

Presentation

to the

Montclair School District

for

Long Range Facilities Plan





Long Range Facilities Plan Goals

- Identify needs to building systems and components, fields/play areas, sidewalks and parking lots
- Examine Educational Adequacy of the school facilities in regard to current and future program goals and meeting the needs of the 21st Century educational experiences
- Prioritize plans to meet identified needs
- Provide information that will assist the District in updating the District five year Long Range Facilities Plan
- Provide for a comprehensive, strategic plan to provide for the future educational needs



Assessment Process

- **Two-Pronged Approach: Physical Condition and Program**
 - **Physical Condition:** **Investigations by EI team of Architects and Engineers**
 - Meetings with Director of Buildings & Grounds, Central Office and School Administration

 - **Educational Program:** **EI Program Specialist**
 - Meetings with Central Office and School Administration



Elementary Schools

- Bradford
- Charles Bullock
- Edgemont
- Hillside
- Nishuane
- Northeast
- Watchung





Middle and High Schools

- Buzz Aldrin
- Glenfield
- Renaissance at Rand
- George Inness Annex
- Montclair High School





Pre-K & Auxiliary Buildings

- Montclair Community Pre-K
- Administration Building
- Central Heating Plant
- Aubrey Lewis Sports Complex
- Robert Furlong Field House





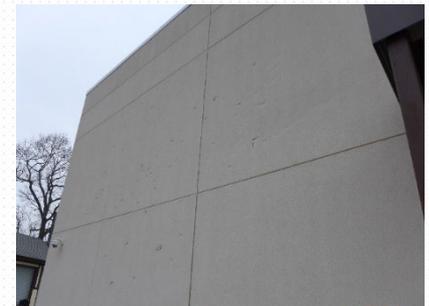
Assessment Categories:

- **Category 1 - Shell-Building Envelope**
- **Category 2 - Building Interior**
- **Category 3 - Elevators & Lifts**
- **Category 4 - Foundations**
- **Category 5 - HVAC Systems**
- **Category 6 - Plumbing**
- **Category 7 - Fire Systems**
- **Category 8 - Electrical Systems**
- **Category 9 - Site Work**
- **Category 10 - Educational Adequacy**



Summary of Needs:

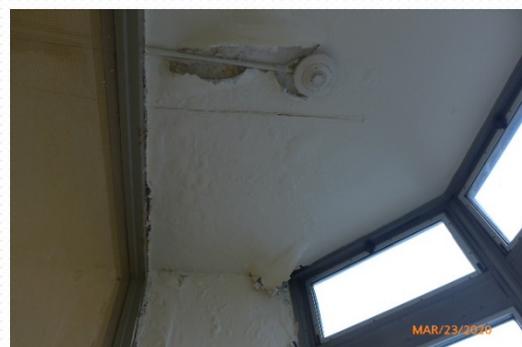
- Shell-Building Envelope





Summary of Needs:

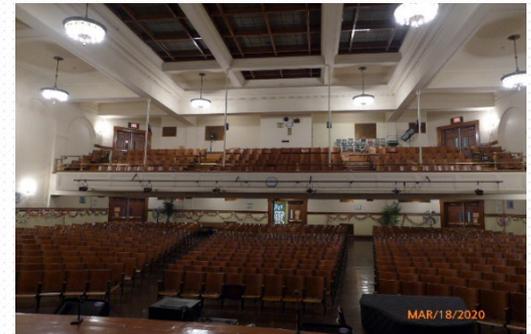
- Interiors





Summary of Needs:

- Interiors





Summary of Needs:

- Interiors





Summary of Needs:

- Building Security





Summary of Needs:

- Elevators and Lifts
- ADA-Barrier Free





Summary of Needs:

- Foundations





Summary of Needs:

- HVAC Systems





Summary of Needs:

- HVAC Systems





Summary of Needs:

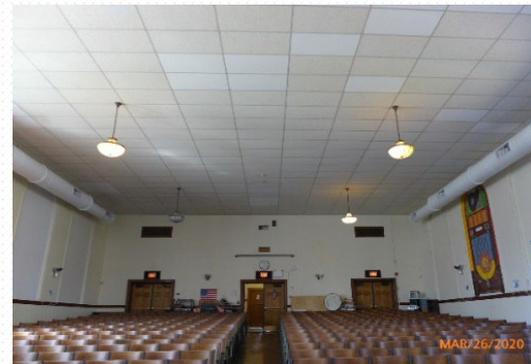
- Plumbing (ADA)





Summary of Needs:

- **Electrical:**
 - Distribution Panel Upgrades
 - Power Receptacle Distribution
 - Lighting
 - Communications





Summary of Needs:

- Site Work





Summary of Needs:

- Educational Adequacy

Adequate Classroom Space

Efficient Use of Classroom Space

Adequate SGI Space

Staff Planning/Professional Development Space

Efficient Use of Library/Media Space

Student Mobility

Outdoor Learning Space

Science/Technology Integration

Storage Space

Office Space



Next Steps:

- Obtain Additional Input from District**
- Add Air Conditioning including Electrical Upgrades**
- Determine Solutions for Educational Adequacy Items**
- Consider Expansion Options**
- Prioritize Projects**
- Update Costs**
- Advance Individual Projects to Next Level**



Preliminary Costs:

Montclair Public Schools
District Cost Summary Matrix - by Category

November 2020

	Category 1 Building Shell	Category 2 Interiors	Category 3 Elevators and Lifts	Category 4 Foundations	Category 5 HVAC	Category 6 Plumbing	Category 7 Fire	Category 8 Electrical	Category 9 Site Work	Category 10 Educational	Totals
Elementary Schools											
Bradford	\$ 640,000	\$ 435,000	\$ -	\$ 5,000	\$ 1,773,830	\$ 19,975	\$ -	\$ 250,000	\$ 440,000	\$ -	\$ 3,563,805
Charles Bullock	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ 85,000
Edgemont	\$ 130,000	\$ 430,000	\$ -	\$ 5,000	\$ 1,469,680	\$ 20,975	\$ -	\$ 250,000	\$ 60,000	\$ -	\$ 2,365,655
Hillside	\$ 980,000	\$ 1,120,000	\$ -	\$ -	\$ 3,989,000	\$ -	\$ -	\$ 250,000	\$ 62,000	\$ -	\$ 6,401,000
Nishuane	\$ 415,000	\$ 1,150,000	\$ -	\$ 10,000	\$ 4,017,455	\$ 25,475	\$ -	\$ 250,000	\$ 10,000	\$ -	\$ 5,877,930
Northeast	\$ 550,000	\$ 605,000	\$ -	\$ -	\$ 2,257,430	\$ 36,475	\$ -	\$ 250,000	\$ 30,000	\$ -	\$ 3,728,905
Watchung	\$ 260,000	\$ 635,000	\$ -	\$ -	\$ 1,556,315	\$ 16,775	\$ -	\$ 250,000	\$ 10,000	\$ -	\$ 2,728,090
Middle Schools											
Buzz Aldrin	\$ 425,000	\$ 855,000	\$ -	\$ 30,000	\$ 4,274,115	\$ 13,475	\$ -	\$ 250,000	\$ -	\$ -	\$ 5,847,590
Glenfield	\$ 235,000	\$ 815,000	\$ -	\$ 5,000	\$ 3,264,800	\$ -	\$ -	\$ 250,000	\$ 5,000	\$ -	\$ 4,574,800
Renaissance at Rand	\$ 120,000	\$ 810,000	\$ -	\$ -	\$ 1,469,620	\$ 62,975	\$ -	\$ -	\$ 5,000	\$ -	\$ 2,467,595
High Schools											
George Inness Annex	\$ 410,000	\$ -	\$ -	\$ -	\$ 4,492,730	\$ 30,975	\$ -	\$ 250,000	\$ 90,000	\$ -	\$ 5,273,705
Montclair High School	\$ 410,000	\$ 1,810,000	\$ -	\$ 10,000	\$ 8,082,665	\$ 16,750	\$ -	\$ -	\$ 150,000	\$ -	\$ 10,479,415
Pre School											
Pre-K	\$ 380,000	\$ 280,000	\$ -	\$ 50,000	\$ 301,300	\$ 12,500	\$ -	\$ -	\$ 10,000	\$ -	\$ 1,033,800
Support Facilities											
Administration Bldg Central Office	\$ 850,000	\$ 273,000	\$ -	\$ 5,000	\$ 115,000	\$ -	\$ 120,000	\$ -	\$ 150,000	\$ -	\$ 1,513,000
Central Heating Plant	\$ 80,000	\$ -	\$ -	\$ -	\$ 955,265	\$ 15,350	\$ -	\$ -	\$ -	\$ -	\$ 1,050,615
Aubrey Lewis Sports Complex	\$ 20,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 65,000
Robert Furlong Field House	\$ 80,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 130,000
Category Subtotals	\$ 6,025,000	\$ 9,308,000	\$ -	\$ 120,000	\$ 38,019,205	\$ 271,700	\$ 120,000	\$ 2,250,000	\$ 1,072,000	\$ -	

Grand Total

\$ 57,185,905

- Costs include 25% soft costs for contingencies, design, construction management, bonding and legal fees, testing and surveys.
- Costs do not include removal of hazardous materials.
- Costs do not include 3% escalation per year for construction beginning after 2022.



Thank You!