | \$15               | \$42,000    | \$4,703              | \$46,703    | \$934                  | \$47,637          |                           |                     |
|   | 2 Install new LVT/carpet flooring in 1st/2nd floor CRs                 | 29,345   | sf    | \$15               | \$440,181   | \$49,293             | \$489,474   | \$9,789                | \$499,263         |                           |                     |
|   | 3 Abatement (existing 8x8 VCT)   | 29,345   | sf    | \$2.50             | \$73,364    | \$8,215              | \$81,579    | \$1,632                | \$83,211          |                           |                     |
|   | 4 Install new casework/cabinets in CRs                                 | 18       | cr    | \$10,200           | \$183,600   | \$20,560             | \$204,160   | \$4,083                | \$208,243         |                           |                     |
|   | 5 Install new student/corridor lockers                                 | 315      | ea    | \$200              | \$63,000    | \$7,055              | \$70,055    | \$1,401                | \$71,456          |                           |                     |
|   | 6 Install new interior doors at CRs                                    | 20       | ea    | \$2,400            | \$48,000    | \$5,375              | \$53,375    | \$1,068                | \$54,443          |                           |                     |
|   | 7 Remodel corridor drinking fountain alcoves                           | 4        | ls    | \$2,800            | \$11,200    | \$1,254              | \$12,454    | \$249                  | \$12,703          |                           |                     |
|   | 8 Remodel toilet rms in 1st floor CRs (floors, clgs, fixtures)         | 16       | ea    | \$8,500            | \$136,000   | \$15,230             | \$151,230   | \$3,025                | \$154,254         |                           |                     |
|   | 9 Remodel 2nd floor hallway toilet rooms (floors, clgs, fixtures)      | 800      | sf    | \$100              | \$80,000    | \$8,959              | \$88,959    | \$1,779                | \$90,738          |                           |                     |
|   | 10 Add toilet room in CR 101   | 1        | ls    | \$24,000           | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                           |                     |
|   | 11 Replace wall between rms 106 & 108                                  | 2        | ea    | \$8,500            | \$17,000    | \$1,904              | \$18,904    | \$378                  | \$19,282          |                           |                     |
|   | 12 Replace wainscot wall material in stairwells                        | 1        | ls    | \$65,000           | \$65,000    | \$7,279              | \$72,279    | \$1,446                | \$73,724          |                           |                     |
|   | 13 Remodel existing Kitchen area (for Gym storage)                     | 400      | sf    | \$85               | \$34,000    | \$3,807              | \$37,807    | \$756                  | \$38,564          |                           |                     |
|   | 14 Add acoustical panels in Multi-Purpose (Gym)                        | 1        | ls    | \$55,000           | \$55,000    | \$6,159              | \$61,159    | \$1,223                | \$62,382          |                           |                     |
|   | 15 Install new Gym flooring in Multi-Purpose room                      | 3,200    | sf    | \$18               | \$57,600    | \$6,450              | \$64,050    | \$1,281                | \$65,331          |                           |                     |
|   | 16 Replace interior doors in Multi-P area                              | 11       | ea    | \$2,400            | \$26,400    | \$2,956              | \$29,356    | \$587                  | \$29,943          |                           |                     |
|   | 17 Remodel Multi-P Hallway student restrooms (floors, clgs, fixtures)  | 400      | sf    | \$100              | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                           |                     |
|   | 18 Install new carpeting in Media Center                               | 2,400    | sf    | \$15               | \$36,000    | \$4,031              | \$40,031    | \$801                  | \$40,832          |                           |                     |
|   | 19 Install new carpeting in Meeting Rm 112                             | 720      | sf    | \$15               | \$10,800    | \$1,209              | \$12,009    | \$240                  | \$12,250          |                           |                     |
| <b>mechanical</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Replace CR sinks   | 18       | ea    | \$1,200            | \$21,600    | \$2,419              | \$24,019    | \$480                  | \$24,499          |                           |                     |
|   | 2 Replace corridor drinking fountains with bottle filling stations     | 4        | ea    | \$2,400            | \$9,600     | \$1,075              | \$10,675    | \$214                  | \$10,889          |                           |                     |
|   | 3 Install point of use thermostatic mixing valves at all lavs & sinks. | 36       | ea    | \$200              | \$7,200     | \$806                | \$8,006     | \$160                  | \$8,166           |                           |                     |
|   | 4 Replace all domestic water shut off valves with new ball valves      | 56       | ea    | \$1,000            | \$56,000    | \$6,271              | \$62,271    | \$1,245                | \$63,516          |                           |                     |
|   | 5 Replace storm sump pump.   | 1        | ea    | \$6,000            | \$6,000     | \$672                | \$6,672     | \$133                  | \$6,805           |                           |                     |
|   | 6 Replace (2008) 1000 MBH boilers with new boilers                     | 3        | ea    | \$45,000           | \$135,000   | \$15,118             | \$150,118   | \$3,002                | \$153,120         |                           |                     |
|   | 7 Replace (2019) console unit ventillators with new vert. UVs w/AC     | 10       | ea    | \$40,000           | \$400,000   | \$44,793             | \$444,793   | \$8,896                | \$453,689         |                           |                     |
|   | 8 Replace all original and older roof exhaust fans                     | 10       | ea    | \$2,500            | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                     |
|   | 9 Replace (1999) vert UVs in Media Center with new (reuse VRF cond)    | 3        | ea    | \$30,000           | \$90,000    | \$10,078             | \$100,078   | \$2,002                | \$102,080         |                           |                     |
|   | 10 Replace vert UV in Music room with new                              | 1        | ea    | \$40,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                           |                     |
|   | 11 Replace non working roof cond unit above Media Center               | 1        | ea    | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                           |                     |
|   | 12 Install A/C in remaining instructional areas of building            | 1        | ls    | \$900,000          | \$900,000   | \$100,784            | \$1,000,784 | \$20,016               | \$1,020,800       |                           |                     |
| <b>electrical</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Replace Frank Adams panelboards                                      | 4        | ea    | \$2,500            | \$10,000    | \$1,120              | \$11,120    | \$222                  | \$11,342          |                           |                     |
|   | 2 Replace bell system  | 1        | ea    | \$40,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                           |                     |
|   | 3 Replace remaining fluorescent lighting in building (50%)             | 1        | ea    | \$80,000           | \$80,000    | \$8,959              | \$88,959    | \$1,779                | \$90,738          |                           |                     |
|   | 4 New lighting controls throughout building                            | 1        | ea    | \$60,000           | \$60,000    | \$6,719              | \$66,719    | \$1,334                | \$68,053          |                           |                     |
|   | 5 Electrical work to support mechanical scope                          | 27       | ea    | \$1,500            | \$40,500    | \$4,535              | \$45,035    | \$901                  | \$45,936          |                           |                     |
|   | 6 New 400 amp distribution panel to feed new AC units                  | 2        | ea    | \$16,000           | \$32,000    |                      |             |                        | \$81,664          |                           |                     |
|   |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$4,066,237</b>  |
| <b>Technology</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Instructional Technology/Equipment (computers/printers)              | 1        | ls    | \$850,000          | \$850,000   | \$95,185             | \$945,185   | \$18,904               | \$964,089         |                           |                     |
|   |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$964,089</b>    |
| <b>Furnishings/Equipment</b>                                  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Classroom furnishings/equipment                                      | 29,345   | sf    | \$10               | \$293,454   | \$32,862             | \$326,316   | \$6,526                | \$332,842         |                           |                     |
|   | 2 Kitchen equipment  | 1        | ls    | \$100,000          | \$100,000   | \$11,198             | \$111,198   | \$2,224                | \$113,422         |                           |                     |
|   |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$446,264</b>    |
| Total Site/Construction/Remodeling/Technology/Equipment Costs |  |          |       |                    |             |                      |             |                        |                   | <b>Sub-Total</b>          | <b>\$11,385,604</b> |
|   |  |          |       |                    |             |                      |             |                        |                   | Contingency               | \$1,138,560         |
|   |  |          |       |                    |             |                      |             |                        |                   | CM Fee/Reimbursables      | \$1,158,176         |
|   |  |          |       |                    |             |                      |             |                        |                   | A/E Fee/Reimbursables     | \$1,060,381         |
|   |  |          |       |                    |             |                      |             |                        |                   | <b>Total Project Cost</b> | <b>\$14,742,722</b> |

# Building Utilization

## School Building Name

Highview Elementary School

Project No. [n] 1

Current Grade Structure K-4  
Proposed Grade Structure K-5

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

| Existing               | List # of Teaching Stations | Capacity Factor | Capacity   |
|------------------------|-----------------------------|-----------------|------------|
| (K-2) Lower Elementary | 11                          | 20              | 220        |
| (3-5) Upper Elementary | 6                           | 25              | 150        |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>17</b>                   |                 | <b>370</b> |
| Proposed New           | List # of Teaching Stations | Capacity Factor | Capacity   |
| (K-2) Lower Elementary |                             | 20              | 0          |
| (3-5) Upper Elementary | 5                           | 25              | 125        |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>5</b>                    |                 | <b>125</b> |
| <b>Total</b>           | <b>22</b>                   |                 | <b>495</b> |

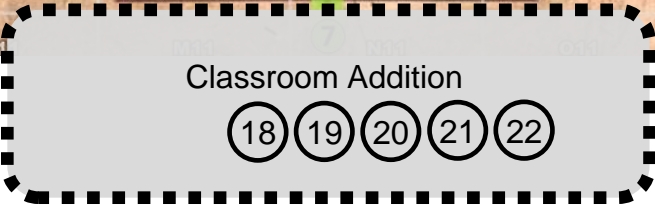
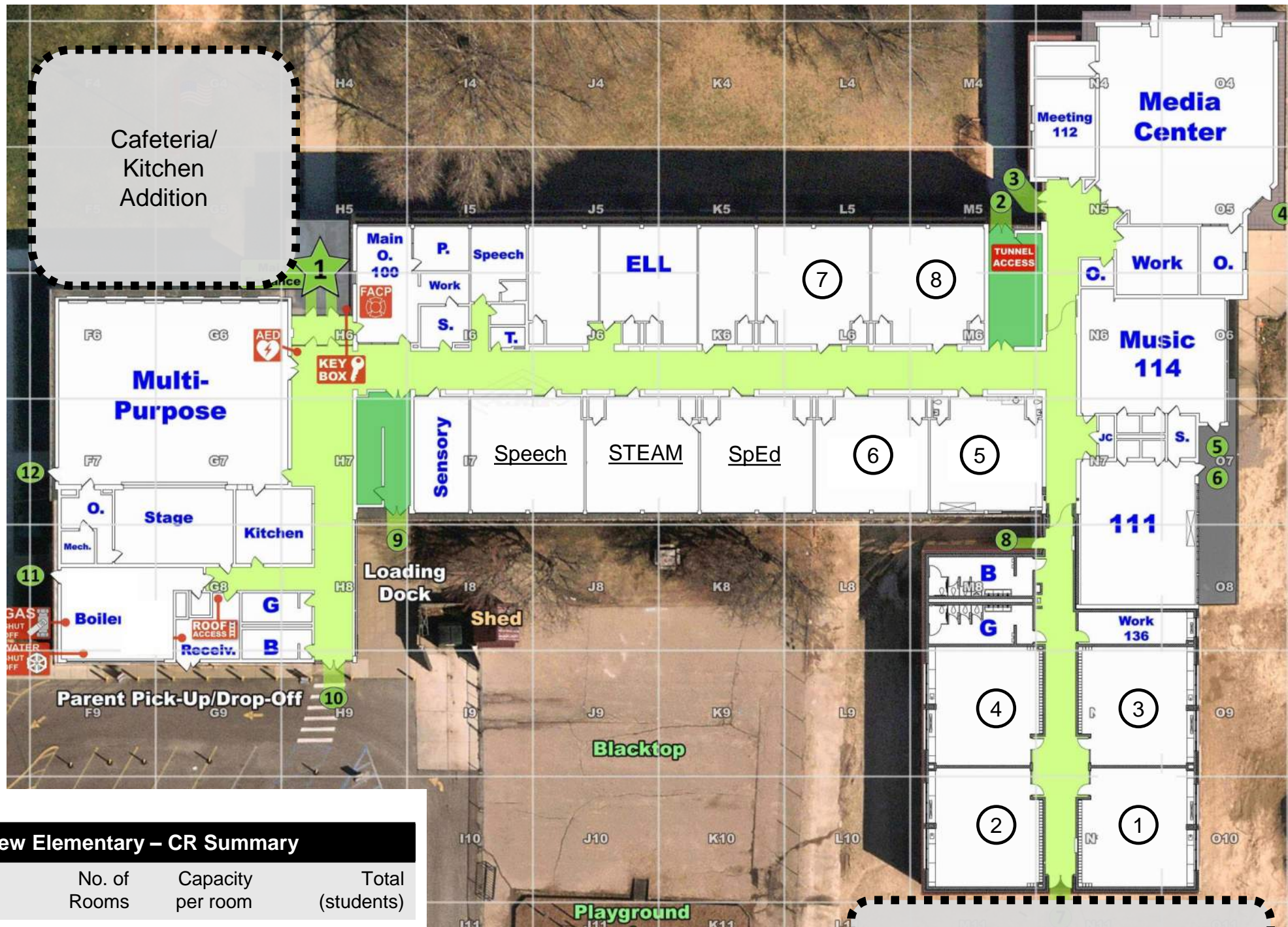
| Facility to be Closed  | List # of Teaching Stations | Capacity Factor | Capacity |
|------------------------|-----------------------------|-----------------|----------|
| (K-2) Lower Elementary |                             | 20              | 0        |
| (3-5) Upper Elementary |                             | 25              | 0        |
| (6-8) Junior High      |                             | 22.5            | 0        |
| (9-12) High School     |                             | 21.25           | 0        |
| <b>Total</b>           | <b>0</b>                    |                 | <b>0</b> |

Projected 5-Year Enrollment 468

Utilization Percentage 95%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



| Highview Elementary – CR Summary |              |                   |                  |
|----------------------------------|--------------|-------------------|------------------|
| Grade Level                      | No. of Rooms | Capacity per room | Total (students) |
| K-2                              | 11           | 20                | 220              |
| 3-5                              | 11           | 25                | 275              |
| <b>TOTAL</b>                     | <b>22</b>    |                   | <b>495</b>       |

**FIRST FLOOR PLAN**



**Highview Elementary – 2nd Floor**  
(see First Floor Plan for CR Summary)

# Project Sheet

|                                    |                        |          |
|------------------------------------|------------------------|----------|
| <b>Hillcrest Elementary School</b> | <b>Project No. [n]</b> | <b>2</b> |
|------------------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input checked="" type="checkbox"/> New addition          | <input checked="" type="checkbox"/> New addition          | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input checked="" type="checkbox"/> Instructional tech.   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

|  |        |                |    |     |
|--|--------|----------------|----|-----|
| New Stand-Alone Construction Square Ft |        | Cost per Sq Ft |    |     |
| New Addition Square Ft.                | 10,247 | Cost per Sq Ft | \$ | 463 |

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|   |  |   |  |  |
|---|--|---|--|--|
| <input type="checkbox"/> None noted           | <input checked="" type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | 1.   | 2.  | 3.   |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1            | Series 2             | Series 3    | - | Total                |
|------------------------------|---------------------|----------------------|-------------|---|----------------------|
| New Construction             | \$ 2,315,524        | \$ 2,427,635         | \$ -        |   | \$ 4,743,159         |
| Remodeling                   | \$ -                | \$ 3,805,095         | \$ -        |   | \$ 3,805,095         |
| Construction Contingencies   | \$ 153,036          | \$ 1,024,164         | \$ -        |   | \$ 1,177,200         |
| Instructional Technology     | \$ -                | \$ 964,089           | \$ -        |   | \$ 964,089           |
| Loose Furnishing/Equipment   | \$ -                | \$ 414,613           | \$ -        |   | \$ 414,613           |
| Buses                        | \$ -                | \$ -                 | \$ -        |   | \$ -                 |
| Site Work                    | \$ -                | \$ 1,845,039         | \$ -        |   | \$ 1,845,039         |
| Site Acquisition             | \$ -                | \$ -                 | \$ -        |   | \$ -                 |
| Architectural Fees and Costs | \$ 1,065,350        | \$ 31,334            | \$ -        |   | \$ 1,096,684         |
| CM Fees and Costs            | \$ 875,422          | \$ 326,138           | \$ -        |   | \$ 1,201,560         |
| <b>Estimated Costs</b>       | <b>\$ 4,409,332</b> | <b>\$ 10,838,107</b> | <b>\$ -</b> |   | <b>\$ 15,247,439</b> |

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

|  |                     |                |                                      |
|--|---------------------|----------------|--------------------------------------|
|  | Date                | 6/12/2024      | French Associates, Inc. - 1301033304 |
| Signature  | Date                |                | Firm Name and License Number         |
| Dale C. Jerome   | dalej@frenchaia.com | (248) 656-1377 |                                      |
| Printed Name   | E-mail Address      | Phone Number   |                                      |

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

**Existing Building SF: 44,258**  
**New Construction SF: 10,247**  
**Total Building SF: 54,505**

**2. Hillcrest Elementary**

| Category   | Work Item Description  | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate   |
|--|--|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|---------------------------|---------------------|
| <b>Site Work</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Paving and sidewalk replacment                                     | 1        | ls    | \$527,200          | \$527,200   | \$59,037             | \$586,237   | \$11,725               | \$597,962         |                           |                     |
|  | 2 Relocate playground to open area behind school (for new parking)   | 1        | ls    | \$325,000          | \$325,000   | \$36,394             | \$361,394   | \$7,228                | \$368,622         |                           |                     |
|  | 3 Add new parking lot at East end of site (existing playground area) | 22,500   | sf    | \$5                | \$112,500   | \$12,598             | \$125,098   | \$2,502                | \$127,600         |                           |                     |
|  | 4 Add parking along Fenton Ave.                                      | 6,400    | sf    | \$5                | \$32,000    | \$3,583              | \$35,583    | \$712                  | \$36,295          |                           |                     |
|  | 5 Incorporate bus loop (along Fenton)                                | 1        | ls    | \$125,000          | \$125,000   | \$13,998             | \$138,998   | \$2,780                | \$141,778         |                           |                     |
|  | 6 Stormwater detention (allowance)                                   | 1        | ls    | \$250,000          | \$250,000   | \$27,996             | \$277,996   | \$5,560                | \$283,556         |                           |                     |
|  | 7 Install additional fencing   | 1        | ls    | \$25,000           | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                     |
|  | 8 Install exterior digital sign                                      | 1        | ls    | \$40,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                           |                     |
|  | 9 Create outdoor CR area in courtyard w/ shade canopy                | 1        | ls    | \$65,000           | \$65,000    | \$7,279              | \$72,279    | \$1,446                | \$73,724          |                           |                     |
|  | 10 Site restoration at building addition (slope conditions)          | 1        | ls    | \$125,000          | \$125,000   | \$13,998             | \$138,998   | \$2,780                | \$141,778         |                           |                     |
|  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$1,845,039</b>  |
| <b>New Construction</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Three (3) CR - 5th Grade Addition                                  | 5,447    | sf    | \$380              | \$2,069,860 | \$231,788            | \$2,301,648 | \$46,033               | \$2,347,681       |                           |                     |
|  | 2 Cafeteria/Kitchen addition   | 4,800    | sf    | \$440              | \$2,112,000 | \$236,507            | \$2,348,507 | \$46,970               | \$2,395,477       |                           |                     |
|  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$4,743,158</b>  |
| <b>Remodeling/Rehabilitation</b>                                     |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
| <b>exterior</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Install new canopy at main entrance walkway                        | 1        | ls    | \$125,000          | \$125,000   | \$13,998             | \$138,998   | \$2,780                | \$141,778         |                           |                     |
|  | 2 Replace metal roofing at Media Center                              | 4,000    | sf    | \$40               | \$160,000   | \$17,917             | \$177,917   | \$3,558                | \$181,476         |                           |                     |
|  | 3 Replace exterior windows in Media Center                           | 24       | lf    | \$875              | \$21,000    | \$2,352              | \$23,352    | \$467                  | \$23,819          |                           |                     |
|  | 4 Roofing replacement in select areas                                | 6,450    | sf    | \$20               | \$129,000   | \$14,446             | \$143,446   | \$2,869                | \$146,315         |                           |                     |
| <b>interior</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Install new LVT flooring in corridors                              | 8,852    | sf    | \$15               | \$132,774   | \$14,868             | \$147,642   | \$2,953                | \$150,595         |                           |                     |
|  | 2 Install new LVT/carpet flooring in CRs                             | 17,703   | sf    | \$15               | \$265,548   | \$29,737             | \$295,285   | \$5,906                | \$301,190         |                           |                     |
|  | 3 Abatement (existing 8x8 VCT)                                       | 26,555   | sf    | \$2.50             | \$66,387    | \$7,434              | \$73,821    | \$1,476                | \$75,298          |                           |                     |
|  | 4 Install new ceiling tile and grid                                  | 26,555   | sf    | \$4.50             | \$119,497   | \$13,382             | \$132,878   | \$2,658                | \$135,536         |                           |                     |
|  | 5 Install new casework/cabinets in CRs                               | 17       | cr    | \$10,200           | \$173,400   | \$19,418             | \$192,818   | \$3,856                | \$196,674         |                           |                     |
|  | 6 Install new student/corridor lockers                               | 350      | ea    | \$200              | \$70,000    | \$7,839              | \$77,839    | \$1,557                | \$79,396          |                           |                     |
|  | 7 Install new interior doors at CRs                                  | 40       | ea    | \$2,400            | \$96,000    | \$10,750             | \$106,750   | \$2,135                | \$108,885         |                           |                     |
|  | 8 Relocate Art Room to room 112 (floors/clgs/cabinetry)              | 1,000    | sf    | \$85               | \$85,000    | \$9,519              | \$94,519    | \$1,890                | \$96,409          |                           |                     |
|  | 9 Remodel existing Kitchen area (for Gym storage)                    | 400      | sf    | \$85               | \$34,000    | \$3,807              | \$37,807    | \$756                  | \$38,564          |                           |                     |
|  | 10 Add acoustical panels in Multi-Purpose (Gym)                      | 1        | ls    | \$55,000           | \$55,000    | \$6,159              | \$61,159    | \$1,223                | \$62,382          |                           |                     |
|  | 11 Install new Gym flooring in Multi-Purpose room                    | 3,200    | sf    | \$18               | \$57,600    | \$6,450              | \$64,050    | \$1,281                | \$65,331          |                           |                     |
|  | 12 Remodel clerical station in office area (flooring/casework)       | 1        | ls    | \$8,500            | \$8,500     | \$952                | \$9,452     | \$189                  | \$9,641           |                           |                     |
|  | 13 Remodel Toilet Rm in main office area (floors/clgs/fixtures)      | 1        | ea    | \$18,000           | \$18,000    | \$2,016              | \$20,016    | \$400                  | \$20,416          |                           |                     |
|  | 14 Remodel D Hallway student restrooms (floors/clgs/fixtures)        | 800      | sf    | \$100              | \$80,000    | \$8,959              | \$88,959    | \$1,779                | \$90,738          |                           |                     |
|  | 15 Remodel B Hallway student restrooms (floors/clgs/fixtures)        | 800      | sf    | \$100              | \$80,000    | \$8,959              | \$88,959    | \$1,779                | \$90,738          |                           |                     |
|  | 16 Remodel Toilet Rms in rooms 108 & 109 (floors/clgs/fixtures)      | 2        | ea    | \$18,000           | \$36,000    | \$4,031              | \$40,031    | \$801                  | \$40,832          |                           |                     |
|  | 17 Install new carpeting in Media Center                             | 2,400    | sf    | \$15               | \$36,000    | \$4,031              | \$40,031    | \$801                  | \$40,832          |                           |                     |
|  | Remodel Resource Rm adjacent to Med Ctr for Resource/linenart        |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 18 Offices (flooring/casework)                                       | 1,000    | sf    | \$85               | \$85,000    | \$9,519              | \$94,519    | \$1,890                | \$96,409          |                           |                     |
| <b>mechanical</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Add sink in Art Room   | 1        | ea    | \$1,200            | \$1,200     | \$134                | \$1,334     | \$27                   | \$1,361           |                           |                     |
|  | 2 Add bottle filler station in C Hallway                             | 1        | ea    | \$2,400            | \$2,400     | \$269                | \$2,669     | \$53                   | \$2,722           |                           |                     |
|  | 3 Replace (2017) 125 MBH domestic water heater with new              | 1        |       | \$10,000           | \$10,000    | \$1,120              | \$11,120    | \$222                  | \$11,342          |                           |                     |
|  | 4 Replace ( ) 1500 MBH boilers with new boilers                      | 2        |       | \$60,000           | \$120,000   | \$13,438             | \$133,438   | \$2,669                | \$136,107         |                           |                     |
|  | 5 Replace (2017) 160 gpm@70' 7.5hp heating hot water pumps with new  | 2        |       | \$0                | \$0         | \$0                  | \$0         | \$0                    | \$0               |                           |                     |
|  | 6 Replace (2017) console unit ventilators with new vert. UVs w/AC    | 11       |       | \$40,000           | \$440,000   | \$49,272             | \$489,272   | \$9,785                | \$499,058         |                           |                     |
|  | 7 Replace all original (1957) and older roof exhaust fans            | 5        |       | \$2,500            | \$12,500    | \$1,400              | \$13,900    | \$278                  | \$14,178          |                           |                     |
|  | 8 Replace ( ) vert UVs in Media Center. Reuse VRF units on roof      | 4        |       | \$30,000           | \$120,000   | \$13,438             | \$133,438   | \$2,669                | \$136,107         |                           |                     |
|  | 9 Provide an exhaust fan for the unventilated kitchen                | 1        |       | \$5,000            | \$5,000     | \$560                | \$5,560     | \$111                  | \$5,671           |                           |                     |
|  | 10 Replace old CUHs  | 4        |       | \$6,000            | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                           |                     |
|  | 11 Replace (2017) 3 ton RTU-1  | 1        |       | \$12,000           | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                           |                     |
|  | 12 Install A/C in remaining instructional areas of building          | 1        | ls    | \$560,000          | \$560,000   | \$62,710             | \$622,710   | \$12,454               | \$635,164         |                           |                     |
| <b>electrical</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Replace bell system  | 1        |       | \$50,000           | \$50,000    | \$5,599              | \$55,599    | \$1,112                | \$56,711          |                           |                     |
|  | 2 Replace fluorescent lighting in building (80%)                     | 1        |       | \$160,000          | \$160,000   | \$17,917             | \$177,917   | \$3,558                | \$181,476         |                           |                     |
|  | 3 New lighting controls throughout building                          | 1        |       | \$75,000           | \$75,000    | \$8,399              | \$83,399    | \$1,668                | \$85,067          |                           |                     |
|  | 4 Replace old Square D panels  | 3        |       | \$2,500            | \$7,500     | \$840                | \$8,340     | \$167                  | \$8,507           |                           |                     |
|  | 5 Electrical work to support mechanical scope                        | 23       |       | \$1,500            | \$34,500    | \$3,863              | \$38,363    | \$767                  | \$39,131          |                           |                     |
|  | 6 New 400 amp distribution panel to feed new AC units                | 2        |       | \$16,000           | \$32,000    |                      |             |                        | \$81,664          |                           |                     |
|  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$3,805,095</b>  |
| <b>Technology</b>  |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Instructional Technology/Equipment (Computers/Printers)            | 1        | ls    | \$850,000          | \$850,000   | \$95,185             | \$945,185   | \$18,904               | \$964,089         |                           |                     |
|  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$964,089</b>    |
| <b>Furnishings/Equipment</b>   |  |          |       |                    |             |                      |             |                        |                   |                           |                     |
|  | 1 Classroom furnishings/equipment                                    | 26,555   | sf    | \$10               | \$265,548   | \$29,737             | \$295,285   | \$5,906                | \$301,190         |                           |                     |
|  | 2 Kitchen equipment  | 1        | ls    | \$100,000          | \$100,000   | \$11,198             | \$111,198   | \$2,224                | \$113,422         |                           |                     |
|  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                           | <b>\$414,613</b>    |
| <b>Total Site/Construction/Remodeling/Technology/Equipment Costs</b> |  |          |       |                    |             |                      |             |                        |                   | <b>Sub-Total</b>          | <b>\$11,771,994</b> |
|  |  |          |       |                    |             |                      |             |                        |                   | Contingency               | \$1,177,199         |
|  |  |          |       |                    |             |                      |             |                        |                   | CM Fee/Reimbursables      | \$1,201,560         |
|  |  |          |       |                    |             |                      |             |                        |                   | A/E Fee/Reimbursables     | \$1,096,683         |
|  |  |          |       |                    |             |                      |             |                        |                   | <b>Total Project Cost</b> | <b>\$15,247,437</b> |

# Building Utilization

## School Building Name

Hillcrest Elementary School

Project No. [n] 2

Current Grade Structure K-4  
 Proposed Grade Structure K-5

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

| Existing               | List # of Teaching Stations | Capacity Factor | Capacity   |
|------------------------|-----------------------------|-----------------|------------|
| (K-2) Lower Elementary | 8                           | 20              | 160        |
| (3-5) Upper Elementary | 7                           | 25              | 175        |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>15</b>                   |                 | <b>335</b> |

| Proposed New           | List # of Teaching Stations | Capacity Factor | Capacity   |
|------------------------|-----------------------------|-----------------|------------|
| (K-2) Lower Elementary |                             | 20              | 0          |
| (3-5) Upper Elementary | 3                           | 25              | 75         |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>3</b>                    |                 | <b>75</b>  |
| <b>Total</b>           | <b>18</b>                   |                 | <b>410</b> |

| Facility to be Closed  | List # of Teaching Stations | Capacity Factor | Capacity |
|------------------------|-----------------------------|-----------------|----------|
| (K-2) Lower Elementary |                             | 20              | 0        |
| (3-5) Upper Elementary |                             | 25              | 0        |
| (6-8) Junior High      |                             | 22.5            | 0        |
| (9-12) High School     |                             | 21.25           | 0        |
| <b>Total</b>           | <b>0</b>                    |                 | <b>0</b> |

Projected 5-Year Enrollment 336

Utilization Percentage 82%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



### Hillcrest Elementary – CR Summary

| Grade Level  | No. of Rooms | Capacity per room | Total (students) |
|--------------|--------------|-------------------|------------------|
| K-2          | 8            | 20                | 160              |
| 3-5          | 10           | 25                | 250              |
| <b>TOTAL</b> | <b>18</b>    |                   | <b>410</b>       |

# Project Sheet

|                                  |                        |          |
|----------------------------------|------------------------|----------|
| <b>Kinloch Elementary School</b> | <b>Project No. [n]</b> | <b>3</b> |
|----------------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input checked="" type="checkbox"/> New addition          | <input checked="" type="checkbox"/> New addition          | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input checked="" type="checkbox"/> Instructional tech.   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

|  |        |                |        |
|--|--------|----------------|--------|
| New Stand-Alone Construction Square Ft |        | Cost per Sq Ft |        |
| New Addition Square Ft.                | 12,610 | Cost per Sq Ft | \$ 431 |

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|   |  |   |  |  |
|---|--|---|--|--|
| <input type="checkbox"/> None noted           | <input checked="" type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | 1.   | 2.  | 3.   |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1            | Series 2             | Series 3    | - | Total                |
|------------------------------|---------------------|----------------------|-------------|---|----------------------|
| New Construction             | \$ 2,653,252        | \$ 2,781,714         | \$ -        |   | \$ 5,434,966         |
| Remodeling                   | \$ -                | \$ 4,267,996         | \$ -        |   | \$ 4,267,996         |
| Construction Contingencies   | \$ 150,578          | \$ 1,007,713         | \$ -        |   | \$ 1,158,291         |
| Instructional Technology     | \$ -                | \$ 964,089           | \$ -        |   | \$ 964,089           |
| Loose Furnishing/Equipment   | \$ -                | \$ 427,420           | \$ -        |   | \$ 427,420           |
| Buses                        | \$ -                | \$ -                 | \$ -        |   | \$ -                 |
| Site Work                    | \$ -                | \$ 488,430           | \$ -        |   | \$ 488,430           |
| Site Acquisition             | \$ -                | \$ -                 | \$ -        |   | \$ -                 |
| Architectural Fees and Costs | \$ 1,048,111        | \$ 30,827            | \$ -        |   | \$ 1,078,938         |
| CM Fees and Costs            | \$ 860,139          | \$ 320,444           | \$ -        |   | \$ 1,180,583         |
| <b>Estimated Costs</b>       | <b>\$ 4,712,080</b> | <b>\$ 10,288,633</b> | <b>\$ -</b> |   | <b>\$ 15,000,713</b> |

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

|  |                     |                |                                      |
|--|---------------------|----------------|--------------------------------------|
|  | Date                | 6/12/2024      | French Associates, Inc. - 1301033304 |
| Signature  | Date                |                | Firm Name and License Number         |
| Dale C. Jerome   | dalej@frenchaia.com | (248) 656-1377 |                                      |
| Printed Name   | E-mail Address      | Phone Number   |                                      |

**WORK LIST**

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

**Existing Building SF: 46,140**  
**New Construction SF: 12,610**  
**Total Building SF: 58,750**

**3. Kinloch Elementary**

| Category   | Work Item Description  | Quantity | Units | Units/s.f. Cost | Base Cost   | Escalation 11.20% | Subtotal    | General Cond. 2.00% | Projected Cost | Sub-Total Estimate        | Total Estimate      |
|--|--|----------|-------|-----------------|-------------|-------------------|-------------|---------------------|----------------|---------------------------|---------------------|
| <b>Site Work</b>   |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Paving and sidewalk replacment                                   | 1        | ls    | \$15,630        | \$15,630    | \$1,750           | \$17,380    | \$348               | \$17,728       |                           |                     |
|  | 2 Expand & improve existing playground area                        | 1        | ls    | \$175,000       | \$175,000   | \$19,597          | \$194,597   | \$3,892             | \$198,489      |                           |                     |
|  | 3 Install additional fencing                                       | 1        | ls    | \$25,000        | \$25,000    | \$2,800           | \$27,800    | \$556               | \$28,356       |                           |                     |
|  | 4 Install exterior digital sign                                    | 1        | ls    | \$40,000        | \$40,000    | \$4,479           | \$44,479    | \$890               | \$45,369       |                           |                     |
|  | 5 Create outdoor CR area in courtyards w/ shade canopy             | 2        | ls    | \$65,000        | \$130,000   | \$14,558          | \$144,558   | \$2,891             | \$147,449      |                           |                     |
|  | 6 Site restoration at building addition                            | 1        | ls    | \$45,000        | \$45,000    | \$5,039           | \$50,039    | \$1,001             | \$51,040       |                           |                     |
|  |  |          |       | <b>Subtotal</b> |             |                   |             |                     |                | <b>\$488,430</b>          |                     |
| <b>New Construction</b>  |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Five (5) CR - 5th Grade Addition                                 | 7,810    | sf    | \$380           | \$2,967,800 | \$332,342         | \$3,300,142 | \$66,003            | \$3,366,145    |                           |                     |
|  | 2 Cafeteria/Kitchen addition                                       | 4,800    | sf    | \$380           | \$1,824,000 | \$204,256         | \$2,028,256 | \$40,565            | \$2,068,821    |                           |                     |
|  |  |          |       | <b>Subtotal</b> |             |                   |             |                     |                | <b>\$5,434,966</b>        | <b>\$0</b>          |
| <b>Remodeling/Rehabilitation</b>                                     |  |          |       |                 |             |                   |             |                     |                |                           |                     |
| <b>exterior</b>  |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Install metal siding over exterior stucco areas                  | 6,800    | sf    | \$28            | \$190,400   | \$21,321          | \$211,721   | \$4,234             | \$215,956      |                           |                     |
|  | 2 Roofing replacement at select areas                              | 9,715    | sf    | \$20            | \$194,300   | \$21,758          | \$216,058   | \$4,321             | \$220,379      |                           |                     |
| <b>interior</b>  |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Install new LVT flooring in A Hallway                            | 2,400    | sf    | \$15            | \$36,000    | \$4,031           | \$40,031    | \$801               | \$40,832       |                           |                     |
|  | 2 Install new LVT flooring in F Hallway                            | 1,500    | sf    | \$15            | \$22,500    | \$2,520           | \$25,020    | \$500               | \$25,520       |                           |                     |
|  | 3 Install new LVT flooring in G Hallway                            | 1,800    | sf    | \$15            | \$27,000    | \$3,024           | \$30,024    | \$600               | \$30,624       |                           |                     |
|  | 4 Install new LVT/carpet flooring in CRs                           | 18,456   | sf    | \$15            | \$276,840   | \$31,001          | \$307,841   | \$6,157             | \$313,998      |                           |                     |
|  | 5 Abatement (existing 8x8 VCT)                                     | 27,684   | sf    | \$2.50          | \$69,210    | \$7,750           | \$76,960    | \$1,539             | \$78,500       |                           |                     |
|  | 6 Install new ceiling tile and grid                                | 27,684   | sf    | \$4.50          | \$124,578   | \$13,951          | \$138,529   | \$2,771             | \$141,299      |                           |                     |
|  | 7 Install new casework/cabinets in CRs                             | 18       | cr    | \$10,200        | \$183,600   | \$20,560          | \$204,160   | \$4,083             | \$208,243      |                           |                     |
|  | 8 Install new student/corridor lockers                             | 350      | ea    | \$200           | \$70,000    | \$7,839           | \$77,839    | \$1,557             | \$79,396       |                           |                     |
|  | 9 Interior doors at CRs  | 18       | ea    | \$2,400         | \$43,200    | \$4,838           | \$48,038    | \$961               | \$48,998       |                           |                     |
|  | 10 Remodel existing Kitchen area (for Gym storage)                 | 400      | sf    | \$85            | \$34,000    | \$3,807           | \$37,807    | \$756               | \$38,564       |                           |                     |
|  | 11 Add acoustical panels in Multi-Purpose (Gym)                    | 1        | ls    | \$55,000        | \$55,000    | \$6,159           | \$61,159    | \$1,223             | \$62,382       |                           |                     |
|  | 12 Install new Gym flooring in Multi-Purpose room                  | 3,200    | sf    | \$18            | \$57,600    | \$6,450           | \$64,050    | \$1,281             | \$65,331       |                           |                     |
|  | 13 Remodel A Hallway student restrooms (floors/clgs/fixtures)      | 800      | sf    | \$100           | \$80,000    | \$8,959           | \$88,959    | \$1,779             | \$90,738       |                           |                     |
|  | 14 Remodel F Hallway student restrooms (floors/clgs/fixtures)      | 800      | sf    | \$100           | \$80,000    | \$8,959           | \$88,959    | \$1,779             | \$90,738       |                           |                     |
|  | 15 Remodel G Hallway student restrooms (floors/clgs/fixtures)      | 800      | sf    | \$100           | \$80,000    | \$8,959           | \$88,959    | \$1,779             | \$90,738       |                           |                     |
|  | 16 Remodel Toilet Rms in Rms 500 & 501 (floors/clgs/fixtures)      | 4        | ea    | \$18,000        | \$72,000    | \$8,063           | \$80,063    | \$1,601             | \$81,664       |                           |                     |
|  | 17 Replace wall between Spec Ed 504 & Speech Rm                    | 1        | ls    | \$8,500         | \$8,500     | \$952             | \$9,452     | \$189               | \$9,641        |                           |                     |
|  | 18 Install new carpeting in Media Center                           | 2,400    | sf    | \$15            | \$36,000    | \$4,031           | \$40,031    | \$801               | \$40,832       |                           |                     |
|  | 19 Install new clg tile & grid in Media Center                     | 2,400    | sf    | \$4.50          | \$10,800    | \$1,209           | \$12,009    | \$240               | \$12,250       |                           |                     |
| <b>mechanical</b>  |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Replace all domestic water shut off valves with new ball valves  | 56       |       | \$1,000         | \$56,000    | \$6,271           | \$62,271    | \$1,245             | \$63,516       |                           |                     |
|  | 2 Replace (1992) 199 MBH domestic water heater with new            | 1        |       | \$10,000        | \$10,000    | \$1,120           | \$11,120    | \$222               | \$11,342       |                           |                     |
|  | 3 Replace (2008) 1000 MBH boilers with new boilers                 | 3        |       | \$45,000        | \$135,000   | \$15,118          | \$150,118   | \$3,002             | \$153,120      |                           |                     |
|  | 4 Replace (230 gpm) heating hot water pumps with new               | 2        |       | \$20,000        | \$40,000    | \$4,479           | \$44,479    | \$890               | \$45,369       |                           |                     |
|  | 5 Replace expansion tank with new                                  | 1        |       | \$5,000         | \$5,000     | \$560             | \$5,560     | \$111               | \$5,671        |                           |                     |
|  | 6 Replace console unit ventiaitors with new vert. UVs w/AC         | 17       |       | \$40,000        | \$680,000   | \$76,148          | \$756,148   | \$15,123            | \$771,271      |                           |                     |
|  | 7 Replace all original and older roof exhaust fans                 | 10       |       | \$2,500         | \$25,000    | \$2,800           | \$27,800    | \$556               | \$28,356       |                           |                     |
|  | 8 Replace (1999) vert UVs in Media Center with new reuse VRF units | 5        |       | \$30,000        | \$150,000   | \$16,797          | \$166,797   | \$3,336             | \$170,133      |                           |                     |
|  | 9 Install A/C in remaining instructional areas of building         | 1        | ls    | \$470,000       | \$470,000   | \$52,632          | \$522,632   | \$10,453            | \$533,084      |                           |                     |
| <b>electrical</b>  |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Replace bell system  | 1        |       | \$47,000        | \$47,000    | \$5,263           | \$52,263    | \$1,045             | \$53,308       |                           |                     |
|  | 2 Replace fluorescent lighting in building (80%)                   | 1        |       | \$150,400       | \$150,400   | \$16,842          | \$167,242   | \$3,345             | \$170,587      |                           |                     |
|  | 3 New lighting controls throughout building                        | 1        |       | \$70,500        | \$70,500    | \$7,895           | \$78,395    | \$1,568             | \$79,963       |                           |                     |
|  | 4 Replace old Square D panels                                      | 2        |       | \$2,500         | \$5,000     | \$560             | \$5,560     | \$111               | \$5,671        |                           |                     |
|  | 5 Provide new panels for additional circuits                       | 2        |       | \$8,000         | \$16,000    | \$1,792           | \$17,792    | \$356               | \$18,148       |                           |                     |
|  | 6 Replace emergency lighting in corridors                          | 1        |       | \$22,500        | \$22,500    | \$2,520           | \$25,020    | \$500               | \$25,520       |                           |                     |
|  | 7 Electrical work to support mechanical scope                      | 38       |       | \$1,500         | \$57,000    | \$6,383           | \$63,383    | \$1,268             | \$64,651       |                           |                     |
|  | 8 New 400 amp distribution panel to feed new AC units              | 2        |       | \$16,000        | \$32,000    |                   |             |                     | \$81,664       |                           |                     |
|  |  |          |       | <b>Subtotal</b> |             |                   |             |                     |                | <b>\$4,267,996</b>        |                     |
| <b>Technology</b>  |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Instructional Technology/Equipment (computers/printers)          | 1        | ls    | \$850,000       | \$850,000   | \$95,185          | \$945,185   | \$18,904            | \$964,089      |                           |                     |
|  |  |          |       | <b>Subtotal</b> |             |                   |             |                     |                | <b>\$964,089</b>          |                     |
| <b>Furnishings/Equipment</b>   |  |          |       |                 |             |                   |             |                     |                |                           |                     |
|  | 1 Classroom furnishings/equipment                                  | 27,684   | sf    | \$10            | \$276,840   | \$31,001          | \$307,841   | \$6,157             | \$313,998      |                           |                     |
|  | 2 Kitchen equipment  | 1        | ls    | \$100,000       | \$100,000   | \$11,198          | \$111,198   | \$2,224             | \$113,422      |                           |                     |
|  |  |          |       | <b>Subtotal</b> |             |                   |             |                     |                | <b>\$427,420</b>          |                     |
| <b>Total Site/Construction/Remodeling/Technology/Equipment Costs</b> |  |          |       |                 |             |                   |             |                     |                | <b>Sub-Total</b>          | <b>\$11,582,901</b> |
|  |  |          |       |                 |             |                   |             |                     |                | Contingency               | \$1,158,290         |
|  |  |          |       |                 |             |                   |             |                     |                | CM Fee/Reimbursables      | \$1,180,583         |
|  |  |          |       |                 |             |                   |             |                     |                | A/E Fee/Reimbursables     | \$1,078,938         |
|  |  |          |       |                 |             |                   |             |                     |                | <b>Total Project Cost</b> | <b>\$15,000,713</b> |

# Building Utilization

## School Building Name

Kinloch Elementary School

Project No. [n] 3

Current Grade Structure K-4  
 Proposed Grade Structure K-5

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

| Existing               | List # of Teaching Stations | Capacity Factor | Capacity   |
|------------------------|-----------------------------|-----------------|------------|
| (K-2) Lower Elementary | 13                          | 20              | 260        |
| (3-5) Upper Elementary | 9                           | 25              | 225        |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>22</b>                   |                 | <b>485</b> |
| Proposed New           | List # of Teaching Stations | Capacity Factor | Capacity   |
| (K-2) Lower Elementary |                             | 20              | 0          |
| (3-5) Upper Elementary | 5                           | 25              | 125        |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>5</b>                    |                 | <b>125</b> |
| <b>Total</b>           | <b>27</b>                   |                 | <b>610</b> |

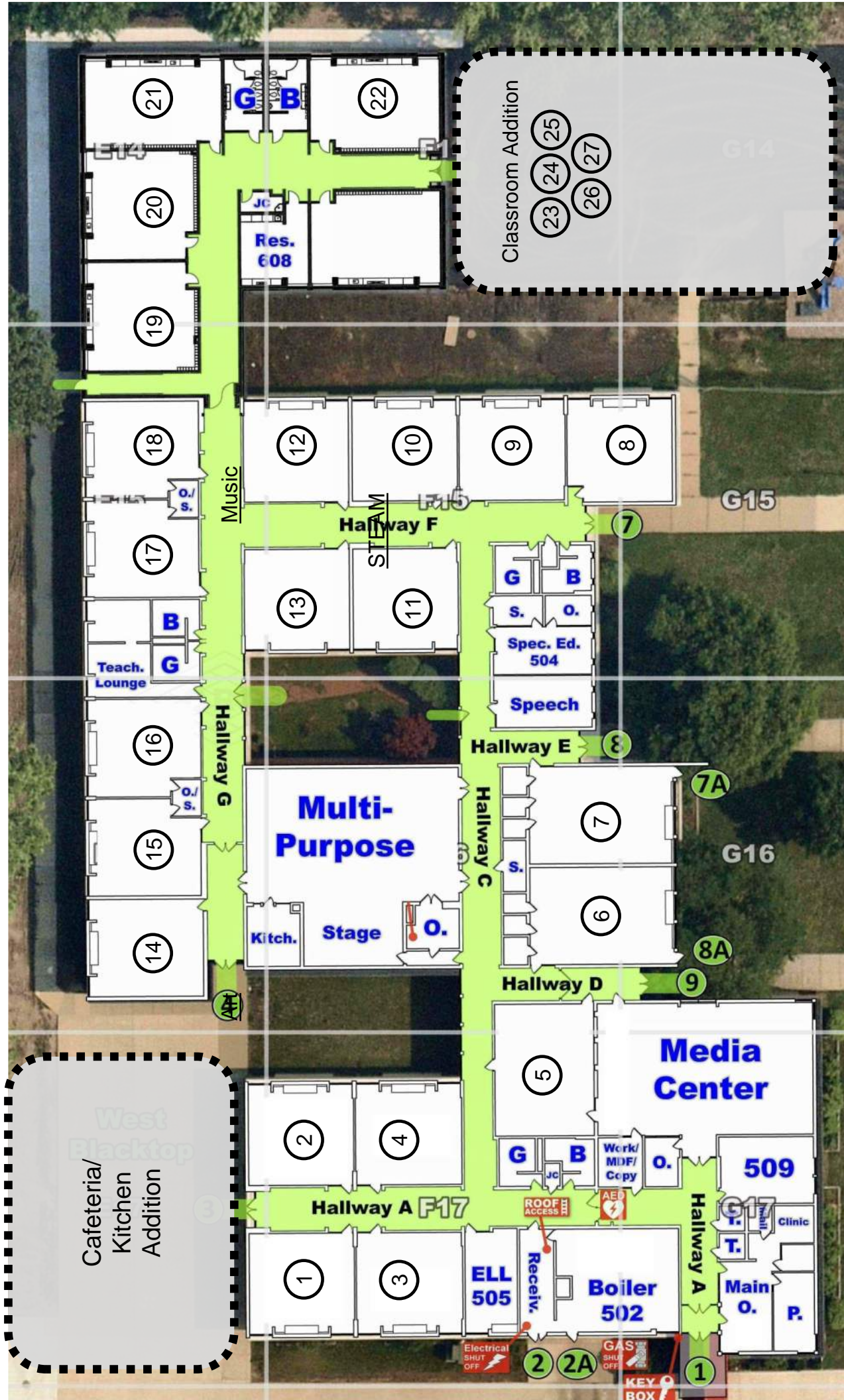
| Facility to be Closed  | List # of Teaching Stations | Capacity Factor | Capacity |
|------------------------|-----------------------------|-----------------|----------|
| (K-2) Lower Elementary |                             | 20              | 0        |
| (3-5) Upper Elementary |                             | 25              | 0        |
| (6-8) Junior High      |                             | 22.5            | 0        |
| (9-12) High School     |                             | 21.25           | 0        |
| <b>Total</b>           | <b>0</b>                    |                 | <b>0</b> |

Projected 5-Year Enrollment 583

Utilization Percentage 96%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



### Kinloch Elementary – CR Summary

| Grade Level  | No. of Rooms | Capacity per room | Total (students) |
|--------------|--------------|-------------------|------------------|
| K-2          | 13           | 20                | 260              |
| 3-5          | 14           | 25                | 350              |
| <b>TOTAL</b> | <b>18</b>    |                   | <b>610</b>       |

# Project Sheet

|                                |                        |          |
|--------------------------------|------------------------|----------|
| <b>Riverside Middle School</b> | <b>Project No. [n]</b> | <b>4</b> |
|--------------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input type="checkbox"/> New addition                     | <input checked="" type="checkbox"/> New addition          | <input checked="" type="checkbox"/> New addition          | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input checked="" type="checkbox"/> Instructional tech.   | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

|  |              |                |               |
|--|--------------|----------------|---------------|
| New Stand-Alone Construction Square Ft |              | Cost per Sq Ft |               |
| New Addition Square Ft.                | <u>5,600</u> | Cost per Sq Ft | \$ <u>431</u> |

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|   |  |   |  |  |
|---|--|---|--|--|
| <input type="checkbox"/> None noted           | <input checked="" type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | <u>1.</u>  | <u>2.</u>   | <u>3.</u>  |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1            | Series 2            | Series 3             | - | Total                |
|------------------------------|---------------------|---------------------|----------------------|---|----------------------|
| New Construction             | \$ -                | \$ 1,251,062        | \$ 1,162,563         |   | \$ 2,413,625         |
| Remodeling                   | \$ -                | \$ -                | \$ 10,909,644        |   | \$ 10,909,644        |
| Construction Contingencies   | \$ -                | \$ 891,967          | 743,306              |   | \$ 1,635,273         |
| Instructional Technology     | \$ -                | \$ 378,074          | \$ 756,148           |   | \$ 1,134,222         |
| Loose Furnishing/Equipment   | \$ -                | \$ -                | \$ 1,243,353         |   | \$ 1,243,353         |
| Buses                        | \$ -                | \$ -                | \$ -                 |   | \$ -                 |
| Site Work                    | \$ -                | \$ -                | \$ 651,883           |   | \$ 651,883           |
| Site Acquisition             | \$ -                | \$ -                | \$ -                 |   | \$ -                 |
| Architectural Fees and Costs | \$ 1,138,014        | \$ 335,985          | \$ 43,353            |   | \$ 1,517,352         |
| CM Fees and Costs            | \$ 66,281           | \$ 1,092,688        | \$ 431,773           |   | \$ 1,590,742         |
| <b>Estimated Costs</b>       | <b>\$ 1,204,295</b> | <b>\$ 3,949,776</b> | <b>\$ 15,942,023</b> |   | <b>\$ 21,096,094</b> |

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

|  |                     |                                      |
|--|---------------------|--------------------------------------|
|  | Date                | 6/12/2024                            |
| Signature  | Date                | French Associates, Inc. - 1301033304 |
|  |                     | Firm Name and License Number         |
| Dale C. Jerome   | dalej@frenchaia.com | (248) 656-1377                       |
| Printed Name   | E-mail Address      | Phone Number                         |

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

**Existing Building SF: 166,186**  
**New Construction SF: 5,600**  
**Total Building SF: 171,786**

**4. Riverside Middle School**

| Category                         | Work Item Description  | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate | Total<br>Estimate |
|----------------------------------|--|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|-----------------------|-------------------|
| <b>Site Work</b>                 |  |          |       |                    |             |                      |             |                        |                   |                       |                   |
|                                  | 1 Paving and sidewalk replacment                                       | 1        | ls    | \$489,740          | \$489,740   | \$54,842             | \$544,582   | \$10,892               | \$555,474         |                       |                   |
|                                  | 2 Convert blacktop area to greenspace                                  | 1        | ls    | \$85,000           | \$85,000    | \$9,519              | \$94,519    | \$1,890                | \$96,409          |                       |                   |
|                                  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$651,883</b>      |                   |
| <b>New Construction</b>          |  |          |       |                    |             |                      |             |                        |                   |                       |                   |
|                                  | 1 Cafeteria addition   | 3,200    | sf    | \$380              | \$1,216,000 | \$136,171            | \$1,352,171 | \$27,043               | \$1,379,214       |                       |                   |
|                                  | 2 Science/STEM Room addition (8th Grade Wing)                          | 2,400    | sf    | \$380              | \$912,000   | \$102,128            | \$1,014,128 | \$20,283               | \$1,034,411       |                       |                   |
|                                  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$2,413,625</b>    |                   |
| <b>Remodeling/Rehabilitation</b> |  |          |       |                    |             |                      |             |                        |                   |                       |                   |
| <b>exterior</b>                  |  |          |       |                    |             |                      |             |                        |                   |                       |                   |
|                                  | 1 Remodel Greenhouse (add water + addtnl equip.)                       | 1        | ls    | \$45,000           | \$45,000    | \$5,039              | \$50,039    | \$1,001                | \$51,040          |                       |                   |
|                                  | 2 Add o'head door at 119 for Robotics Lab                              | 1        | ea    | \$12,000           | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                   |
|                                  | 3 Address structural issue in 8th Grade wing                           | 1        | ls    | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                   |
|                                  | 4 Roofing replacement at select areas                                  | 28,350   | sf    | \$20               | \$567,000   | \$63,494             | \$630,494   | \$12,610               | \$643,104         |                       |                   |
| <b>interior</b>                  |  |          |       |                    |             |                      |             |                        |                   |                       |                   |
|                                  | 1 Reconfigure reception counter in Main Office                         | 1        | ls    | \$4,500            | \$4,500     | \$504                | \$5,004     | \$100                  | \$5,104           |                       |                   |
|                                  | 2 Remodel back of Media Center for additional itinerant office(s)      | 800      | sf    | \$85               | \$68,000    | \$7,615              | \$75,615    | \$1,512                | \$77,127          |                       |                   |
|                                  | 3 Remodel office areas (E10) adjacent to Media Center (floors/clgs)    | 750      | sf    | \$85               | \$63,750    | \$7,139              | \$70,889    | \$1,418                | \$72,307          |                       |                   |
|                                  | 4 Install new elevator   | 1        | ls    | \$125,000          | \$125,000   | \$13,998             | \$138,998   | \$2,780                | \$141,778         |                       |                   |
|                                  | 5 Install new interior vestibule doors at entrance 3A                  | 1        | ls    | \$12,500           | \$12,500    | \$1,400              | \$13,900    | \$278                  | \$14,178          |                       |                   |
|                                  | 6 Install new flooring/treads + handrail at stairwells                 | 3        | ea    | \$65,000           | \$195,000   | \$21,837             | \$216,837   | \$4,337                | \$221,173         |                       |                   |
|                                  | 7 Install new doors and framing at Stairwells                          | 9        | ea    | \$20,000           | \$180,000   | \$20,157             | \$200,157   | \$4,003                | \$204,160         |                       |                   |
|                                  | 8 Install new LVT floors (exist'g QT areas) at stairwell entries       | 1,200    | sf    | \$25               | \$30,000    | \$3,359              | \$33,359    | \$667                  | \$34,027          |                       |                   |
|                                  | 9 Install new LVT floors throughout corridor areas                     | 16,619   | sf    | \$15               | \$249,279   | \$27,915             | \$277,194   | \$5,544                | \$282,738         |                       |                   |
|                                  | 10 Install new clg tile/grid in corridor areas                         | 16,619   | sf    | \$4.50             | \$74,784    | \$8,374              | \$83,158    | \$1,663                | \$84,821          |                       |                   |
|                                  | 11 Install new LVT/carpet floors in 8th Gr wing CRs (3-story wing)     | 60,000   | sf    | \$15               | \$900,000   | \$100,784            | \$1,000,784 | \$20,016               | \$1,020,800       |                       |                   |
|                                  | 12 Install new casework/cabinets in 8th Gr wing CRs                    | 32       | cr    | \$10,200           | \$326,400   | \$36,551             | \$362,951   | \$7,259                | \$370,210         |                       |                   |
|                                  | 13 Install new clg tile/grid in 8th Gr wing CRs                        | 60,000   | sf    | \$4.50             | \$270,000   | \$30,235             | \$300,235   | \$6,005                | \$306,240         |                       |                   |
|                                  | 14 Install new interior doors throughout building                      | 120      | ea    | \$2,400            | \$288,000   | \$32,251             | \$320,251   | \$6,405                | \$326,656         |                       |                   |
|                                  | 15 Remodel Kitchen/Serving areas                                       | 1        | allow | \$250,000          | \$250,000   | \$27,996             | \$277,996   | \$5,560                | \$283,556         |                       |                   |
|                                  | 16 Install new LVT/carpet floors in 7th Gr wing CRs                    | 7,200    | sf    | \$15               | \$108,000   | \$12,094             | \$120,094   | \$2,402                | \$122,496         |                       |                   |
|                                  | 17 Install new student/corridor lockers in 7th Gr wing                 | 200      | ea    | \$200              | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                       |                   |
|                                  | 18 Remodel Maint Garage area (floors/clgs/fixtures)                    | 2,200    | sf    | \$65               | \$143,000   | \$16,014             | \$159,014   | \$3,180                | \$162,194         |                       |                   |
|                                  | 19 Remodel Wood Shop (floors/clgs/cabinetry)                           | 1,800    | sf    | \$100              | \$180,000   | \$20,157             | \$200,157   | \$4,003                | \$204,160         |                       |                   |
|                                  | 20 Remodel Spec Ed (118) (floors/clgs/cabinetry)                       | 1,500    | sf    | \$85               | \$127,500   | \$14,278             | \$141,778   | \$2,836                | \$144,613         |                       |                   |
|                                  | 21 Remodel STEM Rm (120) (floors/clgs/cabinetry)                       | 1,200    | sf    | \$85               | \$102,000   | \$11,422             | \$113,422   | \$2,268                | \$115,691         |                       |                   |
|                                  | 22 Remodel Art Rm (122) (floors/clgs/cabinetry)                        | 1,200    | sf    | \$85               | \$102,000   | \$11,422             | \$113,422   | \$2,268                | \$115,691         |                       |                   |
|                                  | 23 Remodel Robotic Lab (121) + Comp Lab (119) (floors/clgs/cabinetry)  | 2,000    | sf    | \$100              | \$200,000   | \$22,397             | \$222,397   | \$4,448                | \$226,844         |                       |                   |
|                                  | 24 Install new casework/cabinets in Band Rm (123)                      | 1        | ls    | \$24,000           | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                       |                   |
|                                  | 25 Install new flooring at Stage area                                  | 1,200    | sf    | \$28               | \$33,600    | \$3,763              | \$37,363    | \$747                  | \$38,110          |                       |                   |
|                                  | 26 Remodel staff restrooms in Teacher's Lounge (128) (floors/fixtures) | 2        | ea    | \$12,000           | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                       |                   |
|                                  | 27 Remodel old varsity locker room (floors/clgs/fixtures)              | 2,400    | sf    | \$100              | \$240,000   | \$26,876             | \$266,876   | \$5,338                | \$272,213         |                       |                   |
|                                  | 28 Install new cross-corridor fire partition near Cafeteria            | 1        | ls    | \$28,000           | \$28,000    | \$3,136              | \$31,136    | \$623                  | \$31,758          |                       |                   |
|                                  | 29 Install acoustical panels in Gymnasium                              | 1        | ls    | \$65,000           | \$65,000    | \$7,279              | \$72,279    | \$1,446                | \$73,724          |                       |                   |
|                                  | 30 Install new backboards/standards in Gymnasium                       | 6        | ea    | \$4,800            | \$28,800    | \$3,225              | \$32,025    | \$641                  | \$32,666          |                       |                   |
|                                  | 31 Replace moveable partitions in 8th Gr wing w/ permanent walls       | 4        | ea    | \$10,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                       |                   |
| <b>mechanical</b>                |  |          |       |                    |             |                      |             |                        |                   |                       |                   |
|                                  | 1 Install point of use thermostatic mixing valves at all lavs & sinks. | 36       |       | \$200              | \$7,200     | \$806                | \$8,006     | \$160                  | \$8,166           |                       |                   |
|                                  | 2 Replace all domestic water shut off valves with new ball valves      | 56       |       | \$1,000            | \$56,000    | \$6,271              | \$62,271    | \$1,245                | \$63,516          |                       |                   |
|                                  | 3 Replace roof drain strainers.  | 36       |       | \$200              | \$7,200     | \$806                | \$8,006     | \$160                  | \$8,166           |                       |                   |
|                                  | 4 Remove abandoned boiler and storage tank/heat exchanger              | 2        |       | \$15,000           | \$30,000    | \$3,359              | \$33,359    | \$667                  | \$34,027          |                       |                   |
|                                  | 5 Replace (2008) 1750 MBH boilers with new boilers                     | 5        |       | \$60,000           | \$300,000   | \$33,595             | \$333,595   | \$6,672                | \$340,267         |                       |                   |
|                                  | 6 Replace (1984) 650 gpm@35' 10hp heating hot water pumps with new     | 2        |       | \$40,000           | \$80,000    | \$8,959              | \$88,959    | \$1,779                | \$90,738          |                       |                   |
|                                  | 7 Replace (2011) 213 gpm@25' 3hp heating hot water pumps with new      | 2        |       | \$20,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                       |                   |
|                                  | 8 Replace original expansion tanks                                     | 2        |       | \$10,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                   |
|                                  | 9 Replace (2011) console unit ventiaitors with new vert. UVs w/AC      | 36       |       | \$40,000           | \$1,440,000 | \$161,255            | \$1,601,255 | \$32,025               | \$1,633,280       |                       |                   |
|                                  | 10 Replace all original and older roof exhaust fans                    | 15       |       | \$2,500            | \$37,500    | \$4,199              | \$41,699    | \$834                  | \$42,533          |                       |                   |
|                                  | 11 Replace (1970) Front Office RTU                                     | 1        |       | \$15,000           | \$15,000    | \$1,680              | \$16,680    | \$334                  | \$17,013          |                       |                   |
|                                  | 12 Replace () non-operating Reznor 100%OA RTU                          | 1        |       | \$15,000           | \$15,000    | \$1,680              | \$16,680    | \$334                  | \$17,013          |                       |                   |
|                                  | 13 Replace 6 ton Aeon RTU  | 1        |       | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                   |
|                                  | 14 Replace 5 ton (R-22) condensing unit                                | 1        |       | \$10,000           | \$10,000    | \$1,120              | \$11,120    | \$222                  | \$11,342          |                       |                   |
|                                  | 15 Replace 2 ton (R-22) condensing unit                                | 1        |       | \$5,000            | \$5,000     | \$560                | \$5,560     | \$111                  | \$5,671           |                       |                   |
|                                  | 16 Replace (Trane) AHU in basement with new unit with AC               | 1        |       | \$50,000           | \$50,000    | \$5,599              | \$55,599    | \$1,112                | \$56,711          |                       |                   |
|                                  | 17 Install A/C in remaining instructional areas of building            | 1        | ls    | \$1,360,000        | \$1,360,000 | \$152,296            | \$1,512,296 | \$30,246               | \$1,542,542       |                       |                   |
|                                  | 18 Add A/C in Auditorium   | 1        | ls    | \$70,000           | \$70,000    | \$7,839              | \$77,839    | \$1,557                | \$79,396          |                       |                   |

4. Riverside Middle School

| Category  | Work Item Description   | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate   |
|---|---|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|---------------------------|---------------------|
| <u>electrical</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Add additional outlets in Main Office area                          | 4        | ea    | \$1,200            | \$4,800     | \$538                | \$5,338     | \$107                  | \$5,444           |                           |                     |
|   | 2 New sound system for Cafeteria                                      | 1        | ls    | \$5,000            | \$5,000     | \$560                | \$5,560     | \$111                  | \$5,671           |                           |                     |
|   | 3 Replace bell system   | 1        | ls    | \$174,000          | \$174,000   | \$19,485             | \$193,485   | \$3,870                | \$197,355         |                           |                     |
|   | 4 Replace old Bulldog electrical panels                               | 10       | ea    | \$2,500            | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                     |
|   | 5 Replace retrofitted lighting to new LED fixtures in corridors (50%) | 1        | ls    | \$348,000          | \$348,000   | \$38,970             | \$386,970   | \$7,739                | \$394,709         |                           |                     |
|   | 6 Add new panels for additional receptacles in each classroom         | 4        | ea    | \$8,000            | \$32,000    | \$3,583              | \$35,583    | \$712                  | \$36,295          |                           |                     |
|   | 7 Add 4 receptacles to each classroom                                 | 44       | ea    | \$1,200            | \$52,800    | \$5,913              | \$58,713    | \$1,174                | \$59,887          |                           |                     |
|   | 8 New site lighting for reworked parking and bus loop                 | 10       | ea    | \$4,000            | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                           |                     |
|   | 9 Electrical work to support mechanical scope                         | 66       | ea    | \$1,500            | \$99,000    | \$11,086             | \$110,086   | \$2,202                | \$112,288         |                           |                     |
|   | 10 New 400 amp distribution panel to feed new AC units                | 3        | ea    | \$16,000           | \$48,000    |                      |             |                        | \$122,496         |                           |                     |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$10,909,644</b>       |                     |
| <u>Technology</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Instructional Technology/Equipment (computers/printers)             | 1        | ls    | \$1,000,000        | \$1,000,000 | \$111,983            | \$1,111,983 | \$22,240               | \$1,134,222       |                           |                     |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$1,134,222</b>        |                     |
| <u>Furnishings/Equipment</u>                                  |   |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Classroom furnishings/equipment                                     | 99,712   | sf    | \$10               | \$997,116   | \$111,660            | \$1,108,776 | \$22,176               | \$1,130,951       |                           |                     |
|   | 2 Band instruments/equipment  | 1        | ls    | \$45,000           | \$45,000    | \$5,039              | \$50,039    | \$1,001                | \$51,040          |                           |                     |
|   | 3 Rack storage system for Gym equipment                               | 1        | ls    | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                           |                     |
|   | 4 Wood Shop tables/equipment  | 8        | ea    | \$3,200            | \$25,600    | \$2,867              | \$28,467    | \$569                  | \$29,036          |                           |                     |
|   | 5 Dust collector for Wood Shop  | 1        | ls    | \$8,500            | \$8,500     | \$952                | \$9,452     | \$189                  | \$9,641           |                           |                     |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$1,243,353</b>        |                     |
| Total Site/Construction/Remodeling/Technology/Equipment Costs |   |          |       |                    |             |                      |             |                        |                   | <b>Sub-Total</b>          | <b>\$16,352,726</b> |
|   |   |          |       |                    |             |                      |             |                        |                   | Contingency               | \$1,635,273         |
|   |   |          |       |                    |             |                      |             |                        |                   | CM Fee/Reimbursables      | \$1,590,741         |
|   |   |          |       |                    |             |                      |             |                        |                   | A/E Fee/Reimbursables     | \$1,517,352         |
|   |   |          |       |                    |             |                      |             |                        |                   | <b>Total Project Cost</b> | <b>\$21,096,093</b> |

# Building Utilization

## School Building Name

Riverside Middle School

Project No. [n] 4

Current Grade Structure 5-8  
Proposed Grade Structure 6-8

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

| Existing               | List # of Teaching Stations | Capacity Factor | Capacity   |
|------------------------|-----------------------------|-----------------|------------|
| (K-2) Lower Elementary |                             | 20              | 0          |
| (3-5) Upper Elementary |                             | 25              | 0          |
| (6-8) Junior High      | 38                          | 22.5            | 855        |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>38</b>                   |                 | <b>855</b> |
| Proposed New           | List # of Teaching Stations | Capacity Factor | Capacity   |
| (K-2) Lower Elementary |                             | 20              | 0          |
| (3-5) Upper Elementary |                             | 25              | 0          |
| (6-8) Junior High      |                             | 22.5            | 0          |
| (9-12) High School     |                             | 21.25           | 0          |
| <b>Subtotal</b>        | <b>0</b>                    |                 | <b>0</b>   |
| <b>Total</b>           | <b>38</b>                   |                 | <b>855</b> |

| Facility to be Closed  | List # of Teaching Stations | Capacity Factor | Capacity |
|------------------------|-----------------------------|-----------------|----------|
| (K-2) Lower Elementary |                             | 20              | 0        |
| (3-5) Upper Elementary |                             | 25              | 0        |
| (6-8) Junior High      |                             | 22.5            | 0        |
| (9-12) High School     |                             | 21.25           | 0        |
| <b>Total</b>           | <b>0</b>                    |                 | <b>0</b> |

Projected 5-Year Enrollment 694

Utilization Percentage 81%

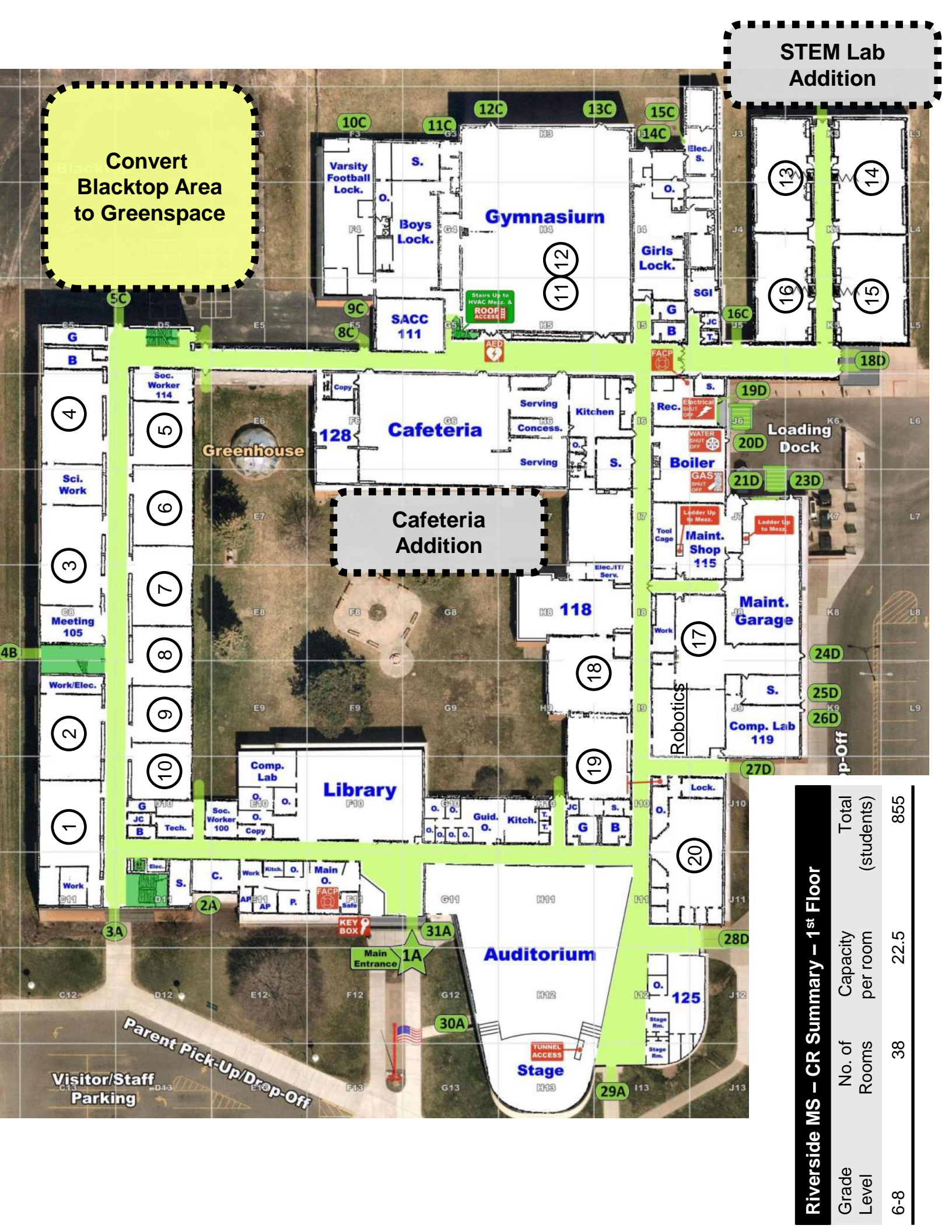
(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

**STEM Lab Addition**

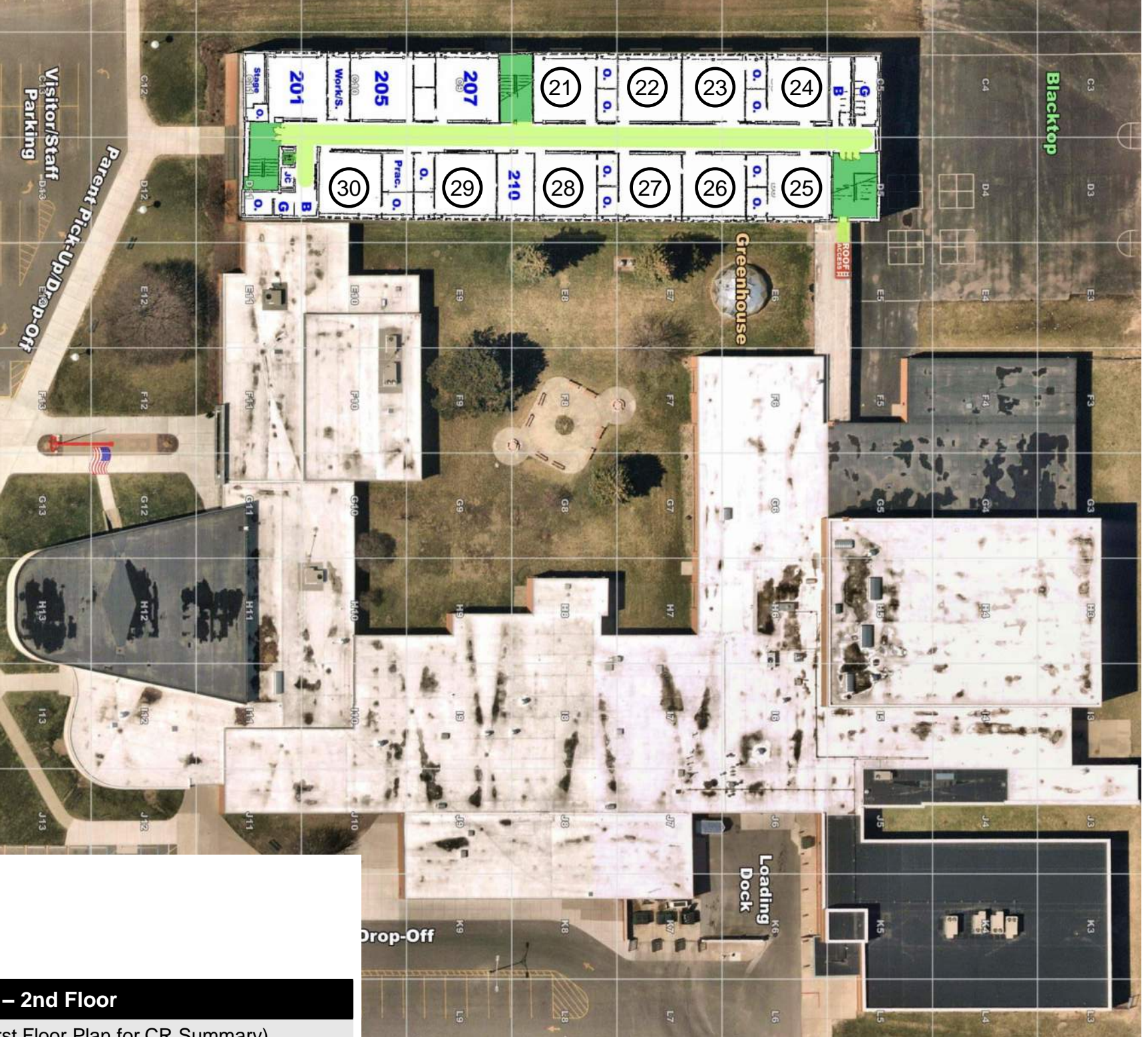
**Convert Blacktop Area to Greenspace**

**Cafeteria Addition**



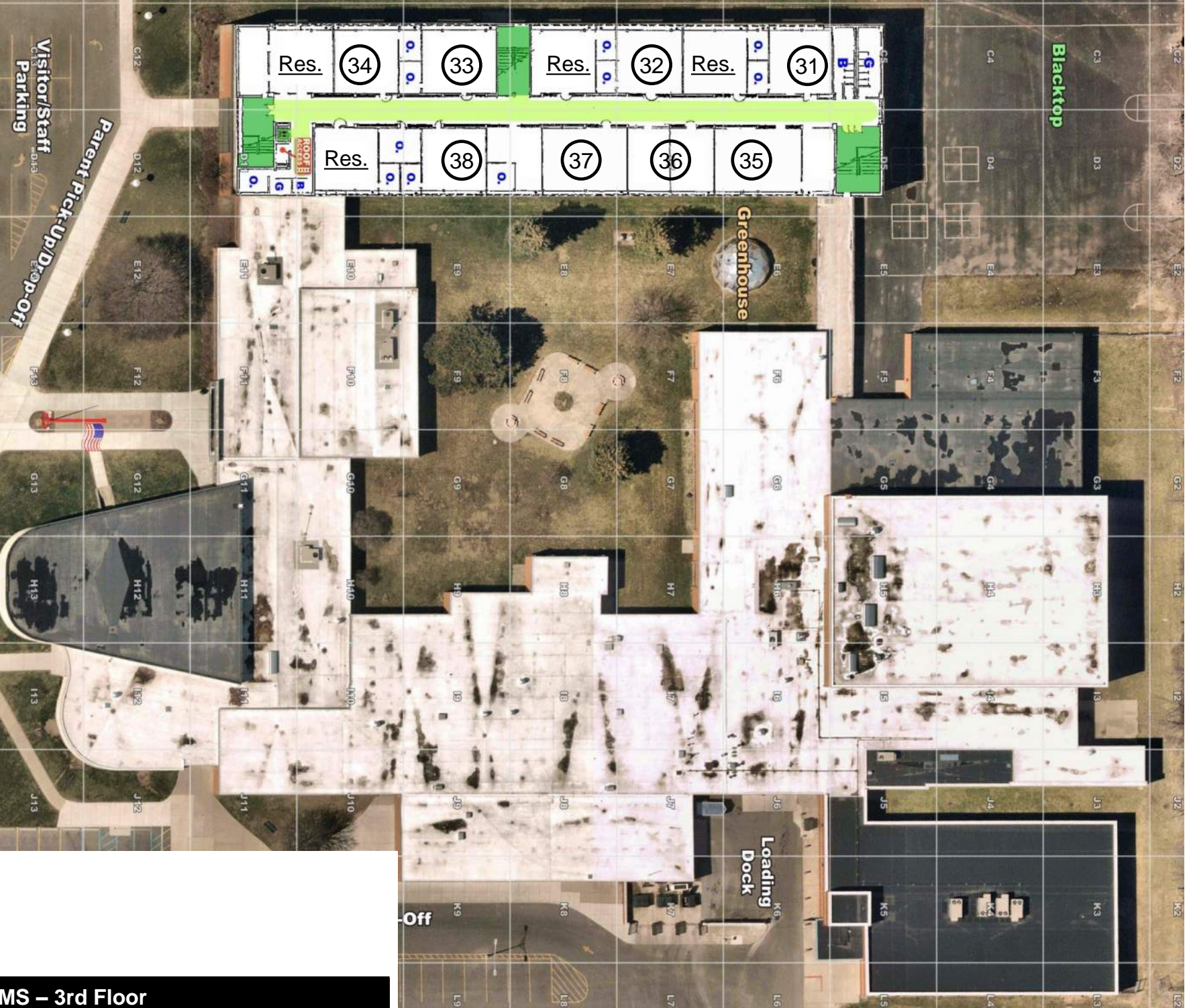
**Riverside MS – CR Summary – 1st Floor**

| Grade Level | No. of Rooms | Capacity per room | Total (students) |
|-------------|--------------|-------------------|------------------|
| 6-8         | 38           | 22.5              | 855              |



**Riverside MS – 2nd Floor**

(see First Floor Plan for CR Summary)



**Riverside MS – 3rd Floor**  
(see First Floor Plan for CR Summary)

# Project Sheet

|                              |                        |          |
|------------------------------|------------------------|----------|
| <b>Crestwood High School</b> | <b>Project No. [n]</b> | <b>5</b> |
|------------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input type="checkbox"/> New addition                     | <input checked="" type="checkbox"/> New addition          | <input checked="" type="checkbox"/> New addition          | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input checked="" type="checkbox"/> Instructional tech.   | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

|  |        |                |        |
|--|--------|----------------|--------|
| New Stand-Alone Construction Square Ft |        | Cost per Sq Ft |        |
| New Addition Square Ft.                | 40,801 | Cost per Sq Ft | \$ 368 |

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|   |  |   |  |  |
|---|--|---|--|--|
| <input type="checkbox"/> None noted           | <input checked="" type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | 1.   | 2.  | 3.   |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1            | Series 2            | Series 3             | - | Total                |
|------------------------------|---------------------|---------------------|----------------------|---|----------------------|
| New Construction             | \$ -                | \$ 3,890,800        | \$ 11,121,935        |   | \$ 15,012,735        |
| Remodeling                   | \$ -                | \$ -                | \$ 12,991,706        |   | \$ 12,991,706        |
| Construction Contingencies   | \$ -                | \$ 307,576          | \$ 3,218,047         |   | \$ 3,525,623         |
| Instructional Technology     | \$ -                | \$ -                | \$ 1,361,067         |   | \$ 1,361,067         |
| Loose Furnishing/Equipment   | \$ -                | \$ -                | \$ 1,223,671         |   | \$ 1,223,671         |
| Buses                        | \$ -                | \$ -                | \$ -                 |   | \$ -                 |
| Site Work                    | \$ -                | \$ 1,166,760        | \$ 3,500,281         |   | \$ 4,667,041         |
| Site Acquisition             | \$ -                | \$ -                | \$ -                 |   | \$ -                 |
| Architectural Fees and Costs | \$ 2,462,056        | \$ 618,670          | \$ 202,015           |   | \$ 3,282,741         |
| CM Fees and Costs            | \$ 149,004          | \$ 1,336,456        | \$ 2,090,647         |   | \$ 3,576,107         |
| <b>Estimated Costs</b>       | <b>\$ 2,611,060</b> | <b>\$ 7,320,262</b> | <b>\$ 35,709,369</b> |   | <b>\$ 45,640,691</b> |

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

|  |                     |                |                                      |
|--|---------------------|----------------|--------------------------------------|
|  | Date                | 6/12/2024      | French Associates, Inc. - 1301033304 |
| Signature  | Date                |                | Firm Name and License Number         |
| Dale C. Jerome   | dalej@frenchaia.com | (248) 656-1377 |                                      |
| Printed Name   | E-mail Address      | Phone Number   |                                      |

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

**Existing Building SF: 172,441**  
**New Construction SF: 40,801**  
**Total Building SF: 213,242**

**5. Crestwood High School**

| Category                         | Work Item Description  | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate | Total<br>Estimate   |
|----------------------------------|--|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|-----------------------|---------------------|
| <b>Site Work</b>                 |  |          |       |                    |             |                      |             |                        |                   |                       |                     |
|                                  | 1 Paving and sidewalk replacment   | 1        | ls    | \$147,250          | \$147,250   | \$16,489             | \$163,739   | \$3,275                | \$167,014         |                       |                     |
|                                  | 2 Expand parent drop-off/pickup loop                                       | 1        | ls    | \$250,000          | \$250,000   | \$27,996             | \$277,996   | \$5,560                | \$283,556         |                       |                     |
|                                  | 3 Additional storm water retention   | 1        | ls    | \$250,000          | \$250,000   | \$27,996             | \$277,996   | \$5,560                | \$283,556         |                       |                     |
|                                  | 4 Create outdoor CR area in courtyard w/ shade canopy                      | 3        | ls    | \$65,000           | \$195,000   | \$21,837             | \$216,837   | \$4,337                | \$221,173         |                       |                     |
|                                  | 5 Replace softball/baseball diamond fencing/backstops                      | 2        | ea    | \$175,000          | \$350,000   | \$39,194             | \$389,194   | \$7,784                | \$396,978         |                       |                     |
|                                  | 6 Install synthetic turf at softball/baseball diamonds                     | 6        | ea    | \$850,000          | \$1,700,000 | \$190,370            | \$1,890,370 | \$37,807               | \$1,928,178       |                       |                     |
|                                  | 7 New scoreboards/dugouts at ball diamonds                                 | 1        | ls    | \$200,000          | \$200,000   | \$22,397             | \$222,397   | \$4,448                | \$226,844         |                       |                     |
|                                  | 8 Install 50 yd x 70 yd synthetic turf practice field                      | 1        | ls    | \$875,000          | \$875,000   | \$97,985             | \$972,985   | \$19,460               | \$992,444         |                       |                     |
|                                  | 9 Install additional visitor side bleachers at stadium area                | 500      | seat  | \$295              | \$147,500   | \$16,517             | \$164,017   | \$3,280                | \$167,298         |                       |                     |
|                                  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                       | <b>\$4,667,041</b>  |
| <b>New Construction</b>          |  |          |       |                    |             |                      |             |                        |                   |                       |                     |
|                                  | 1 New Competition Gym & Locker Areas + Weighth Room Addition               | 27,144   | sf    | \$325              | \$8,821,948 |                      |             |                        | \$8,821,948       |                       |                     |
|                                  | 2 Scene Shop/Prop Storage/Green Room + Black Box addition                  | 2,400    | sf    | \$480              | \$1,152,000 | \$129,004            | \$1,281,004 | \$25,620               | \$1,306,624       |                       |                     |
|                                  | 3 Greenhouse addition/replacement at Sci Lab 125                           | 417      | sf    | \$480              | \$200,000   | \$22,397             | \$222,397   | \$4,448                | \$226,844         |                       |                     |
|                                  | 4 Connector hall addition between Hallway F & G                            | 840      | sf    | \$480              | \$403,200   | \$45,151             | \$448,351   | \$8,967                | \$457,318         |                       |                     |
|                                  | 5 2-Story 10 Classroom Addition + front façade remodeling                  | 10,000   | sf    | \$420              | \$4,200,000 |                      |             |                        | \$4,200,000       |                       |                     |
|                                  |  |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   |                       | <b>\$15,012,735</b> |
| <b>Remodeling/Rehabilitation</b> |  |          |       |                    |             |                      |             |                        |                   |                       |                     |
| <b>exterior</b>                  |  |          |       |                    |             |                      |             |                        |                   |                       |                     |
|                                  | 1 Replace aggregate panels on exterior with metal siding                   | 10,800   | ea    | \$28               | \$302,400   | \$33,864             | \$336,264   | \$6,725                | \$342,989         |                       |                     |
|                                  | 2 Replace roofing in select areas  | 55,510   | sf    | \$20               | \$1,110,200 | \$124,323            | \$1,234,523 | \$24,690               | \$1,259,213       |                       |                     |
| <b>interior</b>                  |  |          |       |                    |             |                      |             |                        |                   |                       |                     |
|                                  | 1 Remodel Science Labs (floors/clgs/cabinetry)                             | 5        | ea    | \$175,000          | \$875,000   | \$97,985             | \$972,985   | \$19,460               | \$992,444         |                       |                     |
|                                  | 2 Remodel dome ceiling in Planetarium                                      | 1        | ls    | \$40,000           | \$40,000    | \$4,479              | \$44,479    | \$890                  | \$45,369          |                       |                     |
|                                  | 3 Install new terrazzo at old locker base and CR entrances                 | 1        | ls    | \$24,000           | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                       |                     |
|                                  | 4 Remove student/corridor lockers and install terrazzo flooring underneath | 1        | ls    | \$96,000           | \$96,000    | \$10,750             | \$106,750   | \$2,135                | \$108,885         |                       |                     |
|                                  | 5 Install new bank of student/hallway daily-use lockers                    | 200      | ea    | \$125              | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                       |                     |
|                                  | 6 Install LVT floors in CRs  | 68,976   | sf    | \$15               | \$1,034,646 | \$115,862            | \$1,150,508 | \$23,010               | \$1,173,518       |                       |                     |
|                                  | 7 Abatement (existing 8x8 VCT)   | 68,976   | sf    | \$2.50             | \$172,441   | \$19,310             | \$191,751   | \$3,835                | \$195,586         |                       |                     |
|                                  | 8 Install new wood doors at CR entrances                                   | 60       | ea    | \$2,400            | \$144,000   | \$16,125             | \$160,125   | \$3,203                | \$163,328         |                       |                     |
|                                  | 9 Remodel student corridor restrooms in C/E Hallway                        | 1,600    | sf    | \$100              | \$160,000   | \$17,917             | \$177,917   | \$3,558                | \$181,476         |                       |                     |
|                                  | 10 Remodel Band Room (305) (floors/cabinetry)                              | 2,400    | sf    | \$135              | \$324,000   | \$36,282             | \$360,282   | \$7,206                | \$367,488         |                       |                     |
|                                  | 11 Remodel into Drama Room (403) (floors/cabinetry)                        | 1,600    | sf    | \$100              | \$160,000   | \$17,917             | \$177,917   | \$3,558                | \$181,476         |                       |                     |
|                                  | 12 Install new ADA ramp in H Hallway                                       | 1        | ls    | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                     |
|                                  | 13 Install new cabinetry at Auditorium ticket booth/concession area        | 1        | ls    | \$12,000           | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                     |
|                                  | 14 Convert Weight Room & Wrestling Room Area to Health Area                | 600      | sf    | \$85               | \$51,000    | \$5,711              | \$56,711    | \$1,134                | \$57,845          |                       |                     |
|                                  | 15 Install new sound booth in Auditorium                                   | 1        | ls    | \$8,500            | \$8,500     | \$952                | \$9,452     | \$189                  | \$9,641           |                       |                     |
|                                  | 16 Remodel Stage area (flooring/fixtures)                                  | 3,200    | sf    | \$85               | \$272,000   | \$30,459             | \$302,459   | \$6,049                | \$308,508         |                       |                     |
|                                  | 17 Remodel pool area locker rooms (floors/fixtures)                        | 4,000    | sf    | \$100              | \$400,000   | \$44,793             | \$444,793   | \$8,896                | \$453,689         |                       |                     |
|                                  | 18 Regrot CT around pool   | 2,500    | sf    | \$5                | \$12,500    | \$1,400              | \$13,900    | \$278                  | \$14,178          |                       |                     |
|                                  | 19 Install new epoxy flooring at pool area bleachers                       | 1,200    | sf    | \$14               | \$16,800    | \$1,881              | \$18,681    | \$374                  | \$19,055          |                       |                     |
|                                  | 20 Remodel Boys (Gym) Locker Rooms (floors/fixtures)                       | 4,500    | sf    | \$100              | \$450,000   | \$50,392             | \$500,392   | \$10,008               | \$510,400         |                       |                     |
|                                  | 21 Remodel Girls (Gym) Locker Room (floors/fixtures)                       | 2,100    | sf    | \$100              | \$210,000   | \$23,516             | \$233,516   | \$4,670                | \$238,187         |                       |                     |
|                                  | 22 Remodel Kitchen area (hood replacement)                                 | 1        | ls    | \$18,000           | \$18,000    | \$2,016              | \$20,016    | \$400                  | \$20,416          |                       |                     |
|                                  | 23 Remodel office area (floors/clgs/cabinetry)                             | 1        | ls    | \$25,000           | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                       |                     |
|                                  | 24 Remodel Media Center & add counseling office                            | 4,000    | sf    | \$85               | \$340,000   | \$38,074             | \$378,074   | \$7,561                | \$385,636         |                       |                     |
|                                  | 25 Remodel + Expand Building Trades CR into Maint Area                     | 2,800    | sf    | \$85               | \$238,000   | \$26,652             | \$264,652   | \$5,293                | \$269,945         |                       |                     |
| <b>mechanical</b>                |  |          |       |                    |             |                      |             |                        |                   |                       |                     |
|                                  | 1 Add ventilation for Kiln Room  | 1        | ls    | \$4,800            | \$4,800     | \$538                | \$5,338     | \$107                  | \$5,444           |                       |                     |
|                                  | 2 Install new drainage systems at Orchestra Pit                            | 1        | ls    | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                     |
|                                  | 3 Demolish old boiler  | 1        | ls    | \$12,000           | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                     |
|                                  | 4 Insall new sump drainage in boiler room                                  | 1        | ls    | \$18,000           | \$18,000    | \$2,016              | \$20,016    | \$400                  | \$20,416          |                       |                     |
|                                  | 5 Replace grease traps in Kitchen area                                     | 1        | ls    | \$24,000           | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                       |                     |
|                                  | 6 Install point of use thmostatic mixing valves at all lavs & sinks        | 120      | ea    | \$200              | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                       |                     |
|                                  | 7 Replace all domestic water shut off valves with new ball valves          | 60       | ea    | \$1,000            | \$60,000    | \$6,719              | \$66,719    | \$1,334                | \$68,053          |                       |                     |
|                                  | 8 Replace corroded pool mechanical room sump pump cover                    | 1        | LS    | \$5,000            | \$5,000     | \$560                | \$5,560     | \$111                  | \$5,671           |                       |                     |
|                                  | 9 Replace corroded pool mechanical room vent piping                        | 1        | LS    | \$10,000           | \$10,000    | \$1,120              | \$11,120    | \$222                  | \$11,342          |                       |                     |
|                                  | 10 Replace washbasin in Metal Shop & Wood Shop                             | 2        | ea    | \$10,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                     |
|                                  | 11 Replace heating hot water pumps with new                                | 2        | ea    | \$25,000           | \$50,000    | \$5,599              | \$55,599    | \$1,112                | \$56,711          |                       |                     |
|                                  | 12 Replace counsel unit ventilators with new vert. UVs w/AC                | 44       | ea    | \$40,000           | \$1,760,000 | \$197,089            | \$1,957,089 | \$39,142               | \$1,996,231       |                       |                     |
|                                  | 13 Replace all original and older roof exhaust fans                        | 30       | ea    | \$2,500            | \$75,000    | \$8,399              | \$83,399    | \$1,668                | \$85,067          |                       |                     |
|                                  | 14 Replace Cabinet Unit Heaters  | 30       | ea    | \$6,000            | \$180,000   | \$20,157             | \$200,157   | \$4,003                | \$204,160         |                       |                     |
|                                  | 15 Provide Exhaust fans for Metal Shop                                     | 2        | ea    | \$5,000            | \$10,000    | \$1,120              | \$11,120    | \$222                  | \$11,342          |                       |                     |
|                                  | 16 Provide propeller fans for Metal Shop                                   | 4        | ea    | \$3,000            | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                     |
|                                  | 17 Provide propeller fans for Wood Shop                                    | 4        | ea    | \$3,000            | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                     |
|                                  | 18 Replace Dust Collector  | 1        | ea    | \$50,000           | \$50,000    | \$5,599              | \$55,599    | \$1,112                | \$56,711          |                       |                     |
|                                  | 19 Replace indoor AHU serving Girls & Boys Locker room                     | 1        | ea    | \$30,000           | \$30,000    | \$3,359              | \$33,359    | \$667                  | \$34,027          |                       |                     |
|                                  | 20 Replace indoor AHU serving Music room with new w/AC                     | 1        | ea    | \$50,000           | \$50,000    | \$5,599              | \$55,599    | \$1,112                | \$56,711          |                       |                     |
|                                  | 21 Replace indoor AHU serving Kitchen with new w/AC                        | 1        | ea    | \$50,000           | \$50,000    | \$5,599              | \$55,599    | \$1,112                | \$56,711          |                       |                     |
|                                  | 22 Replace indoor AHU serving Cafeteria with new w/AC                      | 1        | ea    | \$100,000          | \$100,000   | \$11,198             | \$111,198   | \$2,224                | \$113,422         |                       |                     |
|                                  | 23 Replace indoor AHU (6,000 CFM) serving Gym with new w/AC                | 2        | ea    | \$60,000           | \$120,000   | \$13,438             | \$133,438   | \$2,669                | \$136,107         |                       |                     |
|                                  | 24 Replace (1998 Carrier) 4 ton RTU with new (classrooms 215-218)          | 2        | ea    | \$12,000           | \$24,000    | \$2,688              | \$26,688    | \$534                  | \$27,221          |                       |                     |
|                                  | 25 Replace (2002 Trane) 3.5 ton RTU with new (classroom 303)               | 1        | ea    | \$12,000           | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                     |
|                                  | 26 Replace (1998 Carrier) 4 ton RTU with new (classroom 403)               | 1        | ea    | \$12,000           | \$12,000    | \$1,344              | \$13,344    | \$267                  | \$13,611          |                       |                     |
|                                  | 27 Replace (2013 Trane) 10 ton condensing unit with new (Media Center)     | 1        | ea    | \$20,000           | \$20,000    | \$2,240              | \$22,240    | \$445                  | \$22,684          |                       |                     |
|                                  | 28 Install A/C in remaining instructional areas of building                | 1        | ls    | \$1,090,000        | \$1,090,000 | \$122,061            | \$1,212,061 | \$24,241               | \$1,236,302       |                       |                     |
|                                  | 29 Add A/C in Auditorium   | 1        | ls    | \$70,000           | \$70,000    | \$7,839              | \$77,839    | \$1,557                | \$79,396          |                       |                     |

5. Crestwood High School

| Category  | Work Item Description   | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate   |
|---|---|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|---------------------------|---------------------|
| <u>electrical</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Replace bell system   | 1        |       | \$185,000          | \$185,000   | \$20,717             | \$205,717   | \$4,114                | \$209,831         |                           |                     |
|   | 2 Replace old Bulldog electrical panels                               | 10       |       | \$2,500            | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                     |
|   | 3 Replace retrofitted lighting to new LED fixtures in corridors (50%) | 1        |       | \$370,000          | \$370,000   | \$41,434             | \$411,434   | \$8,229                | \$419,662         |                           |                     |
|   | 4 Add new panels for additional receptacles in each classroom         | 6        |       | \$8,000            | \$48,000    | \$5,375              | \$53,375    | \$1,068                | \$54,443          |                           |                     |
|   | 5 Add 4 receptacles to each classroom                                 | 60       |       | \$1,200            | \$72,000    | \$8,063              | \$80,063    | \$1,601                | \$81,664          |                           |                     |
|   | 6 Electrical work to support mechanical scope                         | 128      |       | \$1,500            | \$192,000   | \$21,501             | \$213,501   | \$4,270                | \$308,509         |                           |                     |
|   | 7 New 400 amp distribution panel to feed new AC units                 | 1        |       | \$16,000           | \$16,000    | \$1,792              | \$17,792    | \$356                  | \$18,148          |                           |                     |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$12,991,707</b>       |                     |
| <u>Technology</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Instructional Technology/Equipment (computers/printers)             | 1        | ls    | \$1,200,000        | \$1,200,000 | \$134,379            | \$1,334,379 | \$26,688               | \$1,361,067       |                           |                     |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$1,361,067</b>        |                     |
| <u>Furnishings/Equipment</u>                                  |   |          |       |                    |             |                      |             |                        |                   |                           |                     |
|   | 1 Classroom furnishings/equipment                                     | 68,976   | sf    | \$10               | \$689,764   | \$77,242             | \$767,006   | \$15,340               | \$782,346         |                           |                     |
|   | 2 Band instruments/equipment  | 1        | ls    | \$80,000           | \$80,000    | \$8,959              | \$88,959    | \$1,779                | \$90,738          |                           |                     |
|   | 3 Planetarium equipment   | 1        | ls    | \$100,000          | \$100,000   | \$11,198             | \$111,198   | \$2,224                | \$113,422         |                           |                     |
|   | 4 New Weight Room/Fitness Equipment                                   | 1        | ls    | \$100,000          | \$100,000   | \$11,198             | \$111,198   | \$2,224                | \$113,422         |                           |                     |
|   | 5 Wood Shop tables/lockers/equipment                                  | 8        | ea    | \$3,200            | \$25,600    | \$2,867              | \$28,467    | \$569                  | \$29,036          |                           |                     |
|   | 6 Dust collector for Wood Shop  | 1        | ls    | \$8,500            | \$8,500     | \$952                | \$9,452     | \$189                  | \$9,641           |                           |                     |
|   | 7 Kitchen equipment   | 1        | ls    | \$75,000           | \$75,000    | \$8,399              | \$83,399    | \$1,668                | \$85,067          |                           |                     |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$1,223,671</b>        |                     |
| Total Site/Construction/Remodeling/Technology/Equipment Costs |   |          |       |                    |             |                      |             |                        |                   | <b>Sub-Total</b>          | <b>\$35,256,221</b> |
|   |   |          |       |                    |             |                      |             |                        |                   | Contingency               | \$3,525,622         |
|   |   |          |       |                    |             |                      |             |                        |                   | CM Fee/Reimbursables      | \$3,576,108         |
|   |   |          |       |                    |             |                      |             |                        |                   | A/E Fee/Reimbursables     | \$3,282,741         |
|   |   |          |       |                    |             |                      |             |                        |                   | <b>Total Project Cost</b> | <b>\$45,640,691</b> |

# Building Utilization

## School Building Name

Crestwood High School

Project No. [n] 5

Current Grade Structure 9-12  
 Proposed Grade Structure 9-12

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

| Existing               | List # of Teaching Stations | Capacity Factor | Capacity     |
|------------------------|-----------------------------|-----------------|--------------|
| (K-2) Lower Elementary |                             | 20              | 0            |
| (3-5) Upper Elementary |                             | 25              | 0            |
| (6-8) Junior High      |                             | 22.5            | 0            |
| (9-12) High School     | 56                          | 21.25           | 1,190        |
| <b>Subtotal</b>        | <b>56</b>                   |                 | <b>1,190</b> |

| Proposed New           | List # of Teaching Stations | Capacity Factor | Capacity    |
|------------------------|-----------------------------|-----------------|-------------|
| (K-2) Lower Elementary |                             | 20              | 0           |
| (3-5) Upper Elementary |                             | 25              | 0           |
| (6-8) Junior High      |                             | 22.5            | 0           |
| (9-12) High School     | 10                          | 21.25           | 213         |
| <b>Subtotal</b>        | <b>10</b>                   |                 | <b>213</b>  |
| <b>Total</b>           | <b>66</b>                   |                 | <b>1403</b> |

| Facility to be Closed  | List # of Teaching Stations | Capacity Factor | Capacity |
|------------------------|-----------------------------|-----------------|----------|
| (K-2) Lower Elementary |                             | 20              | 0        |
| (3-5) Upper Elementary |                             | 25              | 0        |
| (6-8) Junior High      |                             | 22.5            | 0        |
| (9-12) High School     |                             | 21.25           | 0        |
| <b>Total</b>           | <b>0</b>                    |                 | <b>0</b> |

Projected 5-Year Enrollment 1154

Utilization Percentage 82%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



**Crestwood High School – CR Summary**

| Grade Level | No. of Rooms | Capacity per room | Total (students) |
|-------------|--------------|-------------------|------------------|
| 9-12        | 66           | 21.25             | 1403             |

# Project Sheet

|                        |                        |          |
|------------------------|------------------------|----------|
| <b>Cherry Hill ECC</b> | <b>Project No. [n]</b> | <b>6</b> |
|------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     | <input checked="" type="checkbox"/> New addition          | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

|  |       |                |        |
|--|-------|----------------|--------|
| New Stand-Alone Construction Square Ft |       | Cost per Sq Ft |        |
| New Addition Square Ft.                | 6,800 | Cost per Sq Ft | \$ 454 |

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|   |   |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> None noted           | <input type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | 1.  | 2.  | 3.   |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1    | Series 2          | Series 3            | - | Total               |
|------------------------------|-------------|-------------------|---------------------|---|---------------------|
| New Construction             | \$ -        | \$ -              | \$ 3,085,084        |   | \$ 3,085,084        |
| Remodeling                   | \$ -        | \$ -              | \$ 536,487          |   | \$ 536,487          |
| Construction Contingencies   | \$ -        | \$ -              | \$ 553,909          |   | \$ 553,909          |
| Instructional Technology     | \$ -        | \$ -              |                     |   | \$ -                |
| Loose Furnishing/Equipment   | \$ -        | \$ -              | \$ 413,198          |   | \$ 413,198          |
| Buses                        | \$ -        | \$ -              | \$ -                |   | \$ -                |
| Site Work                    | \$ -        | \$ -              | \$ 1,504,319        |   | \$ 1,504,319        |
| Site Acquisition             | \$ -        | \$ -              | \$ -                |   | \$ -                |
| Architectural Fees and Costs | \$ -        | \$ 464,501        | \$ 51,611           |   | \$ 516,112          |
| CM Fees and Costs            | \$ -        | \$ 28,326         | \$ 538,193          |   | \$ 566,519          |
| <b>Estimated Costs</b>       | <b>\$ -</b> | <b>\$ 492,827</b> | <b>\$ 6,682,801</b> |   | <b>\$ 7,175,628</b> |

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

|  |                     |                                      |
|--|---------------------|--------------------------------------|
|  | Date                | 6/12/2024                            |
| Signature  | Date                | French Associates, Inc. - 1301033304 |
| Dale C. Jerome   | dalej@frenchaia.com | (248) 656-1377                       |
| Printed Name   | E-mail Address      | Phone Number                         |

**WORK LIST**

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

**Existing Building SF: 19,050**  
**New Construction SF: 6,800**  
**Total Building SF: 25,850**

**6. Cherry Hill ECC**

| Category  | Work Item Description   | Quantity | Units | Units/s.f.<br>Cost | Base Cost   | Escalation<br>11.20% | Subtotal    | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate  |
|---|---|----------|-------|--------------------|-------------|----------------------|-------------|------------------------|-------------------|---------------------------|--------------------|
| <u>Site Work</u>  |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1 Paving and sidewalk replacment                              | 1        | ls    | \$901,300          | \$901,300   | \$100,930            | \$1,002,230 | \$20,045               | \$1,022,274       |                           |                    |
|   | 2 Add fencing around site                                     | 1        | ls    | \$25,000           | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                    |
|   | 3 Install additional/new playground equipment                 | 1        | ls    | \$225,000          | \$225,000   | \$25,196             | \$250,196   | \$5,004                | \$255,200         |                           |                    |
|   | 4 Upgrades to site storage building                           | 1        | ls    | \$25,000           | \$25,000    | \$2,800              | \$27,800    | \$556                  | \$28,356          |                           |                    |
|   | 3 Relocate salt storage area from HS to Cherry Hill           | 1        | ls    | \$150,000          | \$150,000   | \$16,797             | \$166,797   | \$3,336                | \$170,133         |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$1,504,319</b>        |                    |
| <u>New Construction</u>                                       |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1 Four (4) Pre-K CR addition                                  | 6,800    | sf    | \$400              | \$2,720,000 | \$304,592            | \$3,024,592 | \$60,492               | \$3,085,084       |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$3,085,084</b>        |                    |
| <u>Remodeling/Rehabilitation</u>                              |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
| <u>exterior</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1 Replace exterior windows                                    | 1        | ls    | \$185,000          | \$185,000   | \$20,717             | \$205,717   | \$4,114                | \$209,831         |                           |                    |
|   | 2 Replace exterior doors at select locations                  | 10       | ea    | \$3,800            | \$38,000    | \$4,255              | \$42,255    | \$845                  | \$43,100          |                           |                    |
| <u>interior</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1   |          |       | \$0                | \$0         | \$0                  | \$0         | \$0                    | \$0               |                           |                    |
| <u>mechanical</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1 Add A/C to CRs  | 1        | ls    | \$250,000          | \$250,000   | \$27,996             | \$277,996   | \$5,560                | \$283,556         |                           |                    |
| <u>electrical</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1   |          |       | \$0                | \$0         | \$0                  | \$0         | \$0                    | \$0               |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$536,487</b>          |                    |
| <u>Technology</u>   |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1 Non-instructional Technology/Equipment (computers/printers) | 1        | ls    | \$250,000          | \$250,000   | \$27,996             | \$277,996   | \$5,560                | \$283,556         |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$283,556</b>          |                    |
| <u>Furnishings/Equipment</u>                                  |   |          |       |                    |             |                      |             |                        |                   |                           |                    |
|   | 1 Classroom furnishings/equipment                             | 11,430   | sf    | \$10               | \$114,300   | \$12,800             | \$127,100   | \$2,542                | \$129,642         |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |             |                      |             |                        |                   | <b>\$129,642</b>          |                    |
| Total Site/Construction/Remodeling/Technology/Equipment Costs |   |          |       |                    |             |                      |             |                        |                   | <b>Sub-Total</b>          | <b>\$5,539,087</b> |
|   |   |          |       |                    |             |                      |             |                        |                   | Contingency               | \$553,909          |
|   |   |          |       |                    |             |                      |             |                        |                   | CM Fee/Reimbrusables      | \$566,519          |
|   |   |          |       |                    |             |                      |             |                        |                   | A/E Fee/Reimbrusables     | \$516,112          |
|   |   |          |       |                    |             |                      |             |                        |                   | <b>Total Project Cost</b> | <b>\$7,175,627</b> |

# Project Sheet

|                                |                        |          |
|--------------------------------|------------------------|----------|
| <b>Transportation Building</b> | <b>Project No. [n]</b> | <b>7</b> |
|--------------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       | <input checked="" type="checkbox"/> Remodeling            | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        | <input checked="" type="checkbox"/> Site work             | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft \_\_\_\_\_ **Cost per Sq Ft** \_\_\_\_\_  
 New Addition Square Ft. \_\_\_\_\_ **Cost per Sq Ft** \_\_\_\_\_

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

|   |   |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> None noted           | <input type="checkbox"/> Asbestos abatement | <input checked="" type="checkbox"/> Energy efficiencies | <input checked="" type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list: | 1.  | 2.  | 3.   |  |

## Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1    | Series 2          | Series 3            | - | Total               |
|------------------------------|-------------|-------------------|---------------------|---|---------------------|
| New Construction             |             | \$ -              | \$ -                |   | \$ -                |
| Remodeling                   |             | \$ -              | \$ 1,187,531        |   | \$ 1,187,531        |
| Construction Contingencies   |             | \$ -              | \$ 158,202          |   | \$ 158,202          |
| Instructional Technology     |             | \$ -              | \$ -                |   | \$ -                |
| Loose Furnishing/Equipment   |             | \$ -              | \$ -                |   | \$ -                |
| Buses                        |             | \$ -              | \$ -                |   | \$ -                |
| Site Work                    |             | \$ -              | \$ 394,491          |   | \$ 394,491          |
| Site Acquisition             |             | \$ -              | \$ -                |   | \$ -                |
| Architectural Fees and Costs |             | \$ 132,912        | \$ 14,768           |   | \$ 147,680          |
| CM Fees and Costs            |             | \$ 8,266          | \$ 157,055          |   | \$ 165,321          |
| <b>Estimated Costs</b>       | <b>\$ -</b> | <b>\$ 141,178</b> | <b>\$ 1,912,047</b> |   | <b>\$ 2,053,225</b> |

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

\_\_\_\_\_ Date 6/12/2024 \_\_\_\_\_ French Associates, Inc. - 1301033304  
 Signature Date Firm Name and License Number

Dale C. Jerome \_\_\_\_\_ (248) 656-1377 \_\_\_\_\_  
 Printed Name E-mail Address Phone Number



**WORK LIST**

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

Existing Building SF: 21,800  
 New Construction SF: 0  
 Total Building SF: 21,800

**7. Transportation Building**

| Category  | Work Item Description   | Quantity | Units | Units/s.f.<br>Cost | Base Cost | Escalation<br>11.20% | Subtotal  | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate  |
|---|---|----------|-------|--------------------|-----------|----------------------|-----------|------------------------|-------------------|---------------------------|--------------------|
| <b>Site Work</b>  |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1 Repave parking lot  | 29700    | sf    | \$8                | \$237,600 | \$26,607             | \$264,207 | \$5,284                | \$269,491         |                           |                    |
|   | 2 Allowance for storwater management                                  | 1        | ls    | \$125,000          |           |                      |           |                        | \$125,000         |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |           |                      |           |                        |                   | <b>\$394,491</b>          |                    |
| <b>New Construction</b>                                       |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1   |          |       |                    | \$0       | \$0                  | \$0       | \$0                    | \$0               |                           | <b>\$0</b>         |
|   |   |          |       | <b>Subtotal</b>    |           |                      |           |                        |                   |                           |                    |
| <b>Remodeling/Rehabilitation</b>                              |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
| <b>exterior</b>   |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1 Roof replacement  | 21,800   | sf    | \$20               | \$436,000 | \$48,824             | \$484,824 | \$9,696                | \$494,521         |                           |                    |
| <b>interior</b>   |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1 Remodel driver's lounge and office area (floors/clgs/cabinetry)     | 1,000    | sf    | \$85               | \$85,000  | \$9,519              | \$94,519  | \$1,890                | \$96,409          |                           |                    |
|   | 2 Relocate maint dept from HS to Trans Bldg                           | 3,200    | sf    | \$85               | \$272,000 | \$30,459             | \$302,459 | \$6,049                | \$308,508         |                           |                    |
| <b>mechanical</b>   |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1 Replace (1987) 30 MBH gas domestic water heater with new            | 1        |       | \$7,000            | \$7,000   | \$784                | \$7,784   | \$156                  | \$7,940           |                           |                    |
|   | 2 Replace (2015) 50 gallon electric domestic water heater with new    | 1        |       | \$5,000            | \$5,000   | \$560                | \$5,560   | \$111                  | \$5,671           |                           |                    |
|   | 3 Replace gas fired unit heater                                       | 2        |       | \$8,000            | \$16,000  | \$1,792              | \$17,792  | \$356                  | \$18,148          |                           |                    |
|   | 4 Replace furnace, DX coil & cond unit with new                       | 2        |       | \$10,000           | \$20,000  | \$2,240              | \$22,240  | \$445                  | \$22,684          |                           |                    |
|   | 5 Replace 4 ton RTU and connected above roof ductwork with new        | 1        |       | \$12,000           | \$12,000  | \$1,344              | \$13,344  | \$267                  | \$13,611          |                           |                    |
|   | 6 Replace (2007) 100% OA gas fired RTU with new                       | 1        |       | \$10,000           | \$10,000  | \$1,120              | \$11,120  | \$222                  | \$11,342          |                           |                    |
|   | 7 Replace (2000) 4 ton (R-22) RTU with new                            | 1        |       | \$12,000           | \$12,000  | \$1,344              | \$13,344  | \$267                  | \$13,611          |                           |                    |
| <b>electrical</b>   |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1 Replace all interior lighting within the building with LED fixtures | 1        |       | \$92,000           | \$92,000  | \$10,302             | \$102,302 | \$2,046                | \$104,348         |                           |                    |
|   | 2 Provide new lighting control for all interior lighting              | 1        |       | \$34,500           | \$34,500  | \$3,863              | \$38,363  | \$767                  | \$39,131          |                           |                    |
|   | 3 Add new exit signs  | 8        |       | \$400              | \$3,200   | \$358                | \$3,558   | \$71                   | \$3,630           |                           |                    |
|   | 4 Replace all building mounted exterior lighting                      | 6        |       | \$800              | \$4,800   | \$538                | \$5,338   | \$107                  | \$5,444           |                           |                    |
|   | 5 Add receptacles throughout building as needed                       | 20       |       | \$1,200            | \$24,000  | \$2,688              | \$26,688  | \$534                  | \$27,221          |                           |                    |
|   | 6 Electrical work to support mechanical scope                         | 9        |       | \$1,500            | \$13,500  | \$1,512              | \$15,012  | \$300                  | \$15,312          |                           |                    |
|   |   |          |       | <b>Subtotal</b>    |           |                      |           |                        |                   | <b>\$1,187,531</b>        |                    |
| <b>Technology</b>   |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1   | 1        |       |                    | \$0       | \$0                  | \$0       | \$0                    | \$0               |                           | <b>\$0</b>         |
|   |   |          |       | <b>Subtotal</b>    |           |                      |           |                        |                   |                           |                    |
| <b>Furnishings/Equipment</b>                                  |   |          |       |                    |           |                      |           |                        |                   |                           |                    |
|   | 1   |          |       |                    | \$0       | \$0                  | \$0       | \$0                    | \$0               |                           | <b>\$0</b>         |
|   |   |          |       | <b>Subtotal</b>    |           |                      |           |                        |                   |                           |                    |
| Total Site/Construction/Remodeling/Technology/Equipment Costs |   |          |       |                    |           |                      |           |                        |                   | <b>Sub-Total</b>          | <b>\$1,582,022</b> |
|   |   |          |       |                    |           |                      |           |                        |                   | Contingency               | \$158,202          |
|   |   |          |       |                    |           |                      |           |                        |                   | CM Fee/Reimbursables      | \$165,321          |
|   |   |          |       |                    |           |                      |           |                        |                   | A/E Fee/Reimbursables     | \$147,680          |
|   |   |          |       |                    |           |                      |           |                        |                   | <b>Total Project Cost</b> | <b>\$2,053,225</b> |

# Project Sheet

|                                  |                        |          |
|----------------------------------|------------------------|----------|
| <b>Board Office - Admin Bldg</b> | <b>Project No. [n]</b> | <b>8</b> |
|----------------------------------|------------------------|----------|

| Proposal #:   | Series 1  | Series 2  | Series 3  |   |  |
|---|---|---|---|---|--|
| <i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i> | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <input type="checkbox"/> New stand-alone bldg             | <i>For multiple proposals, include a separate project page for each.</i> |
|   | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     | <input type="checkbox"/> New addition                     |  |
|   | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       | <input type="checkbox"/> Remodeling                       |  |
|   | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              | <input type="checkbox"/> Instructional tech.              |  |
|   | <input type="checkbox"/> Furnishings/Equip.               | <input type="checkbox"/> Furnishings/Equip.               | <input checked="" type="checkbox"/> Furnishings/Equip.    | <input type="checkbox"/> Furnishings/Equip.               |  |
|   | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            | <input type="checkbox"/> Buses                            |  |
|   | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        | <input type="checkbox"/> Site work                        |  |
|   | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) | <input type="checkbox"/> Building shutdown (demo/closure) |  |
|   | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 | <input type="checkbox"/> Site acquisition                 |  |

### Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft \_\_\_\_\_ **Cost per Sq Ft** \_\_\_\_\_  
 New Addition Square Ft. \_\_\_\_\_ **Cost per Sq Ft** \_\_\_\_\_

### Does this proposed project address any existing environmental or usability problems? (check all that apply)


|  |   |  |   |  |
|--|---|--|---|--|
| <input checked="" type="checkbox"/> None noted | <input type="checkbox"/> Asbestos abatement | <input type="checkbox"/> Energy efficiencies | <input type="checkbox"/> ADA requirements |  |
| <input type="checkbox"/> Other - please list:  | 1. _____                                    | 2. _____                                     | 3. _____                                  |  |

### Estimated Cost of Proposed Construction Project

| Column 1                     | Series 1    | Series 2        | Series 3         | - | Total            |
|------------------------------|-------------|-----------------|------------------|---|------------------|
| New Construction             | \$ -        | \$ -            | \$ -             |   | \$ -             |
| Remodeling                   | \$ -        | \$ -            | \$ -             |   | \$ -             |
| Construction Contingencies   | \$ -        | \$ -            | \$ 3,670         |   | \$ 3,670         |
| Instructional Technology     | \$ -        | \$ -            | \$ -             |   | \$ -             |
| Loose Furnishing/Equipment   | \$ -        | \$ -            | \$ 36,695        |   | \$ 36,695        |
| Buses                        | \$ -        | \$ -            | \$ -             |   | \$ -             |
| Site Work                    | \$ -        | \$ -            | \$ -             |   | \$ -             |
| Site Acquisition             | \$ -        | \$ -            | \$ -             |   | \$ -             |
| Architectural Fees and Costs | \$ -        | \$ 2,815        | \$ 313           |   | \$ 3,128         |
| CM Fees and Costs            | \$ -        | \$ -            | \$ -             |   | \$ -             |
| <b>Estimated Costs</b>       | <b>\$ -</b> | <b>\$ 2,815</b> | <b>\$ 40,678</b> |   | <b>\$ 43,493</b> |

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

Signature:  Date: 6/12/2024 Firm Name and License Number: French Associates, Inc. - 1301033304

Printed Name: Dale C. Jerome E-mail Address: dalej@frenchaia.com Phone Number: (248) 656-1377

**WORK LIST**

The list below describes the general intent of the project. The final detail of work may vary as the actual design is developed.

**Crestwood School District**

Existing Building SF: 5,500  
 New Construction SF: 0  
 Total Building SF: 5,500

**8. Central Admin/Board Office**

| Category  | Work Item Description          | Quantity | Units | Units/s.f.<br>Cost | Base Cost | Escalation<br>11.20% | Subtotal | General Cond.<br>2.00% | Projected<br>Cost | Sub-Total<br>Estimate     | Total<br>Estimate |
|---|--------------------------------|----------|-------|--------------------|-----------|----------------------|----------|------------------------|-------------------|---------------------------|-------------------|
| <u>Site Work</u>  |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
|   |                                |          |       | <b>Subtotal</b>    |           |                      |          |                        |                   |                           | <b>\$0</b>        |
| <u>New Construction</u>                                       |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
|   |                                |          |       | <b>Subtotal</b>    |           |                      |          |                        |                   |                           | <b>\$0</b>        |
| <u>Remodeling/Rehabilitation</u>                              |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
| <u>exterior</u>   |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
| <u>interior</u>   |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
| <u>mechanical</u>   |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
| <u>electrical</u>   |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
|   | 2                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
|   |                                |          |       | <b>Subtotal</b>    |           |                      |          |                        |                   |                           | <b>\$0</b>        |
| <u>Technology</u>   |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
|   | 2                              |          |       | \$0                | \$0       | \$0.00               | \$0      | \$0                    | \$0               | \$0                       | \$0               |
|   |                                |          |       | <b>Subtotal</b>    |           |                      |          |                        |                   |                           | <b>\$0</b>        |
| <u>Furnishings/Equipment</u>                                  |                                |          |       |                    |           |                      |          |                        |                   |                           |                   |
|   | 1 Office furnishings/equipment | 3,300    | sf    | \$10               | \$33,000  | \$3,695.42           | \$36,695 | \$0                    | \$36,695          | \$36,695                  | \$36,695          |
|   |                                |          |       | <b>Subtotal</b>    |           |                      |          |                        |                   |                           | <b>\$36,695</b>   |
| Total Site/Construction/Remodeling/Technology/Equipment Costs |                                |          |       |                    |           |                      |          |                        |                   | <b>Sub-Total</b>          | <b>\$36,695</b>   |
|   |                                |          |       |                    |           |                      |          |                        |                   | Contingency               | \$3,670           |
|   |                                |          |       |                    |           |                      |          |                        |                   | CM Fee/Reimbursables      | \$0               |
|   |                                |          |       |                    |           |                      |          |                        |                   | A/E Fee/Reimbursables     | \$3,128           |
|   |                                |          |       |                    |           |                      |          |                        |                   | <b>Total Project Cost</b> | <b>\$43,493</b>   |



# Facility Summary

**Crestwood School District** **82-230**

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

| Proj. No.    | 1<br>Facility Type* | 2<br>Name of School Facility | 3<br>Address        | 4<br>City        | 5<br>Year Built | 6<br>Total Sq.Ft. | 7<br>New Site (Acres) | 8<br>Bldg In Use? Y/N | 9<br>Sq Ft of Closed Facility | 10<br>Disposition of Closed Facility** |
|--------------|---------------------|------------------------------|---------------------|------------------|-----------------|-------------------|-----------------------|-----------------------|-------------------------------|--|
| 1            | Instructional       | Highview Elementary          | 25225 Richardson    | Dearborn Heights | 1961            | 48,909            | 0                     | Yes                   | 0                             | n/a                                    |
| 2            | Instructional       | Hillcrest Elementary         | 7500 Vernon         | Dearborn Heights | 1958            | 44,258            | 0                     | Yes                   | 0                             | n/a                                    |
| 3            | Instructional       | Kinloch Elementary           | 1505 Kinloch        | Dearborn Heights | 1964            | 46,140            | 0                     | Yes                   | 0                             | n/a                                    |
| 4            | Instructional       | Riverside Middle School      | 25900 Warren        | Dearborn Heights | 1960            | 166,186           | 0                     | Yes                   | 0                             | n/a                                    |
| 5            | Instructional       | Crestwood High School        | 1501 N. Beech Daily | Dearborn Heights | 1965            | 172,441           | 0                     | Yes                   | 0                             | n/a                                    |
| 6            | Non-instructional   | Cherry Hill ECC              | 1045 N. Gulley Road | Dearborn Heights |                 | 19,050            | 0                     | Yes                   | 0                             | n/a                                    |
| 7            | Non-instructional   | Transportation Building      | 25081 Trowbridge    | Dearborn         | 1964            | 21,800            | 0                     | Yes                   | 0                             | n/a                                    |
| 8            | Non-instructional   | Board Office - Admin Bldg    | 27235 Joy Road      | Dearborn Heights |                 | 5,500             | 0                     | Yes                   | 0                             | n/a                                    |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
|              |                     |                              |                     |                  |                 |                   |                       |                       |                               |  |
| <b>Total</b> | -----               | -----                        | -----               | -----            | ----            | <b>524,284</b>    |                       |                       |                               | -----                                  |

- |                        |                                     |
|------------------------|-------------------------------------|
| <b>*Facility Type:</b> | <b>**Closed Facility Reference:</b> |
| Instructional          | 1. Demolish                         |
| Non-Instructional      | 2. Convert to non-instructional     |
| Bus Garage             | 3. Sell or lease                    |
| Storage                | 4. Retain for future use            |
| Stadium                | 5. Undetermined                     |

## Cost Summary - Combined

### Crestwood School District

| 1<br>Proj. # | 2<br>Cost per<br>Sq Foot | 3<br>New Cons<br>Sq Feet | 4<br>New Construction | 5<br>Remodeling     | 6<br>Contingency    | 7<br>Instructional<br>Technology | 8<br>Loose Furn and<br>Equip | 9<br>Buses           | 10<br>Site Work | 11<br>Site<br>Acquisition | 12<br>A/E Fees and<br>Costs | 13<br>CM Fees and<br>Costs | 14<br>Project Costs |
|--------------|--------------------------|--------------------------|-----------------------|---------------------|---------------------|----------------------------------|------------------------------|----------------------|-----------------|---------------------------|-----------------------------|----------------------------|---------------------|
| 1            | \$431                    | 12,610                   | \$ 5,434,996          | \$ 4,066,237        | \$ 1,138,560        | \$ 964,089                       | \$ 446,264                   | \$ -                 | \$ 474,048      | \$ -                      | \$ 1,060,382                | \$ 1,158,176               | \$ 14,742,752       |
| 2            | \$463                    | 10,247                   | \$ 4,743,159          | \$ 3,805,095        | \$ 1,177,200        | \$ 964,089                       | \$ 414,613                   | \$ -                 | \$ 1,845,039    | \$ -                      | \$ 1,096,684                | \$ 1,201,560               | \$ 15,247,439       |
| 3            | \$431                    | 12,610                   | \$ 5,434,966          | \$ 4,267,996        | \$ 1,158,291        | \$ 964,089                       | \$ 427,420                   | \$ -                 | \$ 488,430      | \$ -                      | \$ 1,078,938                | \$ 1,180,583               | \$ 15,000,713       |
| 4            | \$431                    | 5,600                    | \$ 2,413,625          | \$ 10,909,644       | \$ 1,635,273        | \$ 1,134,222                     | \$ 1,243,353                 | \$ -                 | \$ 651,883      | \$ -                      | \$ 1,517,352                | \$ 1,590,742               | \$ 21,096,094       |
| 5            | \$368                    | 40,801                   | \$ 15,012,735         | \$ 12,991,706       | \$ 3,525,623        | \$ 1,361,067                     | \$ 1,223,671                 | \$ -                 | \$ 4,667,041    | \$ -                      | \$ 3,282,741                | \$ 3,576,107               | \$ 45,640,691       |
| 6            | \$454                    | 6,800                    | \$ 3,085,084          | \$ 536,487          | \$ 553,909          | \$ -                             | \$ 413,198                   | \$ -                 | \$ 1,504,319    | \$ -                      | \$ 516,112                  | \$ 566,519                 | \$ 7,175,628        |
| 7            |                          | -                        | \$ -                  | \$ 1,187,531        | \$ 158,202          | \$ -                             | \$ -                         | \$ -                 | \$ 394,491      | \$ -                      | \$ 147,680                  | \$ 165,321                 | \$ 2,053,225        |
| 8            |                          | -                        | \$ -                  | \$ -                | \$ 3,670            | \$ -                             | \$ 36,695                    | \$ -                 | \$ -            | \$ -                      | \$ 3,128                    | \$ -                       | \$ 43,493           |
| 9            |                          |                          |                       |                     |                     |                                  |                              |                      |                 |                           |                             |                            |                     |
| 10           |                          |                          |                       |                     |                     |                                  |                              |                      |                 |                           |                             |                            |                     |
| 11           |                          |                          |                       |                     |                     |                                  |                              |                      |                 |                           |                             |                            |                     |
| 12           |                          |                          |                       |                     |                     |                                  |                              |                      |                 |                           |                             |                            |                     |
| 13           |                          |                          |                       |                     |                     |                                  |                              |                      |                 |                           |                             |                            |                     |
| 14           |                          |                          |                       |                     |                     |                                  |                              |                      |                 |                           |                             |                            |                     |
| <b>Total</b> | <b>88,668</b>            | <b>\$ 36,124,565</b>     | <b>\$ 37,764,696</b>  | <b>\$ 9,350,728</b> | <b>\$ 5,387,556</b> | <b>\$ 4,205,214</b>              | <b>\$ -</b>                  | <b>\$ 10,025,251</b> | <b>\$ -</b>     | <b>\$ 8,703,017</b>       | <b>\$ 9,439,008</b>         | <b>\$ 121,000,035</b>      |                     |

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$1,012,641

LESS: Estimated Interest Earnings: (\$1,012,676)

Other (specify): \_\_\_\_\_  
(Unallocated Proceeds)

**AMOUNT OF PROPOSED ISSUE \$121,000,000**  
*(Amount to be Qualified)*

# Cost Summary - Series 1

## Crestwood School District

| 1<br>Proj. # | 2<br>Cost per<br>Sq Foot | 3<br>New Cons<br>Sq Feet | 4<br>New Construction | 5<br>Remodeling | 6<br>Contingency  | 7<br>Instructional<br>Technology | 8<br>Loose Furn and<br>Equip | 9<br>Buses  | 10<br>Site Work | 11<br>Site<br>Acquisition | 12<br>A/E Fees and<br>Costs | 13<br>CM Fees and<br>Costs | 14<br>Project Costs  |
|--------------|--------------------------|--------------------------|-----------------------|-----------------|-------------------|----------------------------------|------------------------------|-------------|-----------------|---------------------------|-----------------------------|----------------------------|----------------------|
| 1            |                          | 12,610                   | \$ 2,653,282          | \$ -            | \$ 148,013        | \$ -                             |                              | \$ -        | \$ -            | \$ -                      | \$ 1,030,085                | \$ 843,814                 | \$ 4,675,194         |
| 2            |                          | 10,247                   | \$ 2,315,524          | \$ -            | \$ 153,036        | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ 1,065,350                | \$ 875,422                 | \$ 4,409,332         |
| 3            |                          | 12,610                   | \$ 2,653,252          | \$ -            | \$ 150,578        | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ 1,048,111                | \$ 860,139                 | \$ 4,712,080         |
| 4            |                          | -                        | \$ -                  | \$ -            | \$ -              | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ 1,138,014                | \$ 66,281                  | \$ 1,204,295         |
| 5            |                          | -                        | \$ -                  | \$ -            | \$ -              | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ 2,462,056                | \$ 149,004                 | \$ 2,611,060         |
| 6            |                          | -                        | \$ -                  | \$ -            | \$ -              | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ -                        | \$ -                       | \$ -                 |
| 7            |                          | -                        | \$ -                  | \$ -            | \$ -              | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ -                        | \$ -                       | \$ -                 |
| 8            |                          | -                        | \$ -                  | \$ -            | \$ -              | \$ -                             | \$ -                         | \$ -        | \$ -            | \$ -                      | \$ -                        | \$ -                       | \$ -                 |
| 9            |                          |                          |                       |                 |                   |                                  |                              |             |                 |                           |                             |                            |                      |
| 10           |                          |                          |                       |                 |                   |                                  |                              |             |                 |                           |                             |                            |                      |
| 11           |                          |                          |                       |                 |                   |                                  |                              |             |                 |                           |                             |                            |                      |
| 12           |                          |                          |                       |                 |                   |                                  |                              |             |                 |                           |                             |                            |                      |
| 13           |                          |                          |                       |                 |                   |                                  |                              |             |                 |                           |                             |                            |                      |
| 14           |                          |                          |                       |                 |                   |                                  |                              |             |                 |                           |                             |                            |                      |
| <b>Total</b> |                          | <b>35,467</b>            | <b>\$ 7,622,058</b>   | <b>\$ -</b>     | <b>\$ 451,627</b> | <b>\$ -</b>                      | <b>\$ -</b>                  | <b>\$ -</b> | <b>\$ -</b>     | <b>\$ -</b>               | <b>\$ 6,743,616</b>         | <b>\$ 2,794,660</b>        | <b>\$ 17,611,961</b> |

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$233,262

LESS: Estimated Interest Earnings: (\$160,223)

Other (specify): \_\_\_\_\_

**AMOUNT OF PROPOSED ISSUE** **\$17,685,000**  
*(Amount to be Qualified)*

## Cost Summary - Series 2

### Crestwood School District

| 1<br>Proj. # | 2<br>Cost per<br>Sq Foot | 3<br>New Cons<br>Sq Feet | 4<br>New Construction | 5<br>Remodeling      | 6<br>Contingency    | 7<br>Instructional<br>Technology | 8<br>Loose Furn and<br>Equip | 9<br>Buses  | 10<br>Site Work     | 11<br>Site<br>Acquisition | 12<br>A/E Fees and<br>Costs | 13<br>CM Fees and<br>Costs | 14<br>Project Costs  |
|--------------|--------------------------|--------------------------|-----------------------|----------------------|---------------------|----------------------------------|------------------------------|-------------|---------------------|---------------------------|-----------------------------|----------------------------|----------------------|
| 1            | \$431                    | 12,610                   | \$ 2,781,714          | \$ 4,066,237         | \$ 990,547          | \$ 964,089                       | \$ 446,264                   | \$ -        | \$ 474,048          | \$ -                      | \$ 30,297                   | \$ 314,362                 | \$ 10,067,558        |
| 2            | \$463                    | 10,247                   | \$ 2,427,635          | \$ 3,805,095         | \$ 1,024,164        | \$ 964,089                       | \$ 414,613                   | \$ -        | \$ 1,845,039        | \$ -                      | \$ 31,334                   | \$ 326,138                 | \$ 10,838,107        |
| 3            | \$431                    | 12,610                   | \$ 2,781,714          | \$ 4,267,996         | \$ 1,007,713        | \$ 964,089                       | \$ 427,420                   | \$ -        | \$ 488,430          | \$ -                      | \$ 30,827                   | \$ 320,444                 | \$ 10,288,633        |
| 4            | \$431                    | 5,600                    | \$ 1,251,062          | \$ -                 | \$ 891,967          | \$ 378,074                       | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ 335,985                  | \$ 1,092,688               | \$ 3,949,776         |
| 5            |                          | 40,801                   | \$ 3,890,800          | \$ -                 | \$ 307,576          | \$ -                             | \$ -                         | \$ -        | \$ 1,166,760        | \$ -                      | \$ 618,670                  | \$ 1,336,456               | \$ 7,320,262         |
| 6            |                          | -                        | \$ -                  | \$ -                 | \$ -                | \$ -                             | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ 464,501                  | \$ 28,326                  | \$ 492,827           |
| 7            |                          | -                        | \$ -                  | \$ -                 | \$ -                | \$ -                             | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ 132,912                  | \$ 8,266                   | \$ 141,178           |
| 8            |                          | -                        | \$ -                  | \$ -                 | \$ -                | \$ -                             | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ 2,815                    | \$ -                       | \$ 2,815             |
| 9            |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 10           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 11           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 12           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 13           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 14           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| <b>Total</b> |                          | <b>81,868</b>            | <b>\$ 13,132,925</b>  | <b>\$ 12,139,328</b> | <b>\$ 4,221,967</b> | <b>\$ 3,270,341</b>              | <b>\$ 1,288,297</b>          | <b>\$ -</b> | <b>\$ 3,974,277</b> | <b>\$ -</b>               | <b>\$ 1,647,341</b>         | <b>\$ 3,426,680</b>        | <b>\$ 43,101,156</b> |

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$413,362

LESS: Estimated Interest Earnings: (\$234,518)

Other (specify): \_\_\_\_\_

**AMOUNT OF PROPOSED ISSUE** **\$43,280,000**  
*(Amount to be Qualified)*

## Cost Summary - Series 3

### Crestwood School District

| 1<br>Proj. # | 2<br>Cost per<br>Sq Foot | 3<br>New Cons<br>Sq Feet | 4<br>New Construction | 5<br>Remodeling      | 6<br>Contingency    | 7<br>Instructional<br>Technology | 8<br>Loose Furn and<br>Equip | 9<br>Buses  | 10<br>Site Work     | 11<br>Site<br>Acquisition | 12<br>A/E Fees and<br>Costs | 13<br>CM Fees and<br>Costs | 14<br>Project Costs  |
|--------------|--------------------------|--------------------------|-----------------------|----------------------|---------------------|----------------------------------|------------------------------|-------------|---------------------|---------------------------|-----------------------------|----------------------------|----------------------|
| 1            |                          | -                        | \$ -                  | \$ -                 | \$ -                | \$ -                             | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ -                        | \$ -                       | \$ -                 |
| 2            |                          | -                        | \$ -                  | \$ -                 | \$ -                | \$ -                             | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ -                        | \$ -                       | \$ -                 |
| 3            |                          | -                        | \$ -                  | \$ -                 | \$ -                | \$ -                             | \$ -                         | \$ -        | \$ -                | \$ -                      | \$ -                        | \$ -                       | \$ -                 |
| 4            | \$431                    | 5,600                    | \$ 1,162,563          | \$ 10,909,644        | \$ 743,306          | \$ 756,148                       | \$ 1,243,353                 | \$ -        | \$ 651,883          | \$ -                      | \$ 43,353                   | \$ 431,773                 | \$ 15,942,023        |
| 5            | \$368                    | 40,801                   | \$ 11,121,935         | \$ 12,991,706        | \$ 3,218,047        | \$ 1,361,067                     | \$ 1,223,671                 | \$ -        | \$ 3,500,281        | \$ -                      | \$ 202,015                  | \$ 2,090,647               | \$ 35,709,369        |
| 6            | \$454                    | 6,800                    | \$ 3,085,084          | \$ 536,487           | \$ 553,909          | \$ -                             | \$ 413,198                   | \$ -        | \$ 1,504,319        | \$ -                      | \$ 51,611                   | \$ 538,193                 | \$ 6,682,801         |
| 7            |                          | -                        | \$ -                  | \$ 1,187,531         | \$ 158,202          | \$ -                             | \$ -                         | \$ -        | \$ 394,491          | \$ -                      | \$ 14,768                   | \$ 157,055                 | \$ 1,912,047         |
| 8            |                          | -                        | \$ -                  | \$ -                 | \$ 3,670            | \$ -                             | \$ 36,695                    | \$ -        | \$ -                | \$ -                      | \$ 313                      | \$ -                       | \$ 40,678            |
| 9            |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 10           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 11           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 12           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 13           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| 14           |                          |                          |                       |                      |                     |                                  |                              |             |                     |                           |                             |                            |                      |
| <b>Total</b> |                          | <b>53,201</b>            | <b>\$ 15,369,582</b>  | <b>\$ 25,625,368</b> | <b>\$ 4,677,134</b> | <b>\$ 2,117,215</b>              | <b>\$ 2,916,917</b>          | <b>\$ -</b> | <b>\$ 6,050,974</b> | <b>\$ -</b>               | <b>\$ 312,060</b>           | <b>\$ 3,217,668</b>        | <b>\$ 60,286,918</b> |

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$366,017

LESS: Estimated Interest Earnings: (\$617,935)

Other (specify): \_\_\_\_\_

**AMOUNT OF PROPOSED ISSUE** **\$60,035,000**  
*(Amount to be Qualified)*

## 3881, Worksheet 1: Useful Life Calculation - Combined

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

| Asset Category  | Useful Life Years |
|---|-------------------|
| <b>New School Building</b>  | 40                |
| <b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.   | 30                |
| <b>Roofing</b>  | 20                |
| <b>Flooring</b>   | 10                |
| <b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc. | 10                |
| <b>Technology Infrastructure</b> - cables, networks, etc.   | 10                |
| <b>Buses</b>  | 6                 |
| <b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.   | 5                 |

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

| Follow Column Instructions                                 | →                                       | Enter Value                                | Col. 1 + Col. 2                           | Enter Value        | Enter Value                             | Col. 4 + Col. 5                  | Col. 6 ÷ Col. 6 Total | Col. 3 x Col. 7                          |
|--|---|--|---|--------------------|---|----------------------------------|-----------------------|--|
| Asset Type   | Col. 1                                  | Col. 2                                     | Col. 3                                    | Col. 4             | Col. 5                                  | Col. 6                           | Col. 7                | Col. 8                                   |
|  | Average Useful Life of Asset (in Years) | Time between Bonds Issue Date and Purchase | Useful Life of Asset from Bond Issue Date | Expenditure Amount | Allocation of Related Professional Fees | Total Costs (Incl. Related Fees) | % of Total Cost       | Average Useful Life of Assets (in years) |
| School Buildings   | 40                                      | 0  | 40  | 36,124,565         | 11,537,124                              | 47,661,689                       | 43.98%                | 17.59                                    |
| Building Improvements                                      | 30                                      | 0  | 30  | 30,393,556         | 9,624,885                               | 40,018,441                       | 36.93%                | 11.08                                    |
| Roofing  | 20                                      | 0  | 20  | 3,067,503          | 983,330                                 | 4,050,833                        | 3.74%                 | 0.75                                     |
| Flooring   | 10                                      | 0  | 10  | 4,303,637          | 1,376,059                               | 5,679,696                        | 5.24%                 | 0.52                                     |
| Furnishing/ Equipment                                      | 10                                      | 0  | 10  | 4,205,214          | 1,360,296                               | 5,565,510                        | 5.14%                 | 0.51                                     |
| Technology Infrastructure                                  | 10                                      | 0  | 10  | 0                  |   | 0                                | 0.00%                 | 0.00                                     |
| Technology (instr/non-instr)                               | 5                                       | 0  | 5   | 5,387,556          |   | 5,387,556                        | 4.97%                 | 0.25                                     |
| Buses  | 6                                       | 0  | 6   | 0                  |   | 0                                | 0.00%                 | 0.00                                     |
| Total for purposes of determining weighted avg useful life |   |  |   | 83,482,031         | 24,881,693                              | 108,363,724                      | 100.00%               | 30.71                                    |

120% of average useful life of assets → 36.85

### 3881, Worksheet 1: Useful Life Calculation - Series 1

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

| Asset Category  | Useful Life Years |
|---|-------------------|
| <b>New School Building</b>  | 40                |
| <b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.   | 30                |
| <b>Roofing</b>  | 20                |
| <b>Flooring</b>   | 10                |
| <b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc. | 10                |
| <b>Technology Infrastructure</b> - cables, networks, etc.   | 10                |
| <b>Buses</b>  | 6                 |
| <b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.   | 5                 |

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

| Follow Column Instructions                                 | →                                       | Enter Value                                | Col. 1 + Col. 2                           | Enter Value        | Enter Value                             | Col. 4 + Col. 5                  | Col. 6 ÷ Col. 6 Total | Col. 3 x Col. 7                          |
|--|---|--|---|--------------------|---|----------------------------------|-----------------------|--|
| Asset Type   | Col. 1                                  | Col. 2                                     | Col. 3                                    | Col. 4             | Col. 5                                  | Col. 6                           | Col. 7                | Col. 8                                   |
|  | Average Useful Life of Asset (in Years) | Time between Bonds Issue Date and Purchase | Useful Life of Asset from Bond Issue Date | Expenditure Amount | Allocation of Related Professional Fees | Total Costs (Incl. Related Fees) | % of Total Cost       | Average Useful Life of Assets (in years) |
| School Buildings   | 40                                      | 0  | 40  | 7,622,058          | 6,174,548                               | 13,796,606                       | 100.00%               | 40.00                                    |
| Building Improvements                                      | 30                                      | 0  | 30  | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Roofing  | 20                                      | 0  | 20  | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Flooring   | 10                                      | 0  | 10  | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Furnishing/ Equipment                                      | 10                                      | 0  | 10  | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Technology Infrastructure                                  | 10                                      | 0  | 10  | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Technology (instr/non-instr)                               | 5                                       | 0  | 5   | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Buses  | 6                                       | 0  | 6   | 0                  | 0                                       | 0                                | 0.00%                 | 0.00                                     |
| Total for purposes of determining weighted avg useful life |   |  |   | 7,622,058          | 6,174,548                               | 13,796,606                       | 100.00%               | 40.00                                    |

120% of average useful life of assets → 48.00

## 3881, Worksheet 1: Useful Life Calculation - Series 2

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

| Asset Category  | Useful Life Years |
|---|-------------------|
| <b>New School Building</b>  | 40                |
| <b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.   | 30                |
| <b>Roofing</b>  | 20                |
| <b>Flooring</b>   | 10                |
| <b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc. | 10                |
| <b>Technology Infrastructure</b> - cables, networks, etc.   | 10                |
| <b>Buses</b>  | 6                 |
| <b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.   | 5                 |

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

| Follow Column Instructions                                 | →                                       | Enter Value                                | Col. 1 + Col. 2                           | Enter Value        | Enter Value                             | Col. 4 + Col. 5                  | Col. 6 ÷ Col. 6 Total | Col. 3 x Col. 7                          |
|--|---|--|---|--------------------|---|----------------------------------|-----------------------|--|
| Asset Type   | Col. 1                                  | Col. 2                                     | Col. 3                                    | Col. 4             | Col. 5                                  | Col. 6                           | Col. 7                | Col. 8                                   |
|  | Average Useful Life of Asset (in Years) | Time between Bonds Issue Date and Purchase | Useful Life of Asset from Bond Issue Date | Expenditure Amount | Allocation of Related Professional Fees | Total Costs (Incl. Related Fees) | % of Total Cost       | Average Useful Life of Assets (in years) |
| School Buildings   | 40                                      | 0  | 40  | 13,132,925         | 6,102,696                               | 19,235,621                       | 49.98%                | 19.99                                    |
| Building Improvements                                      | 30                                      | 0  | 30  | 9,887,509          | 1,878,733                               | 11,766,242                       | 30.57%                | 9.17                                     |
| Roofing  | 20                                      | 0  | 20  | 670,665            | 130,608                                 | 801,273                          | 2.08%                 | 0.42                                     |
| Flooring   | 10                                      | 0  | 10  | 1,581,154          | 301,582                                 | 1,882,736                        | 4.89%                 | 0.49                                     |
| Furnishing/ Equipment                                      | 10                                      | 0  | 10  | 1,288,297          | 245,550                                 | 1,533,847                        | 3.99%                 | 0.40                                     |
| Technology Infrastructure                                  | 10                                      | 0  | 10  | 0                  |   | 0                                | 0.00%                 | 0.00                                     |
| Technology (instr/non-instr)                               | 5                                       | 0  | 5   | 3,270,341          |   | 3,270,341                        | 8.50%                 | 0.42                                     |
| Buses  | 6                                       | 0  | 6   | 0                  |   | 0                                | 0.00%                 | 0.00                                     |
| Total for purposes of determining weighted avg useful life |   |  |   | 29,830,891         | 8,659,168                               | 38,490,059                       | 100.00%               | 30.89                                    |

120% of average useful life of assets → 37.07

### 3881, Worksheet 1: Useful Life Calculation - Series 3

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

| Asset Category  | Useful Life Years |
|---|-------------------|
| <b>New School Building</b>  | 40                |
| <b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.   | 30                |
| <b>Roofing</b>  | 20                |
| <b>Flooring</b>   | 10                |
| <b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc. | 10                |
| <b>Technology Infrastructure</b> - cables, networks, etc.   | 10                |
| <b>Buses</b>  | 6                 |
| <b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.   | 5                 |

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

| Follow Column Instructions                                 | →                                       | Enter Value                                | Col. 1 + Col. 2                           | Enter Value        | Enter Value                             | Col. 4 + Col. 5                  | Col. 6 ÷ Col. 6 Total | Col. 3 x Col. 7                          |
|--|---|--|---|--------------------|---|----------------------------------|-----------------------|--|
| Asset Type   | Col. 1                                  | Col. 2                                     | Col. 3                                    | Col. 4             | Col. 5                                  | Col. 6                           | Col. 7                | Col. 8                                   |
|  | Average Useful Life of Asset (in Years) | Time between Bonds Issue Date and Purchase | Useful Life of Asset from Bond Issue Date | Expenditure Amount | Allocation of Related Professional Fees | Total Costs (Incl. Related Fees) | % of Total Cost       | Average Useful Life of Assets (in years) |
| School Buildings   | 40                                      | 0  | 40  | 15,369,582         | 3,399,843                               | 18,769,425                       | 34.61%                | 13.84                                    |
| Building Improvements                                      | 30                                      | 0  | 30  | 20,506,047         | 3,438,876                               | 23,944,923                       | 44.15%                | 13.24                                    |
| Roofing  | 20                                      | 0  | 20  | 2,396,838          | 470,149                                 | 2,866,987                        | 5.29%                 | 1.06                                     |
| Flooring   | 10                                      | 0  | 10  | 2,722,483          | 396,970                                 | 3,119,453                        | 5.75%                 | 0.58                                     |
| Furnishing/ Equipment                                      | 10                                      | 0  | 10  | 2,916,917          | 501,023                                 | 3,417,940                        | 6.30%                 | 0.63                                     |
| Technology Infrastructure                                  | 10                                      | 0  | 10  | 0                  |   | 0                                | 0.00%                 | 0.00                                     |
| Technology (instr/non-instr)                               | 5                                       | 0  | 5   | 2,117,215          |   | 2,117,215                        | 3.90%                 | 0.20                                     |
| Buses  | 6                                       | 0  | 6   | 0                  |   | 0                                | 0.00%                 | 0.00                                     |
| Total for purposes of determining weighted avg useful life |   |  |   | 46,029,082         | 8,206,862                               | 54,235,944                       | 100.00%               | 29.55                                    |

120% of average useful life of assets → 35.45



June 12, 2024

Carol Densmore  
Department Analyst School Bond and Loan  
Program Michigan Department of Treasury  
430 W. Allegan Street  
Lansing, MI 48922

Re: Crestwood School District  
New Cost Exceeding Square Foot

Dear Carol,

The costs for new construction & alterations proposed in the June 6, 2024, Crestwood Schools District Bond Program, exceed the allowed parameters. At Hillcrest, Highview, Kinloch elementary schools and ECC Cherry Hill, the planned new construction has multiple classrooms, cafeteria & kitchen additions to the existing buildings. Also included in these additions are office areas, multiple restrooms, additional parking, playground & extensive site modifications. At Riverside Middle School the planned new construction is a new cafeteria, science & STEM additions along with interior modifications to the existing building including roofing, mechanical and electrical. The High School is a project, unique in that we will require multiple staging phases that do not fit the normal parameters for school construction, this is the result of the school being fully occupied. The recent cost escalation is considered for the features planned that are like other school buildings recently bid.

The estimating process we utilize incorporates an analysis of actual costs for similar projects. Our calculations include considerations for the type of construction and its usage. The estimated costs are determined based on features and total square footage. Our approach and estimated cost per square foot is based on the estimator's experience and professional judgement, including understanding the proposed building systems as described by the school district and their architect.

Material prices and labor shortages have both increased dramatically in each building trade category since the COVID pandemic, it may take additional time for the market to stabilize and become more predictable. This is the driving escalation to 3 – 5% when we are budgeting for the projects through 2030. There are no set formulas in developing the building budget; each estimator would have a different approach.

We hope this provides clarity, and we are available if there are further questions.

Sincerely,

Deib Mougrabi  
Director of Field Operations  
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