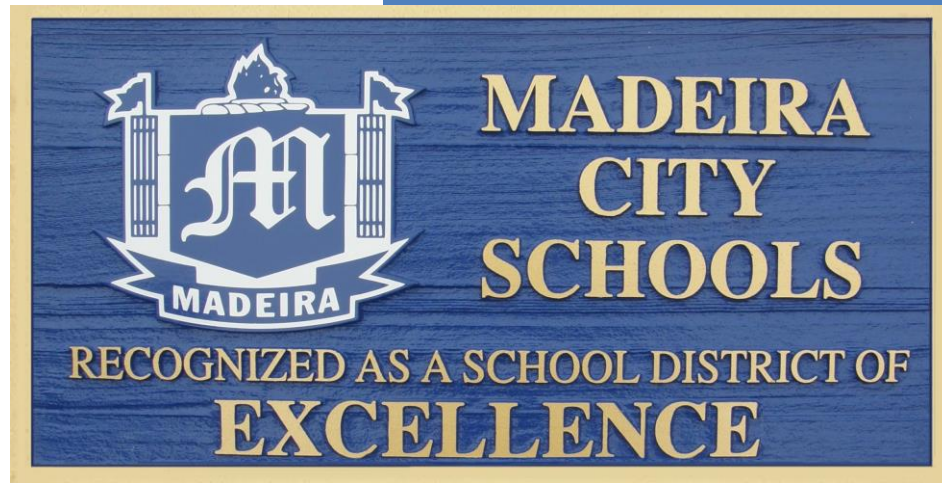


Madeira City Schools



Permanent Improvement Strategy – 2010 & Beyond



The Madeira City School District's long-term facility plan focuses on three priorities – academic excellence, maintenance of resources, and communication. Over the next 5-20 years, we are committed to managing resources that will strategically be used to care for our school buildings. Our tradition of excellence in education must include proactive planning to ensure our facilities remain great learning environments for students.

Madeira City Schools

Permanent Improvement Strategy

2010 & Beyond

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Guiding Principles for District Facilities:

- Provide safe and clean facilities conducive to learning
- Maintain existing facility resources through preventative maintenance
- Include replacement and maintenance methods that are energy efficient
- Strategically align resources to long range planning
- Communicate and revisit needs

The intention of this strategy and document is to continually revisit and refine our priorities and needs within the district on an annual basis. Through proactive planning and continued re-examination, our district facilities and resources will be maintained for future Madeira students.

Madeira City Schools

Permanent Improvement Strategy

2010 & Beyond

2000-2020 Decades of Success in Facility Improvements in Madeira

- **2005 - Construction of new Madeira Elementary School to replace Dumont Elementary**
- **2005 - Construction of new Madeira Middle School to replace Sellman Middle School**
- **2005 - Renovation of Madeira High School**
- **2006-2007 Continued Permanent Improvements (PI)**
 - MHS - Walk-in Cooler
 - MHS - Replacement of gym backboards
 - MHS – Turf Stadium Project – Madeira Stadium Renovation Project (MSRP) Private Donation / City Donation
- **2007-2008 Continued Permanent Improvements (PI)**
 - MHS - Guidance roof – Permanent Improvement - PI Fund
 - MHS - Gymnasium insulation, lights, exhaust fan – PI Fund
 - MHS – Renovation of Commons restroom – PI Fund
 - MHS - Repaired gym door hardware (10 doors)
 - MHS - Backflow prevents at MHS Stadium
 - MMS - Landscaping of front of building
 - MES - Parking lot drainage
 - MES – Security Camera to monitor rear of building
 - BOE – Renovation of Administrative office – PI Fund
- **2008-2009 Continued Permanent Improvements (PI)**
 - MHS – Stadium Home Concession Stand / Entry Way – MSRP Private Donation
 - MHS - Exterior trim paint wing walls / canopies
 - MMS - Bus pick up area-add concrete
 - MMS Bleacher End Curtains
 - MES / MMS - Gym backboard safety straps
 - MES - 2nd floor exhaust fan
 - MES - Parking lot drainage
 - MES - Landscaping of front of building
 - BOE - District van, Lift gate for truck – PI Fund
 - BOE - Administrative offices-paint/carpet/entry doors/men’s restroom door/electrostatic paint file cabinets, change locks
- **2009-2010 Continued Permanent Improvements (PI)**
 - MHS - Energy Audit – Private Energy Donation
 - MHS - Back gym lighting/wrestling room – Private Energy Donation
 - MHS – Parking Lot
 - MHS – Stadium Visitor Concession Stand / Restrooms – MSRP Private Donation
 - MHS - Geothermal Installation at Commons Building – Private Energy Donation
 - MES / MMS / MHS – Lighting Reductions – Private Energy Donation
 - MES / MMS - Occupancy sensors in classrooms – Private Energy Donation
- **2010-2011 Continued Permanent Improvements (PI)**
 - MHS – North & South Gym Roofs – PI Fund
 - MHS – Gymnasium Main Door Entrance
 - MHS – Gym Storage Doors / South Gym Painting & Locker Rooms

- **2011-2012 Continued Permanent Improvements**
 - MHS – Roof Replacement: North Gym, South Gym
 - MHS – Exterior Gym Doors
 - MHS – Auditorium Improvements
 - MHS - Backup Generator (servers, PA, telephones)
 - BOE - HVAC Replacement
 - MMS – Baseball Infield Sprinkler System
 - MHS – Electrical Upgrades: old circuit panel replacement

- **2012-2013 Continued Permanent Improvements**
 - MHS - Roof Replacement: Center Academic Wing
 - MHS – Roof Replacement: Locker Rooms
 - MHS – Roof Replacement: West Academic Wing
 - MHS – Door Replacement: Math wing w/ ramp and security entrance
 - MHS – Athletic Field Lightning Detection System
 - ALL – Security Camera Door Entrance System

- **2013-2014 Continued Permanent Improvements**
 - ALL – Expanded Security Cameras
 - MHS – Media Center Renovation
 - MHS – Guidance Hallway HVAC
 - MHS – Gym Boiler Replacement

- **2014-2015 Continued Permanent Improvements**
 - MHS – Gym Wall Safety Pad Replacement
 - MHS – Parking Lot Sealing & Restriping
 - MES – Parking Lot Sealing & Restriping
 - MES – Playground Resurfacing Improvements
 - MHS – PLC Courtyard Renovation

- **2015-2016 Continued Permanent Improvements**
 - MMS – Parking Lot Sealing & Restriping
 - MHS – Bathroom Replacement: 2 at the “T”
 - MMS & MES – Additional Security Cameras Added
 - MMS – Additional Student Lockers Added
 - MHS – Door Replacement: Exterior Band Doors

- **2016-2017 Continued Permanent Improvements**
 - MHS – Athletic Fitness Center Addition - private donations through MSF
 - MHS – Fitness Center Security Cameras
 - MHS – Fencing / Landscaping: East Side partner w/ residents
 - ALL - LED Lighting Retro Fit
 - MHS – Roof Replacement: East Wing & BOE
 - BOE – Door Replacement: Exterior Doors
 - MHS – RR Replacement: 4 Student Sets & Staff
 - BOE – RR Remodel
 - ALL – Van Replacement (Two)

- **2017-2018 Continued Permanent Improvements**
 - MHS – Tennis Court Resurface (four) - partner w/ Swim Club
 - MES – Large Playground Resurface - partner w/ MES PTO
 - MHS – Intercom / PA System Replacement
 - MHS – Awning Walkway Rubber Overlay
 - MHS – RR Boys Remodel
 - MHS – Auditorium General Light LED Conversion

- **2018-2019 Continued Permanent Improvements**
 - BOE – Maintenance Office
 - MHS – Stadium Turf Replacement, partner w/ City
 - ALL – Update Building Signage
 - MHS – Stadium Track
 - MES – Reseal Building Parking Lot

- **2019-2020 Continued Permanent Improvements**
 - ALL – Office & Classroom Phone Replacement Cycle
 - MES & MMS – Update Intercom System
 - PK – Sprinkler System & Water Flow Switch Install
 - MMS – Reseal and Repair Parking Lot
 - ALL – Door Security System and Server Replaced & Upgraded
 - MHS – Door Accessibility Added: RR, PLC & Theater Entrance

- **2020-2021 Continued Permanent Improvements**
 - MHS – Renovation: Auditorium, Cafeteria, Kitchen, Art Room, Band Room
 - MHS – Addition: Band Storage Room, Multipurpose Classroom
 - MHS – HVAC Rooftop Unit Replacements - PI & ESSER Funding
 - MHS – Roof Replacement: Athletic Entrance, Fine Arts Wing
 - MES – Modular Units Adding Four Classrooms
 - MHS & MMS – Additional Security Cameras Added
 - MHS – Additional RR Access for Life Skills Classroom

- **2021-2022 Continued Permanent Improvements**
 - MHS – Reseal & Repair Parking Lot
 - Swim Club Partnership - Bathroom Access added for Tennis
 - MES – New Parking Lot
 - MHS – New Entrance to Cafeteria & Front Paver Replacement
 - MHS – Athletic Area Improvements: Paint & Signage

- **2022-2023 Continued Permanent Improvements**
 - MES – Two story addition w/ 12 classrooms, library, band, music & STEAM classroom (Bond Issue)
 - MHS – Resurfaced back gym floor (Athletic Boosters)
 - MHS – HVAC added to both gyms (COVID funds)
 - MHS – Athletic areas painted: gyms, wrestling room
 - MMS – Handicap accessible ramp added to baseball / track area
 - MES – Gym curtain divider added

- **2023-2024 Continued Permanent Improvements**
 - MHS – Athletic locker room renovation
 - MES – Resurfaced and restriped parking lots
 - ALL – Ballistic film added to all main external windows (Safety Grant)
 - ALL – Security cameras replaced, and additional views added (Safety Grant)
 - MES – Speed Bump Install (Safety Grant)
 - MHS – Pipe repair, sinkhole fill, and track repair

PI Projects Needing Attention in Next 5 Years (2021-2026)

Bldg	Permanent Improvement Projects	Age of Equipment	Project Date	Estimated Costs / Funding Source
Tennis	Additional Doors for RR Access at Tennis Courts		Sept 2021	\$8,340
MHS	Reseal Building Parking Lot	5 yrs.	June 2022	\$6,000
MES	Additional Parking Lot		June 2022	\$300,000
MHS	New Entrance / Exit from Cafeteria to Parking Lot		June 2022	\$20,000
MMS	Accessible Ramp to Track		Fall 2022	\$20,000
MES	Building Addition (classrooms, media center, music)		June 2022	\$7,500,000 / (Bond)
MES	Gym Divider		Winter 2023	\$15,000
MHS	HVAC Upgrade: MHS Main Gym, Small Gym		Summer 2023	\$600,000 / ESSER Funding
MHS	Paint Gym Ceilings & Walls		Summer 2023	\$115,000
MHS	HS Rubber Gym Floor Replacement	50 yrs.?	June 2023	\$73,500
MHS	Athletic Room Renovation		June 2024	\$2,700,000
MES	Reseal & Paint Existing Drive & Lot		June 2024	\$16,725
MHS	PLC Courtyard Revamp		Dec 2024	TBD
MHS	HS Gym Bleacher Replacement		June 2025	\$250,000
MHS	HS Main Gym Floor (New / Sand & Paint)	30 yrs.	June 2025	\$275,000
MMS	MHS Baseball Field Turf Installation	10 yrs	Nov 2024	\$460,000
MHS	Scoreboard replacement (gym & field)		June 2025	\$75,000
MHS	Stadium Field Lighting Replacement (LED)	30 yrs.	June 2025	\$250,000
BOE	Maintenance Van Wrap		June 2025	\$5,000
BOE	Stake bed Truck replacement: box truck w/ lift gate	15 yrs.	June 2025	\$75,000
MHS	Classroom Window Blind Replacement		June 2025	TBD
ALL	Student Furniture Replacement Cycle (Annual)			\$100,000 (\$20,000 each year)

PI Projects Needing Attention in Next 5-10 Years (2026-2031)

Bldg	Permanent Improvement Projects	Age of Equipment	Project Date	Estimated Costs / Funding Source
MMS	MHS Baseball Dugouts & Backstop		June 2026	\$400,000
MHS	Roof Replacement – English Hallway	20 yrs.	June 2025	\$35,000
MES / MMS	VCT Floor Replacement	32 yrs.	June 2026	\$200,000
MES	PreK & K-4 Playground equipment & surface	20 yrs.	June 2026	\$150,000
MES / MMS	Flat Roof Replacement – All of MES / MMS	20 yrs.	June 2026	\$288,000
MHS	Blacktop Replacement	24 yrs.	June 2030	\$200,000
MES / MMS	HVAC Replacement – air handlers, chillers, pumps	24 yrs.	June 2030	\$700,000
MHS	Roof Replacement – Media Center	22 yrs.	June 2030	\$56,000
MES / MMS	Emergency Generator Replacement (2)	24 yrs.	June 2030	\$150,000
MHS	Science Room Renovations, Additional Classrooms & Athletic Entrance (potential bond issue)		June 2029	\$10,000,000
ALL	Student Furniture Replacement Cycle (Annual)			\$100,000 (\$20,000 each year)

PI Projects Needing Attention in Next 10-15 Years (2032-2037)

	Bldg	Permanent Improvement Projects	Age of Equipment	Project Date	Estimated Costs / Funding Source
	ALL	Carpet Replacement	20 yrs.	June 2032	\$100,000
	MHS	Roof Replacement – West/Center/Locker Rooms	20 yrs.	June 2033	\$125,000
	MES / MMS	Door Replacement	30 yrs.	June 2036	\$200,000

PI Projects for Consideration

	Building	Permanent Improvement Projects	Estimated Timeline / Project Date	Estimated Costs / Funding Source
	MHS	Home Economics Upgrades (refrigerators, garbage disposals, dishwasher)		\$15,000
	ALL	Security System Update / Monitoring		\$100,000 Safety Grant
	MHS	Basketball Backboard Replacement – Back Gym		\$25,000
	MHS	Press Box Replacement / Updates		
	MHS	Window Replacement		\$500,000
	MMS	Media Center renovation		
	MHS	Outdoor Athletic Storage		\$6,000
	ALL	HVAC Controls Updates		
	BOE	Carpet Replacement		\$15,000
	MHS	Girls Softball Fencing		\$15,000
	MHS	Girls Softball Artificial Turf		

*2021-2022: Transitioned from purchasing technology annually through a lease purchase agreement to purchasing technology directly according to Madeira's technology replacement schedule.