

Referendum

Readington Township Board of Education



Readington Middle School Capital Projects

READINGTON MIDDLE SCHOOL

Built in 1962

Glossary

- **Priority:** 1 through 5, with 1 being highest need or desire
- **Category:**
 - **Infrastructure/Maintenance** (ex. roofs, HVAC, paving, etc.)
 - **Student Experience** (ex. playgrounds, whiteboards, etc.)
 - **Facilities** (ex. Public address system, Integrated building management system, etc.)
- **Cost:** Total cost of project in entirety, with or without State Aid
- **State Aid:** Funding the State of New Jersey shall contribute for project costs
- **Timeframe:** How quickly the project is needed or desired
 - **Short** (1-2 years)
 - **Medium** (3-5 years)
 - **Long** (6+ years)
- **Start / End:** Anticipated timeframe for construction to begin and complete

**Infrastructure
&
Maintenance
Facilities Projects**

RMS

REPLACE EXISTING FEDERAL PACIFIC ELECTRICAL SERVICE EQUIPMENT

Priority 1

Facilities

Cost: \$650,000

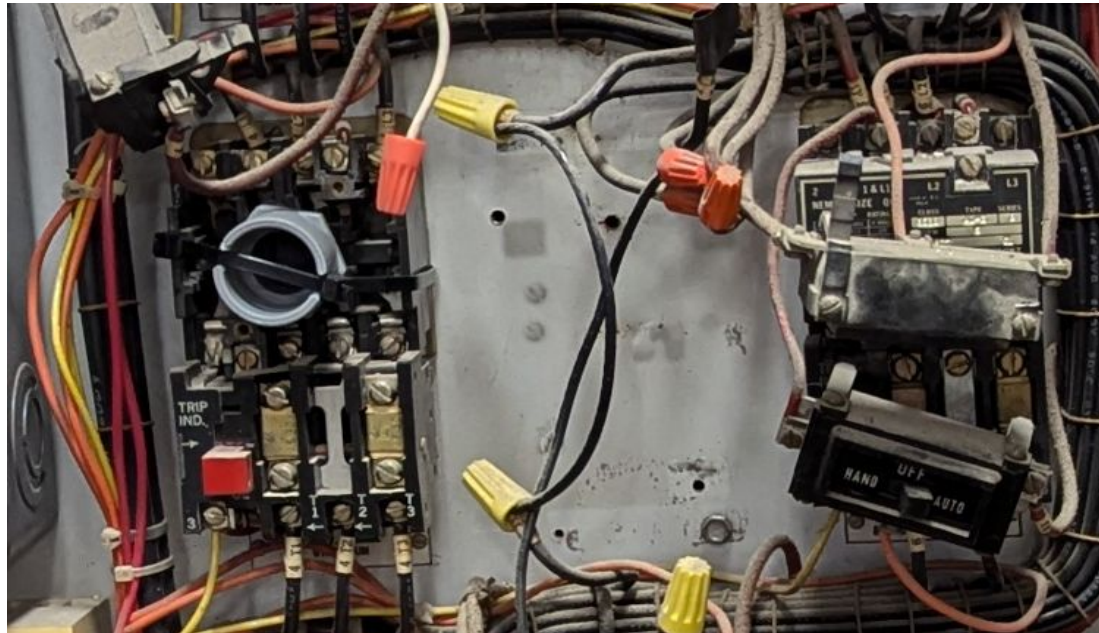
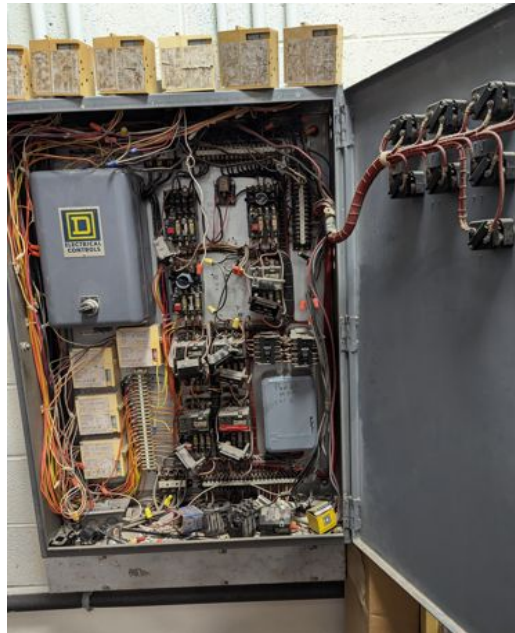
State Aid: \$221,000 (34%)

Need: Short Term (1-2 years)

Start: 7/28

End: 8/28

- Service equipment controls power to half of the building & original to structure circa 1962
- Panel is barely functional, could result in partial power loss to school & internet district-wide
- Parts & repairs are becoming more challenging to secure for maintenance
- Lack of reliable system presents a safety & security hazards
- Requested by Facilities & Architect/Engineer



RMS

REPLACE EXISTING FIRE ALARM SYSTEM

Priority 1

Facilities

Cost: \$783,647

State Aid: \$266,440 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing fire alarm systems are antiquated and more challenging to maintain
- Repairs are more challenging due to age of equipment, & costly in annual operating budget
- Integration into IT systems and monitoring are becoming more difficult due to age
- Safety & security matter
- Requested by Facilities & Architect/Engineer



RMS

ROOF REPLACEMENT - FRONT GYM & 400 WING

Priority 1

Infrastructure/Maintenance

Cost: \$625,000

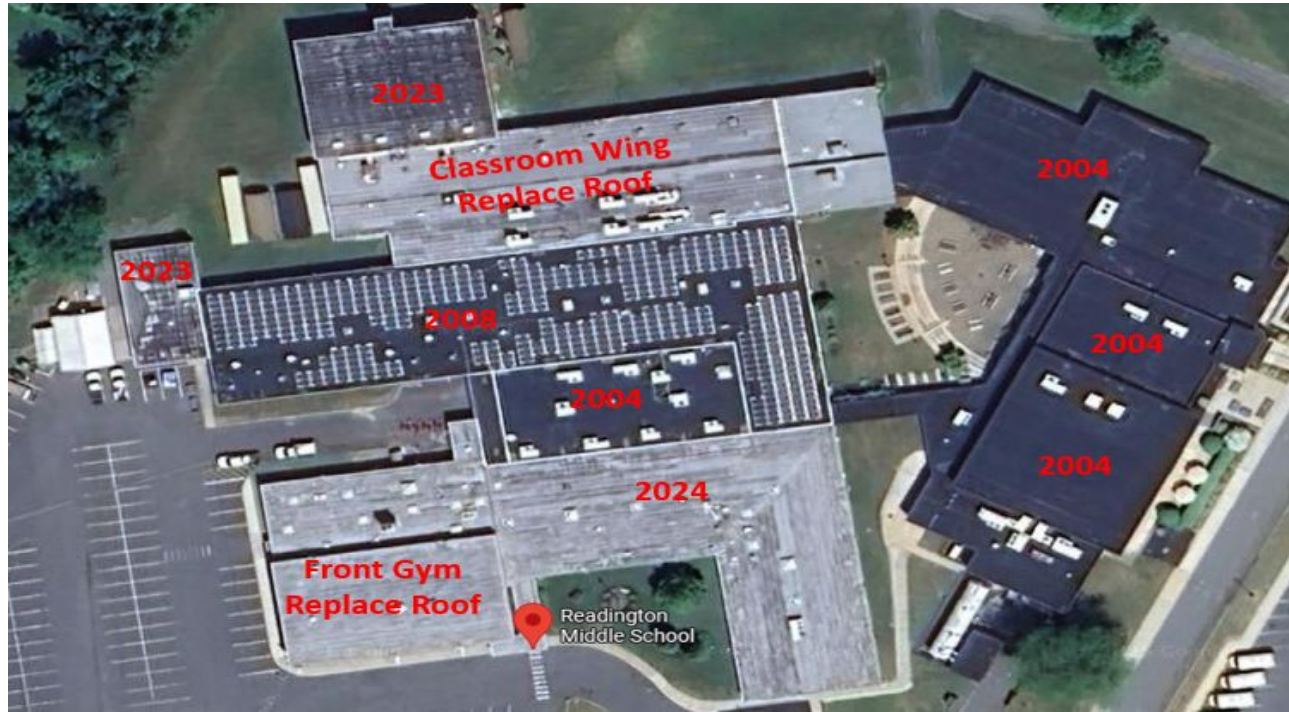
State Aid: \$212,500 (34%)

Need: Medium Term (3-5 years)

Start: 7/29

End: 8/29

- Existing shingle roof is out of warranty, would be replaced with newer shingles
- Existing roof has minor leaks and causes damage to flooring requiring repairs/replacement
- Repairs are more challenging due to the age of the roof, and leaks pose air quality issues
- Requested by Facilities & Architect/Engineer



RMS

REPLACE EXISTING BOILERS AT NEW WING

Priority 1

Infrastructure/Maintenance

Cost: \$877,500

State Aid: \$298,350 (34%)

Need: Long Term (6+ years)

Start: 7/28

End: 8/28

- Existing equipment from 2004 is nearing end of useful life & significantly aged
- Health & wellness of classroom environments impacted with failures, repairs are frequent
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration, Facilities & Staff



RMS

REPLACE CLASSROOM HVAC UNIT VENTILATORS

Priority 1

Infrastructure/Maintenance

Cost: \$1,183,000

State Aid: \$402,220 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE 2004 HVAC ROOF TOP UNITS

Priority 1

Infrastructure/Maintenance

Cost: \$780,000

State Aid: \$265,200 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE 2004 HVAC ROOF TOP UNITS FOR ROOM 203 / SCIENCE ROOMS

Priority 1

Infrastructure/Maintenance

Cost: \$75,000

State Aid: \$25,500 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE 2004 HVAC ROOF TOP UNITS FOR 500 WING CLASSROOMS

Priority 1

Infrastructure/Maintenance

Cost: \$250,000

State Aid: \$85,000 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would be impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

2004 ADDITION - EXISTING UNIT VENTILATOR CONDENSERS

Priority 1

Infrastructure/Maintenance

Cost: \$728,000

State Aid: \$247,520 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE CLASSROOM AIRDALE UNITS

Priority 1

Infrastructure/Maintenance

Cost: \$300,000

State Aid: \$102,000 (34%)

Need: Medium Term (3-5 years)

Start: 7/28

End: 8/28

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE 2004 HVAC ROOF TOP UNITS - NEW WING

Priority 3

Infrastructure/Maintenance

Cost: HVAC Contingency

State Aid: 34% Eligible

Need: Long Term (6+ years)

Start: 7/29

End: 8/29

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE 2004 HVAC ROOF TOP UNITS CLASSROOMS, MEDIA CENTER

Priority 3

Infrastructure/Maintenance

Cost: HVAC Contingency

State Aid: 34% Eligible

Need: Long Term (6+ years)

Start: 7/29

End: 8/29

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

REPLACE 2004 HVAC ROOF TOP UNITS FOR CAFETERIA

Priority 3

Infrastructure/Maintenance

Cost: HVAC Contingency

State Aid: 34% Eligible

Need: Long Term (6+ years)

Start: 7/29

End: 8/29

- Existing equipment is nearing end of useful life and significantly aged with regular repairs
- Health & wellness of classroom environments would impacted with failures
- Lack of healthy atmosphere shall disrupt the student learning environment
- Requested by Principals, Administration & Staff



RMS

INTEGRATED BUILDING MANAGEMENT SYSTEM

Priority 1

Facilities

Cost: \$1,573,000

State Aid: \$534,820 (34%)

Need: Long Term (6+ years)

Start: 7/27

End: 8/27

- Equipment is original to building, and difficult to repair or troubleshoot with new technology
- Critical for HVAC functionality and optimization, & integrate key into new HVAC when replace
- Supports air quality and classroom environments for learning
- Software is becoming unsupported due to age by Microsoft, and as internet-based, security issue
- Requested by Facilities & Architect/Engineer



RMS

REPAVE AT SCHOOL

Priority 1

Infrastructure/Maintenance

Cost: \$768,300

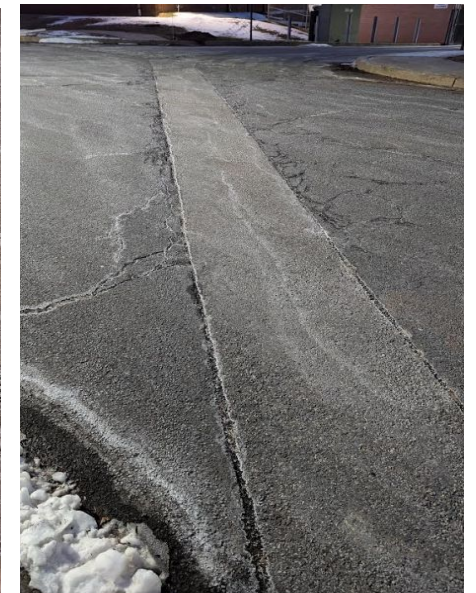
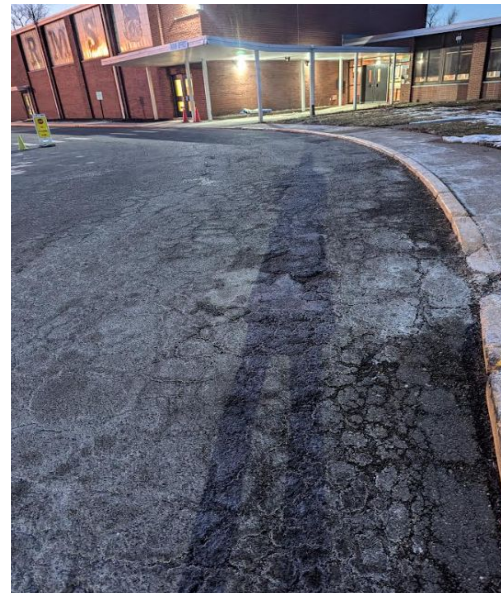
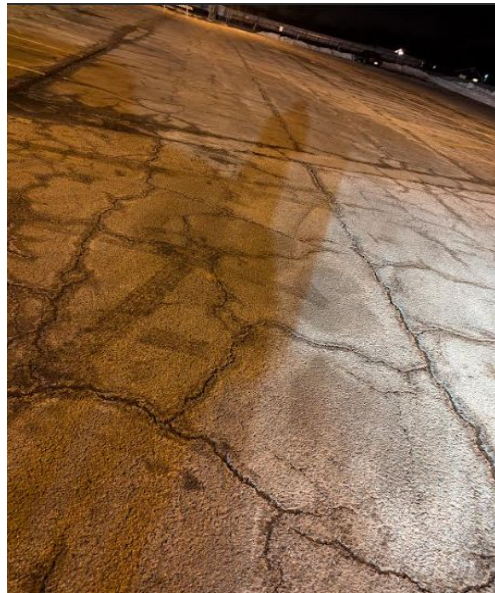
State Aid: \$0 (0%)

Need: Short Term (1-2 Years)

Start: 7/27

End: 8/27

- Most of upper lot have major cracks or are nearing failure / turning to gravel entirely
- Resurfacing or filling is not an option due to length of crack, weathering
- If not repaved including base structure, then shall become a safety concern in next 5-6 years
- Parking is inadequate, so new additional parking spots would be embedded in design
- Requested by Principals, Staff, Facilities & Architect/Engineer



RMS

REPAVE PLAYGROUND AREAS

Priority 2

Infrastructure/Maintenance

Cost: In Paving Projects

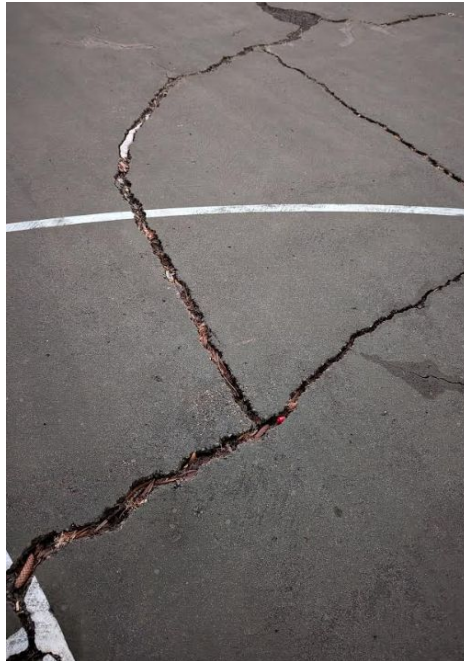
State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/27

End: 8/27

- Blacktop areas (basketball, etc.) have major cracks, worsening every year with weeds growing
- Resurfacing or filling lasts only a few months
- If not repaved including base structure, then shall become a safety concern long-term
- Requested by Principals, Facilities, Staff & Parents



RMS

INSTALL NEW PAVED PATH AT BUILDING PERIMETER

Priority 2

Infrastructure/Maintenance

Cost: In Paving Project

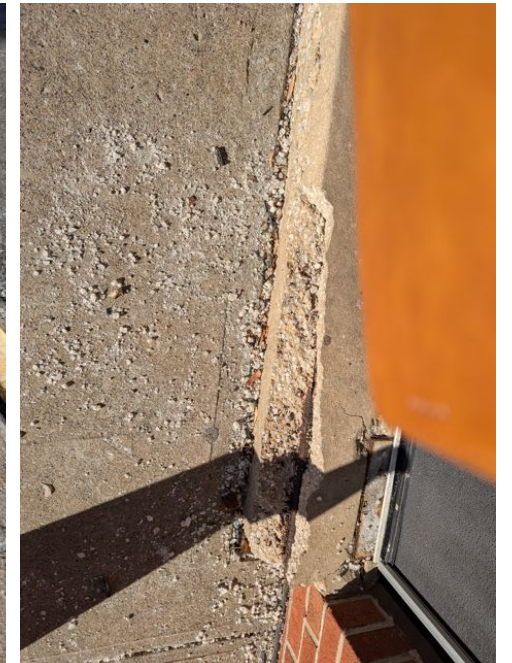
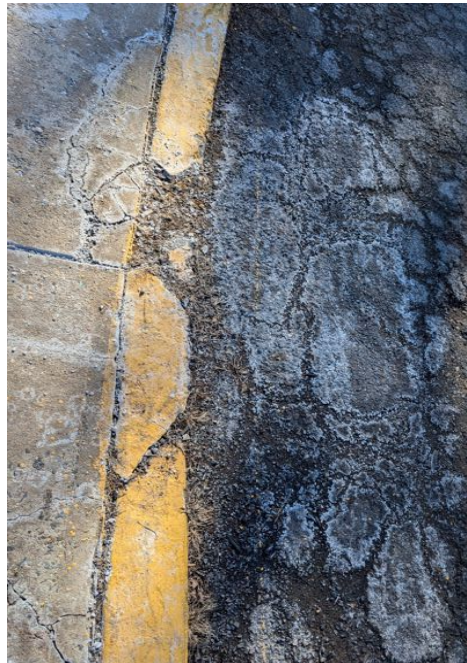
State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/26

End: 8/26

- Concrete is cracked, unlevelled or aged & path around building is gravel
- New concrete paths with handicap ramps to paving would be beneficial
- Safety would be enhanced by replacement as part of security drills & protocols
- Requested by Principals, Facilities & Architect/Engineer



RMS

REPLACE EXISTING PA SYSTEM

Priority 2

Facilities

Cost: 1,800,000

State Aid: \$612,000 (34%)

Need: Short Term (1-2 years)

Start: 7/27

End: 8/27

- Existing system is decades old, presenting challenges to integrate into IT infrastructure
- Parts & repairs are becoming more challenging to secure for maintenance
- Lack of reliable system presents a safety & security hazards and lacks sound to certain areas
- Requested by Resource Officers, Principals, Facilities, IT & Architect/Engineer



RMS

INSTALL NEW MASS NOTIFICATION SYSTEM (No. 56)

Priority 1

Facilities

Cost: In PA System

State Aid: 34% Eligible

Need: Short Term (1-2 years)

Start: 7/27

End: 8/27

- Existing system is decades old, presenting challenges to integrate into IT infrastructure
- Parts & repairs are becoming more challenging to secure for maintenance
- Lack of reliable system presents a safety & security hazards
- Requested by Resource Officers, Principals, Facilities, IT & Architect/Engineer



RMS

REKEY LOCKSETS - INTERIOR AND EXTERIOR DOORS

Priority 2

Infrastructure/Maintenance

Cost \$100,000

State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/27

End: 8/27

- Replacement of existing locksets with master keys due to age and consolidation of keys
- New locksets would eliminate old security protocols, establish new modern protocols
- Shall enhance safety and security for first responders and custodial/maintenance personnel
- Requested by Principals & Facilities



RMS

INSTALL NEW EMERGENCY BACKUP GENERATOR

Priority 1

Facilities

Cost: \$644,800

State Aid: \$219,232 (34%)

Need: Long Term (6+ years)

Start: 7/28

End: 8/28

- Frequent loss of power to district school buildings, resulting in early dismissal or cancellation
- Impacts student learning such as relocation of students, no water for bathrooms & lunch
- Can cause damage to equipment and machinery, and unnecessary safety risks to staff/students
- Requested by Administration & Architect/Engineer



Education & Student Centered Projects

RMS

RENOVATE RECESS FIELDS

Priority 1

Student Experience

Cost: \$325,000

State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/27

End: 8/27

- Recess fields have not undergone a significant renovation in decades
- Heavily utilized by school district, Township (recreation), and outside groups
- Would directly benefit students for the long-term for fitness and wellness
- Could include pickleball & basketball courts, gaga pit, and other aspects community to use for free outside of school hours and weekends
- Requested by Principals & Staff



RMS

NEW ATHLETIC TRACK

Priority 1

Student Experience

Cost: \$837,720

State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/27

End: 8/27

- Existing track is gravel and utilized frequently by large RMS sports teams (100+ students) and local residents. Renovation would allow for track meets to be held in district
- Upkeep of gravel and holes from weather require frequent maintenance, cause tripping hazards
- This would be for track only, not turf field and would benefit track meets and community
- Requested by Principals, Administration, Facilities & Staff



RMS

RENOVATE MEDIA CENTER (No. 13)

Priority 2

Student Experience

Cost: \$350,000

State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/27

End: 8/27

- Media center/library are significantly aged with no exterior light and unwelcoming atmosphere
- Does not meet the needs of a 21st century learning environment or technology
- Encompasses a large portion of the building which could be utilized better for students/staff
- Requested by Principals, Administration & Staff



RMS

NEW WINDOW TREATMENTS

Priority 2

Facilities

Cost \$400,000

State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/26

End: 8/26

- Window treatments are older style and showing age, with some metal blinds bent
- Cost reflects replacing all in building, & blinds are required for security measures
- Interior window blinds can be replaced for fraction of costs compared to external blinds
- Requested by Principal, Staff & Facilities



RMS

NEW FURNITURE AT INSTRUCTIONAL SPACES

Priority 2

Student Experience

Cost: \$500,000

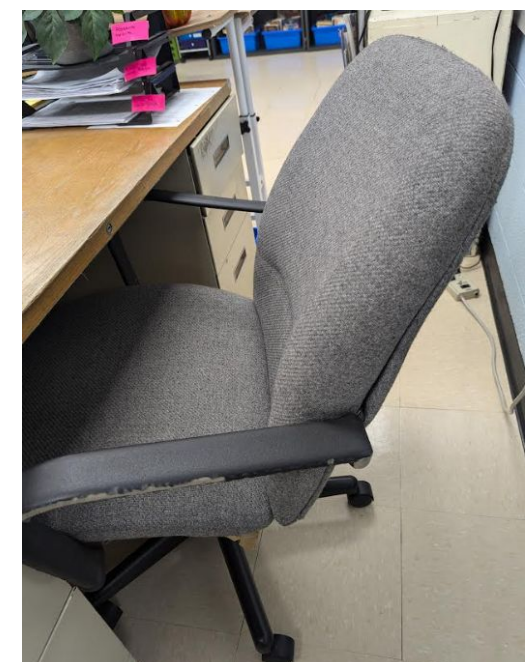
State Aid: \$170,000 (34%)

Need: Long Term (6+ years)

Start: 7/26

End: 8/26

- Existing furniture is original to building or significantly aged
- Furniture in middle school has more wear and tear than elementary furniture
- New furniture would be beneficial to both staff and students
- Requested by Principals & Staff



Not In Referendum

But

Being Accomplished

Through Other Means

RMS

FLOORING - RM 201

Priority 2

Facilities

Cost: Reserves / Surplus

State Aid: \$0 (0%)

Need: Short Term (1-2 years)

Start: 7/26

End: 8/26

- Repair of crack in existing flooring and install new LVT flooring
- Flooring is asbestos tiles and needs to be removed long-term
- Safety and air quality benefits
- Requested by Principals & Staff



RMS

REFINISH WOOD STAGE AT CAFETORIUM

Priority 2

Student Experience

Cost: Cafeteria Funds

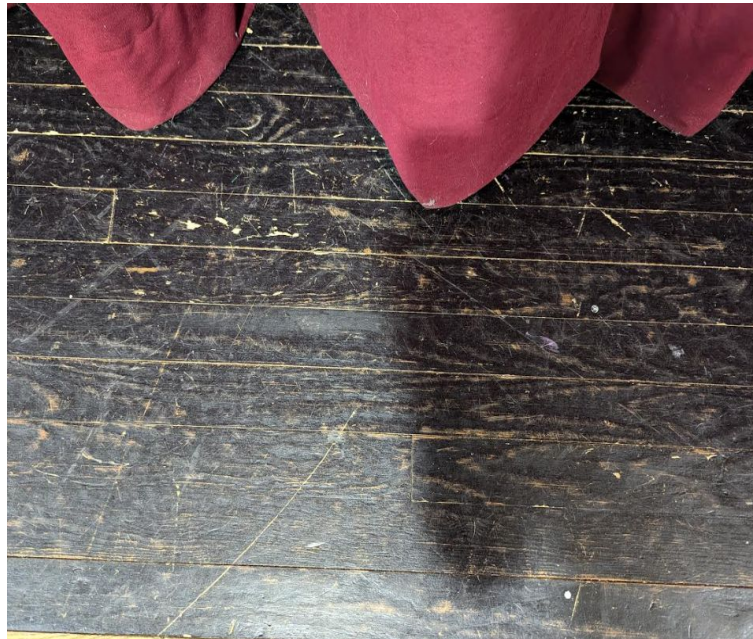
State Aid: \$0 (0%)

Need: Long Term (6+ years)

Start: 7/26

End: 8/26

- Refinishing floor shall prolong life, and shall refreshen visual appeal
- Stage is utilized for performing arts, announcement, professional development and other
- Outside groups rent the space so community aspect
- Requested by Principals, Staff & Facilities



RMS

REPLACE EXISTING WIRELESS ACCESS POINTS FOR INTERNET

Priority 1

Facilities

Cost: Federal E-Rate

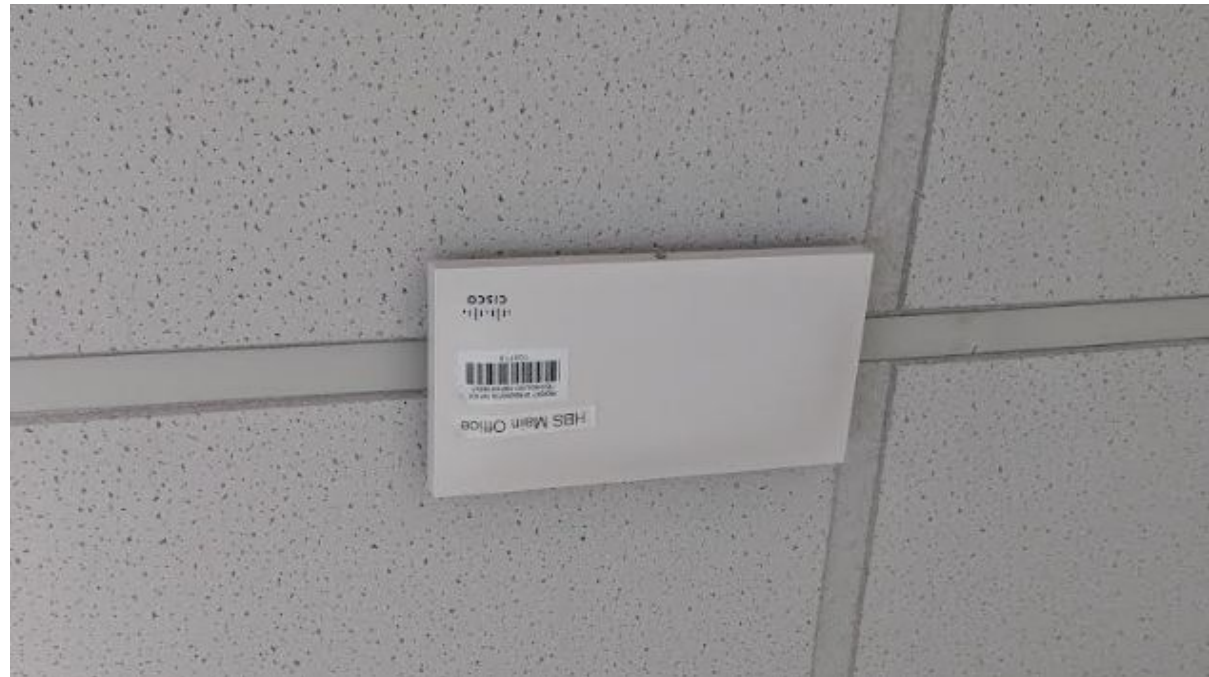
Federal Aid: 40% Eligible

Need: Short Term (2-3 years)

Start: 7/27

End: 8/27

- Existing Classroom Access Points are end of support 2026
- License extensions needed to maintain functionality and support
- Reliability and coverage of internet is critical for student learning in 21st century
- Requested by IT



RMS

NEW NETWORK SWITCHES

Priority 1

Facilities

Cost: Federal E-Rate

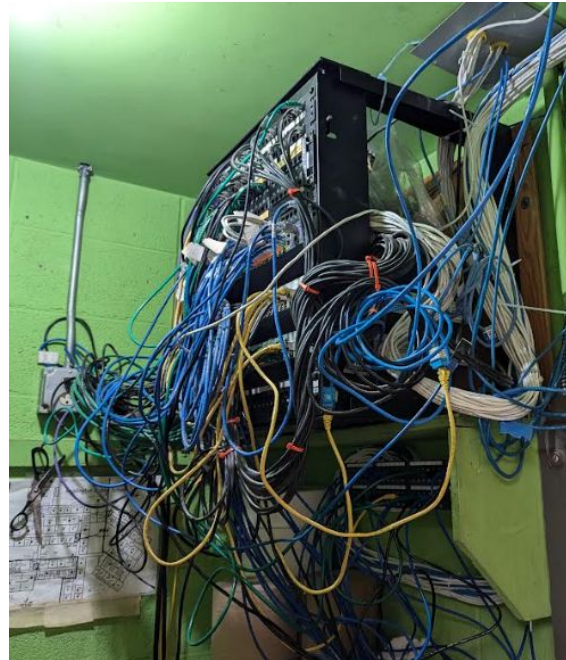
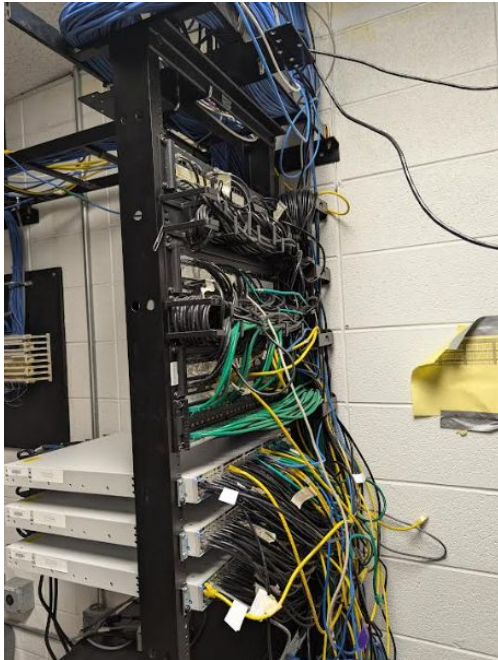
Federal Aid: 40% Eligible

Need: Short Term (2-3 years)

Start: 7/27

End: 8/27

- Existing network switches are nearing end-of-life
- Lack of system support due to age shall expose IT security vulnerabilities
- Reliability and coverage of internet is critical for student learning in 21st century
- Requested by IT



Summary

Referendum Projects	Referendum		State
Readington Middle School (RMS)	Projects		Aid
	\$13,550,967		\$3,661,782
Project	Cost	34% State Aid Eligible?	State Aid
REPLACE CLASSROOM UNIT VENTILATORS (HVAC)	\$1,183,000	Yes	\$402,220
REPLACE 2004 HVAC ROOF TOP UNITS	\$780,000	Yes	\$265,200
INSTALL NEW EMERGENCY BACKUP GENERATOR	\$644,800	Yes	\$219,232
REPLACE FEDERAL PACIFIC ELECTRICAL EQUIPMENT	\$650,000	Yes	\$221,000
REPLACE EXISTING FIRE ALARM SYSTEM	\$783,647	Yes	\$266,440
RENOVATE RECESS FIELDS	\$325,000	No	
INTEGRATED BUILDING MANAGEMENT SYSTEM	\$1,573,000	Yes	\$534,820
NEW ATHLETIC TRACK	\$837,720	No	
REPLACE EXISTING BOILERS AT NEW WING (2004)	\$877,500	Yes	\$298,350
REPAVE AT SCHOOL	\$768,300	No	
ROOF REPLACEMENT - FRONT GYM (BUR ROOF)	\$625,000	Yes	\$212,500
REPLACE 2004 HVAC ROOF TOP UNITS FOR ROOM 203	\$75,000	Yes	\$25,500
REPLACE 2004 HVAC ROOF TOP UNITS FOR 500 WING	\$250,000	Yes	\$85,000
2004 ADDITION - EXISTING UNIT VENTILATOR CONDENSERS	\$728,000	Yes	\$247,520
ROOF REPLACEMENT - 400 WING (BUR ROOF)	Contingency	Yes	34% Eligible
REPLACE 2004 HVAC ROOF TOP UNITS MEDIA CENTER	Contingency	Yes	34% Eligible
REPLACE 2004 HVAC ROOF TOP UNITS FOR CAFETERIA	Contingency	Yes	34% Eligible
REPLACE 2004 HVAC ROOF TOP UNITS - NEW WING	Contingency	Yes	34% Eligible
REPAVE PLAYGROUND AREAS	In Paving	No	
REPLACE EXISTING PA SYSTEM	\$1,800,000	Yes	\$612,000
REKEY LOCKSETS - INTERIOR AND EXTERIOR DOORS	\$100,000	No	
INSTALL NEW PAVED PATH AT BUILDING PERIMETER	In Paving	No	
REPLACE CLASSROOM AIRDALE UNITS	\$300,000	Yes	\$102,000
RENOVATE MEDIA CENTER	\$350,000	No	
NEW WINDOW TREATMENTS	\$400,000	No	
NEW FURNITURE AT INSTRUCTIONAL SPACES	\$500,000	Yes	\$170,000
NEW WINDOW/DOOR SHADES/BLINDS	In Treatments	No	