

# Deferred Maintenance & Asset Renewal Report

## South Kingstown HS

Project Name: 2022 South Kingstown Facility Assessment

Building Type: High School

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
<b>South Kingstown High</b>								
<b>A10 Foundations</b>								
A1010-01-07C Correct Foundation Wall Cracking by Epoxy Injection	A1010 Standard Foundation	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	250 LNFT	\$3,546
<b>Total Estimated Cost for A10 Foundations</b>								<b>\$3,546</b>
<b>B20 Exterior Enclosure</b>								
B2010-03-07C Correct Brick Masonry Wall Stained Finish by Cleaning	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	60,000 SQFT	\$501,358
B2010-03-09C Correct Brick Masonry Wall Mortar Deterioration by Repointing	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	6,000 SQFT	\$254,303
B2010-03-10C Correct Brick Masonry Wall Graffiti Damaged Finish by Remove & Apply Graffiti Resistant Treatment	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	60,000 SQFT	\$1,147,687
B2010-03-14C Correct Brick Masonry Wall Joint Deterioration by Caulking	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	500 LNFT	\$10,882
B2010-05-07C Correct Concrete Block Wall (Decorative) Stained Finish by Cleaning	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	6,000 SQFT	\$49,540

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B2010-05-09C Correct Concrete Block Wall (Decorative) Mortar Deterioration by Repointing	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	1,000 SQFT	\$21,990
B2010-05-10C Correct Concrete Block Wall (Decorative) Graffiti Damaged Finish by Remove & Apply Graffiti Resistant Treatment	B2010 Exterior Wall	Building Wide		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	6,000 SQFT	\$133,062
B2010-05-14C Correct Concrete Block Wall (Decorative) Joint Deterioration by Caulking	B2010 Exterior Wall	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	250 LNFT	\$5,009
B2011-06-01C Correct Exterior Aluminum Soffit or Fascia Deterioration by Demolition & Replacement	B2011 Exterior Wall Specialties	Building Exterior		Cap Imprv	P2 / 1-3 Yrs	Damaged/ Inoper	4,000 SQFT	\$232,586
B2020-02-01C Correct Aluminum Frame Window Deterioration by Demolition & Replacement	B2020 Exterior Window	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	15,000 SQFT	\$2,557,264
B2030-04-02C Correct Hollow Metal Door & Frame Deterioration by Demolition & Replacement	B2030 Exterior Door	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	10 EACH	\$57,467
B2032-01-03C Correct Door Hardware Card Access Reader Deteriorated by Demolition & Replacement	B2032 Exterior Door Hardware	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	7 EACH	\$12,879
<b>Total Estimated Cost for B20 Exterior Enclosure</b>								<b>\$4,984,026</b>

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<b>B30 Roofing</b>								
B3010-07-01C Correct Built-Up Bituminous Roof Deterioration by Demolition & Replacement	B3010 Roof Covering	Roof		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	80,000 SQFT	\$3,653,030
B3010-11-01C Correct EPDM Roof Deterioration by Demolition & Replacement	B3010 Roof Covering	Roof		Def Maint	P4 / 6-10 Yrs	Useful Life	19,000 SQFT	\$802,558
<b>Total Estimated Cost for B30 Roofing</b>								<b>\$4,455,588</b>
<b>C10 Interior Construction</b>								
C1011-02-01C Correct Sliding Folding Partition Deterioration by Demolition & Replacement	C1011 Interior Operable Partition	Gymnasium		Def Maint	P2 / 1-3 Yrs	Useful Life	1,000 SQFT	\$200,559
C1020-01-02C Correct Hollow Metal Door Frame Deterioration by Demolition & Replacement	C1020 Interior Door	Building Wide		Def Maint	P3 / 4-5 Yrs	Functional	100 EACH	\$105,964
C1020-02-01C Correct Wood Door Deterioration by Demolition & Replacement	C1020 Interior Door	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	100 EACH	\$197,229
C1030-01-01C Correct Chalkboard, Tackboard or Markerboard Deterioration by Demolition & Replacement	C1030 Fittings & Accessories	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	5,750 SQFT	\$293,932
C1030-02-01C Correct Toilet Compartment Deterioration by Demolition & Replacement	C1030 Fittings & Accessories	Building Wide		Def Maint	P3 / 4-5 Yrs	Functional	75 EACH	\$145,637

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C1030-04-01C Correct Toilet & Bath Accessories (Single User) Deterioration by Demolition & Replacement	C1030 Fittings & Accessories	Building Wide		Def Maint	P2 / 1-3 Yrs	Codes/ Standards	25 EACH	\$45,521
C1030-06-02C Correct Interior Signage Panel Signage Deterioration by Demolition & Replacement	C1030 Fittings & Accessories	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	325 EACH	\$70,524
C1030-07-01C Correct Locker Deterioration by Demolition & Replacement	C1030 Fittings & Accessories	Building Wide		Def Maint	P3 / 4-5 Yrs	Useful Life	500 EACH	\$330,304
<b>Total Estimated Cost for C10 Interior Construction</b>								<b>\$1,389,670</b>
<b>C30 Interior Finishes</b>								
C3010-01-02C Correct Painted Wall Finish Deterioration by Prep & Repaint (BLDG SF)	C3010 Wall Finish	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	235,000 BLDG SF	\$1,449,931
C3010-06-02C Correct Acoustical Wall Panel Required by Install New	C3010 Wall Finish	Building Wide		Cap Imprv	P3 / 4-5 Yrs	Functional	5,000 SQFT	\$87,803
C3020-02-02C Correct Resilient Tile Floor Finish Deterioration by Demolition & Replacement with Alternative Material (Poured Epoxy)	C3020 Floor Finish	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	75,000 SQFT	\$1,915,200
C3020-08-02C Correct Ceramic Tile Floor Finish Deterioration by Demolition & Replacement with Alternative Material	C3020 Floor Finish	Building Wide		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	6,000 SQFT	\$249,298

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C3020-11-02C Correct Hard Wood Floor Finish Deterioration Prep & Refinish	C3020 Floor Finish	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	4,000 SQFT	\$33,079
C3020-12-02C Correct Carpet Floor Finish Deterioration by Demolition & Replacement with Alternative Material (Resilient)	C3020 Floor Finish	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	2,500 SQFT	\$25,924
C3020-15-01C Correct Athletic Floor Finish Deterioration by Demolition & Replacement	C3020 Floor Finish	Building Wide		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	5,000 SQFT	\$202,355
C3030-02-02C Correct Plaster Ceiling Finish Deterioration by Demolition & Replacement with Alternative Material (Susp Acoustical)	C3030 Ceiling Finish	Building Wide		Def Maint	P3 / 4-5 Yrs	Functional	5,000 SQFT	\$61,699
C3030-05-02C Correct Suspended Acoustical Ceiling Tile & Grid Finish Deterioration by Demolition & Replacement	C3030 Ceiling Finish	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	150,000 SQFT	\$2,178,882

Total Estimated Cost for **C30 Interior Finishes** **\$6,204,170**

### D10 Conveying

D1010-01-41C Correct Hydraulic Passenger Elevator (3500 Capacity) Deterioration by Refurbishment	D1010 Elevator & Lift	Building Wide		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	3 FLR	\$203,188
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Total Estimated Cost for **D10 Conveying** **\$203,188**

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<b>D20 Plumbing</b>								
D2010-02-01C Correct Water Closet Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	82 EACH	\$254,499
D2010-03-03C Correct Lavatory Full Bradley Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	8 EACH	\$171,599
D2010-03-05C Correct Lavatory (Countertop Type) Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	54 EACH	\$121,821
D2010-04-01C Correct Urinal Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	19 EACH	\$49,583
D2010-05-07C Correct Shower Enclosure, Mixing Valve/Faucet and Trim Set Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Locker Room		Def Maint	P2 / 1-3 Yrs	Useful Life	24 EACH	\$117,305
D2010-08-01C Correct Electric Water Cooler (Single) Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide	Replace with new EWC/Bottle filler	Def Maint	P2 / 1-3 Yrs	Useful Life	16 EACH	\$66,013
D2010-10-01C Correct Utility Sink or Mop Receptor Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	15 EACH	\$67,268
D2010-11-01C Correct Residential Sink Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	17 EACH	\$41,082

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D2010-12-01C Correct Lab Sink Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Science Lab		Def Maint	P2 / 1-3 Yrs	Useful Life	31 EACH	\$115,770
D2010-13-03C Correct Emergency Shower / Eye Wash Station Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Shops/Labs		Def Maint	P2 / 1-3 Yrs	Useful Life	5 EACH	\$13,913
D2010-16-01C Correct Commercial Kitchen Stainless Steel Sink Single Bowl Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	4 EACH	\$15,856
D2010-16-01C Correct Commercial Kitchen Stainless Steel Sink Single Bowl Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Tech/Shop/Art Classrooms		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$7,928
D2010-16-02C Correct Commercial Kitchen Stainless Steel Sink Double Bowl Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$5,179
D2010-16-03C Correct Commercial Kitchen Stainless Steel Sink Triple Bowl Deterioration by Demolition & Replacement	D2010 Plumbing Fixtures	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$12,037
D2020-01-01C Correct Domestic Water Piping & Valves & Insulation Deterioration by Demolition & Replacement (Bldg SF)	D2020 Domestic Water Distribution	Building Wide	<i>Allowance to address system infrastructure failures in select locations as needed</i>	Def Maint	P2 / 1-3 Yrs	Useful Life	115,000 BLDG SF	\$2,257,611

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D2020-06-01C Correct Plumbing Pump Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$14,807
D2020-06-01C Correct Plumbing Pump Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	3 EACH	\$22,210
D2020-08-01C Correct Domestic Water Heater (20 Gal Gas Fired) Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Classroom		Def Maint	P4 / 6-10 Yrs	Useful Life	1 EACH	\$4,432
D2020-08-04C Correct Domestic Water Heater (120 Gal Gas Fired) Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$7,510
D2020-08-04C Correct Domestic Water Heater (120 Gal Gas Fired) Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$7,510
D2020-10-32C Correct Domestic Hot Water Generator (690 GPH) Required by Install New	D2020 Domestic Water Distribution	Boiler Room		Cap Imprv	P2 / 1-3 Yrs	Functional	1 EACH	\$74,741
D2020-13-01C Correct Potable Water Storage Tank Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$16,535
D2020-13-01C Correct Potable Water Storage Tank Deterioration by Demolition & Replacement	D2020 Domestic Water Distribution	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$16,535

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D2030-01-01C Correct Deteriorated Sanitary Sewer Pipe & Fittings Deterioration by Demolition & Replacement (Bldg SF)	D2030 Sanitary Waste	Building Wide	<i>Allowance to address system infrastructure failures in select locations as needed</i>	Def Maint	P2 / 1-3 Yrs	Useful Life	115,000 BLDG SF	\$1,081,672
D2030-05-01C Correct Sump Pump Deterioration by Demolition & Replacement	D2030 Sanitary Waste	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$3,182
D2090-02-01C Correct Laboratory Gas Piping System Fixture Deterioration by Demolition & Replacement	D2090 Other Plumbing Systems	Science Lab		Def Maint	P2 / 1-3 Yrs	Useful Life	86 EACH	\$161,684
D2090-02-02C Correct Laboratory Gas Piping System Pipe, Valves, & Fittings Deterioration by Demolition & Replacement	D2090 Other Plumbing Systems	Science Lab		Def Maint	P2 / 1-3 Yrs	Useful Life	2,000 LNFT	\$232,902
D2090-06-01C Correct Lab Chemical Disposal System (200 Gal) Deterioration by Demolition & Replacement	D2090 Other Plumbing Systems	Science Lab		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$4,857
<b>Total Estimated Cost for D20 Plumbing</b>								<b>\$4,966,042</b>
<b>D30 HVAC</b>								
D3010-04-03C Correct Gas Fuel Distribution Piping (2") Pipe, Valves & Fittings Deterioration by Demolition & Replacement	D3010 Energy Supply	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	200 LNFT	\$18,058

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D3010-04-06C Correct Gas Fuel Distribution Piping (1"-4") Pipe Surface Deterioration by Prep & Refinish	D3010 Energy Supply	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	100 LNFT	\$767
D3020-02-09C Correct Hot Water Boiler Deterioration (4,000 MBH) by Demolition & Replacement	D3020 Heat Generation	Boiler Room		Def Maint	P3 / 4-5 Yrs	Useful Life	3 EACH	\$716,021
D3020-05-01C Correct Dual Fuel Burner Deterioration by Demolition & Replacement	D3020 Heat Generation	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	3 EACH	\$48,633
D3020-09-04C Correct Thermal Expansion Tank (200 Gal) Deterioration by Demolition & Replacement	D3020 Heat Generation	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$24,293
D3020-10-03C Correct Boiler Chemical Feed System (10 Gal) Deterioration by Demolition & Replacement	D3020 Heat Generation	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$5,010
D3020-12-05C Correct Steam Condensate Tank (100 Gal) Deterioration by Demolition & Replacement	D3020 Heat Generation	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	3 EACH	\$23,680
D3020-18-01C Correct Electric Unit Heater Deterioration by Demolition & Replacement	D3020 Heat Generation	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	5 EACH	\$15,221

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D3030-04-02C Correct Condensing Unit (5 Tons) Deterioration by Demolition & Replacement	D3030 Refrigeration	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$39,747
D3040-02-05C Correct Air Handling Unit (10 Tons) Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Auxiliary Gym, Other Misc		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$77,097
D3040-02-07C Correct Air Handling Unit (15 Tons) Deterioration by Demolition & Replacement	D3040 HVAC Distribution	First Floor Areas		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$70,420
D3040-09-01C Correct Exhaust or Induction Fan (1/8 HP) Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	8 EACH	\$39,924
D3040-09-11C Correct Exhaust or Induction Fan (3 HP) Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	37 EACH	\$437,414
D3040-10-01C Correct Roof Mounted Gravity Vent Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	31 EACH	\$114,935
D3040-12-01C Correct Kitchen Exhaust Fan Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$8,878
D3040-13-04C Correct Ductwork & Insulation Deterioration by Duct Cleaning Building Wide (Bldg SF)	D3040 HVAC Distribution	Building Wide	<i>Exhaust Ductwork</i>	Def Maint	P3 / 4-5 Yrs	Useful Life	234,650 BLDG SF	\$523,091

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D3040-13-04C Correct Ductwork & Insulation Deterioration by Duct Cleaning Building Wide (Bldg SF)	D3040 HVAC Distribution	Building Wide	Heating & A/C ductwork	Def Maint	P3 / 4-5 Yrs	Useful Life	234,650 BLDG SF	\$523,091
D3040-14-01C Correct Grilles Registers Dampers & Diffusers Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Building Wide	Outside air grilles	Def Maint	P3 / 4-5 Yrs	Useful Life	1 EACH	\$731
D3040-17-15C Correct HVAC Piping System (2 Pipe) & Insulation Deterioration by Demolition & Replacement (BLDG SF)	D3040 HVAC Distribution	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	234,650 BLDG SF	\$4,029,438
D3040-18-05C Correct Hydronic Distribution Base Mount Pump (15 HP) Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Boiler Room		Def Maint	P2 / 1-3 Yrs	Useful Life	4 EACH	\$194,876
D3040-29-04C Correct Electric Makeup Air Unit (45 MBH) Deterioration by Demolition & Replacement	D3040 HVAC Distribution	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$82,927
D3050-01-02C Correct Packaged Rooftop Air Conditioning & Heating Unit (5 Ton) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$32,187
D3050-01-04C Correct Packaged Rooftop Air Conditioning & Heating Unit (10 Ton) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	7 EACH	\$302,362

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South Kingstown HS

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
D3050-01-10C Correct Packaged Rooftop Air Conditioning & Heating Unit (50 Ton) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Roof		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$216,381
D3050-08-03C Correct Split System Air Conditioning System Deterioration (5 Ton) by Demolition & Replacement	D3050 Terminal & Packaged Units	Roof		Def Maint	P3 / 4-5 Yrs	Useful Life	3 EACH	\$86,309
D3050-12-03C Correct Horizontal Heating and Cooling Unit Ventilator (5 Ton) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Classrooms	Replacement of Heat only unit	Def Maint	P2 / 1-3 Yrs	Useful Life	69 EACH	\$2,160,902
D3050-16-03C Correct Heating Only Fan Coil Unit (5 Ton) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	8 EACH	\$112,882
D3050-19-01C Correct Cabinet Heater Deterioration of Cabinet Heater by Demolition & Replacement	D3050 Terminal & Packaged Units	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	15 EACH	\$100,626
D3050-20-01C Correct Steam & Hot Water Unit Heater (100 MBH) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	20 EACH	\$45,983
D3050-26-01C Correct Steam or Hot Water Fin-Tube Radiation Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	1 LNFT	\$284

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South Kingstown HS

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
D3050-34-04C Correct Packaged Terminal Air Conditioning Unit (36,000 BTU) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	5 EACH	\$58,473
D3050-34-09C Correct Packaged Terminal Air Conditioning Unit (36,000 BTU) Required by Install New	D3050 Terminal & Packaged Units	IT Closets	Cooling required in MDF/IDF Rooms	Cap Imprv	P2 / 1-3 Yrs	Codes/ Standards	3 EACH	\$42,288
D3050-35-02C Correct Steam or Hot Water Convector (48" wide) Deterioration by Demolition & Replacement	D3050 Terminal & Packaged Units	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$3,645
D3060-01-03C Correct Pneumatic Control System Air Compressor Deterioration by Demolition & Replacement	D3060 HVAC Instrumentation & Controls	Boiler Room		Def Maint	P3 / 4-5 Yrs	Useful Life	1 EACH	\$12,457
D3060-01-04C Correct Pneumatic Control System Air Dryer Deterioration by Demolition & Replacement	D3060 HVAC Instrumentation & Controls	Boiler Room		Def Maint	P3 / 4-5 Yrs	Useful Life	1 EACH	\$5,087
D3090-02-01C Correct Laboratory Fume Hood Deterioration by Demolition & Replacement	D3090 Other Special HVAC Systems & Equipment	Science Lab		Def Maint	P2 / 1-3 Yrs	Useful Life	3 EACH	\$137,155
D3090-04-03C Correct Commercial Kitchen Hood (12'- 16') Deterioration by Demolition & Replacement	D3090 Other Special HVAC Systems & Equipment	Kitchen		Def Maint	P2 / 1-3 Yrs	Useful Life	2 EACH	\$93,849

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
<b>Total Estimated Cost for D30 HVAC</b>								<b>\$10,405,120</b>
<b>D40 Fire Protection</b>								
D4010-01-02C Correct Wet Pipe Sprinkler System Required by Install New (Bldg SF)	D4010 Sprinklers	Building Wide		Cap Imprv	P2 / 1-3 Yrs	Codes/ Standards	234,650 BLDG SF	\$2,018,084
<b>Total Estimated Cost for D40 Fire Protection</b>								<b>\$2,018,084</b>
<b>D50 Electrical</b>								
D5010-02-01C Correct Primary Transformer Deterioration by Demolition & Replacement (Bldg SF)	D5010 Electrical Service & Distribution	Building Exterior		Def Maint	P2 / 1-3 Yrs	Useful Life	234,900 BLDG SF	\$266,884
D5010-03-14C Correct Secondary Underground Electrical Service (4000 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Exterior	Replace existing service with 4000A, 480/277V, 3PH, 4W to accommodate future HVAC loads.	Cap Imprv	P2 / 1-3 Yrs	Functional	175 LNFT	\$438,402
D5010-04-26C Correct Secondary Transformer (500 kVA) Required by Install New	D5010 Electrical Service & Distribution	Electrical Room	500KVA transformer 480-208/120V	Cap Imprv	P2 / 1-3 Yrs	Functional	1 EACH	\$77,086
D5010-05-07C Correct Main Distribution Panel (3000 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Electrical Room	208/120V, 3PH, 4W, 4-section	Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$112,581

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
D5010-09-08C Correct Automatic Transfer Switch (600 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Exterior		Def Maint	P3 / 4-5 Yrs	Useful Life	1 EACH	\$11,430
D5010-12-04C Correct Panelboard (100 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	23 EACH	\$216,352
D5010-12-04C Correct Panelboard (100 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	8 EACH	\$75,253
D5010-12-05C Correct Panelboard (225 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	14 EACH	\$190,302
D5010-12-05C Correct Panelboard (225 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	4 EACH	\$54,372
D5010-12-06C Correct Panelboard (400 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$17,076
D5010-12-07C Correct Panelboard (600 AMP) Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Electrical Room		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$24,261
D5010-13-16C Correct Switchboard (4000 AMP) Improperly Sized by Demolition & Replacement	D5010 Electrical Service & Distribution	Electrical Room	<i>New switchboard 480/277V, 3PH, 4W, 4000A required to support capacity for future HVAC loads.</i>	Cap Imprv	P2 / 1-3 Yrs	Functional	1 EACH	\$122,377

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
D5010-14-01C Correct Motor Starter Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P3 / 4-5 Yrs	Useful Life	3 EACH	\$19,177
D5010-14-01C Correct Motor Starter Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	14 EACH	\$89,493
D5010-14-01C Correct Motor Starter Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	30 EACH	\$191,771
D5010-17-01C Correct Solar System Inverter Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Electrical Room		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$3,664
D5010-17-02C Correct Solar Panel Deterioration by Demolition & Replacement	D5010 Electrical Service & Distribution	Roof		Def Maint	P4 / 6-10 Yrs	Useful Life	10 EACH	\$30,298
D5020-10-01C Correct Building Wide General Lighting Inefficient by Demolition & Replacement with Alternative Product (Bldg SF)	D5020 Lighting & Branch Wiring	Building Wide		Def Maint	P3 / 4-5 Yrs	Useful Life	234,900 BLDG SF	\$3,256,701
D5020-12-01C Correct Emergency Lighting Deterioration by Demolition & Replacement	D5020 Lighting & Branch Wiring	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	6 EACH	\$1,481
D5020-13-01C Correct Stage Lighting System Console Inadequate by Demolition & Replacement	D5020 Lighting & Branch Wiring	Auditorium		Def Maint	P3 / 4-5 Yrs	Useful Life	1 EACH	\$255,577

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
D5021-01-03C Correct Receptacles Deterioration by Demolition & Replacement with GFCI Receptacles	D5021 Branch Wiring	Locker Room	Replace non-GFCI receptacles with GFCI in the locker rooms	Def Maint	P2 / 1-3 Yrs	Codes/ Standards	6 EACH	\$733
D5021-01-05C Correct Receptacles Required by Install New	D5021 Branch Wiring	Shop	Insufficient receptacles in the new wood shop	Cap Imprv	P2 / 1-3 Yrs	Functional	12 EACH	\$9,345
D5021-01-07C Correct Receptacles (Weatherproof GFCI) Required by Install New	D5021 Branch Wiring	Building Exterior	Missing receptacles at exterior HVAC equipment	Cap Imprv	P2 / 1-3 Yrs	Codes/ Standards	24 EACH	\$21,141
D5030-01-03C Correct Fire Alarm Notification Appliance Deterioration by Demolition & Replacement	D5030 Fire Alarm System	Building Exterior		Def Maint	P2 / 1-3 Yrs	Useful Life	1 EACH	\$584
D5030-03-02C Correct Building Wide Fire Alarm System Deterioration by Demolition & Replacement (Bldg SF)	D5030 Fire Alarm System	Building Wide	Old fire alarm system to be replaced with new. Horn strobes missing in classrooms. Pull stations missing from a few exterior doors	Def Maint	P1 / Immed	Life Safety	234,900 BLDG SF	\$2,054,031
D5031-04-01C Correct Security System Key Pad Deterioration by Demolition & Replacement	D5031 Security Access & Surveillance	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	2 EACH	\$3,211
D5031-08-01C Correct Building Wide Video Surveillance System Deterioration by Demolition & Replacement (BLDG SF)	D5031 Security Access & Surveillance	Building Wide		Def Maint	P4 / 6-10 Yrs	Useful Life	234,900 BLDG SF	\$729,731

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South Kingstown HS

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
D5031-20-03C Correct Security Access Control with Video Intecom Deterioration by Demolition & Replacement	D5031 Security Access & Surveillance	Building Exterior		Def Maint	P4 / 6-10 Yrs	Useful Life	1 EACH	\$5,439
D5032-01-02C Correct Master Clock System Deterioration by Demolition & Replacement (Bldg SF)	D5032 Clock & Program Systems	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	234,900 BLDG SF	\$513,501
D5033-01-01C Correct Building Wide Intercom System Deterioration by Demolition & Replacement (Bldg SF)	D5033 Intercom Systems	Building Wide		Def Maint	P2 / 1-3 Yrs	Useful Life	234,900 BLDG SF	\$793,915
D5036-04-03C Correct Interactive Flat Panel Assembly Deterioration by Demolition & Replacement	D5036 Technology System	Building Wide	<i>Replace existing flat panels / interactive white board projectors with new interactive flat panels</i>	Def Maint	P4 / 6-10 Yrs	Useful Life	80 EACH	\$526,821
D5090-01-03C Correct Diesel Fuel Emergency Generator (150 kW) Deterioration by Demolition & Replacement	D5090 Other Electrical Systems	Electrical Room		Def Maint	P3 / 4-5 Yrs	Useful Life	1 EACH	\$70,940

Total Estimated Cost for **D50 Electrical**

**\$10,183,931**

## E10 Equipment

E1020-02-01C Correct Theatre & Stage Equipment Sound System Deterioration by Demolition & Replacement	E1020 Institutional Equipment	Auditorium		Def Maint	P4 / 6-10 Yrs	Useful Life	1 LPSM	\$83,999
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Total Estimated Cost for **E10 Equipment**

**\$83,999**

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
<b>E20 Furnishings</b>								
E2010-04-01C Correct Wall Cabinet Deterioration by Demolition & Replacement	E2010 Fixed Furnishings	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	1,500 LNFT	\$569,139
E2010-04-03C Correct Base Cabinet with Laminate Counter Deterioration by Demolition & Replacement	E2010 Fixed Furnishings	Building Wide		Def Maint	P3 / 4-5 Yrs	Damaged/ Inoper	3,000 LNFT	\$2,705,513
E2011-03-03C Correct Roller Shade Required by Install Manual Shade System (Window SF)	E2011 Window Treatment	Building Wide		Cap Imprv	P2 / 1-3 Yrs	Functional	15,000 SQFT	\$283,469
<b>Total Estimated Cost for E20 Furnishings</b>								<b>\$3,558,121</b>
<b>G20 Site Improvements</b>								
G2020-01-03C Correct Bituminous Parking Lot Deterioration by Restoration & Overlayment	G2020 Parking Lots	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	7,000 SQYD	\$101,278
G2030-02-01C Correct Concrete Sidewalk Deterioration by Demolition & Replacement	G2030 Pedestrian Paving	Building Exterior		Def Maint	P2 / 1-3 Yrs	Damaged/ Inoper	10,000 SQFT	\$186,247
<b>Total Estimated Cost for G20 Site Improvements</b>								<b>\$287,525</b>

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System Name / Corrective Action	Subsystem Name	Location Description	Correction Notes	Project Type	Priority (Years)	Justification	Quantity UOM	Estimated Assessment Cost
<b>G40 Site Electrical Utilities</b>								
G4020-01-01C Correct Pole Mounted Site Lighting Deterioration by Demolition & Replacement with LED Fixture	G4020 Site Lighting	Building Exterior		Def Maint	P3 / 4-5 Yrs	Useful Life	8 EACH	\$150,658
G4020-03-01C Correct Non-Building Wall Mounted Site Lighting Deterioration by Demolition & Replacement	G4020 Site Lighting	Building Exterior	Replace old non LED fixtures with new LED	Def Maint	P3 / 4-5 Yrs	Useful Life	14 EACH	\$12,608

Total Estimated Cost for **G40 Site Electrical Utilities** **\$163,267**

**South Kingstown High Total Estimated Cost: \$48,906,277**

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