

Jamestown CSD

CAPITAL PROJECT PLANNING



HIGH SCHOOL

INTERIOR RENOVATIONS

HIGH SCHOOL 3

Essential Upgrades at **Old Gym** – Bleachers, Floors, Scoreboards, Etc.



Essential Upgrades at **Auditorium** – Ceiling, Sound Panels, Stage Floor



| Scope Description | Sum of Cost Replace |
|-----------------------------------|----------------------|
| 2021 Capital Project | \$ 41,712,000 |
| Building Envelope | \$ 7,880,000 |
| Roofs | \$ 3,869,000 |
| Windows (1935) | \$ 4,011,000 |
| Electrical Systems | \$ 5,590,000 |
| Fire Alarm | \$ 1,247,000 |
| I.T. - Clocks | \$ 104,000 |
| I.T. - Data Wiring | \$ 2,315,000 |
| I.T. - Generator | \$ 417,000 |
| I.T. - IS Office Renovation | \$ 588,000 |
| I.T. - PA | \$ 520,000 |
| I.T. - UPS | \$ 150,000 |
| I.T. - WAN | \$ 249,000 |
| Interior Renovations | \$ 20,210,000 |
| Auditorium Essential Upgrades (| \$ 500,000 |
| Basement & 2nd Floor Classrm, | \$ 14,771,000 |
| Cafeteria & Kitchen Renovation | \$ 3,873,000 |
| Create Secure Vestibule @ Mair | \$ 167,000 |
| Old Gym Essential Upgrades (Bl | \$ 799,000 |
| Structural Repair - Joist Below F | \$ 100,000 |
| Mechanical Systems | \$ 4,907,000 |
| Energy Recovery Unit | \$ 124,000 |
| Exhaust Fans | \$ 99,000 |
| HVAC - IT | \$ 252,000 |
| HVAC Cafeteria | \$ 347,000 |
| HVAC Classroom | \$ 4,043,000 |
| Pool Systems | \$ 42,000 |
| Plumbing Systems | \$ 754,000 |
| Backflow Prevention | \$ 121,000 |
| Fire Department Connections | \$ 16,000 |
| Pool Systems | \$ 327,000 |
| Water Fountains | \$ 290,000 |
| Site | \$ 2,371,000 |
| Parking Lots & Roadways | \$ 1,508,000 |
| Retaining Wall - Allowance | \$ 517,000 |
| Sidewalks | \$ 346,000 |
| Grand Total | \$ 41,712,000 |

MODERNIZATION

Basement & 2nd Floor Classrooms

How:

-Demolish existing classroom partition walls and build new partitions with fewer larger classrooms

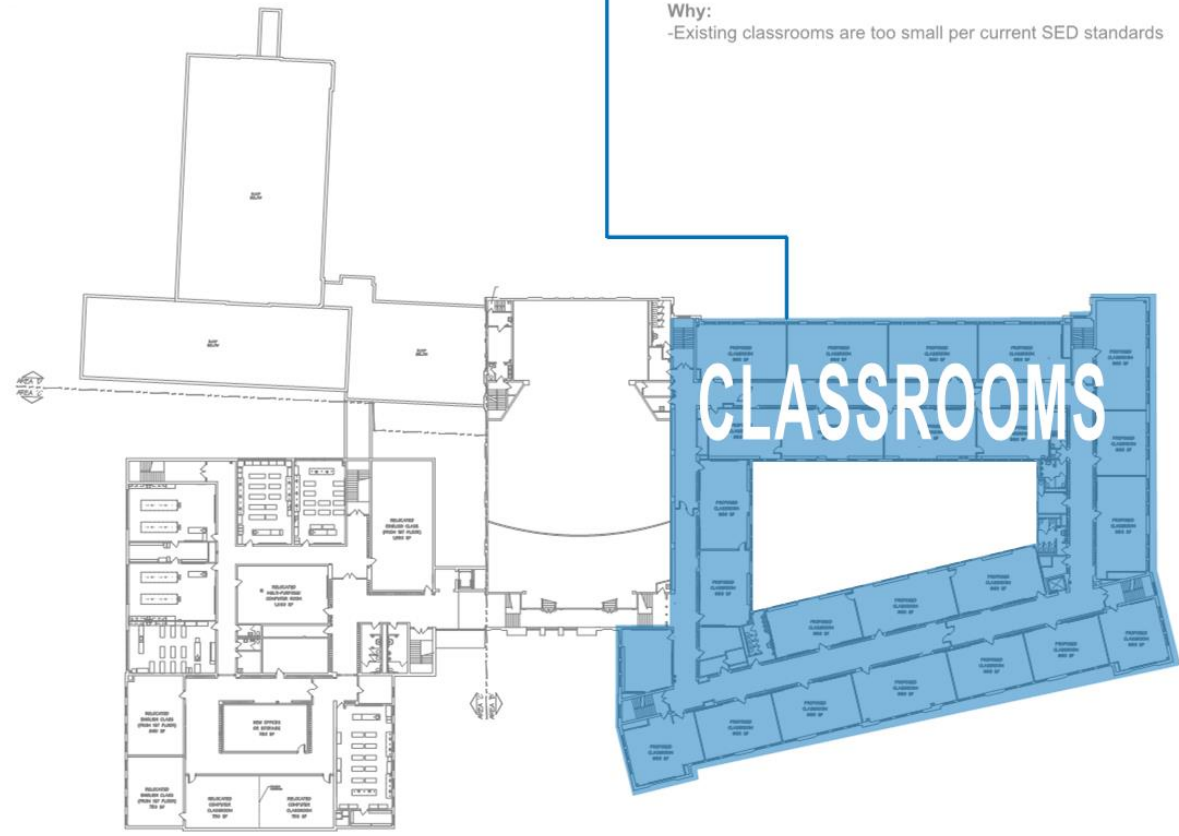
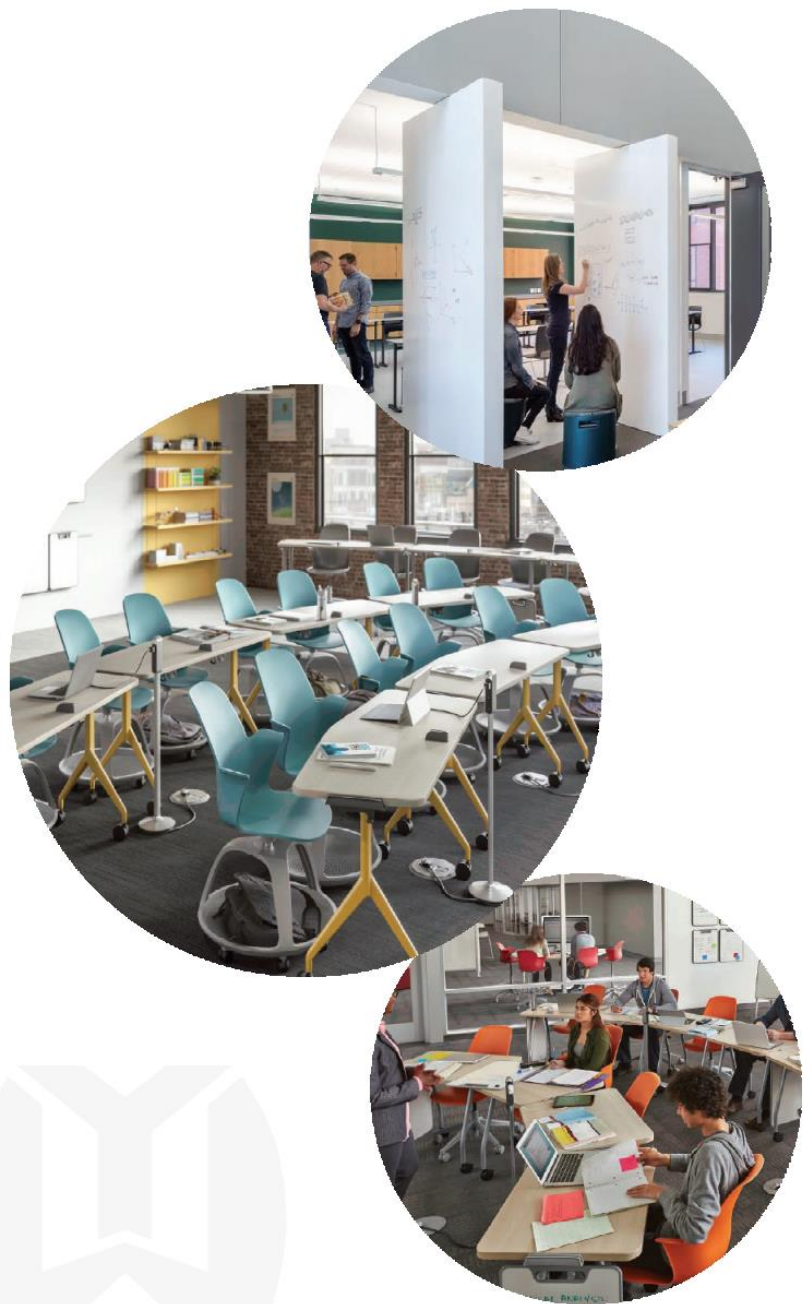
2nd and 3rd Floor Existing Classrooms: 65

2nd and 3rd Floor Proposed Classrooms: 48

-Provide new furniture which allows flexible arrangements
-Modernize corridors and relationship to classrooms

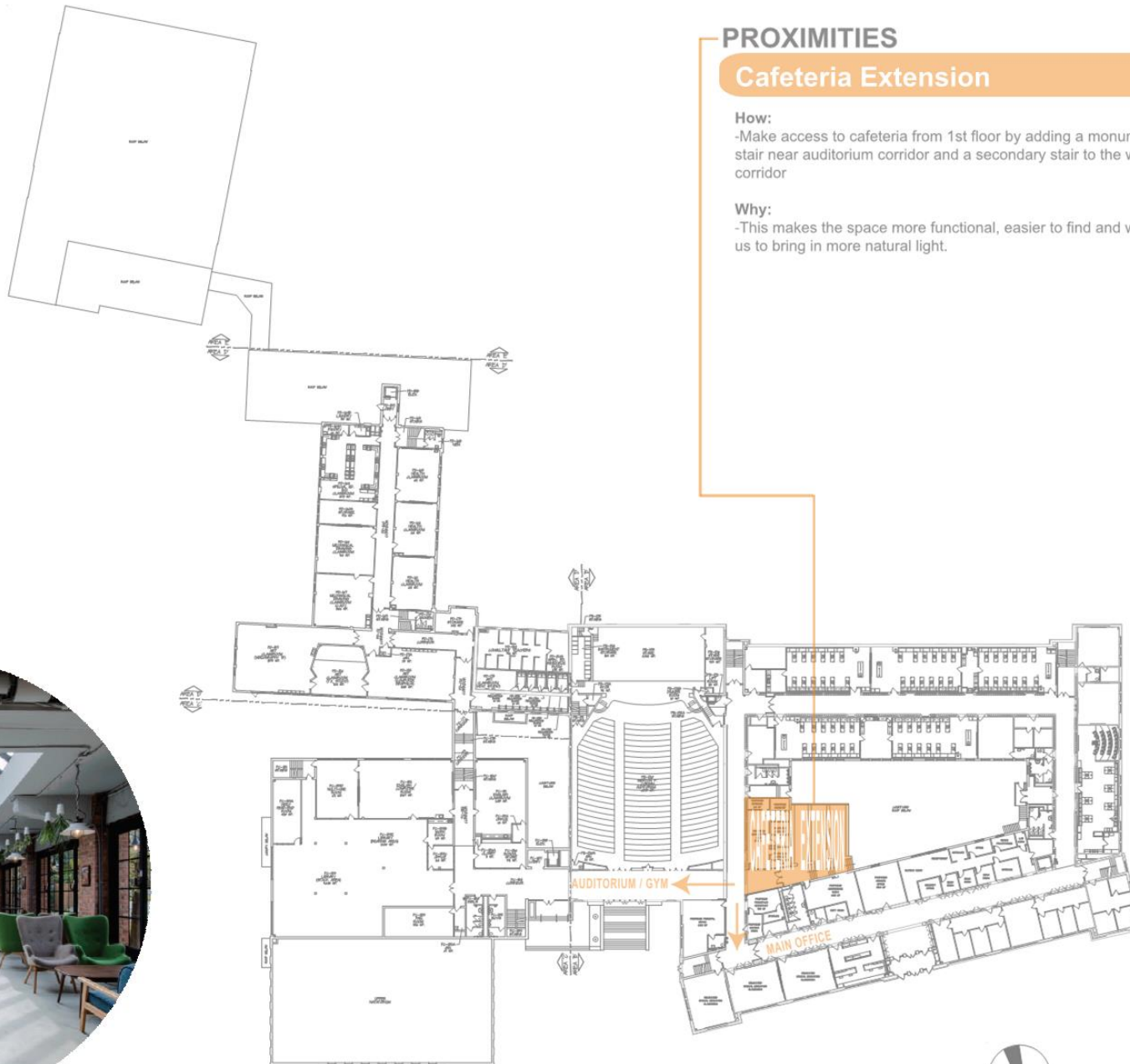
Why:

-Existing classrooms are too small per current SED standards



SECOND FLOOR





PROXIMITIES

Cafeteria Extension

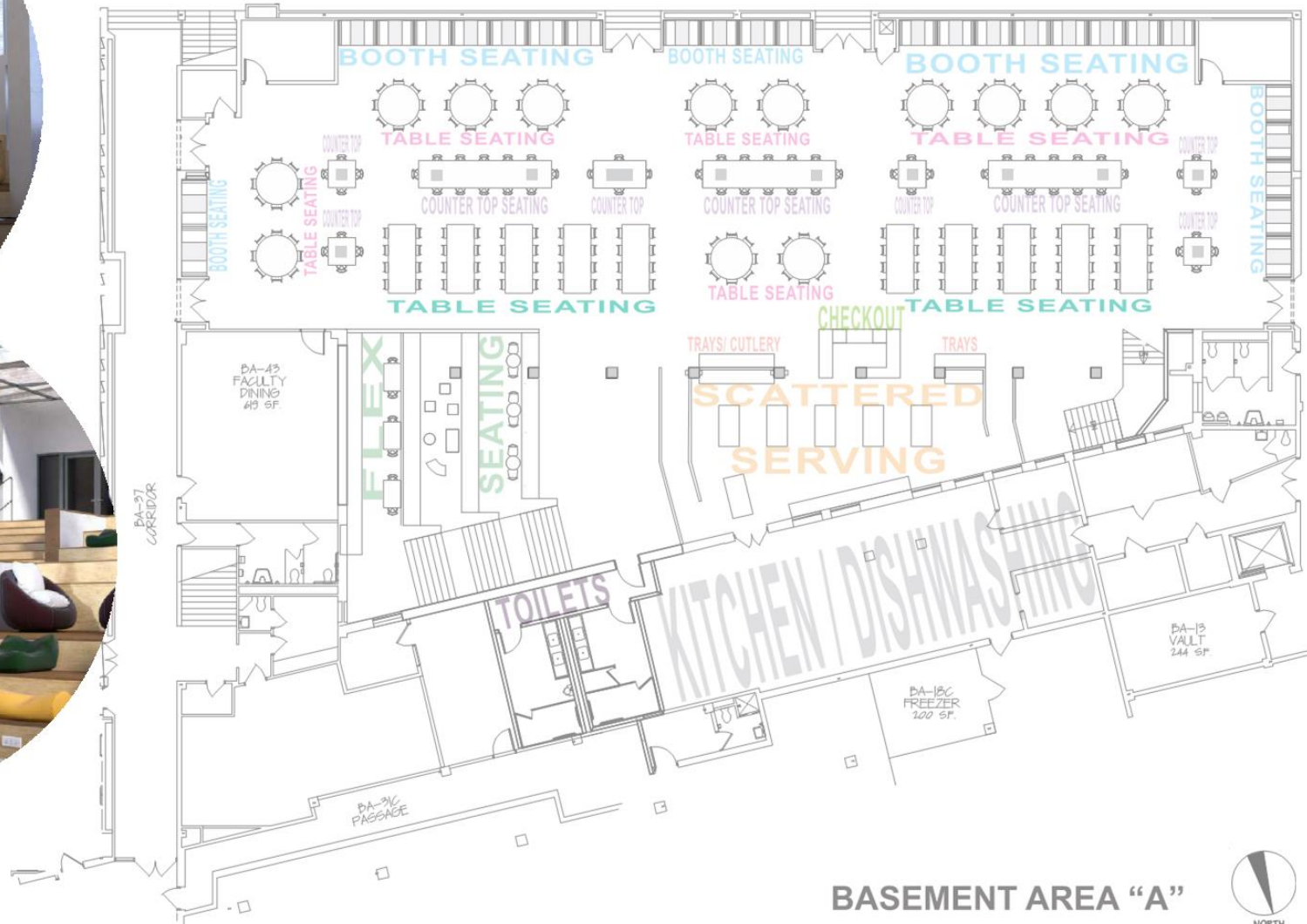
How:
-Make access to cafeteria from 1st floor by adding a monumental stair near auditorium corridor and a secondary stair to the west corridor

Why:
-This makes the space more functional, easier to find and will allow us to bring in more natural light.

FIRST FLOOR



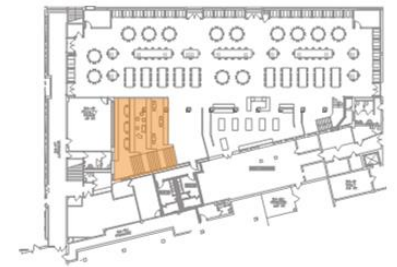
Cafeteria



BASEMENT AREA "A"



Cafeteria Extension



Safe, Accessible **Parking Lots & Sidewalks** Maximize # of Parking Spots



Stabilize Retaining Wall



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BUILDING ENVELOPE

HIGH SCHOOL 9

Replace Out of Warranty **Roofs** – 25 Years Old



Replace Leaky, Difficult to Open, **Windows** – 35+ Years Old



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Replace Failing
Clocks



Provide 21st Century
Classroom IT



Replace Old **Generator** to
Power Building Systems



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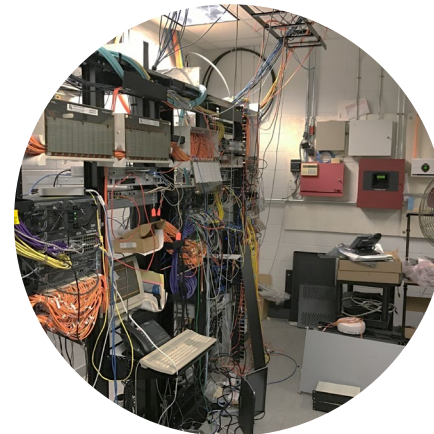
Provide Code Compliant
Fire Alarm System



Building Wide
PA System



Faster & More
Reliable **Data Wiring**



MECHANICAL SYSTEMS

HIGH SCHOOL 11

Improve **Classroom & Corridor Ventilation**



Replace **Outdated** Roof Top Systems



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Replace Original,
70 Year Old Plumbing



Replace **Failing**
Pool Systems



Provide Bottle Filler
Drinking Fountains



Replace Failing
Pool Piping



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**PERSELL
MIDDLE SCHOOL**

INTERIOR RENOVATIONS



Gym & Locker Room Renovation



Renovate Music Rooms



Staff & Student Bathroom Renovations

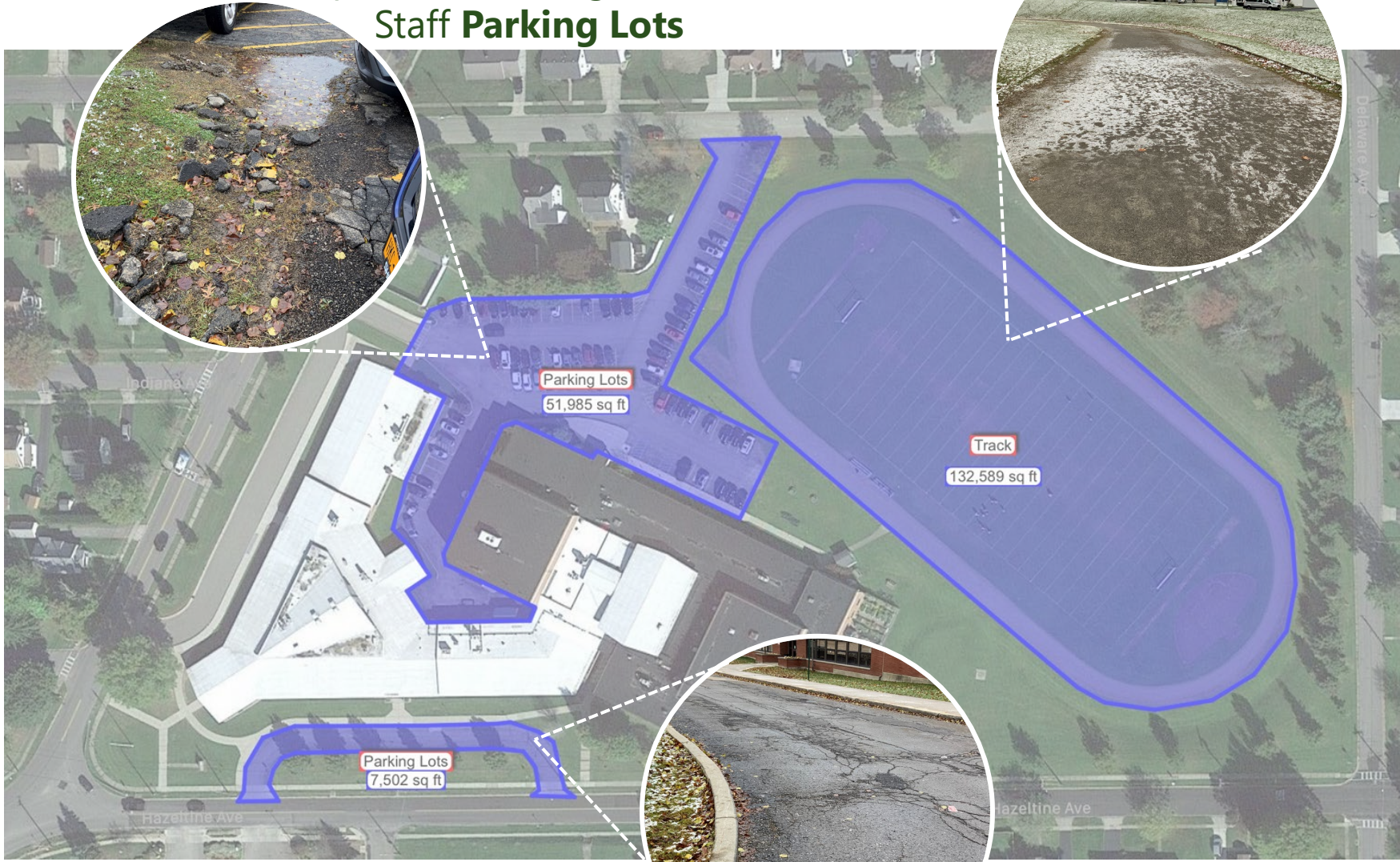
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|-------------------------------|----------------------|
| 2021 Capital Project | \$ 12,151,000 |
| Building Envelope | \$ 3,840,000 |
| + Roof | \$ 2,593,000 |
| + Windows | \$ 1,247,000 |
| Electrical Systems | \$ 764,000 |
| + Auditorium Lighting | \$ 178,000 |
| + Auditorium Sound | \$ 223,000 |
| + Building Mounted Lighting | \$ 20,000 |
| + Exit Lighting | \$ 167,000 |
| + I.T. - PA | \$ 167,000 |
| + Parking Lot LED Lighting | \$ 9,000 |
| Interior Renovations | \$ 2,533,000 |
| + Gym | \$ 388,000 |
| + Locker Rooms | \$ 632,000 |
| + Restrooms | \$ 711,000 |
| + Music Rooms | \$ 802,000 |
| Mechanical Systems | \$ 4,113,000 |
| + Air Cooled Condensing Units | \$ 178,000 |
| + Air Handling Units | \$ 848,000 |
| + Dust Collector | \$ 297,000 |
| + Exhaust Fans | \$ 39,000 |
| + Exhaust Kitchen | \$ 111,000 |
| + Hoods for Gas Ranges | \$ 165,000 |
| + Provide Ventilation | \$ 30,000 |
| + Pumps | \$ 30,000 |
| + Radiant Floor Heating | \$ 1,545,000 |
| + Relief Hoods | \$ 16,000 |
| + Roof Top Units | \$ 97,000 |
| + Unit Ventilators | \$ 757,000 |
| Plumbing Systems | \$ 237,000 |
| + Replace Galvanized Piping | \$ 185,000 |
| + Water Heater | \$ 15,000 |
| + Water Service | \$ 37,000 |
| Site | \$ 664,000 |
| + Flagpole | \$ 5,000 |
| + Parking Lots | \$ 436,000 |
| + Cinder Track | \$ 223,000 |
| Grand Total | \$ 12,151,000 |

SITE WORK

Replace Crumbling Parent & Staff **Parking Lots**

Repair Track

PERSELL MS



Replace Cracked Drop Off Loop

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| + Cinder Track | \$ 223,000 |
| Grand Total | \$ 12,151,000 |

BUILDING ENVELOPE

Replace Leaky, Difficult to Open, **Windows**
35+ Years Old



Replace Out of Warranty **Roofs** – 22 Years Old

PERSELL MS

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Auditorium Lighting & Sound Upgrades



Replace Classroom Heating & Ventilation



Emergency Exit Lighting Replacement



Replace Roof Top Ventilation Units



Old Plumbing & Storm Water Upgrades



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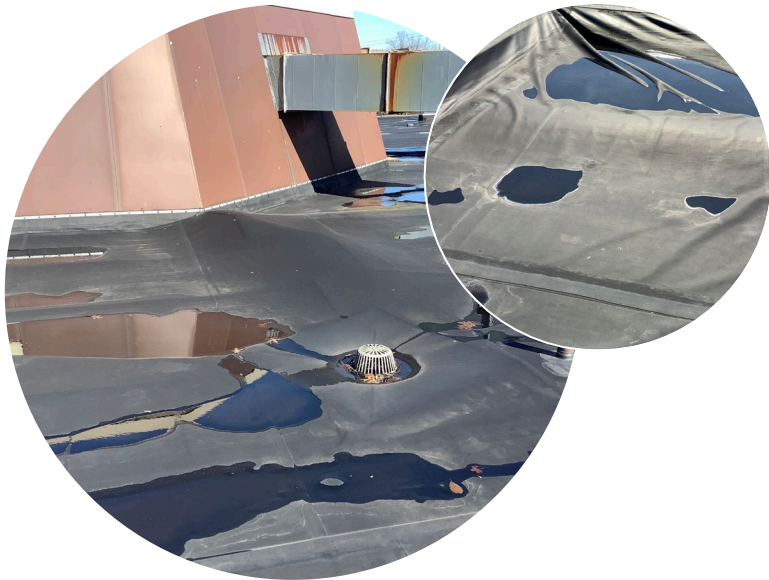
FLETCHER ELEMENTARY

BUILDING ENVELOPE & SITE WORK

Historic Masonry Preservation



Replace Out of Warranty Roofs – 20+ Years Old



Provide Safe Sidewalks

| Scope Description | Sum of Cost Replac |
|---------------------------------|----------------------|
| 2021 Capital Project | \$ 11,299,000 |
| Building Envelope | \$ 1,100,000 |
| + Masonry Rebuilding | \$ 53,000 |
| + Masonry Repointing | \$ 22,000 |
| + Roof | \$ 1,025,000 |
| Building Structure | \$ 74,000 |
| + Cafeteria Water Issue | \$ 74,000 |
| Electrical Systems | \$ 430,000 |
| + I.T. - Generator | \$ 245,000 |
| + I.T. - PA | \$ 185,000 |
| Interior Renovations | \$ 297,000 |
| + Crawlspace Remediation | \$ 297,000 |
| Mechanical Systems | \$ 5,707,000 |
| + Add Cooling | \$ 1,486,000 |
| + Air Handling Unit | \$ 111,000 |
| + Boilers | \$ 1,759,000 |
| + Cabinet Heaters | \$ 37,000 |
| + Exhaust Fans | \$ 45,000 |
| + Provide Ventilation | \$ 90,000 |
| + Relief Fans | \$ 245,000 |
| + Roof Top Units | \$ 415,000 |
| + Rooftop Ductwork | \$ 51,000 |
| + Unit Ventilators | \$ 1,468,000 |
| Plumbing Systems | \$ 3,600,000 |
| + Asbestos Piping Replacement | \$ 372,000 |
| + Cast Iron Pipe Replacement | \$ 1,410,000 |
| + Drinking Fountains | \$ 119,000 |
| + Galvanized Piping Replacement | \$ 1,188,000 |
| + Hot Water Heater | \$ 126,000 |
| + Plumbing Valve Replacements | \$ 372,000 |
| + Sump Pump | \$ 13,000 |
| Site | \$ 91,000 |
| + Sidewalks | \$ 91,000 |
| Grand Total | \$ 11,299,000 |

BUILDING SYSTEMS

Add Cooling to 1936 Wing



Replace 1930's Original Piping



Replace End of Life **Boilers**



Provide **Drinking Fountains** with Bottle Fillers

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CC RING ELEMENTARY

BUILDING ENVELOPE & SITE WORK



Provide **Safe Sidewalks**



Energy Efficient Windows & Repair Exterior Walls

Secure **Exterior Doors**



| Scope Description | Sum of Cost Replace |
|--|---------------------|
| 2021 Capital Project | \$ 6,860,000 |
| Building Envelope | \$ 1,488,000 |
| EIFS Replacement | \$ 562,000 |
| Exterior Doors | \$ 181,000 |
| Masonry | \$ 17,000 |
| Windows | \$ 728,000 |
| Building Interior | \$ 1,294,000 |
| Fire Rated Glazing | \$ 575,000 |
| Interior Stairs - Treads/Risers/Rail | \$ 67,000 |
| VAT Flooring - Classrooms 3-8, 10, | \$ 652,000 |
| Electrical Systems | \$ 1,283,000 |
| Auditorium Lighting (Could be Prio | \$ 223,000 |
| Auditorium Sound | \$ 119,000 |
| Fire Alarm | \$ 557,000 |
| I.T. - Generator | \$ 245,000 |
| I.T. - PA | \$ 139,000 |
| Interior Renovations | \$ 1,741,000 |
| Auditorium - Seats & Flooring | \$ 182,000 |
| Auditorium - Stage Rigging | \$ 360,000 |
| Cafeteria - Expand & Renovate Exi | \$ 552,000 |
| Replace Classroom Coat Closets | \$ 647,000 |
| Mechanical Systems | \$ 120,000 |
| Data Room Cooling | \$ 30,000 |
| Provide Ventilation | \$ 90,000 |
| Plumbing Systems | \$ 785,000 |
| Drinking Fountains | \$ 48,000 |
| Galvanized Piping Replacement | \$ 609,000 |
| Sediment Interceptor | \$ 4,000 |
| Sump Pump | \$ 13,000 |
| Valve Replacements | \$ 111,000 |
| Site | \$ 149,000 |
| Sidewalks (Perimeter & Back of Bu | \$ 149,000 |
| Grand Total | \$ 6,860,000 |

INTERIOR RENOVATIONS



Modernize Classrooms:
Flooring & Coat Closets



Auditorium Seating,
Flooring & Rigging



Replace Stair
Railings for
Student Safety



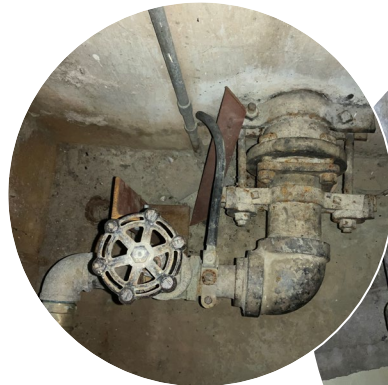
Cafeteria
Expansion

| Scope Description | Sum of Cost Replace |
|--------------------------------------|---------------------|
| 2021 Capital Project | \$ 6,860,000 |
| Building Envelope | \$ 1,488,000 |
| EIFS Replacement (Could be Priorit | \$ 562,000 |
| Exterior Doors | \$ 181,000 |
| Masonry | \$ 17,000 |
| Windows | \$ 728,000 |
| Building Interior | \$ 1,294,000 |
| Fire Rated Glazing | \$ 575,000 |
| Interior Stairs - Treads/Risers/Rail | \$ 67,000 |
| VAT Flooring - Classrooms 3-8, 10, | \$ 652,000 |
| Electrical Systems | \$ 1,283,000 |
| Auditorium Lighting (Could be Prio | \$ 223,000 |
| Auditorium Sound | \$ 119,000 |
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| I.T. - Generator | \$ 245,000 |
| I.T. - PA | \$ 139,000 |
| Interior Renovations | \$ 1,741,000 |
| Auditorium - Seats & Flooring | \$ 182,000 |
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| Galvanized Piping Replacement | \$ 609,000 |
| Sediment Interceptor | \$ 4,000 |
| Sump Pump | \$ 13,000 |
| Valve Replacements | \$ 111,000 |
| Site | \$ 149,000 |
| Sidewalks (Perimeter & Back of Bu | \$ 149,000 |
| Grand Total | \$ 6,860,000 |



Provide **Auditorium**
Lighting & Sound

Provide **Drinking**
Fountains with
Bottle Fillers



Replace **1950's**
Original **Piping**



Provide Code
Compliant
Fire Alarm
System



| Scope Description | Sum of Cost Replace |
|--------------------------------------|---------------------|
| 2021 Capital Project | \$ 6,860,000 |
| Building Envelope | \$ 1,488,000 |
| EIFS Replacement (Could be Priorit | \$ 562,000 |
| Exterior Doors | \$ 181,000 |
| Masonry | \$ 17,000 |
| Windows | \$ 728,000 |
| Building Interior | \$ 1,294,000 |
| Fire Rated Glazing | \$ 575,000 |
| Interior Stairs - Treads/Risers/Rail | \$ 67,000 |
| VAT Flooring - Classrooms 3-8, 10, | \$ 652,000 |
| Electrical Systems | \$ 1,283,000 |
| Auditorium Lighting | \$ 223,000 |
| Auditorium Sound | \$ 119,000 |
| Fire Alarm | \$ 557,000 |
| I.T. - Generator | \$ 245,000 |
| I.T. - PA | \$ 139,000 |
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| Auditorium - Seats & Flooring | \$ 182,000 |
| Auditorium - Stage Rigging | \$ 360,000 |
| Cafeteria - Expand & Renovate Exi: | \$ 552,000 |
| Replace Classroom Coat Closets | \$ 647,000 |
| Mechanical Systems | \$ 120,000 |
| Data Room Cooling | \$ 30,000 |
| Provide Ventilation | \$ 90,000 |
| Plumbing Systems | \$ 785,000 |
| Drinking Fountains | \$ 48,000 |
| Galvanized Piping Replacement | \$ 609,000 |
| Sediment Interceptor | \$ 4,000 |
| Sump Pump | \$ 13,000 |
| Valve Replacements | \$ 111,000 |
| Site | \$ 149,000 |
| Sidewalks (Perimeter & Back of Bu | \$ 149,000 |
| Grand Total | \$ 6,860,000 |

TECHNICAL ACADEMY

INTERIOR RENOVATIONS & SITE WORK

Sink Replacements



Modernize Classrooms



Stair, Parking Lot & Sidewalk **Safe Paths**

| Scope Description | Sum of Cost Replac |
|---------------------------------|---------------------|
| 2021 Capital Project | \$ 3,561,000 |
| Building Envelope | \$ 870,000 |
| Exterior Doors | \$ 42,000 |
| Masonry | \$ 289,000 |
| Secure Entry | \$ 133,000 |
| Windows | \$ 406,000 |
| Building Structure | \$ 34,000 |
| Foundation Repair | \$ 4,000 |
| Structural Floors | \$ 30,000 |
| Electrical Systems | \$ 550,000 |
| Exterior Building Lighting | \$ 6,000 |
| Fire Alarm | \$ 133,000 |
| I.T. - Generator | \$ 245,000 |
| I.T. - PA | \$ 33,000 |
| Interior Lighting Replacement | \$ 133,000 |
| Interior Renovations | \$ 763,000 |
| General Classrooms - Renovate S | \$ 741,000 |
| Plumbing Fixtures | \$ 22,000 |
| Mechanical Systems | \$ 1,172,000 |
| Air Handling Unit | \$ 97,000 |
| Chiller | \$ 223,000 |
| Data Room Cooling | \$ 34,000 |
| Dust Collector | \$ 111,000 |
| Exhaust Fans | \$ 67,000 |
| Fan Coil Units | \$ 505,000 |
| Hot Water Pumps | \$ 45,000 |
| Unit Ventilators | \$ 90,000 |
| Plumbing Systems | \$ 29,000 |
| Drinking Fountains | \$ 12,000 |
| Gas Service Meter & Regulator | \$ 15,000 |
| Plumbing Fixtures | \$ 2,000 |
| Site | \$ 143,000 |
| Exterior Stairs | \$ 25,000 |
| Parking Lots | \$ 37,000 |
| Sidewalks | \$ 81,000 |
| Grand Total | \$ 3,561,000 |

BUILDING ENVELOPE & STRUCTURAL



Provide
Secure Entry



Repair **Structural** Cracks



Original Brick Repair,
Exterior **Door** &
Window Replacement

| Scope Description | Sum of Cost Replac |
|----------------------------------|--------------------|
| 2021 Capital Project | \$ 3,561,000 |
| Building Envelope | \$ 870,000 |
| Exterior Doors | \$ 42,000 |
| Masonry | \$ 289,000 |
| Secure Entry | \$ 133,000 |
| Windows | \$ 406,000 |
| Building Structure | \$ 34,000 |
| Foundation Repair | \$ 4,000 |
| Structural Floors | \$ 30,000 |
| Electrical Systems | \$ 550,000 |
| Exterior Building Lighting | \$ 6,000 |
| Fire Alarm | \$ 133,000 |
| I.T. - Generator | \$ 245,000 |
| I.T. - PA | \$ 33,000 |
| Interior Lighting Replacement | \$ 133,000 |
| Interior Renovations | \$ 763,000 |
| General Classrooms - Renovate 51 | \$ 741,000 |
| Plumbing Fixtures | \$ 22,000 |
| Mechanical Systems | \$ 1,172,000 |
| Air Handling Unit | \$ 97,000 |
| Chiller | \$ 223,000 |
| Data Room Cooling | \$ 34,000 |
| Dust Collector | \$ 111,000 |
| Exhaust Fans | \$ 67,000 |
| Fan Coil Units | \$ 505,000 |
| Hot Water Pumps | \$ 45,000 |
| Unit Ventilators | \$ 90,000 |
| Plumbing Systems | \$ 29,000 |
| Drinking Fountains | \$ 12,000 |
| Gas Service Meter & Regulator | \$ 15,000 |
| Plumbing Fixtures | \$ 2,000 |
| Site | \$ 143,000 |
| Exterior Stairs | \$ 25,000 |
| Parking Lots | \$ 37,000 |
| Sidewalks | \$ 81,000 |
| Grand Total | \$ 3,561,000 |

BUILDING SYSTEMS

TECH ACADEMY²⁸



Provide Code Compliant **Fire Alarm System**



Replace **Classroom Heating & Ventilation**



Provide **Drinking Fountains** with **Bottle Fillers**

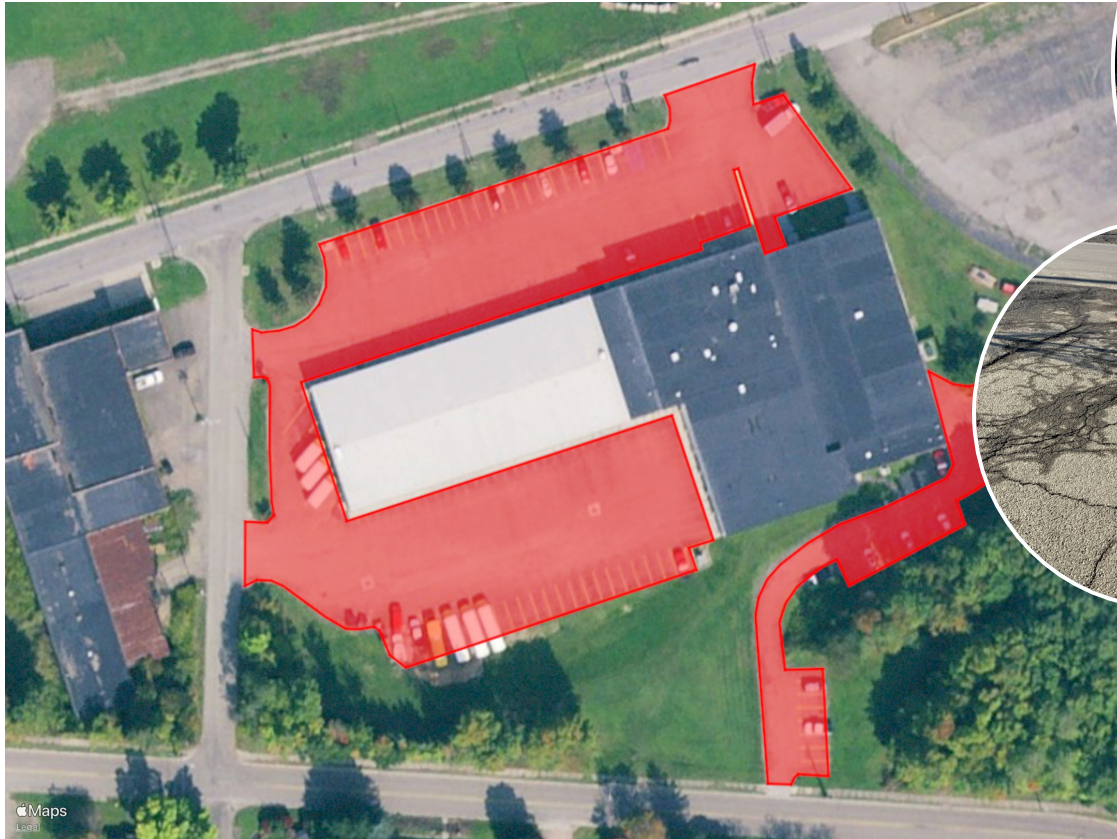


Add **Dust Collector System**



| Scope Description | Sum of Cost Replac |
|----------------------------------|---------------------|
| 2021 Capital Project | \$ 3,561,000 |
| Building Envelope | \$ 870,000 |
| Exterior Doors | \$ 42,000 |
| Masonry | \$ 289,000 |
| Secure Entry | \$ 133,000 |
| Windows | \$ 406,000 |
| Building Structure | \$ 34,000 |
| Foundation Repair | \$ 4,000 |
| Structural Floors | \$ 30,000 |
| Electrical Systems | \$ 550,000 |
| Exterior Building Lighting | \$ 6,000 |
| Fire Alarm | \$ 133,000 |
| I.T. - Generator | \$ 245,000 |
| I.T. - PA | \$ 33,000 |
| Interior Lighting Replacement | \$ 133,000 |
| Interior Renovations | \$ 763,000 |
| General Classrooms - Renovate 51 | \$ 741,000 |
| Plumbing Fixtures | \$ 22,000 |
| Mechanical Systems | \$ 1,172,000 |
| Air Handling Unit | \$ 97,000 |
| Chiller | \$ 223,000 |
| Data Room Cooling | \$ 34,000 |
| Dust Collector | \$ 111,000 |
| Exhaust Fans | \$ 67,000 |
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| Unit Ventilators | \$ 90,000 |
| Plumbing Systems | \$ 29,000 |
| Drinking Fountains | \$ 12,000 |
| Gas Service Meter & Regulator | \$ 15,000 |
| Plumbing Fixtures | \$ 2,000 |
| Site | \$ 143,000 |
| Exterior Stairs | \$ 25,000 |
| Parking Lots | \$ 37,000 |
| Sidewalks | \$ 81,000 |
| Grand Total | \$ 3,561,000 |

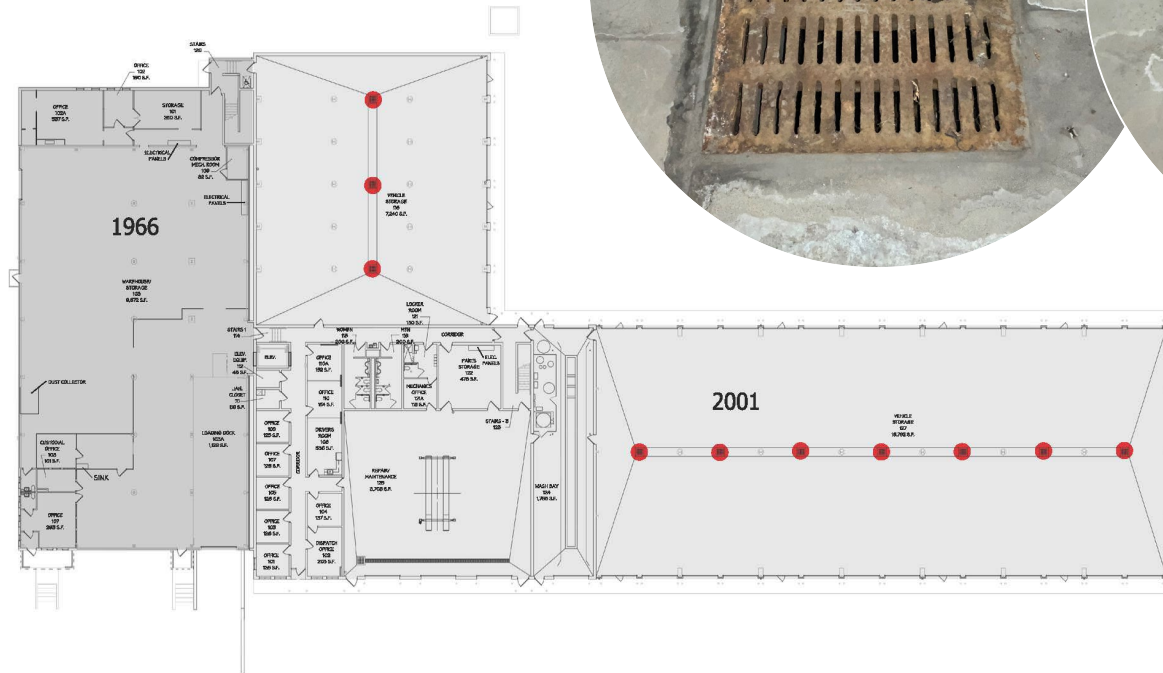
BUS GARAGE



| Scope Description | Sum of Cost Replac |
|---------------------------------------|--------------------|
| 2021 Capital Project | \$ 1,344,000 |
| Electrical Systems | \$ 74,000 |
| I.T. - Generator | \$ 74,000 |
| Fire Suppression | \$ 22,000 |
| Fire Department Connection | \$ 22,000 |
| Plumbing Systems | \$ 312,000 |
| Interior Bus Bay Drainage System & F | \$ 312,000 |
| Site | \$ 936,000 |
| Catch Basin Replacement | \$ 201,000 |
| Parking Lots & Roadways | \$ 622,000 |
| Parking Lots & Roadways - Retaining ' | \$ 6,000 |
| Sidewalks - Bollards Around Bldg | \$ 13,000 |
| Sidewalks - Concrete Apron Around B | \$ 94,000 |
| Grand Total | \$ 1,344,000 |

Replace Parking Lots, Roadways, Site Drainage

Replace Interior Floor Drainage System



| Scope Description | Sum of Cost Replac |
|--------------------------------------|---------------------|
| 2021 Capital Project | \$ 1,344,000 |
| Electrical Systems | \$ 74,000 |
| I.T. - Generator | \$ 74,000 |
| Fire Suppression | \$ 22,000 |
| Fire Department Connection | \$ 22,000 |
| Plumbing Systems | \$ 312,000 |
| Interior Bus Bay Drainage System & F | \$ 312,000 |
| Site | \$ 936,000 |
| Catch Basin Replacement | \$ 201,000 |
| Parking Lots & Roadways | \$ 622,000 |
| Parking Lots & Roadways - Retaining' | \$ 6,000 |
| Sidewalks - Bollards Around Bldg | \$ 13,000 |
| Sidewalks - Concrete Apron Around B | \$ 94,000 |
| Grand Total | \$ 1,344,000 |



Provide Code Compliant Fire Department Connections

DISTRICT WIDE I.T.

All Buildings

- Interior & Exterior Cameras
- Wiring & Data Closets
- Uninterrupted Power Supply (UPS)
- Wide Area Network (WAN)
 - If HS goes down, all other buildings can stay online

LINCOLN ELEMENTARY

INTERIOR WORK

LINCOLN ELEM. ³⁴



| Row Labels | Sum of Cost Replace |
|-------------------------------|---------------------|
| 2021 Capital Project | \$ 2,582,000 |
| Building Interior | \$ 2,582,000 |
| + Flooring | \$ 1,096,000 |
| + Flooring Subfloor Allowance | \$ 1,486,000 |
| Grand Total | \$ 2,582,000 |

Replace Flooring and Subflooring