

### **JONESVILLE COMMUNITY SCHOOLS FACILITIES ASSESSMENT**

November 21, 2022







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Erik Weatherwax | Superintendent of Schools Jonesville Community Schools 15 East St. Jonesville, MI 49250

Dear Erik,

As a Southwest Michigan based provider of construction services, our company is built EXACTLY for your needs. The team at ELITE COMPANIES appreciates the opportunity to partner with Jonesville Community Schools on all your bond project and facility needs.

We will deliver your project(s) with our patented **ELITE SERVICES** approach:

**E** fficient Processes

L ean Project Management

I nnovative Solutions

**T** ransparent Partnerships

**E** ffective Results

We certainly understand the unique challenges that come with your projects. Using our extensive industry experience working in the K-12 education market, we will provide you with equally unique solutions. Our reputation is built on an integrity-based, team approach and produces consistent results of positive outcomes for the districts we serve. We will manage and mitigate your risk throughout the project durations and will remain by your side well after the projects are complete.

Sincerely,

Jim Feltch | President & CEO ELITE COMPANIES

Dr. Rusty Stitt | Client Advocate Executive ELITE COMPANIES





#### BUILDING CONSTRUCTION CONFIDENCE

intent is district's vision by being an extension of your district's mission, bringing a comprehensible construction management approach to our clients. Our construction phase services focus on executing the well-laid plan developed during preconstruction. We track progress to adjust as needed, and effectively communicate throughout the entire process to make good on our commitments for budget, schedule, quality, and safety.

As a Southwest Michigan firm specializing in K-12 education, our team has a long-standing relationship with the districts throughout the region. Our entire firm is comprised of teammates from the area attending local schools and now constructing local projects while consistently participating in the community. With ongoing experience in the K-12 market, we have close ties with all local municipalities, state and local inspectors, development authorities, and have a very strong contractor trade network.

We are committed to always providing a complete scope of work at a very competitive cost point. This is a value differentiation within our K-12 education market segment as project budgets must be efficiently planned and effectively executed. Within the K-12 industry, stretching a budget to achieve a high-level scope of work is a consistent challenge and our relationships and knowledge of the K-12 market continues to create increased value in all districts we partner with.

ELITE is made up of several industry leading construction experts with 100+ years of experience. ELITE is a growing firm that reinforces construction confidence that will enhance and compliment the communities in which we live, work, and grow.

Our regional past and current client list includes Battle Creek Public Schools, Harper Creek Community Schools, Marshall Public Schools, Lakeview School District, and more.

Efficient Process
Lean Project Management
Innovative Solutions
Transparent Partnerships
Effective Results

# IGNYTE

SPARKING SOLUTIONS. TOGETHER.





IGNYTE is focused on the design of high-quality, innovative electrical and mechanical solutions for facilities. Our years of expertise are demonstrated through our transparent approach to working with clients. Our team of Professional Engineers ensures we provide better solutions with proactive communication and engaging relationships.

We are passionate about the work we do and how we collaborate with clients to develop long-term partnerships. We want to be different than other firms that try to do it all. We've established a different type of design firm and want to deliver a different type of experience for our customers. We put fun and passion into everything we do.

#### **OUR FOCUSED SERVICES**

IGNYTE specializes in mechanical, electrical, and plumbing engineering for clients, architects, and contractors with a focus on quality relationships and construction documents. In addition, we provide owner's representation as well as capital infrastructure planning, feasibility studies, energy analysis, arc flash coordination, indoor air quality evaluations, and BIM coordination.

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JIM FELTCH
PRESIDENT I CEO
ELITE COMPANIES





TAIMOOR KHAN
DIR. PRECONSTRUCTION



MARK RIMES
PROJECT DIRECTOR/AE CONSULTANT



RUSTY STITT
CLIENT ADVOCATE EXECUTIVE





JONAHTAN RUMOHR, PE PRINCIPAL I MECHANICAL ENGINEER



**LISA RUTHRUFF**PROJECT ENGINEER



HITECTURE AND ENGINEERING





# IGNYTE

### **ASSESSMENT BACKGROUND**

In May of 2022, The Jonesville Community Schools Board of Education hired the team of ELITE and IGNYTE to provide a Facilities Assessment for Jonesville Community Schools. The purpose of this assessment is to provide a baseline "benchmark" for determining comprehensive facilities plan for the district for the next 10 years. Facilities within this assessment include Jonesville High School, Middle School, Elementary School, Administration Building, Manor Gymnasium, Concord Gymnasium, Athletic Facilities and the Transportation Building.

# **ELITE COMPANIES | IGNYTE**

#### What is our mission?

- To assess the existing conditions of the school buildings and sites.
- To generate recommendations for improvements to the school buildings and sites. These recommendations will be broken down into timelines over the next 10-years.
- To document items that may fall within a potential District Master Plan for Jonesville Community Schools. These items are a key component to initiate a discussion with the Administration, School Board, Staff and Community Members so that together, a clear path for a future can be mapped out.

#### What will the Master Plan options do?

- Provide a road map for Jonesville Community Schools to make informed facility-related decisions based on identified goals and priorities.
- Defines a path forward for facility improvements, including projects and costs over the next 10 years.

### **OUR PROCESS**

ELITE and IGNYTE reviewed existing resources provided by the district and completed physical tours of each building and site. Tours included Superintendent Erik Weatherwax, Facilities Director Thomas Young, School Board members Kayla Lewis, Abe Graves, Sid Halley along with ELITE and IGNYTE representative Mark Rimes, Lentz Becraft and Jonathan Rumohr.

This report represents a "snapshot of time" in the life of the facilities within the district. Each building was evaluated on an "as-is" basis at the time of each physical tour.

### **OUR RESOURCES**

Several resources have been made available to the ELITE and IGNYTE team for our use in evaluating the existing buildings. These resources include existing building drawings, enrollment projections and input from the Administration and Maintenance personnel. All these resources are used collectively to formulate a solid vision for the future of Jonesville Community Schools.

### **ASSESSMENT**

01

#### **Assessment**

Each facility is assessed based on the existing condition of elements in the following categories:

 Site, Building Exterior/Envelope, Barrier Free, Structural, Interior Finishes, Life Safety and Security, Mechanical and Electrical. 02

### **Priority Rating**

The facilities are given a priority ranking within each category based on current conditions. This priority ranking system tabulates budgets for each category.

03

#### **Recommendations for Improvement**

When a category scores below the "satisfactory" level, a recommendation for improvement is made. This list is intended to document and quantify recommended items/improvements noted during the building assessment.

These recommendations are broken down into a recommended priority based on a 10-year span:

- Priority 1: Item no longer meets current use, is outdated, does not meet code, and should be replaced.
- Priority 2: Item is nearing the end of its useful life, should be replaced in the next five years.
- Priority 3: Item meets current use, showing signs of age and should be replaced in the next 10 years.
- Priority 4: Item meets current and future needs, no recommendation for improvement for the next 10 years.



### **Conceptual Budget**

The Conceptual Budget section quantifies the improvement needs by providing the District cost estimates. These costs establish an estimated dollar value to each recommend item. This tool identifies the potential cost of recommendations and improvements. The costs represented are "Labor and Material" costs only. "All-Inclusive" pricing would include fees such as Architectural/Engineering, Construction Management, Plan Review, Building Permit, Design and Construction contingencies, etc., which add 30% to the estimated cost.



### **Facility Cost Index (FCI)**

The conceptual budgets are used to calculate a Facility Cost Index (FCI) for each building. An FCI is the condition indicator that calculates the cost of repairs or renovations vs. the cost of replacement of a like facility. A general planning assumption is if the cost of repairs or renovations exceeds two-thirds or 66% of the replacement cost, the facility could be considered for replacement.

In addition to cost, there are other factors that can influence a decision to renovate or replace a facility.

These factors include but are not limited to

- Historic significance of the facility.
- Location of the facility and/or the impact on the surrounding neighborhoods.
- The functional effectiveness of a facility and the maintenance necessary to keep a facility in operation.
- How well the facility fits into the long-term planning of the district.

All these factors need to be considered when discussing the potential renovation vs replacement.

### **IMPLEMENTATION**

The key to a successful planning process is to have useful data and a flexible plan that will adapt and change over time as the needs of the District and Community continues to change. This report provides the initial ingredients for a successful plan based on data-driven decision making. It represents an important initial step towards developing a comprehensive vision for the future of Jonesville Community Schools.

#### Recommendations

The facility has a calculated Facility Cost Index (FCI) of less than 31%; The recommended amount for replacement is any percentage greater than 66 percent.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the Elementary School as funding allows.

### WILLIAMS ELEMENTARY

#### **Existing Mechanical Equipment**

- **Heating Source** (2) 1,500 MBH boilers that are new and in good condition.
- **Cooling Source** | Window air conditioning units in Main Office, chilled water unit ventilators in one wing installed summer of 2022.
- **Mechanical Units** | The school has a mixture of horizontal and ceiling mounted unit ventilators that are heating only. One wing has heating and cooling Unit Ventilators. New Gym has two Air Handling Units installed on mezzanines.
- **Controls** | Mixture of DDC and DDC over pneumatic, compressor is starting very loud, short cycling likely due to air leaks in the system.

#### **Existing Electrical Equipment**

- **Electrical Service** | 208/120-volt, 3-phase, 4-wire, 1,600-amp service.
- **Parking Lot Lighting** | Site lighting is LED type and appears to be in good condition.
- Exterior Lighting | Most of the building mounted exterior fixtures has been replaced with LED type. There are some doors that will require fixtures to be added to meet egress lighting requirements.
- Interior Lighting | All interior lighting is a combination of linear fluorescent, most of which have been converted to LED lamps.

#### **Existing Architectural**

- Existing Doors | Exterior doors are a combination of Aluminum and Hollow Metal. Interior doors are wood doors and vary in style. 2010 addition interior doors are more of a consistent style.
- **Existing Windows** | Exterior windows throughout the entire building are newer aluminum style storefront systems with insulated glazing.
- **Existing Flooring** | Building is a combination of Vinyl Composite Tile (VCT) and Carpet in the main traffic areas.
- **Existing Ceilings** | Ceilings are mainly Acoustical Ceiling Tiles (ACT) and most were replaced in 2010 and are in good condition.
- Existing Casework | Most casework was replaced in 2010 and is plastic laminate wood.
- Existing Roofing | Roof membrane consists of all EPDM synthetic rubber.

# JONESVILLE MIDDLE SCHOOL

#### **Existing Mechanical Equipment**

- **Heating Source** | (2) PK Boilers nearing end of useful life. Boilers feed perimeter finned tube, cabinet unit heaters, and ceiling-hung unit ventilators.
- Cooling Source | None
- **Mechanical Units** | Classrooms are served with ceiling-hung unit ventilators. They are hung below the ceiling in most spaces, even though it appears there is adequate space for them to be installed above the ceiling. They are all constant speed without cooling.
- Controls | DDC Controls throughout.

#### **Existing Electrical Equipment**

- **Electrical Service** | 208/120-volt, 3-phase, 4-wire, 400-amp service.
- Parking Lot Lighting | LED wall packs. Many are early generation LED drivers.
- **Exterior Lighting** | Most of the building mounted exterior fixtures has been replaced with LED type. There are some doors that will require fixtures to be added to meet egress lighting requirements.
- Interior Lighting | All interior lighting is a combination of linear fluorescent, most of which have been converted to LED lamps.

#### **Existing Architectural**

- Existing Doors | Exterior doors are a combination of Aluminum and Hollow Metal. Interior doors are wood doors and are various in style. All Classroom entry doors were replaced in 2010
- **Existing Windows** | Exterior windows throughout the entire building are newer aluminum style storefront systems with insulated glazing and replaced in 2010.
- **Existing Flooring** | Building is a combination of Vinyl Composite Tile (VCT) in the main traffic areas and Classrooms have wood flooring
- Existing Ceilings | Ceilings are mainly Acoustical Ceiling Tiles (ACT) and most were replaced iin 2010 and are in good condition
- Existing Casework | Classrooms do not have any general casework within
- Existing Roofing | Roof membrane is a combination of TPO (Thermoplastic Polyolefin) and PVC

#### Recommendations

The facility has a calculated Facility Cost Index (FCI) of less than 28%.

The recommended amount for replacement is any percentage greater than 66%.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the Middle School as funding allows.

#### **Recommendations**

The facility has a calculated Facility Cost Index (FCI) of less than 18%.

The recommended amount for replacement is any percentage greater than 66%.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the High School as funding allows.

# JONESVILLE HIGH SCHOOL

#### **Existing Mechanical Equipment**

- **Heating Source** | Two (2) Thermal Solutions 2,000 MBH Boilers that are original to the building.
- **Cooling Source** One (1) 150-ton McQuay Air-Cooled Rotary Chiller that is original to the building.
- **Mechanical Units** | Hot/Chilled Water VAV Air Handling Units throughout the building. AHU's are in good condition.
- **Controls** | DDC Controls throughout.

#### **Existing Electrical Equipment**

- **Electrical Service** | 480/277-volt, 3-phase, 4-wire, 1,600 amp with a pad mounted transformer and Square D switchboard.
- Parking Lot Lighting | HID type. There are currently 55 poles, 23 of them are double head type.
- Exterior Lighting | Most of the building mounted exterior fixtures has been replaced with LED type. There are some doors that will require fixtures to be added to meet egress lighting requirements.
- Interior Lighting | All interior lighting is a combination of linear fluorescent, most of which have been converted to LED lamps.

#### **Existing Architectural**

- Existing Doors | Exterior doors are a combination of Aluminum and Hollow Metal original to the building with wood laminate interior doors original to the building.
- **Existing Windows** | Exterior windows are aluminum style storefront systems with insulated glazing original to the building.
- **Existing Flooring** | Building is a combination of Vinyl Composite Tile (VCT) and Carpet in the main traffic areas.
- Existing Ceilings | Ceilings are mainly Acoustical Ceiling Tiles (ACT) and most were replaced by in 2010 and are in good condition.
- **Existing Casework** | Casework is original to the building and is plastic laminated wood .
- **Existing Roofing** | Roof membrane consists of all EPDM synthetic rubber.

### JONESVILLE TRANSPORTATION

#### **Existing Mechanical Equipment**

- **Heating Source** | Gas-Fired Radiant Tubes.
- Cooling Source | Window mounted.
- Mechanical Units | None.
- **Controls** 7-day programmable thermostats.

#### **Existing Electrical Equipment**

- Electrical Service | 120/240-volt, single-phase, 200-amp service.
- Parking Lot Lighting | None.
- Exterior Lighting | Some LED wall packs on building.
- **Interior Lighting** | Lighting is a mix of fluorescent.

#### **Existing Architectural**

- Existing Doors | Hollow metal.
- Existing Windows | Aluminum with insulated glazing.
- Existing Flooring | Concrete.
- Existing Ceilings | Exposed.
- Existing Casework | None.
- Existing Roofing | PVC.

#### Recommendations

The facility has a calculated Facility Cost Index (FCI) of less than 33%.

The recommended amount for replacement is any percentage greater than 66%.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the Transportation Building as funding allows.



#### Recommendations

The facility has a calculated Facility Cost Index (FCI) of less than 22%.

The recommended amount for replacement is any percentage greater than 66%.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the Manner as funding allows.

# JONESVILLE MANOR GYM

#### **Existing Mechanical Equipment**

- **Heating Source** | New Lennox Gas-Fired Unit Heaters for Gym, New Trane Furnace for Locker Rooms.
- Cooling Source | None.
- Mechanical Units | None.
- **Controls** | 7-day programmable thermostats.

#### **Existing Electrical Equipment**

- **Electrical Service** | 120/240-volt, single-phase, 200-amp service.
- Parking Lot Lighting | None.
- Exterior Lighting | Wall packs on building.
- Interior Lighting | The gym has all new LED lights. The remainder of the building has LED retrofit lamps in the existing fixtures.

#### **Existing Architectural**

- Existing Doors | Hollow metal.
- Existing Windows | None.
- Existing Flooring | Carpet in main traffic area, poured rubber in Gym.
- **Existing Ceilings** | Exposed and Plaster.
- Existing Casework | None.
- Existing Roofing | Metal.

# JONESVILLE ADMINISTRATION BUILDING

#### **Existing Mechanical Equipment**

- **Heating Source** | Within mechanical unit.
- Cooling Source | Within mechanical unit.
- Mechanical Units | (3) Packaged gas-fired, DX Rooftop units.
- **Controls** | 7-day programmable thermostats.

#### **Existing Electrical Equipment**

- **Electrical Service** | 208/120-volt, 3-phase, 4-wire, 400-amp service.
- Parking Lot Lighting | Flood lights.
- Exterior Lighting | Wall packs on building.
- Interior Lighting | LED fixtures or LED retrofit bulbs.

#### **Existing Architectural**

- **Existing Doors** | Exterior doors are a combination of Aluminum and Hollow Metal. Interior doors are wood laminate.
- Existing Windows | None.
- Existing Flooring | Carpet in main traffic area.
- Existing Ceilings | Exposed and Acoustical Ceiling Tiles (ACT).
- Existing Casework | Plastic laminated wood.
- **Existing Roofing** | Roof membrane consists of all EPDM synthetic rubber.



#### **Recommendations**

The facility has a calculated Facility Cost Index (FCI) of less than 14%.

The recommended amount for replacement is any percentage greater than 66%.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the Administration Building as funding allows.

# JONESVILLE ATHLETIC FIELDS

#### **Existing Mechanical Equipment**

- **Heating Source** | None.
- Cooling Source | Mini-Split air conditioning at Concession Building.
- Mechanical Units | None.
- Controls | None.

#### **Existing Electrical Equipment**

- **Electrical Service** | 480-volt service that feeds the football field.
- Parking Lot Lighting | None.
- Exterior Lighting | Existing Light Poles at Football field.
- Interior Lighting | Fluorescent type.

#### **Existing Architectural**

- **Softball** | Grass field with CMU block dugouts (Located behind Middle School).
- Baseball | Grass field with CMU block dugouts (Located behind Middle School)
- **Football** | Grass field with bleacher system and no running track (Located behind Middle School).
- **Track** | 6-Lane track with rubber surface (Located behind Elementary School).

#### Recommendations

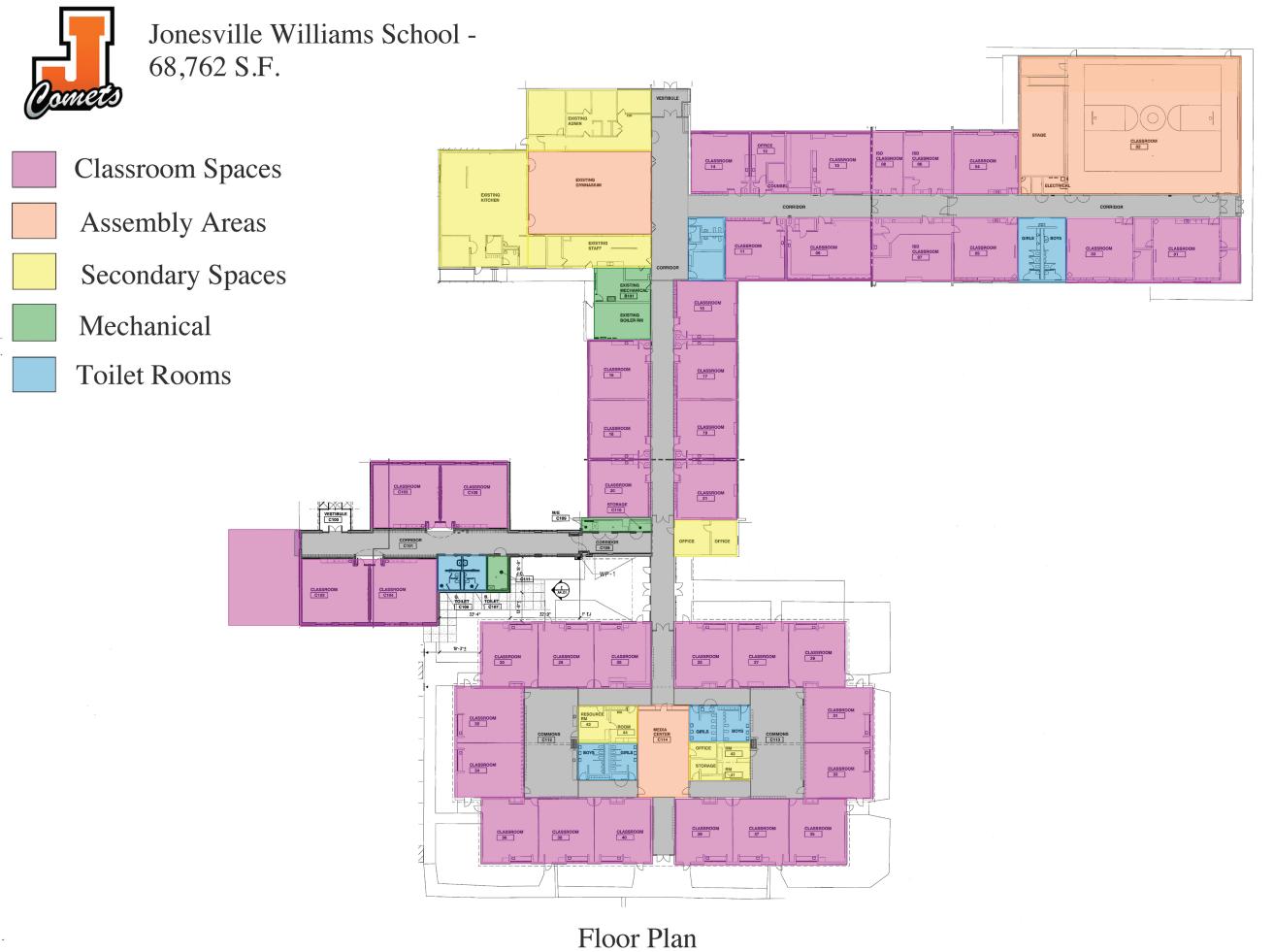
The facility has a calculated Facility Cost Index (FCI) of less than 10%.

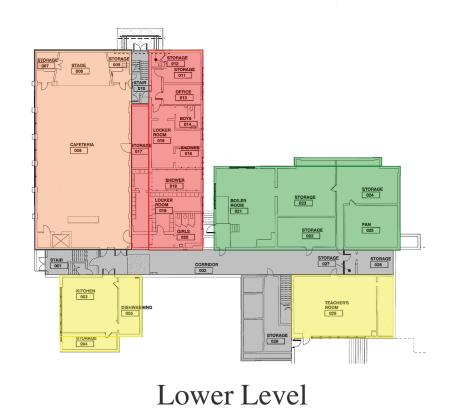
The recommended amount for replacement is any percentage greater than 66%.

As a result, the recommendation is to continue the districts long-term goals to improve the conditions of the Athletic Fields as funding allows.

\*It is known the district has a Master Plan of moving the Football Field and Track to the High School Property. If this is the priority, then it is not recommended to renovate the current Football facility or Track.





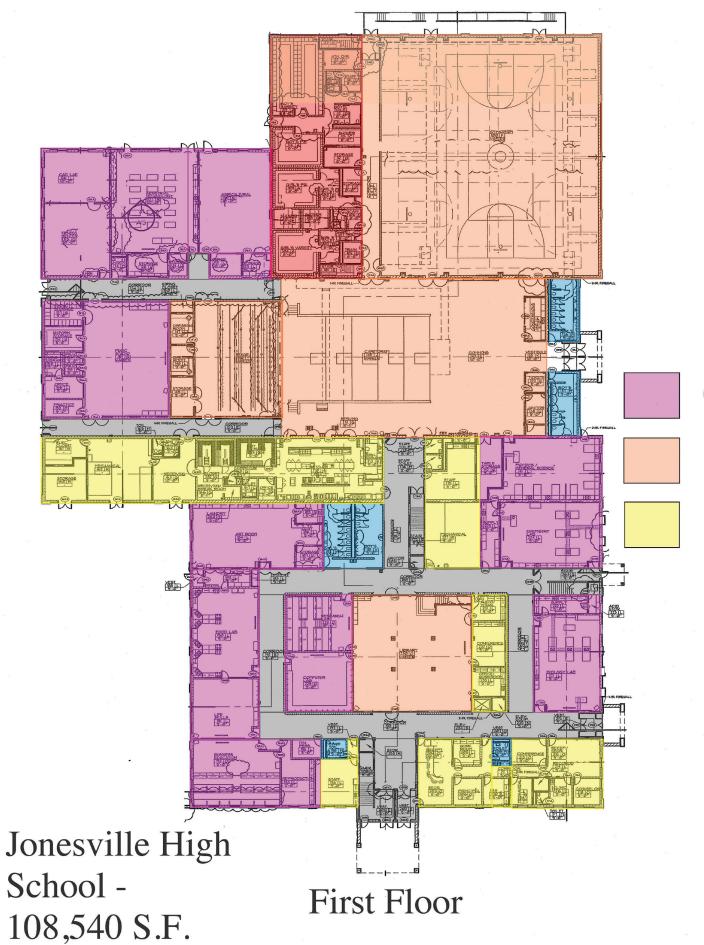


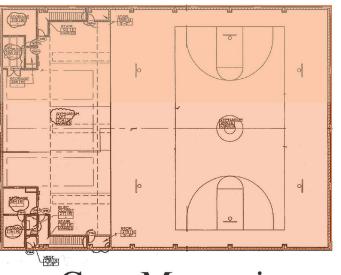
STORAGE MECH OSS STORAGE SHOWER OSS STORAGE STORAGE OSS SHOWER OSS STORAGE OSS



Upper Level







Gym Mezzanine

**Classroom Spaces** 



Mechanical

**Assembly Areas** 

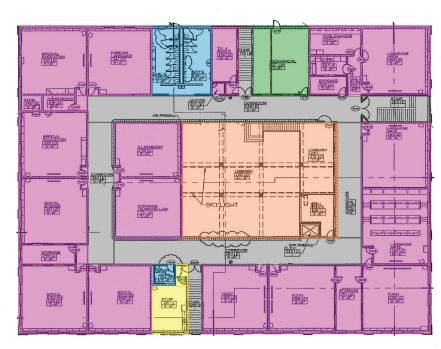


**Toilet Rooms** 

**Secondary Spaces** 



Locker Rooms



Second Floor

### **CONCEPTIONAL BUDGET**

The conceptual budgets are used to calculate a Facility Cost Index (FCI) for each building. An FCI is the condition indicator that calculates the cost of repair or renovation of a like facility. A general planning assumption is that if the cost of repairing or renovating a facility exceeds two-thirds or 66% of the replacement cost, the facility could be considered for replacement.

### **FACILITY COST INDEX (FCI)**

The conceptual budgets are used to calculate a Facility Cost Index (FCI) for each building. An FCI is the condition indicator that calculates the cost of repair or renovation of a like facility. A general planning assumption is that if the cost of repairing or renovating a facility exceeds two-thirds or 66% of the replacement cost, the facility could be considered for replacement.

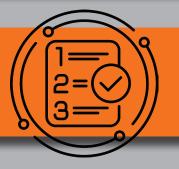


#### **Priority 1**

Item no longer meets current use, is outdated, does not meet code, and should be replaced.

### **Priority 2**

Item is nearing the end of it's useful life and should be replaced in the next five years.



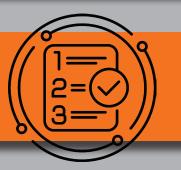


#### **Priority 3**

Item is nearing the end of it's useful life and should be replaced in the next five years.

### **Priority 4**

Item meets current and future needs. No recommendation for improvement for the next 10 years.



### **JONESVILLE COMMUNITY SCHOOLS**

#### **CONCEPTIONAL BUDGET**

School Name	Esti P1	imated Consti <i>P2</i>	ruction Costs P3	P4	Total
Williams Elementary	\$2,648,397	\$3,424,491	\$786,608	\$137,524	\$6,997,020
Middle School	\$2,808,810	\$3,624,441	\$889,900	\$119,250	\$7,442,401
High School	\$342,750	\$3,707,960	\$2,936,020	\$100,000	\$7,086,730
Transportation Building	\$294,000	\$115,000	\$23,000	\$0.00	\$432,000
Manor Gym	\$125,833	\$960,600	\$112,000	\$0.00	\$1,198,433
Admin Building	\$165,433	\$13,000	\$0.00	\$60,000	\$238,433
Athletic Fields	\$610,433	\$75,000	\$0.00	\$0.00	\$685,433
Grand Total	\$6,995,723	\$11,920,492	\$4,747,528	\$416,774	\$24,080,517

Budgets show are HARD COST ONLY. Add 30% for A/E, CM, and Contingency fees. Budgets show are current prices.

### **JONESVILLE COMMUNITY SCHOOLS**

**FACILITY COST INDEX (FCI)** 

School Name	Replacement Cost	Renovation Cost	FCI Index
Williams Elementary	\$23,035,270	\$6,997,020	30.38%
Middle School	\$26,583,900	\$7,442,401	28.00%
High School	\$40,702,500	\$7,086,730	17.41%
Transportation Building	\$1,312,500	\$432,000	32.91%
Manor Gym	\$5,625,000	\$1,198,433	21.13%
Admin Building	\$1,740,000	\$238,433	13.70%
Athletic Fields	\$7,000,000	\$685,000	9.79%
Grand Total	\$105,999,170	\$24,080,517	22.72%

### **JONESVILLE COMMUNITY SCHOOLS**

### **MASTER PLAN LIST**

### **GENERAL**

- Secure vestibules with renovations to capture a controlled traffic flow for visitors. Rearrange entries and add call buttons, cameras, etc. Future projects requirement.
- IT/Data improvements. Phone system, PA systems, Review classroom Tech needs with any future
- Classroom IT/projectors, etc., are 7+ years old. Wifi hotspots are same age. Upgrades to equipment would be recommended on future large-scale electrical/renovation projects.
- FF&E line-item allowances for district wide upgrades furniture for learning environments a priority.

#### **ATHLETIC FACILITIES**

• New Football Stadium with new 8-lane competition track and supporting buildings and facilities.



# **WILLIAMS ELEMENTARY (1)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL								\$3,294,063	
Parking Lot						Main parking lot in overall good condition	Recommend seal coating, crack repair and new striping. Approximately 115,000 s.f.	\$421,667	
Parking Lot	<b>~</b>					Front drop-off loop and area in front of the dumpster pad are in need of repairs/replacement	Recommend replacement in the next 5-7 years. Approximately 25,000 s.f.	\$91,667	
Parking Lot	<b>V</b>					Bus and Parent drop off area. Per district is congested and needs improvement	Recommend engaging a civil engineer to discuss current situation and feedback from community. Have a civil engineer develop concepts for improvement		

# **WILLIAMS ELEMENTARY (2)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Concrete Sidewalks	<b>Y</b>						Recommend replacement of concrete sidewalks. Approximately 750 s.f.	\$10,500	
Concrete Sidewalks				<b>Y</b>		■ 100 - 10	Annual weed control maintenance is recommended		
Playground		<b>2</b>				Playground does not have barrier-free access. Two structures have been replaced recently. Remainder of structures need to be replaced	Recommend to replace approximately 6 structures	\$48,000	

# **WILLIAMS ELEMENTARY (3)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Playground	<b>~</b>					Mulch needs to be replaced or added	Recommend adding or replacing playground mulch. Approximately 22,000 s.f.	\$24,444	
Roof Membrane	<b>~</b>					Roof material is EPDM and the majority of the roof is ready for replacement	Recommend full replacement of approximately 61,000 s.f.	\$1,525,000	
Roof Membrane	<b>~</b>					overall good condition	Recommend new roof overlay over the existing roof membrane in the next 10-15 years. Repair current leak at Gym		

# **WILLIAMS ELEMENTARY (4)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Secured Main Entrance	<b>Z</b>			0		Main entrance does not have a secured vestibule	Recommend remodeling entry and existing office area to provide a secure vestibule. Approximately 700 s.f.	\$140,000	Constitute trace marine. Province
Interior Elements		<b>~</b>				Classroom Corridor walls in the Media Center wing do not meet current fire rating	Recommend reconstruction new Corridor walls from finished floor to roof deck and install new fire rated doors. Approximately 260 l.f.	\$93,600	
Toilet Rooms	<b>~</b>					Single Toilet Rooms in Classrooms are not barrier-free accessible	Current room design won't allow remodeling in Classrooms to update this condition. Recommend remodeling Gang Toilet Rooms to meet barrier-free codes.		

# **WILLIAMS ELEMENTARY (5)**

		PRIO	RITY L	.EVEL					
	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Toilet Rooms	<b>Z</b>					Gang Toilet Rooms across from the Cafeteria and Media Center are not barrier-free accessible	Recommend remodeling (6) Gang Toilet Rooms to meet barrier free codes	\$420,000	
Toilet Rooms	<b>&gt;</b>					Gang Toilet Rooms across from the Gym meet barrier-free codes the year of construction.	Recommend installing (2) 18" vertical grab bars	\$500	
Toilet Rooms						Gang Toilet Rooms in 2010 addition meet current barrier-free codes	No work recommend at this time		

# **WILLIAMS ELEMENTARY (6)**

		PRIO	RITY L	EVEL					
	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Floor Finishes		<b>Y</b>					Recommend replacing with new LVT tile. Approximately 46,000 s.f.	\$368,000	
Floor Finishes		<b>×</b>				Building carpet is near the end of its life span	Recommend replacing with new carpet squares. Approximately 3,000 s.f.	\$21,000	G H J G R S S S S S S S S S S S S S S S S S S
Floor Finishes						Building entry point flooring	Recommend installing walk-off carpet squares. Approximately 1,150 s.f.	\$9,200	

# **WILLIAMS ELEMENTARY (7)**

				.EVEL					
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Floor Finishes		<b>~</b>				Stage nosing, treads and risers	Recommend replacing with new nosing, treads and risers. Approximately 100 l.f.	\$5,500	
Ceiling Pads		<b>~</b>				Most ceilings replaced in 2010 remodel and are in overall good condition.	Recommend replacing remainder of ceiling pads to match. Approximately 7,250 s.f.	\$39,875	
Casework		✓				Most casework replaced in 2010 remodel and is in overall good condition	Recommend replacing remainder of casework. Approximately 42 l.f.	\$45,360	

# WILLIAMS ELEMENTARY (8)

			RITY I						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Interior Doors						Doors and hardware in 2010 addition in overall good condition. Existing doors are in fair to poor condition	Replaced doors and hardware not included in the 2010 construction project. Approx. 85 doors	\$29,750	
MECHANICAL								\$1,661,526	
Heating Source and Condition				✓		Two (2) 1,500 MBH Aerco Benchmark Boilers. Boilers are new and in good condition.	None		
Heating Pumps and Piping						B&G Inline pumps for both primary and secondary pumps. Pumps are installed at the ceiling and are difficult to maintain. All pumps in boiler room are constant speed. One base-mounted pump is variable speed.	Recommend relocating pumps lower for easier maintenance, and adding VFDs for variable speed operation for energy efficiency.	\$80,000	

# **WILLIAMS ELEMENTARY (9)**

		PRIO	RITY L	EVEL					
	P1	P 2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Cooling Source and Condition						Window Air Conditioners in offices. One wing has chilled water unit ventilators installed in summer of 2022	Add air conditioning throughout building	\$1,031,430	
Cooling Pumps and Piping			<b>Y</b>			New for one wing	None		
AHUs and RTUs		<b>Z</b>				The school has a mixture of horizontal and ceiling mounted unit ventilators that are heating only. One wing has heating and cooling Unit Ventilators. New Gym has two AHU's installed on mezzanines.	Recommend retrofitting and/or replacing remaining unit vents to add cooling and incorporate air side economizer for energy efficient free cooling. AHUs are in good shape and can be modified to add cooling.		

# **WILLIAMS ELEMENTARY (10)**

,				EVEL		,			
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Air Delivery						Constant Volume from Unit Ventilators	Revise to Variable Flow with new equipment.	\$275,048	
Ventilation				<b>&gt;</b>		Minimum Ventilation currently.	Upgrade to include 0 - 100% Economizer with major renovation	\$137,524	
Kitchen				<b>N</b>		Good hoods, indirect drains, make up air at hoods	None		

# **WILLIAMS ELEMENTARY (11)**

			RITY L						
	P1	P2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Management System/Controls						Mixture of DDC and DDC over pneumatic, compressor is starting very loud, short cycling likely due to air leaks in the system	Replace outdated Pneumatic Controls throughout with new devices, front end, programming, graphics, etc. this has already been upgraded per Tom - upgrade piece/parts as necessary.		
PLUMBING								\$137,524	
Underground Storm					>	No reported issues	None		
Building Storm					>	No reported issues	None		

# **WILLIAMS ELEMENTARY (12)**

				EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Underground Sanitary					$\searrow$	No reported issues	None		
Building Sanitary					$\searrow$	No reported issues	None		
Gas Piping	<b>V</b>					Major deterioration of piping at meter. Needs immediate attention.	District looking to address currently.		

# **WILLIAMS ELEMENTARY (13)**

				EVEL					
	P1	P2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Domestic Water Piping							None		
Water Heaters	<b>~</b>					undersized for use with bathrooms and kitchens. New Bradford-White water heater in	Review sizing for main water heater - potential to relocate the Bradford White water heater and provide a new water heater properly sized for the new wing.		
Water Softener						None			

# **WILLIAMS ELEMENTARY (14)**

				LEVEL					
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Plumbing Fixtures			<b>~</b>			Flush-Valve Water Closets and Lavatories with manual faucets.	Potential upgrades to touch free with major facility renovation.	\$137,524	
Fire Protection					$\triangleright$	None	None		
ELECTRICAL								\$1,697,621	
Electrical Service						The existing service is a 208/120-volt, 3-phase, 4-wire, 1,600-amp service in good condition.	None		

# **WILLIAMS ELEMENTARY (15)**

		PRIO	RITY I	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Distribution & branch panels			<b>~</b>			The panels are a mix of older Square D type panels and new Square D panels. The older panels should be replaced in the next 5-10 years.	Figure 6 new panels and associated feeders.	\$90,000	
Exterior lighting			<b>~</b>			Most of the building mounted exterior fixtures has been replaced with LED type. There are some doors that will require fixtures to be added to meet egress lighting requirements.	Add light fixtures over exterior doors as required to meet egress code.	\$30,000	
Parking lot lighting						Existing site lighting is LED type and appears to be in good condition.	Add three (3) additional site lighting poles to the drop off loop in front of the building.	\$18,000	

# **WILLIAMS ELEMENTARY (16)**

		PRIC	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Interior lighting		<b>~</b>				All interior lighting is a combination of linear fluorescent, most of which have been converted to LED lamps. There is an opportunity to swap lights out with LED type to save a lot of energy. This would also allow the fixtures to have dimming in all the occupied areas, which would provide a better learning environment.	Replace light fixtures with LED type, add occupancy sensors in all areas and dimming in all occupied areas.	\$825,144	
Emergency lighting	<b>Z</b>					Emergency lighting is a combination of internal battery type and bug-eye type which does not meet today's code.	Replace emergency lighting as part of interior lighting replacement.	\$68,762	
Receptacles & circuiting						Appear to be in good working order. Replace or add as required.	None		

# **WILLIAMS ELEMENTARY (17)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Lighting controls		<b>~</b>				There are lighting controls some lighting controls in the corridors and classrooms.	When interior lighting is replaced upgrade/replace existing lighting controls.	\$103,143	
Emergency power	<b>~</b>					There is no generator	As part of interior lighting replacement a new natural gas generator would be considered.	\$150,000	
Fire Alarm		~				original to the building	The fire alarm is nearing the end of its useful life and should be scheduled to be replaced in the next 5-10 years.	\$412,572	

# **JONESVILLE MIDDLE SCHOOL (1)**

		PRIC	RITY	LEVEL					
	P1	P2	P 3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL								\$2,923,747	
Parking Lot			✓			Parking Lots are in overall good condition	Continue maintenance, crack fill, seal and restripe as needed. Approx 80,000 s.f.	\$62,222	
Concrete Sidewalks		<b>V</b>		0		Sidewalk along Chicago St showing signs of wear and tear	Recommend replacing sidewalk. Approximately 400 l.f.	\$19,200	
Concrete Sidewalks				<b>~</b>		Remainder of sidewalks in good condition. Weeds and grass appearing in joints	Annual weed control maintenance is recommended		

# **JONESVILLE MIDDLE SCHOOL (2)**

		PRI	ORITY	/ LE	VEL					
ARCHITECTURAL	P1	P 2	PS	3 P	4	NA	DESCRIPTION	CORRECTIVE ACTION	\$2,923,747	IMAGES
Roof Membrane			ם כ	ו	<b>&gt;</b>	$\neg$	Partial Roof replacement in 2010 (Duralast). Remainder of roof appears to be TPO roofing membrane, age unknown. There are no reported leaking areas at this time	Recommend monitoring roof membrane (23,850 s.f.) conditions, repair leaks as they appear. Duralast membrane has 10-15 years of life left. TPO membrane (17,800 s.f.) has 5-10 years of life left	\$119,250	
Exterior Elements	~		ם וכ	ם נ			Exterior ledge at Kitchen window well	Recommend installing railing at Kitchen window well ledge. Approximately 35 l.f.	\$7,000	
Exterior Elements				ם (			There is no barrier-free access to the main entrance of the building	Recommend constructing a new ramp or installing a lift at the main entrance Approximately 35 l.f.	\$2,625	

# **JONESVILLE MIDDLE SCHOOL (3)**

			RITY L						
	P1	P 2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL			1					\$2,923,747	
Secured Main Entrance						Main entrance does not have a secured vestibule	Recommend remodeling entry and existing office area to provide a secure vestibule. Approximately 750 s.f.	\$45,000	
Toilet Rooms	<b>Z</b>					There are no barrier-free Toilet Rooms in the entire building	Recommend providing (1) Unisex barrier free toilet on each floor	\$18,000	
Toilet Rooms		<b>Y</b>				All gang Toilet Rooms are in good condition. Finishes are dated	Recommend updating floor and wall finishes, new toilet partitions and plumbing fixtures	\$600,000	

#### **JONESVILLE MIDDLE SCHOOL (4)**

			RITY I						
ARCHITECTURAL	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	\$2,923,747	IMAGES
Locker Rooms						All Locker Rooms are dated and are showing heavy wear and tear	Recommend remodeling all Locker Rooms. Update to provide barrier-free elements and access (4) total locker rooms, approximately 5,125 s.f. (No current access to Locker Rooms under the Stage at the Gym		
Floor Finishes		<b>~</b>				All Classroom flooring is wood and appears to be in good shape	Recommend normal maintenance. If desired replace with carpet squares or LVT	\$50,000	
Floor Finishes		<b>V</b>				Corridors, Computer/Tech Rooms are VCT and in fair condition, nearing the end of their life span	Recommend replacing with new LVT tile. Approximately 10,000 s.f.	\$80,000	

#### **JONESVILLE MIDDLE SCHOOL (5)**

				EVEL					
	P1	P 2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL								\$2,923,747	
Floor Finishes		<b>~</b>				Building entry point flooring	Recommend installing walk-off carpet squares. Approximately 650 s.f.	\$4,550	
Floor Finishes		<b>~</b>			0	Existing Gym entrances and Stage has asbestos tile flooring	Recommend abating approximately 3,800 s.f. of tile and install new LVT tile	\$30,400	
Floor Finishes			<b>Z</b>			Existing Gym Flooring is wood and recently sanded. This was the last sand the floor can have.	Recommend replacing Gym floor system. Approximately 7,000 s.f.	\$161,000	

#### **JONESVILLE MIDDLE SCHOOL (6)**

			RITY L						
ARCHITECTURAL	P1	P2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	\$2,923,747	IMAGES
Floor Finishes		<b>2</b>				Existing Woodshop Classroom has asbestos tile flooring	Decommend shoting approximately 1 400 of and	\$35,000	
Floor Finishes	_	<b>Z</b>				Gym/Stage stair nosing, treads and risers	Recommend replacing with new stair nosing, treads and risers. All other stairways had these replaced in 2010	\$5,000	
Floor Finishes		<b>2</b>				Computer Labs, Media Center Offices, Conference Room, Elevator Lobby, Main Office, Counselor's Office are all carpet	Recommend replacing with new carpet squares. Approximately 5,000 s.f.	\$35,000	

#### **JONESVILLE MIDDLE SCHOOL (7)**

			RITY L						
ARCHITECTURAL	P1	P2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	\$2,923,747	IMAGES
Lockers		<b>×</b>					December of full Corridor Locker replacement in	\$312,000	TOTAL
Casework	<b>~</b>					There is no current general Classroom casework	Recommend installing 10-12 l.f. of new casework in each Classroom. Approximately 13 Classrooms	\$12,000	
Casework	<b>~</b>						Recommend replacing casework in these rooms. Approximately 250 l.f.	\$262,500	

#### **JONESVILLE MIDDLE SCHOOL (8)**

ARCHITECTURAL	P1			EVEL P 4	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST \$2,923,747	IMAGES
Interior Doors		<b>Y</b>			Classroom doors were replaced in 2010 and are in overall good condition	Recommend field verifying all secondary doors for replacement of door hardware. Approx. 95 doors		
Elevator			<b>☑</b>			Remodel cab interior and provide new operating mechanical system	\$120,000	

#### **JONESVILLE MIDDLE SCHOOL (9)**

		PRIO	RITY	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
MECHANICAL								\$1,764,080	
Heating Source and Condition		<b>~</b>				Boilers feed perimeter finned tube, cabinet unit	Replace within next 5 years and upgrade to condensing boilers with variable primary piping arrangement.	\$160,000	
Heating Pumps and Piping	✓					difficult to maintain. All pumps are constant	Upgrade and replace pumps with boiler replacement to be located near the floor for easier maintenance. Convert all pumps to variable speed for energy efficiency.	\$60,000	
Cooling Source and Condition			<b>V</b>	<b>Y</b>		None	Add cooling throughout building		

# **JONESVILLE MIDDLE SCHOOL (10)**

			RITY I						
	P1	P 2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Cooling Pumps and Piping						None	None		
AHUs and RTUs	~					most spaces, even though it appears there is	Replace ceiling-hung unit ventilators with new unit ventilators (ceiling-hung, or vertical self-contained with cooling) at the next major renovation to add cooling throughout the building.	\$1,139,310	
Air Delivery	<b>~</b>					Constant Volume via unit ventilators.	Upgrade to variable volume.		

# **JONESVILLE MIDDLE SCHOOL (11)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Ventilation									
Kitchen	<b>~</b>					Kitchen hood does not meet current code and does not have an ansul fire suppression system.	Upgrade to current code.	\$25,000	
Building Management System/Controls						DDC Controls throughout.	Upgrade areas as necessary with next major renovation.	\$379,770	

# **JONESVILLE MIDDLE SCHOOL (12)**

				EVEL					
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Snowmelt				<b>&gt;</b>		Snowmelt for front walks served by boiler system. There is a small glycol sub-loop for the snowmelt			
PLUMBING								\$176,908	
Underground Storm					<b>&gt;</b>	no reported issues	None		
Building Storm					<b>Y</b>	no reported issues	None		

# **JONESVILLE MIDDLE SCHOOL (13)**

				EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Underground Sanitary					$\checkmark$	no reported issues	None		
Building Sanitary					<b>~</b>	no reported issues	None		
Domestic Water Piping					<b>V</b>	2" Service	None		THE CONTRACTOR OF THE CONTRACT

# **JONESVILLE MIDDLE SCHOOL (14)**

		PRIO	RITY I	EVEL					
	P1	P 2	P 3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Water Heaters				<b>~</b>		Two (2) newer Bradford White water heaters with no reported issues	None		
Water Softener	<b>~</b>					One (1) older duplex Peerless Softener	Further water quality testing required - Replace softener as needed	\$25,000	
Plumbing Fixtures			<b>Z</b>			Flush-Valve Water Closets and Lavatories with manual faucets. Several bathrooms have group hand sinks.	Potential upgrades to touch free with major facility renovation.	\$151,908	

# **JONESVILLE MIDDLE SCHOOL (15)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Fire Protection					<b>&gt;</b>	None	None		
ELECTRICAL								\$2,457,666	
Electrical Service		<b>Z</b>				The existing service is a 208/120-volt, 3-phase, 4-wire, 400-amp service. The main panel is a Square D I-Line style panel.	The service will need to be upgraded if cooling is added throughout the building.	\$151,908	
Distribution & branch panels						The branch panels are a mix of really old Watch Dog style, old Square D and newer Square D type panels. All Older panels should be replaced, especially the Watchdog style panels (these have had a history of failure)	Replace branch panels and associated feeders for all older panels. Replace associated branch wiring when panel is replaced. Figure 8 panels to be replaced.	\$40,000	

# **JONESVILLE MIDDLE SCHOOL (16)**

		PRIO	RITY L	EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Exterior lighting			<b>Z</b>			Most of the building mounted exterior fixtures has been replaced with LED type. There are some doors that will require fixtures to be added to meet egress lighting requirements.	Add light fixtures over exterior doors as required to meet egress code.	\$15,000	
Parking lot lighting		~				Exterior building mounted lighting has been replaced with LED wall packs. Many are early generation LED drivers and have issues.	Replace all wall packs with new LED fixtures with 10 year warranties.	\$50,000	
Interior lighting		<b>~</b>				All interior lighting is a combination of linear fluorescent, most of which have been converted to LED lamps. There is an opportunity to swap lights out with LED type to save a lot of energy. This would also allow the fixtures to have dimming in all the occupied areas which would provide a better learning environment.	Replace light fixtures with LED type, add occupancy sensors in all areas and dimming in all occupied areas.	\$759,540	

# **JONESVILLE MIDDLE SCHOOL (17)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Emergency lighting						Emergency lighting is internal battery type.	Replace battery packs and add as required per code when interior lighting is replaced.	\$151,908	
Receptacles & circuiting		~				Much of the wiring and associated devices appear to be older with old wiring. Branch wiring should be replaced as part of panel upgrades.	Replace branch wiring and associated devices as part of panelboard replacement. Plan for 3-4 circuits in each room with 10-12 outlets in each room. Each teacher station and associated projector shall be on a dedicated circuit.	\$379,770	
Lighting controls		<b>Z</b>				There are lighting controls in the corridors and classrooms.	When interior lighting is replaced upgrade/replace existing lighting controls.	\$303,816	

# **JONESVILLE MIDDLE SCHOOL (18)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Emergency power	<b>Y</b>					There is no generator	As part of interior lighting replacement, a new natural gas generator would be considered.	\$150,000	
Fire Alarm		<b>M</b>	_			The fire alarm system is a Simplex 4010 and is original to the building.	The fire alarm is nearing the end of its useful life and should be scheduled to be replaced in the next 5-10 years.	\$455,724	

#### **JONESVILLE HIGH SCHOOL (1)**

ARCHITECTURAL						\$4,119,510	
Parking Lot		<b>~</b>		Asphalt Parking Lots, all appear to be original to year of building construction. Asphalt life expectancy 20-30 years	Parking Lot replacement is recommended in the next 5-7 years. Approximately 225,000 s.f.	\$825,000	
Concrete Sidewalks		<b>~</b>		Concrete sidewalks in overall good condition. Weeds and grass appearing in joints	Annual weed control maintenance is recommended		
Secured Main Entrance			N	Building currently has secured vestibule at main entry	No additional work needed		

#### **JONESVILLE HIGH SCHOOL (2)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Structural Elements						Visible cracks in the Gym interior walls at the corners	Engage a structural engineer and architect to investigate		
Structural Elements	<b>~</b>					Visible cracking at brick detail on the east side of the Gym wall. Water infiltrating the Wrestling Room and Locker Rooms below	Engage a mason to inspect the brick detailing. Recommend repairs to brick detailing to verify that will stop the leaking	\$15,000	
Structural Elements		<b>~</b>				Ramp at south end of Gym has developed a gap between the ramp and building	Recommend installing backer rod and caulking joint	\$10,000	

#### **JONESVILLE HIGH SCHOOL (3)**

		PRIO	RITY I	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Roof Membrane			<b>Z</b>			Roof material is EPDM and was installed year of building construction. EPDM roofing life expectancy is 20-30 years	Recommend new roof overlay over the existing roof membrane in the next 5-10 years. (Current Roof leaks to be resolved immediately)	\$1,302,480	
Barrier-Free Toilet Room						Toilet Rooms meet the barrier-free codes year of construction. Code has been updated to include 18" vertical grab bar at water closet locations	Install an 18" vertical grab bar at each barrier-free water closet location. Approximately 17 locations	\$4,250	
Toilet Rooms			<b>~</b>			All gang Toilet Rooms are in good condition. Finishes are dated	Recommend updating floor and wall finishes, new toilet partitions and new plumbing fixtures	\$675,000	

#### **JONESVILLE HIGH SCHOOL (4)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Locker Rooms						wear and tear	Recommend remodeling all Locker Rooms (Men and Women's). District has begun certain upgrades.	\$540,000	
White Boards		<b>~</b>				White Boards are showing signs of aging and at the end of their life span	Recommend replacing classroom Whiteboards. Approximately (30) 12' White Boards	\$75,000	
Interior Walls	<b>~</b>					Education and Language Art rooms are	Recommend repairing stud walls and adding in wall protection on top of gypsum board finish for protection	\$15,000	

#### **JONESVILLE HIGH SCHOOL (5)**

, in the second second			RITY L						
	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Floor Finishes		<b>~</b>				Building Carpet at the end of its life span	Recommend replacing carpet with new carpet squares. Approximately 23,000 s.f.	\$161,000	
Floor Finishes		~				Building VCT at the end of its life span	Recommend replacing VCT with new LVT flooring. Approximately 44,000 s.f.	\$308,000	
Floor Finishes		<b>Z</b>				Building entry point flooring	Recommend installing walk-off carpet squares. Approximately 660 s.f.	\$5,280	

#### **JONESVILLE HIGH SCHOOL (6)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Floor Finishes		<b>~</b>				Stair nosing, treads and risers	Recommend replacing all stair nosing, treads and risers. 5 - Stairways	\$25,000	
Floor Finishes		<b>~</b>				Ceramic tile base missing	Repair and replace tile base at these areas (Need to verify quantity)	\$10,000	
Ceiling Pads		<b>V</b>				Main Corridor and various rooms ceiling pad has been discontinued	School has asked for these to be replaced with new pads. Approximately 27,000 s.f.	\$148,500	

#### **JONESVILLE HIGH SCHOOL (7)**

		PRIC	RITY I	EVEL					
	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Athletic Facilities					>	No on-site athletic fields and support facilities	Districts vision is to create a whole new athletic complex and support facilities for all outdoor sports on this site		
Athletic Facilities					>	Gymnasium storage	This is not adequate Gymnasium storage. Districts request to find or construct additional storage		

#### **JONESVILLE HIGH SCHOOL (8)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
MECHANICAL								\$688,540	
Heating Source and Condition		<b>×</b>				Two (2) Thermal Solutions 2,000 MBH Boilers that are original to the building.	The boilers should be planned for replacement within the next 5 years.	\$160,000	
Heating Pumps and Piping		<b>×</b>				difficult to maintain. All pumps are constant	Upgrade and replace pumps with boiler replacement to be located near the floor for easier maintenance. Convert all pumps to variable speed for energy efficiency.	\$60,000	
Cooling Source and Condition		<b>Y</b>					The chiller should be planned for replacement within the next 5 years.	\$180,000	McGusy

#### **JONESVILLE HIGH SCHOOL (9)**

			RITY L						
	P1	P2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Cooling Pumps and Piping		<b>Z</b>				One (1) 150-ton McQuay Air-Cooled Rotary Chiller that is original to the building. It is nearing end of useful life and should be considered for replacement	The chiller should be planned for replacement within the next 5 years.	\$180,000	
AHUs and RTUs				<b>&gt;</b>		Hot water / Chilled Water VAV AHU throughout the building. AHU's are in good condition.	Maintain and Replace components as necessary.		
Air Delivery				<b>N</b>		Variable Air Volume (VAV) with Reheat for all spaces.	VAVs are in good shape.		

# **JONESVILLE HIGH SCHOOL (10)**

				LEVEL					
	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Ventilation				<b>~</b>		Ventilation is provided by VAV AHU's.			
Kitchen				<b>Y</b>		Good hoods, indirect drains, make up air at hoods	None		
Building Management System/Controls			<b>Z</b>			DDC Controls throughout.	Upgrade and/or replace components as required for maintenance and with next major renovation.	\$108,540	

# **JONESVILLE HIGH SCHOOL (11)**

				EVEL		OODDECTIVE ACTION	ECTIVATED COOT	IMAGEG
PLUMBING	РΊ	P 2	P3	P 4	NA DESCRIPTION	CORRECTIVE ACTION	\$26,000	IMAGES
Underground Storm					☐ No Reported Issues	None	\$28,000	
Building Storm					□ No Reported Issues	None		
Underground Sanitary					☐ No Reported Issues	None		

#### **JONESVILLE HIGH SCHOOL (12)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Sanitary						No Reported Issues	None		
Domestic Water Piping						4" water service with bypass around meter.	None		
Water Heaters				<b>Y</b>		PVI Aqualplex 399 MBH natural gas boiler (400 gph), manufactured in 2019.	None		MANUAL STREET, 185  MANUAL

# **JONESVILLE HIGH SCHOOL (13)**

		PRIO	RITY L	.EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Water Softener						Softener with PVC piping located off loading dock.	Revise to remove PVC Piping to protect from damage.	\$5,000	
Plumbing Fixtures	<b>&gt;</b>					Dated, Older multi-station sinks	Replace multi-station sinks.	\$21,000	
Fire Protection				<b>V</b>		Fully Sprinkled, 8" main to 6" FP with Fire Pump.	None		

# **JONESVILLE HIGH SCHOOL (14)**

		PRIO	RITY I	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ELECTRICAL								\$2,252,680	
Electrical Service				<b>~</b>		The service is in good condition. It is a 480/277-volt, 3-phase, 4-wire, 1,600 amp with a pad mounted transformer and Square D switchboard.	None		
Distribution & branch panels				~		The panels are all original to the building but are in good condition with capacity. Panels are all Square D type panels.	None		
Exterior lighting						Most of the building mounted exterior fixtures has been replaced with LED type. There are some doors that will require fixtures to be added to meet egress lighting requirements.	Add light fixtures over exterior doors as required to meet egress code.	\$20,000	

# **JONESVILLE HIGH SCHOOL (15)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Parking lot lighting	<b>Z</b>					Parking lot lighting are HID type. There are currently 55 poles, 23 of them are double head type. With a total af 78 fixtures there is a huge opportunity to greatly reduce energy usage with converting to LED and eliminating heads and pole locations.	Replace parking lot lighting and reduce the number of fixtures.	\$137,500	
Interior lighting		<b>~</b>				All interior lighting is a combination of linear fluorescent, most of which have been converted to LED lamps. There is an opportunity to swap lights out with LED type to save a lot of energy. This would also allow the fixtures to have dimming in all the occupied areas, which would provide a better learning environment.	Replace light fixtures with LED type, add occupancy sensors in all areas and dimming in all occupied areas.	\$868,320	
Emergency lighting				<b>Y</b>		There is a 100 kW natural gas generator providing emergency lighting.	The only thing would be evaluating all areas are covered for today's life safety code. Add lights as required as part of interior lighting replacement.	\$100,000	

# **JONESVILLE HIGH SCHOOL (16)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Receptacles & circuiting						Appear to be in good working order. Replace or add as required.	None		
Lighting controls		<b>~</b>				There are very few lighting controls in the building. There is a lighting control system in some of the large rooms that should be scheduled to be replaced.	Provide occupancy sensors and dimming in all occupied areas as part of interior lighting replacement. Replace lighting control system in large rooms as part of interior lighting replacement.	\$325,620	
Emergency power	<b>Y</b>					There is an existing 100 kW Kohler, natural gas generator with automatic transfer switch. The generator is original to the building and nearing the end of its useful life.	Replace generator and associated transfer switch. Evaluate If any additional items need to be added to emergency power.	\$150,000	SAR SAR
Fire Alarm		<b>~</b>				The fire alarm system is a Simple 4010 and is original to the building.	The fire alarm is nearing the end of its useful life and should be scheduled to be replaced in the next 5-10 years.	\$651,240	TOTAL PROPERTY OF THE PARTY OF

#### **JONESVILLE TRANSPORT (1)**

		PRIO	RITY L	EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL	Darech							\$105,000	
Parking Lot			<b>Z</b>			Parking Lot is in overall good condition	Continue maintenance, crack fill, seal and restripe as needed		
Roof Membrane				<b>Y</b>		Roof membrane was replaced in 2010 with new Duralast roof membrane. Presume warranty is still good.	Recommend monitoring roof membrane conditions, repair leaks as they appear		
Structural Elements		<b>~</b>				Steel lintels at the overhead doors are sagging	Engage a structural engineer and architect to investigate. Scraping/sand blasting and paint recommended at minimum. 7 Doors	\$105,000	

#### **JONESVILLE TRANSPORT (2)**

		PRIO	RITY L	EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Elements				<b>&gt;</b>		Overall building is in satisfactory condition	Building appears to meet the needs to of the district. Investigate steel lintels		
MECHANICAL								\$40,000	
Heating Source and Condition				<b>\</b>		Gas-Fired Radiant Tubes	None		
Heating Pumps and Piping					>	None	None		

#### **JONESVILLE TRANSPORT (3)**

				.EVEL					
	P1	P2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Cooling Source and Condition	<b>~</b>					Window Mounted DTAC		\$20,000	
Cooling Pumps and Piping					<	None	None		
AHUs and RTUs					>	None	None		

#### **JONESVILLE TRANSPORT (4)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Air Delivery				<b>&gt;</b>		Ceiling fans			
Ventilation	~					Exhaust Fans for Toilet Room and Service Pit	Replace and Upgrade to meet current ventilation code requirements for service garages. Air exchanges and exhausting units.	\$10,000	
Building Management System/Controls	<b>Z</b>					7-day programmable thermostats	Upgrade to BACnet or WIFI stats to allow for control and energy savings without going to the building.	\$10,000	

#### **JONESVILLE TRANSPORT (5)**

			RITY I						
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
PLUMBING  Underground Storm						No Reported Issues	None	\$23,000	
Building Storm					>	No Reported Issues	None		
Underground Sanitary					~	No Reported Issues	None		

## **JONESVILLE TRANSPORT (6)**

		PRIO	RITY I	EVEL					
	P1	P 2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Sanitary						No Oil/Dirt Separator for floor drains serving service bays.	Would recommend adding with future renovations to meed code.		
Domestic Water Piping			<b>&gt;</b>				None		
Water Heaters			~			AO Smith Gas-Fired Storage Water Heater (40 gal tank)	Replace/Upgrade with major facility renovation or within 10 years.	\$15,000	

## **JONESVILLE TRANSPORT (7)**

			EVEL					
Water Softener			P 4		None	None	ESTIMATED COST	IMAGES
Plumbing Fixtures		<b>⊻</b>			with manual forwards	Replace/Upgrade with major facility renovation. Estimated cost reflects simple fixture/bathroom updates at this time.	\$8,000	
Fire Protection				<b>Y</b>	None	None		

## **JONESVILLE TRANSPORT (8)**

				EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ELECTRICAL								\$264,000	
Electrical Service						The electrical service is an old 120/240-volt, single-phase, 200-amp service.	The service is in poor condition and should be replaced.	\$50,000	
Distribution & branch panels	~					Panels are old and should be replaced.	Upgrade panels and associated feeders.	\$15,000	
Exterior lighting		<b>V</b>				There are some existing LED type fixtures on the building.	Consider adding 6-8 new LED building mounted lights to increase the security around the building.	\$10,000	

## **JONESVILLE TRANSPORT (9)**

				EVEL					
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Parking lot lighting	<b>~</b>					There is no parking lot lighting.	Consider adding 3-4 poles.	\$24,000	
Interior lighting	~					Lighting is a mix of fluorescent.	Upgrade to LED lighting	\$75,000	
Emergency lighting	<b>~</b>					There isn't any emergency light fixtures.	Fixtures should be replaced to provide adequate lighting levels for a typical garage.		

# **JONESVILLE TRANSPORT (10)**

	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Receptacles & circuiting	<b>~</b>					Receptacles are near the end of their useful life	Replace receptacles and associated branch wiring.	\$90,000	
Lighting controls	<b>Y</b>					None	Lighting controls are not required in a garage. Occupancy sensors could be provided in the support areas like offices and storage rooms.		
Emergency power					$\triangleright$	None	None		
Fire Alarm					$\triangleright$	None	None		

## **JONESVILLE MANOR GYM (1)**

		PRIO	RITY L	.EVEL			Connecto		
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL								\$787,433	
Parking Lot	<b>~</b>					Portion of parking area is asphalt and needs to be replaced	Replace approximately 6,500 s.f.	\$23,833	
Parking Lot			<b>Z</b>			Portion of parking area is gravel	Maintain gravel parking lot as needed.		
Landscaping	<b>~</b>					Trees and shrubs are overgrown	Recommend trimming existing shrubs		

## **JONESVILLE MANOR GYM (2)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Exterior Elements			<b>Y</b>			Building siding color is faded	Recommend to clean and re-paint building. Approx. 8,000 s.f.	\$12,000	
Interior Elements		~				Existing interior walls, doors and frames need repainting	Recommend full interior repainting of doors and walls.	\$62,500	
Barrier-Free Access	~					Building currently does not have any barrier-free access	Recommend providing barrier-free access to main entrance	\$5,000	

## **JONESVILLE MANOR GYM (3)**

			RITY						
	P1	P2	P 3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Toilet Rooms		<b>~</b>				barrier free seeses	Recommend full remodel of existing (2) locker rooms to update and comply with barrier-free access codes. Approximately 2,000 s.f.	\$360,000	
Floor Finishes		<b>&gt;</b>				Existing corridor and entry carpet is at the end of their life span	Recommend replacement with new carpet squares. Approximately 700 s.f.	\$4,900	
Floor Finishes		<b>V</b>				Building entry point flooring	Recommend installing walk-off carpet squares at the main entry. Approximately 100 s.f.	\$1,200	

## **JONESVILLE MANOR GYM (4)**

		PRIC	RITY I	EVEL					
	P1	P 2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Floor Finishes						Existing Multi-Purpose Floor appears to be rubber and is at the end of its life span	Recommend replacement with new multi-purpose flooring system. Approximately 15,500 s.f.	\$310,000	
Interior Doors		<b>-</b>				Interior doors are in satisfactory condition	Recommend replacement of door hardware. Approximately 20 doors	\$8,000	
Building Elements				<b>~</b>		Overall building is in satisfactory condition and gets moderate use from the district. Building does not provide any barrier-free access or elements	Only recommend above improvements if use of this building increases		

## **JONESVILLE MANOR GYM (5)**

				P 4 NA DESCRIPTION					IMAGES
MECHANICAL	P 1	P 2	<u>P3</u>	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	\$60,000	IMAGES
Heating Source and Condition				>		New Lennox Gas-Fired Unit Heaters for Gym, New Trane Furnace for Locker Rooms	None	<b>400,000</b>	Lauri
Heating Pumps and Piping					>	None	None		
Cooling Source and Condition					>	None	None		

## **JONESVILLE MANOR GYM (6)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Cooling Pumps and Piping					<b>&gt;</b>	None	None		
AHUs and RTUs					<b>&gt;</b>	None	None		
Air Delivery	<b>✓</b>					Existing louvers are blocked off from the inside.	See Below		

#### **JONESVILLE MANOR GYM (7)**

ŭ		PRIO	RITY L	EVEL		,			
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Ventilation						Existing louvers are blocked off from the inside.	Replace louvers, and add dampers and fans to allow for ventilation control. Currently outside air louvers are covered by the insulation.	\$10,000	
Building Management System/Controls						7-day programmable thermostats	Upgrade to BACnet or WIFI stats to allow for control and energy savings without going to the building.	\$50,000	
PLUMBING								\$0	
Underground Storm						No Reported Issues	None		

## **JONESVILLE MANOR GYM (8)**

				EVEL					
	P1	P2	P3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Storm						None	None		
Underground Sanitary						No Reported Issues	None		
Building Sanitary						No Reported Issues	None		

## **JONESVILLE MANOR GYM (9)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Domestic Water Piping					>	2" service in old boiler room.	None		
Water Heaters				<b>×</b>		Gas-Fired, Installed in 2017. No Reported Issues	None		
Water Softener	<b>~</b>					Simplex Culligan Softener	Dependant upon use of facility in years to come.		Cultigan

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## **JONESVILLE MANOR GYM (10)**

		PRIO	RITY L	EVEL					
	P1	P2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Plumbing Fixtures						Tank-type water closets, flush valve urinals and wall-mount lavatories with manual faucets and shower pedestals. Spaces do not currently meet ADA.	Replace/Upgrade with major facility renovation.		
Fire Protection					$\triangleright$	None	None		
ELECTRICAL								\$351,000	
Electrical Service		<b>~</b>				The electrical service is a 120/240-volt, single-phase, 200-amp. The panel is nearing the end of its useful life.		\$1,500	

## **JONESVILLE MANOR GYM (11)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Distribution & branch panels					$\triangleright$	There is just the one main panel in the building.	None		
Exterior lighting	<b>~</b>					There are very few exterior building mounted lights.	Add new lights to the exterior, including emergency fixtures at each exit.	\$5,000	
Parking lot lighting	✓					There is no parking lot lighting.	Add parking lot lighting, four (4) new poles.	\$22,000	

## **JONESVILLE MANOR GYM (12)**

		PRIO	RITY L	EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Interior lighting			<b>×</b>			The gym has all new LED lights. The remainder of the building has LED retrofit lamps in the existing fixtures.	Replace lighting in the non gym areas with new LED type. Fixtures will be high abuse type.	\$25,000	
Emergency lighting	~					There are no emergency fixtures in the building.	Provide emergency fixtures as required per code.	\$10,000	
Receptacles & circuiting		<b>~</b>				There are very few receptacles in the building. The existing are original to the building and should be replaced as part of the panel replacement.	Replace receptacles and associated wiring as part of panel upgrade.	\$62,500	

## **JONESVILLE MANOR GYM (13)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Lighting controls			<b>Y</b>			There are occupancy sensors in the gym that appear to be in good working order. The rest of the building does not have any sensors.	Add sensors to the rest of the building as part of the lighting upgrade.	\$75,000	
Emergency power					<	None	None		
Fire Alarm		<b>Z</b>				There is an old Simplex system in the building. It is nearing the end of its useful life.	Replace with a new system.	\$150,000	

## **JONESVILLE ADMIN BUILDING (1)**

				EVEL					
	P1	P 2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL								\$113,833	
Parking Lot	<b>~</b>					Parking lot is in poor condition and needs to be replaced	Recommend replacement of drive and parking lot. Approximately 27,500 s.f.	\$100,833	
Exterior Elements				✓		Concrete sidewalks are in overall good condition	No action needed at this time		
Exterior Elements		<b>~</b>				Exterior of building is in overall good condition. There is minor damage in the southwest corner of the building at the roof and building control joints need to be re-caulked	Recommend repairing roof edge metal and re-caulking control joints	\$5,000	

#### **JONESVILLE ADMIN BUILDING (2)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Exterior Elements							Recommend adjusting door and hardware at these locations	\$5,000	
Exterior Elements		<b>~</b>					Recommend repainting doors. Approximately 6 locations	\$3,000	
Barrier Free Access				<b>~</b>		Site/building meets current barrier free access and element codes	No action needed at this time		

#### **JONESVILLE ADMIN BUILDING (3)**

		PRIO	RITY L	EVEL					
	P1	P2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Roof Membrane				<b>Y</b>		Roof membrane is EPDM. Age is unknown, it's assumed it was replaced when building was remodeled	Recommend monitoring roof membrane conditions, repair leaks as they appear.		
MECHANICAL								\$76,600	
Heating Source and Condition				<b>Y</b>		and fired DY Poofton units	A heating plant replacement is recommended due to the amount of consistent maintenance, wear/tear on units, etc.	\$60,000	
Air Delivery						Constant Volume from RTU's, no reheat			

## **JONESVILLE ADMIN BUILDING (4)**

	PRIORITY LEVEL P1 P2 P3 P4 N								
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Ventilation				<b>&gt;</b>		Ventilation thru RTUs. Exhaust Fans in Toilet Rooms			
Building Management System/Controls	<b>V</b>					The building utilizes 7-day programmable thermostats	Recommend changing to networked (BACnet) or WIFI stats to allow greater control and energy efficiency without having to physically go to the building.	\$11,600	
IT Room Cooling	✓					IT Room does not have cooling or ventilation, and is warm.	Recommend adding ventilation and/or a mini-split to condition the IT space separate from the rest of the building.	\$5,000	

#### **JONESVILLE ADMIN BUILDING (5)**

		PRIO							
DI LINADINIO	P 1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	\$0	IMAGES
PLUMBING  Underground Storm				>		no reported issues	None	<del>\$</del> 0	
Building Storm				<b>&gt;</b>		no reported issues	None		
Underground Sanitary				<b>&gt;</b>		no reported issues	None		

## **JONESVILLE ADMIN BUILDING (6)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Sanitary				<b>&gt;</b>		Sump pump in janitor's closet in good working condition	None		
Domestic Water Piping				<b>\</b>		Domestic water comes from East St with meter and valve at the street.	None		
Water Heaters				<b>&gt;</b>		Shelf-Mounted water heater in janitor's closet in good condition.	Replace upon failure.		

## **JONESVILLE ADMIN BUILDING (7)**

				EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Water Softener						None	None		
Plumbing Fixtures			<b>~</b>			Tank-type water closets and drop-in lavs with manual faucets.	None		
Fire Protection						None	None		

## **JONESVILLE ADMIN BUILDING (8)**

			RITY L						
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ELECTRICAL								\$48,000	
Electrical Service			_	<b>Y</b>		The existing electrical service is a 208/120-volt, 3-phase, 4-wire, 400-amp new service with plenty of capacity.	None		
Distribution & branch panels				<b>&gt;</b>		The panels are all new and have plenty of capacity.	None		
Exterior lighting			✓			Exterior lighting is in good working condition.	None		

## **JONESVILLE ADMIN BUILDING (9)**

		PRIO	RITY L	.EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Parking lot lighting	<b>Z</b>					There are only a couple flood type lights. Additional lighting should be considered.	Add eight new parking lot lights.	\$48,000	
Interior lighting			<b>~</b>			All interior lighting has been replaced with LED fixtures or LED retrofit bulbs.	None		
Emergency lighting			<b>Z</b>			Internal batteries are already in place and appear to be in good condition.	None		

## **JONESVILLE ADMIN BUILDING (10)**

		PRIO	RITY L	.EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Receptacles & circuiting				<b>&gt;</b>		All receptacles and wiring are new and in good condition.	None		ZITE
Lighting controls		_	<b>Y</b>			There are Hubbelle controls throughout and are in good working order.	None		
Emergency power					✓	There is no generator	None		
Fire Alarm				<b>&gt;</b>		There is a new Simplex 4100 panel with all new devices and wiring.	None		

#### **JONESVILLE ATHLETIC FIELDS (1)**

				EVEL					
	P1	P 2	P 3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
ARCHITECTURAL								\$570,500	
Softball Field						Softball Field and dugouts are in overall good condition	No action needed at this time		
Baseball Field			~			Baseball Field and dugouts are in overall good condition	Recommend replacing the dugout roofs to match the Softball Field		
Football Field						Playing field is in overall good condition	No action needed at this time		

## **JONESVILLE ATHLETIC FIELDS (2)**

			RITY L						
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Football Stadium	<b>~</b>					Bleachers are in poor condition and don't meet any current building and barrier free access codes	Recommend full replacement at current location. Only replace if football stadium is to remain at current site. Water holding at the north end. Drainage should be addressed. 90 l.f. of Bleachers	\$450,000	
Storage Building		<b>Y</b>				Storage building is in poor condition, appears to be old concession building	Recommend construction of new pole barn storage facility that is adequate for athletic complex if it's to remain at current site	\$50,000	
Concession Building						Building in overall good condition	No action needed at this time		

#### **JONESVILLE ATHLETIC FIELDS (3)**

		PRIO	RITY L	.EVEL					
	P1	P 2	Р3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Track (located at the ES						Track appears to be in overall good condition with 6 running lanes. District would like a 8-lane track in order to hold larger meets and championships	Recommend to construct new running track at HS site as part of overall athletic master plan at HS. This would be part of a new football stadium		
Barrier Free Access	<b>~</b>					There is currently no current barrier free access or facilities	Recommend to provide barrier free access to all athletic sites with sidewalks if complex is to remain at current site	\$70,500	
MECHANICAL								\$0	
Heating Source and Condition	<b>~</b>					No heating for press box or ancillary spaces, which does not meet current code.	Upgrade with overall athletics upgrade		

## **JONESVILLE ATHLETIC FIELDS (4)**

			EVEL		DECODIDEION	CORRECTIVE ACTION	ECTIVATED COOT	1144.050
Heating Pumps and Piping			P 4		None	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Cooling Source and Condition	<b>Y</b>				Mini-Split at Concession Stand	Replace with overall athletics upgrade		
Cooling Pumps and Piping				>	None	None		

## **JONESVILLE ATHLETIC FIELDS (5)**

		EVEL P 4		DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
AHUs and RTUs					None	ESTIMATED COST	IMAGES
Air Delivery			Y	None	None		
Ventilation			>	None	None		

## **JONESVILLE ATHLETIC FIELDS (6)**

				EVEL					
	P1	P 2	P 3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Building Management System/Controls					>	None	None		
PLUMBING								\$0	
Underground Storm					$\triangleright$	No Reported Issues			
Building Storm					$\triangleright$	None			

## **JONESVILLE ATHLETIC FIELDS (7)**

		PRIO	RITY L	EVEL					
	P1	P 2	Р3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Underground Sanitary					$\triangleright$	No Reported Issues			
Building Sanitary					$\triangleright$	No Reported Issues			
Domestic Water Piping					$\triangleright$	No Reported Issues			

## **JONESVILLE ATHLETIC FIELDS (8)**

				EVEL					
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Water Heaters					<b>&gt;</b>	None			
Water Softener					>	None			
Plumbing Fixtures					>	None			

## **JONESVILLE ATHLETIC FIELDS (9)**

	PRIORITY LEVEL								
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Fire Protection					$\triangleright$	None			
ELECTRICAL								\$115,000	
Electrical Service	<b>Y</b>					There is a 480-volt service that feeds the football field. There is no main disconnect which does not meet today's current code.	Upgrade the electrical service and provide a new main distribution panel with a main breaker.	\$50,000	
Distribution & branch panels						The panels are all old and at the end of their useful life.	Replace all panels in the football field building, concession building and press box.	\$10,000	

# **JONESVILLE ATHLETIC FIELDS (10)**

		PRIO	RITY L	.EVEL					
	P1	P2	P3	P4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Exterior lighting	<b>V</b>		0			The football field lights are old and at the end of their useful life.	Replace stadium lighting and all exterior building mounted lights.	\$20,000	
Parking lot lighting		✓				None	Add lights in the parking area.		
Interior lighting	~					All interior lighting is old fluorescent type and at the end of its life.	Replace all lighting with LED, high abuse type.	\$10,000	JANA RT

# **JONESVILLE ATHLETIC FIELDS (11)**

	PRIORITY LEVEL P1 P2 P3 P4 NA					DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMACES
Emergency lighting		<b>Y</b>				None	Add emergency lighting as part of lighting upgrade.	\$5,000	IMAGES
Receptacles & circuiting		<b>Z</b>				Receptacles are all old and should be replaced.	Replace all receptacles and associated wiring as part of panel replacement.	\$10,000	
Lighting controls	<b>V</b>					None	Add controls as part of lighting upgrade.	\$10,000	

# **JONESVILLE ATHLETIC FIELDS (12)**

	PRIORITY LEVEL								
	P1	P 2	P 3	P 4	NA	DESCRIPTION	CORRECTIVE ACTION	ESTIMATED COST	IMAGES
Emergency power					$\triangleright$	None	None		
Fire Alarm					>	None	None		





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