



DUDLEY-CHARLTON REGIONAL SCHOOL DISTRICT

2021-2026 CAPITAL PLANNING

Presented by: Dudley-Charlton Regional School District

MASON ROAD SCHOOL

- Built: 1963 (original); addition/renovation 2000
- Square footage: 39,118; original 19,768, addition 19,350
- Acreage: 28
- Capacity: 309
- Paved Parking Spaces: 66 (including 5 disability spaces)
- Oil Tank: 12,000 gallons, double wall steel, 1999
- Propane Tank: None
- HVAC: Forced hot water. AC Unit in some offices
- Boiler: HB Smith Model 28A-7
- Fuel Type: Natural gas





Mason Road	- Capital and	Impr	ovement	S							
Project		202	21-2022	20	2022-2023		2023-2024		24-2025	2025-2026	Bond Issuance
Operating Budget											
Repair Concrete sidewalks		\$	9,500								
Roof Repair over the interior "ramp"		\$	15,000								
Repair and seal chimney for boiler				\$	5,000						
Replace Exterior Door #8				\$	10,000						
Replace cafeteria tables				\$	6,000						
Additional Security cameras						\$	6,000				
New mulch for playground				\$	3,500						
ADA compliant walkway for playground						\$	10,000				
Continuing roof repairs						\$	8,000				
New window blinds/shades for the school						\$	5,000				
Parking lot repairs								\$	25,000		
	Subtotal	\$	24,500	\$	24,500	\$	29,000	\$	25,000	\$	- \$

Town funded Capital Projects							
Floor work - replace carpets with tile	\$	65,000					
Renovate Restrooms			\$ 50,000				
Cafeteria windows - replace windows with bad seals				\$ 30,000			
Replace main fire panel							
	Subtotal \$	65,000	\$ 50,000	\$ 30,000 \$	- \$	- \$	-

Bonded capital project							
Building envelope - brick work						\$	150,000
Repair/replace roof						\$	700,000
Replace boilers						\$	125,000
Fire Alarm Panel and Devices						\$	65,000
Architectural Review						\$	25,000
Communication and Cameras						\$	35,700
Classroom A/C units							
	Subtotal \$	- \$	- \$	- \$	- \$	- \$	1,100,700

Mason Road - C	Capital and In	nprovement	ts								
Project		2021-2022	2022	2-2023	20.	23-2024	20	24-2025	2025-2026	Во	nd Issuance
Part of Districtwide planning											
Replace Intercomm and phone system											
Storage											
Additional traffic lane on side of building - working with	town										
	Subtotal										
Grand Total	\$	89,500	\$	74,500	\$	59,000	\$	25,000	\$	- \$	1,100,70
Overall Total - all columns										\$	1,348,70

DUDLEY ELEMENTARY SCHOOL

- Built: 1957 (original); addition/renovation 2000
- Square footage: 54,000; original 43,363, addition 10,637
- Acreage: 50.17
- Capacity: 389
- Paved Parking Spaces: 72 (including 3 disability spaces)
- Oil Tank: 12,000 gallons, double wall steel, 1999
- Propane Tank: None
- HVAC: Forced hot air. 3 Air Handlers. Two mini splits.
- Boiler: 28A HB Smith
- Fuel Type: #2 fuel oil



Project		202	1-2022	2	022-2023	2	023-2024	20	24-2025	20	025-2026	Bond Issuance
Operating Budget												
Repair Concrete sidewalks		\$	10,000	\$	10,000							
Renovate Restrooms - sinks and stalls						\$	25,000					
Repair Masonry Façade				\$	15,000							
Replace cafeteria tables								\$	7,000			
Additional Security cameras								\$	4,000			
Generator Service								\$	5,000			
Replace water fountains with bottle fillers								\$	3,600			
Landscaping								\$	3,000			
Mulch for playground		\$	2,500									
Playgound Accessibility										\$	15,000	
New tractor								\$	4,000			
Roof repairs		\$	10,000									
Window Calking and glass replacement										\$	10,000	
	Subtotal	\$	22,500	\$	25,000	\$	25,000	\$	26,600	\$	25,000	\$
Town funded Capital Projects												
Floor work - replace carpets with tile		\$	60,000									
Touch Screen Chromebooks		\$	30,000									
Laptops for teachers				\$	50,000							
Ipad Lab and carts				\$	25,000							
Smoke Detetector Rreplacement						\$	100,000					
Replace Carpets								\$	35,000			
	Subtotal	\$	90,000	\$	75,000	\$	100,000	\$	35,000	\$	-	\$

\$

Dudley Eler	n - Capital and Improve	ments						
Project	2021-20	22 2022	-2023 20)23-2024	2024-2025	2025-2026	Bon	d Issuance
Repair/replace roof							\$	700,000
Replace boilers							\$	125,000
Cameras and Communication							\$	35,700
Architectural review							\$	25,000
Fire Alarm Panels and Devices							\$	85,000
	Subtotal \$	- \$	- \$	- \$	-	\$-	\$	1,120,700

Dudley Elei	n - Capital and II	mprovement	S							
Project		2021-2022	2022-20	023	2023-2024	2024	-2025	2025-202	6	Bond Issuance
Part of Districtwide planning										
Replace Intercomm and phone system										
Storage										
	Subtotal									
Grand Total		§ 112,500	\$ 10	0,000	\$ 125,000	\$	61,600	\$ 25,	000	\$ 1,120,70
Overall Total - all columns										\$ 1,544,80

CHARLTON ELEMENTARY SCHOOL

- Built: 1958 (original); addition/renovation 1989
- Square footage: 55,531; original 28,818, addition 26,713
- Acreage: 7.1
- Capacity: 495
- Paved Parking Spaces: 82 (including 4 disability spaces)
- Oil Tank: 12,000 gallons, double wall steel, 1988
- Propane Tank: 120 lb. tank (generator)
- HVAC: Forced hot water. 3 RTU AC w/ electric heat in some areas.
- Boiler: HB Smith 28 series and Weil Mclain Series 2
- Fuel Type: #2 fuel oil



Project		202	1-2022	202	22-2023	2	023-2024	20	24-2025	202	25-2026	Bond Issuance
Operating Budget												
Update pneumatic thermostats		\$	5,000									
Renovate Restrooms -		\$	10,000							\$	25,000	
Roof Repair at Entryway						\$	8,500					
Cut Overgrowth back at treeline						\$	7,500					
Drywall Repairs at main entryway						\$	4,500					
Replace oil pumps for boilers						\$	6,500					
Replace Domestic hot water heater				\$	18,000							
Reconfigure Underground Storage Tank Cap				\$	7,500							
Retile Art and nurses rooms								\$	20,000			
Additional Security cameras		\$	10,000									
Replace main hot water mixing valve in boiler room										\$	25,000	
Remove old well equipment										\$	15,000	
	Subtotal	\$	25,000	\$	25,500	\$	27,000	\$	20,000	\$	65,000	\$

Town funded Capital Projects						
Floor work - replace carpeting original from 1988	\$	100,000				
Floor work - replace carpeting Room 210,212,214			\$ 30,000			
Rebuild Walk-in Freezer			\$ 50,000			
Remodel Tiles/lights - no suspended ceiling				\$ 50,000		
14 new classrom furniture sets					\$ 100,000	
Replace Entryway doors						\$ 45,000
Replace tile flooring in cafeteria						\$ 40,000
Upgrade Fire Alarm panel and devices						\$ 55,000
Upgrade kitchen equipment				\$ 40,000		
	Subtotal \$	100,000	\$ 80,000	\$ 90,000	\$ 100,000	\$ 140,000 \$

Bonded capital project	
Building envelope - brick work & waterproofing	\$ 220,00
Repair/replace roof	\$ 250,000
Replace boilers	\$ 125,000
Repave parking lots	\$ 250,000
Add Air Conditioning to entire school	\$ 400,000
Playground ground cover changed to rubber surface	\$ 175,000
Asbestos Removal - TBD	

Charlton Elem - Cap	ital and Im	provement	ts						
Project	2	021-2022	2022-2023	2023-2024		2024-2025	2025-2026	Во	nd Issuance
Cameras and Communication								\$	35,700
Architectural Review								\$	25,000
:	Subtotal \$	-	\$	- \$	- \$	-	\$	- \$	1,480,700

Charlton Elem -	Capital and	Improvemen	nts									
Project		2021-2022	2022	-2023	202	3-2024	20	24-2025	20	25-2026	Во	nd Issuance
Part of Districtwide planning												
Replace Intercomm and phone system												
Storage												
	Subtotal											
Grand Total		\$ 125,000	\$	105,500	\$	117,000	\$	120,000	\$	205,000	\$	1,480,70
Overall Total - all columns											\$	2,153,20

HERITAGE SCHOOL

- Built: 1989
- Square footage: 78,000
- Acreage: 85, plus 48 acres shared with Charlton Middle School
- Capacity: 675
- Paved Parking Spaces: 169 (including 5 disability spaces)
- Oil Tank: 10,000 gallons, double wall steel, with alarm system, 1988
- Propane Tank: Two 1,000 gallon tanks
- HVAC: Forced hot water. Central AC.
- Boiler: HB Smith (2)
- Fuel Type: #2 Fuel Oil



Heritage School -	Capital ar	nd Imj	proveme	nts									
Project		202	21-2022	2	022-2023		2023-2024	2	024-2025	2	2025-2026	Bond	lssuance
Operating Budget													
Repair skylight leaks		\$	5,000										
Replace windows with failed seals				\$	25,000								
Resurface gym floor		\$	20,000										
Paint upper section of gym wall						\$	4,000						
Clean and repaint foyer ceiling						\$	4,000						
Loam and seed upper soccer field						\$	6,000						
Replace 1000 gallon propane tanks (2)						\$	12,000						
Replace Exit Doors								\$	9,000				
Town funded Conital Designate													
Town funded Capital Projects Tower Water Tank		\$	50,000										
Exterior Door replacement		Ψ	50,000	\$	28,800								
Replace sections of concrete sidewalks				Ψ	20,000	\$	30,000						
Restroom updates				\$	50,000	Ψ	30,000						
Roof Repairs				Ψ	50,000	\$	30,000						
Replace asphalt at playground area						Ψ	30,000	\$	35,000				
Front entry - roof, draininage and ADA compliance								Ψ \$	27,000				
Sections of asphalt driveway from front of building to ea approximately 250 ft	ist driveway							Ψ	27,000	¢	55,000		
Carpet replacement										\$ \$	30,000		
										¥	00,000		
	Subtotal	¢	50,000	¢	78,800	¢	60,000	\$	62,000	\$	85,000	\$	

Bonded capital project	
Replace heat pumps (50 @ \$9,000 each)	\$ 450,000
Exterior brick work including sealing	

Heritage School - Capito	al and Improven	nents					
Project	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Bon	d Issuance
Comprehensive solution to outdoor air concerns in building							
Cooling tower replacement						\$	200,000
Paint standing seam roof						\$	120,000
Cameras and Communications						\$	35,700
Architectural Review						\$	25,000
Sub	total \$	- \$	- \$	- \$ -	\$	- \$	830,700

	- Capital and						
Project		2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Bond Issuance
Part of Districtwide planning							
Replace phone system/intercomm							
Storage							
Cell Phone Repeater Project							
District wide Radio Communication							
	Subtotal						
	Subtotal						
Grand Total		\$ 75,000	\$ 103,800	\$ 86,000	\$ 71,000	\$ 85,000	\$ 830,700

SHEPHERD HILL REGIONAL HIGH SCHOOL

Building Specifications...

- Built: 1973
- Square footage: 197,000
- Acreage: 96 (shared with Dudley Middle School)
- Capacity: 1,302
- Paved Parking Spaces: 350 (including 16 disability spaces)
- Oil Tank: 15,000 gallons, double wall steel, 1973 (removed 2006)
 500 gallons, double wall steel, 1973 (removed 2006)

15,000 gallons, double wall steel, 2006

- Propane Tank: Two 100 lb. tanks
- HVAC: Forced hot water. Individualized AC units.
- Boiler: Cleaver Brooks, Hot water Numatics
- Fuel Type: #2 Fuel Oil



Shepherd Hill Capito		-			
Project	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Fire Alarm Switches					
Card reader door system (4-entry)	\$12,500.00				
Vestibule reconfigure Main Office Entry					
Window Repairs		\$25,000.00			
Parking Spaces 25-50			\$50 <i>,</i> 000.00		
TerraKing Attachment				\$5,000.00	
Parking Lot (complete)					
Update Radios 5 additional	\$5 <i>,</i> 000.00				\$5,000.00
Video Internal System Server -reconfigure	\$16,000.00				
Cell Coverage upgrade	\$56,000.00				
Pneumatic System Upgrade Boiler System		\$25,000.00			
Back Up Generator Add phones, PA, fridge					
Outside Video -add one and replace others					
AC - Library & Auditorium					
ATHLETICSProject	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
Gym - Floor refurbish 1x then replace 2026	\$16,000.00				
Gym Scoreboard					
Locker Room Showers					
Basketball Winch System		\$15,000.00			
Weight Room Addition	\$10,000.00				
Tennis Courts					
Baseball and Softball Field Maintenance		\$10,000.00			
Track Maintenance					
Turf Field - rug replacement					
Turf Field - rug replacement Fields (Baseball ect)	\$10,000.00		\$10,000.00		\$10,000.00
			\$10,000.00		\$10,000.00
Fields (Baseball ect)	\$10,000.00 \$30,000.00		\$10,000.00		\$10,000.00
Fields (Baseball ect) Sound System - Outdoor			\$10,000.00		\$10,000.00
Fields (Baseball ect) Sound System - Outdoor Backstops Softball/Baseball		\$17,000.00	\$10,000.00		\$10,000.00
Fields (Baseball ect) Sound System - Outdoor Backstops Softball/Baseball Dugouts - Softball		\$17,000.00	\$10,000.00		\$10,000.00

Shepherd Hill Capital Projections 5-10 year

Water Fountain

Bathrooms and Septic hook up

Concession building

Storage - review and replace + add (could be part of bleachers

Project	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
Auditorium complete overhall -					
Seating					
Carpet					
Stage					
lighting review and replace					
Booth expand					
Curtain					
Rigging review replace					

15 Passenger VanSecond means of egress from campusRoof Repair + ReplaceMSBA 25th yrField Drainage System\$75,000.00District Bus #2\$60,000.00Ventrac 4500Z with Attachments\$60,000.00Dudley Campus Heavy Duty Plow & Sand Truck\$60,000.00Engineering of first floor hallway water ?\$60,000.00Oil line to boiler system - review and repair\$	Project	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
Roof Repair + ReplaceMSBA 25th yrMSBA 25th yrField Drainage System\$75,000.00District Bus #2\$60,000.00Ventrac 4500Z with Attachments\$60,000.00Dudley Campus Heavy Duty Plow & Sand Truck\$60,000.00Engineering of first floor hallway water ?*********************************	15 Passenger Van					
Field Drainage System \$75,000.00 District Bus #2 Image: System state in the system state in	Second means of egress from campus					
District Bus #2 Ventrac 4500Z with Attachments \$60,000.00 Dudley Campus Heavy Duty Plow & Sand Truck Engineering of first floor hallway water ?	Roof Repair + Replace	MSBA 25th yr	MSBA 25th yr			
Ventrac 4500Z with Attachments \$60,000.00 Dudley Campus Heavy Duty Plow & Sand Truck	Field Drainage System				\$75,000.00	
Dudley Campus Heavy Duty Plow & Sand Truck Engineering of first floor hallway water ?	District Bus #2					
Engineering of first floor hallway water ?	/entrac 4500Z with Attachments			\$60,000.00		
	Dudley Campus Heavy Duty Plow & Sand Truck					
Oil line to boiler system - review and repair	Engineering of first floor hallway water ?					
	Dil line to boiler system - review and repair					

Project Technology Infrastructure2020-20212021-20222022-20232023-20242024-2025Chromebook replacementPLTW Programming (Netbooks)ProjectorSmartBoard - or OtherPhone System (District)

Shepherd Hill	Capitc				
Project	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
Fire Alarm Switches					
Card reader door system (4-entry)					
Vestibule reconfigure Main Office Entry					
Window Repairs					
Parking Spaces 25-50					
TerraKing Attachment					
Parking Lot (complete)		\$400,000.00			
Update Radios 5 additional				\$5,000.00	
Video Internal System Server -reconfigure					
Cell Coverage upgrade					
Pneumatic System Upgrade Boiler System					
Back Up Generator Add phones, PA, fridge					
Outside Video -add one and replace others					
AC - Library & Auditorium	2025 2026	2026 2027	2027 2020	2020 2020	2020 2020
ATHLETICS Project	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Gym - Floor refurbish 1x then replace 2026					
Gym Scoreboard Locker Room Showers					
Basketball Winch System					
Weight Room Addition					
Tennis Courts					
Baseball and Softball Field Maintenance					
Track Maintenance					
Turf Field - rug replacement					
Fields (Baseball ect)					
Sound System - Outdoor					
Backstops Softball/Baseball					
Dugouts - Softball					
Dugouts baseball Shed					
Bleachers - Pressbox - Storage					
Flagpole / Moved or replaced					

Shepherd Hill Capit	tc				
Water Fountain					
Bathrooms and Septic hook up					
Concession building					
Storage - review and replace + add (could be part of bleachers					
Project	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Auditorium complete overhall -					
Seating					
Carpet					
Stage					
lighting review and replace					
Booth expand					
Curtain					
Rigging review replace					

Project	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
15 Passenger Van					
Second means of egress from campus					
Roof Repair + Replace					
Field Drainage System					
District Bus #2					
Ventrac 4500Z with Attachments					
Dudley Campus Heavy Duty Plow & Sand Truck					
Engineering of first floor hallway water ?					
Oil line to boiler system - review and repair	I				

Project Technology Infrastructure	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Chromebook replacement					
PLTW Programming (Netbooks)					
Projector					
SmartBoard - or Other					
Phone System (District)					

CHARLTON MIDDLE SCHOOL

Building Specifications...

- Built: 2000
- Square footage: 152,325
- Acreage: 48, plus 85 acres shared with Heritage School
- Capacity: 930
- Paved Parking Spaces: 204 (including 12 disability spaces)
- Oil Tank: 12,000 gallons, double wall steel, with alarm system, ? 1999/2000
- Propane Tank: Two 1,000 gallon underground tanks

One 500 gallon underground tank at pump house

- HVAC: Forced hot water. McQuay Model #E24120L1RA unit vents. BAC cooling tower Model #33341. AC in some offices and A & B Wings.
- Boiler: 3 Burnham V1119W boilers, 1999
- Fuel Type: #2 Fuel Oil



Project		20	021-2022	20	22-2023	2	023-2024	2	024-2025	2	025-2026	Bor	<mark>id Issuance</mark>
Operating Budget													
Paving along entrance		\$	18,000										
AC Compressor Repairs for Library				\$	25,000								
Repair cracks on tennis courts								\$	9,500				
Internal Cameras						\$	3,000						
Replace various Carpeted areas at B-Wing						\$	6,500						
Paving to back door walk way										\$	25,000		
Irrigiation for baseball field		\$	6,000										
New Scoreboard						\$	16,000						
New Snow thrower for tractor								\$	12,000				
	Subtotal	\$	24,000	\$	25,000	\$	25,500	\$	21,500	\$	25,000	\$	
Town funded Capital Projects													
Smoke Detector Repalcement		\$	30,000	\$	30,000								
	Subtotal	\$	30,000	\$	30,000	\$	-	\$	-	\$	-	\$	
Bonded capital project													
Repair/Replace roof												\$	4,025,00
Air quality review based on roof leaks													
Architectural Review												\$	25,00
Cameras and Communications												\$	35,70

Charlton Middle	e - Capital and I	Improvemer	nts					
Project		2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Bor	nd Issuance
Part of Districtwide planning								
Replace phone system								
Storage								
Cell Phone Repeater Project								
Cell Phone Repeater Project	Subtotal							
Cell Phone Repeater Project								
Cell Phone Repeater Project Grand Total	Subtotal \$	54,000	\$ 55,000	\$ 25,500	\$ 21,500	\$ 25,000	\$	4,085,70

DUDLEY MIDDLE SCHOOL

- Built: 2000
- Square footage: 104,000
- Acreage: 96 acres shared with Shepherd Hill Regional High School
- Capacity: 600
- Paved Parking Spaces: 155 (including 6 disability spaces)
- Oil Tank: 12,000 gallons, double wall steel, ? 1999/2000
- Propane Tank: Three 1,000 gallon tanks
- HVAC: Forced water system. Central AC / DX coil rooftop. Individualized AC ductless split units in some rooms.
- Boiler: Burnham #1 and #2 boilers
- Fuel Type: #2 fuel oil; propane Science lab, kitchen, pump house.





Dualast	Capital and Improvement 2021-2022						2022 2024		2024 2025		025 2026	Bond Issua	
Project			2021-2022		2022-2023		2023-2024		2024-2025		2025-2026		ia Issuanci
Operating Budget													
Replace burner in boiler section		\$	15,000										
Auditorium A/C dual stage compressor				\$	20,000								
Additional Security Cameras						\$	20,000						
Improve Softball Field Drainage				\$	6,500								
Black planters for island								\$	15,000				
Infield Renovation of Baseball Field						\$	6,500						
Terrazzo Repair		\$	5,000										
Resurface concrete patio		\$	5,000										
Pave basketball court										\$	18,000		
Library Conference Room expansion										\$	20,000		
Resurface/replace gym floor										\$	20,000		
New fire pump controller in pump house										\$	15,000		
Replace Burner for Boiler #1										\$	15,000		
Replace Carpet Cleaner									\$12,000.00				
Town funded Conital Duringto													
Town funded Capital Projects Replace Boiler Section		\$	50,000										
Permanent Landscape for steep hill along driveway		φ	50,000										
Grading/drainage for softball field and other fields				\$	80,000								
Field Access - ADA				Ψ	00,000								
Replace exterior doors						\$	30,000						
						Ψ	50,000						
	Subtotal	\$	50,000	\$	80,000	\$	30,000	\$	-	\$	-	\$	
Bonded capital project													
Cameras and Communications												\$	35,7
Architectural Review												\$	25,0
Fire Pump and devices												\$	105,0
New Roof - main building and pump house												\$	2,242,5

Droiost		provemen		2 2022	20	22 2024	20	24 2025	20	25 2026	De	ad locument
Project	20	021-2022	202	2-2023	20.	23-2024	20)24-2025	20	25-2026	BO	nd Issuance
Part of Districtwide planning												
Replace phone system												
Storage												
Cell Phone Repeater Project												
District wide Radio Communication												
	Subtotal											
											*	
Grand Total	\$	75,000	\$	106,500	\$	56,500	\$	27,000	\$	88,000	\$	2,408,20