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1. Smyrna Elementary School

PROJECT DESCRIPTION

The Smyrna Elementary School is located at 121 South School Lane, Smyrna, Delaware 19977. The school is a single story building with a basement mechanical room and crawl space. The building is approximately 56,600 square feet. Over the years the building has undergone several renovations and expansions including the most recent 7,085 square foot classroom wing addition in 2005.

Civil

Demolish two existing connected parking areas adjacent to South Street that access the kitchen dock area. Relocate one of the parking entrance drives on South Street and provide a new increased parking lot that will incorporate a student drop-off lane. Relocate playground area and playground equipment to provide area for new parking footprint.

Provide new storm water management system adjacent to the new parking to accommodate new impervious areas caused by proposed building additions (kitchen expansion, front entry vestibule) and proposed parking expansion.

Architectural

Interior:

Interior architectural finishes in the 7,085 square foot addition are in good condition and do not require improvements. See comments below for remaining building.

Interior doors are in fair to poor condition and the door hardware does not meet ADA requirements. Replace all interior doors with 1-3/4" wood doors with maple finish. Include vision panels in all classroom and administrative doors.

Replace all door hardware with Grade 1, ADA compliant hardware.

Existing ceilings area aged. Replace all suspended ceiling grid and acoustical ceiling panels.

Toilet Rooms:

Toilet rooms do not meet ADA requirements.

Gang toilet rooms will require modifications by eliminating one toilet fixture and stall and adjustment of plumbing to combine two existing stalls to create one ADA compliant stall in each room. New wall and floor finishes will be required in each room.

Individual toilet rooms will require demolition and construction of new CMU walls to increase the size of the rooms to meet ADA guidelines. Plumbing will need to be modified to reflect revised fixture layout. New wall and floor finishes will be required in each room.

Kitchen:

The existing kitchen including supporting space (dishwashing, walk-ins, office, toilet, laundry, locker area, and storage) and loading dock are undersized. Equipment is dated and sized to fit within the current floor plan.

A 2100 sq ft new kitchen addition is recommended to expand the existing kitchen. A new floor plan will allow adequate space for the serving lines, working kitchen and support spaces. Utilities under the slab will need to be revised and updated to conform to the revised layout.

Fiberglass grid and suspended ceilings will be installed in the kitchen including all support spaces.

Existing terrazzo flooring to be removed to allow for utility renovations. Replace all flooring in kitchen and support spaces with new quarry tile and base. Walls will be painted cmu.

Existing kitchen equipment should be replaced with new efficient units including a walk-in cooler and freezer that will be accessed from within the kitchen.

A new loading dock will be required to allow CNP deliveries to have direct access to the kitchen.

Exterior walls to be brick veneer (to match exist) on CMU back-up with 2" rigid insulation in the wall cavity. Structure will be steel columns and bar joists.

Building Entry Security:

The existing building main entrance has recent improvements that provide a secure entry. Visitors enter through a vestibule with locked doors to the main building corridor. To gain access into the building visitors must enter the office before gaining access to the interior corridor.

We recommend a new window be installed in the existing office masonry exterior wall. This will allow office staff to have a line of sight to view visitors approaching the entry vestibule.

We also recommend improvements to the exterior entry and student bus access/egress by providing a covered space to allow an exterior space protected from the elements.

Building Systems

Mechanical:

The boilers that are currently serving the HVAC System appear to be original and the boiler breaching may contain asbestos. Due to the boiler's age and the current HVAC configuration, it is recommended that the existing steam generation system and hot water heat exchanger system be removed and replaced with a new high efficiency hot water boiler system. The proposed system will improve the overall energy efficiency of the heating system as well as provide improved maintenance by reducing the number of system components that are required for the heating system.

The existing Building Automation System (BAS) should be modified and/or replaced to meet the Smyrna School District Standards.

Plumbing:

In 2002, the plumbing distribution system was upgraded and replaced with new piping. The domestic hot water system is connected into the HVAC system. It is recommended to decouple these two (2) systems. This will allow for improved water temperature control and improved maintenance.

For ADA accessibility (see architectural), the toilet rooms will be upgraded. As part of the upgrade, the branch piping (cold water, hot water and hot water return) should be replaced and new plumbing fixtures installed.

Electrical:

The lighting throughout the main building is original and should be upgraded. The new lighting system should utilize a lighting control system to allow for the installation of occupancy sensors. This upgrade will provide improve the building's energy efficiency and operation.

Sprinkler System:

The building currently does not have a sprinkler system. The sprinkler system will require the installation of a booster pump and all the associated flow and check valves required for a wet sprinkler system. A sprinkler room will be required to house the pump an all the ancillary parts of the system. The installation will require installation of siamese fire suppression system connection as well.

Fire Alarm:

The existing smoke detection and fire alarm system should be upgraded in accordance with the Smyrna School District standards.

Security System:

A new security system should be installed throughout the building in accordance with the Smyrna School District standards.

Kitchen Renovation:

As part of the building upgrades, the existing kitchen area is being expanded. The plumbing within the kitchen will need to be reconfigured to accommodate the location of all the new plumbing fixtures within the

space. The kitchen hood may need to be replaced depending upon the type of equipment that is being utilized for cooking. A new rooftop air conditioning unit should be installed to provide cooling and ventilation to the kitchen. Currently the kitchen is utilizing a rooftop heat recovery system.

FACILITY DATA

PRESENT

Location: 121 South School Lane Smyrna DE 19977
Gross # square feet: +/- 56,600
Age of building: 55
Age of additions: 20, 7
Year of last renovations: 2006

PROPOSED

Location: 121 South School Lane Smyrna DE 19977
Gross # square feet: +/- 56,600
Estimated start time of project: planning 07/2014, renovations srping 2015
Estimated time needed to complete project: two years
Estimated date of occupancy: N/A

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER*
FY 2015	1005000		495,000
FY 2016	4439368		2186555
FY 2017			
FY 2018			
FY 2019			
FY 2020			
TOTALS $ $ $	5,444,368		2681555

***Local Funds or Other Non-State or Federal Funds**

COST BREAKDOWN/PHASE OUT							
	Total Previous Funding	FY 20___	FY 20___	FY 20___	FY 20___	FY 20___	Total
Construction Expenses:							
Planning/Design	$	$	$	$	$	$	$
Architect/Engineering		599381					599381
Audit Fees							
Site Development Costs							
Construction Costs		900619	6150923				7051542
Construction Contingency			455000				455000
Demolition Costs							
Other (Provide Description)							
telephone system			20000				20 000
Non-Construction Expenses:							
Land Acquisition							
Technology							
Furniture & Equipment							
Other (Provide Description)							
Total	$	$ 1500000	$ 6625923	$	$	$	$ 8125923

2. Project Details

a. Please check one: ☐ Buying Land ☐ New Building ☒ Renovations/Additions

b. The DOE decision-making process is based on a priority legend, with the highest priorities being the following:

   i. Continued Pattern of Student Population Growth
   ii. Full Day Kindergarten Implementation
   iii. Facility Condition Index above .50
   iv. Project Corrects facility Life, Health or Safety issues

Please address each area separately, as they apply to your project(s), giving specific project details and why there is a need.

Renovations/Additions:

i. Provide a specific description for each of the schools to be renovated and/or expanded. Provide details on the last time the school was renovated.

   More detailed project information can be found in the attached building needs assessment.

ii. If needed because of overcrowding, please provide details of overcrowding issues. Which schools? What are the relief/redistribution plans? What are the patterns of population and student growth in the district?

   While the district continues to grow, the rate has slowed in recent years. The district has completed a significant expansion that was initiated in 2005. Currently, three of four elementary schools are near capacity and there is adequate space at the intermediate, middle and high school levels.

iii. Explain how these renovations and/or additions align with the priority legend.

The renovations are required to update aging building systems and make the school ADA accessible. In addition, safety upgrades include installation of a sprinkler system and expansion of card readers and cameras.

iv. Has the school district obtained all the necessary district Board of Education approvals?

Yes, the school board has approved the district's major capital request.

v. Can the renovations be funded with minor cap money?

The scope of the project is beyond the funding ability of the districts minor capital improvements program.

vi. Can the renovations or additions happen during the school year?

No, the work on the building systems would need to occur over summer break.

Please address the urgency of each project or your request in general. Why now? What would happen if the CN is not approved this year? In what priority order would you classify your request(s) if not all requests were granted?

The district has spent the past ten years expanding instructional space to accommodate student growth and full day kindergarten initiatives. The district is now focusing attention on its aging infrastructure and deficiencies in meeting current accessibility, safety and security demands.

Failure to approve this capital request will lead to the further degradation of keying building systems, the inability to provide students and staff and safe and secure learning environment and limited access to facilities for those with physical impairments.

While the district strongly feels that all requested projects are necessary, it would prioritize them as follows: Smyrna Elementary; Clayton Elementary; North Smyrna Elementary; JBM Intermediate and the Thomas D. Clayton Building.

1. Clayton Elementary School

PROJECT DESCRIPTION

The Clayton Elementary School is located at 510 West Main Street, Clayton, Delaware 19938. The building consists of an original central building with a series of additions. The building is not sprinklered.

The assembly area is served by two (2) rooftop units that were installed in 2001. Noise is being transmitted into the space from these units, and the District needs to improve the overall sound levels within the space.

Architectural

Building Envelope:

The existing gym/cafeteria assembly area has exposed roof structure and deck, which allows excessive reverberation and aggravates the noise issue from rooftop equipment. Installing a lay-in acoustical panel ceiling system with sound attenuation blankets will improve both conditions. If a ceiling is installed, bulkheads/wells must be constructed to allow airflow to the existing smoke hatches.

The existing gym/cafeteria roof structure is undersized for the rooftop equipment and deflects/vibrates. Existing open-web steel joists must be reinforced to meet new rooftop equipment loads.

Interior:

Install sprinklers throughout the building.

Existing lay-in ceilings throughout the remainder of the buildings are aged and should be replaced in conjunction with the sprinkler installation.

Existing VCT flooring in original section of the school (wood floor structure over crawl space) is cracked and aged. Existing VCT and underlayment in this area should be demolished to subflooring. Subflooring should be inspected and repaired as necessary. Install new PVC tile and compatible underlayment.

Building Systems

Mechanical- Assembly Area:

The Trane units are Model number YCD180B3HAFA. Each of the units is rated for 208V 3 phase power, Minimum Heating of 284,000 BTUH, and nominally 15 tons of cooling. It is noted that when operating that they are vibrating and the noise is being transmitted to the steel below.

Any improvements will include lifting these units from the roof, providing new supports, etc. Given that these units are two-thirds into their useful life it may be prudent to take the opportunity to replace these units with newer and more energy efficient units.

Install two (2) new York units that would be compatible with the existing building automation system. The units can incorporate demand control ventilation as well as dehumidification capability (hot gas reheat) for improved occupancy comfort. A new sound attenuation curb should be provided and stiffening of the existing roof steel maybe required.

New sound attenuators should be installed in the supply and return ductwork to help further mitigate any noise transmission into the space. The thermostatic controls should be replaced and the new units integrated into the building automation system.

Mechanical - Office and Library:

1. Suspended above the corridor ceiling there are two (2) air handling units that need to be replaced in kind. The remote condensing unit and associated refrigerant piping should also be replaced. The thermostatic controls should be replaced and the new units integrated into the building automation system.

Sprinkler System:

The building currently does not have a sprinkler system. The sprinkler system will require the installation of all the associated flow and check valves required for a wet sprinkler system, and possibly a booster pump. A sprinkler room will be required to house the pump and all the ancillary parts of the system. The installation will require installation of fire department suppression system connection as well.

Security System:

Add security cameras and card readers in appropriate locations throughout the building.

FACILITY DATA

PRESENT

Location: 510 West Main Street Clayton DE 19938
Gross # square feet: +/- 55,143
Age of building: 84
Age of additions: 60, 19, 7
Year of last renovations: 2006

PROPOSED

Location: 1510 West Main Street Clayton DE 19938
Gross # square feet: +/- 55,143
Estimated start time of project: planning 7/2014, renovation spring 2015
Estimated time needed to complete project: one year
Estimated date of occupancy: N/A

CAPITAL REQUEST

FUNDING

STATE	FEDERAL	OTHER*

FY 2015	335,000		165,000
FY 2016	680,993		335,414
FY 2017			
FY 2018			
FY 2019			
FY 2020			
TOTALS $ $ $	1,015,993		500,414

***Local Funds or Other Non-State or Federal Funds**

COST BREAKDOWN/PHASE OUT

	Total Previous Funding	FY 20*15*	FY 20*16*	FY 20__	FY 20__	FY 20__	Total
Construction Expenses:							
Planning/Design	$	$	$	$	$	$	$
Architect/Engineering		127,607					127 607
Audit Fees							
Site Development Costs							
Construction Costs		372393	903677				1276070
Construction Contingency			112730				112730
Demolition Costs							
Other (Provide Description)							
Non-Construction Expenses:							
Land Acquisition							
Technology							
Furniture & Equipment							
Other (Provide Description)							
Total	$	$ 500,000	$ 1016407	$	$	$	$ 1516407

2. Project Details

a. Please check one: ☐ Buying Land ☐ New Building ☒ Renovations/Additions

b. The DOE decision-making process is based on a priority legend, with the highest priorities being the following:

i. Continued Pattern of Student Population Growth
ii. Full Day Kindergarten Implementation
iii. Facility Condition Index above .50
iv. Project Corrects facility Life, Health or Safety issues

Please address each area separately, as they apply to your project(s), giving specific project details and why there is a need.

<u>Renovations/Additions:</u>

i. Provide a specific description for each of the schools to be renovated and/or expanded. Provide details on the last time the school was renovated.

More detailed project information can be found in the attached building needs assessment.

ii. If needed because of overcrowding, please provide details of overcrowding issues. Which schools? What are the relief/redistribution plans? What are the patterns of population and student growth in the district?

While the district continues to grow, the rate has slowed in recent years. The district has completed a significant expansion that was initiated in 2005. Currently, three of four elementary schools are near capacity and there is adequate space at the intermediate, middle and high school levels.

iii. Explain how these renovations and/or additions align with the priority legend.

The renovations are required to update aging building systems. In addition, safety upgrades include installation of a sprinkler system and expansion of card readers and cameras.

iv. Has the school district obtained all the necessary district Board of Education approvals?

Yes, the school board has approved the district's major capital request.

v. Can the renovations be funded with minor cap money?

The scope of the project is beyond the funding ability of the districts minor capital improvements program.

vi. Can the renovations or additions happen during the school year?

No, the work on the building systems would need to occur over summer break.

Please address the urgency of each project or your request in general. Why now? What would happen if the CN is not approved this year? In what priority order would you classify your request(s) if not all requests were granted?

1. North Smyrna Elementary School

PROJECT DESCRIPTION

The North Smyrna Elementary School is located at 365 North Main Street, Smyrna, Delaware 19977. The school is a single story building and is approximately 48,300 square feet. Over the years the building has undergone several renovations and expansions. The original building consists of a central section housing common areas and administration with an attached classroom wing to the east. A second classroom wing to the south is separated from the main building by a breezeway. The buildings are not sprinklered.

Architectural

Interior:

The assembly area stage and wings are elevated by 3-4 risers and are not accessible.

An office has been constructed in the stage left wing, at the elevated platform height, which is entered from the main corridor via steps and is not accessible.

The non-accessible office will be demolished (including elevated floor) and replaced by a ramp and steps to provide accessibility to the stage area. A chair lift is an option, but may not be required given the low rise and available space.

Four (4) doors in the main corridor adjacent to the assembly area do not have accessible hardware – office access at the stage, boiler room, and 2 utility rooms near the west entrance lobby.

Install sprinklers throughout the building.

Existing lay-in ceilings throughout the remainder of the buildings are aged and should be replaced in conjunction with the sprinkler installation.

Building Systems

Plumbing:

During the 2002 renovation, the accessible domestic water piping was replaced with new piping. However, the concealed piping routed through the block walls was not replaced. As a result several leaks have occurred within the walls of the existing toilet rooms. To resolve this issue, maintenance has rerouted some of the domestic water piping within the space (exposed) and has provided a shroud to conceal the exposed piping. There are six (6) gang toilet rooms (boys and girls rooms) and five (5) single toilet rooms (one water closet and one lavatory).

From a cost perspective, it would be more economical to continue replacing the concealed domestic water piping and provide a shroud as required. Aesthetically it would look better to conceal the piping. If that is selected, that may result in some additional renovations to achieve ADA compliance as well as replacement of the existing finishes.

Electrical:

With the proposed ceiling replacement, the lighting throughout the building is should be upgraded (replaced) in kind. The new lighting system should utilize a lighting control system to allow for the installation of occupancy sensors. This upgrade will provide improve the building's energy efficiency and operation.

Sprinkler System:

The building currently does not have a sprinkler system. The sprinkler system will require the installation of all the associated flow and check valves required for a wet sprinkler system, and possibly a booster pump. A sprinkler room will be required to house the pump and all the ancillary parts of the system. The installation will require installation of fire department suppression system connection as well.

Fire Alarm:

With the proposed replacement of the existing ceiling system, the existing smoke detection and fire alarm system should be upgraded in accordance with the Smyrna School District standards.

Security System:

With the proposed replacement of the existing ceiling system and new safety concerns, a new security system should be installed throughout the building in accordance with the Smyrna School District Standards. Security system shall include security cameras in appropriate places and card reader access for exterior and interior secured doors.

Telephone System:

Replace the aging and unreliable telephone system with a new system that is compatible with those recently installed in new schools throughout the district.

FACILITY DATA

PRESENT

Location: 365 North Main Street Smyrna DE 19977
Gross # square feet: +/- 48,300
Age of building: 52
Age of additions: 20, 7
Year of last renovations: 2006

PROPOSED

Location: 365 North Main Street Smyrna DE 19977
Gross # square feet: +/- 48,300
Estimated start time of project: planning 07/2014, renovation spring 2015
Estimated time needed to complete project: one year
Estimated date of occupancy: N/A

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER*
FY 2015	335,000		165,000

FY 2016	517,181	254,731
FY 2017		
FY 2018		
FY 2019		
FY 2020		
TOTALS $ $ $	852,181	419,731

***Local Funds or Other Non-State or Federal Funds**

COST BREAKDOWN/PHASE OUT																						
		Total Previous Funding		FY 20___		FY 20___		FY 20___		FY 20___		FY 20___		Total
Construction Expenses:																						
Planning/Design	$		$		$		$		$		$		$	
Architect/Engineering				105,586										105586
Audit Fees														
Site Development Costs														
Construction Costs				394 414		661447								1055861
Construction Contingency						90465								90465
Demolition Costs														
Other (Provide Description)														
Telephone System						20000								20000
Non-Construction Expenses:														
Land Acquisition														
Technology														
Furniture & Equipment														
Other (Provide Description)														
Total	$		$	500 000	$	771912	$		$		$		$	1271912

2. Project Details

a. Please check one: ☐ Buying Land ☐ New Building ☒ Renovations/Additions

b. The DOE decision-making process is based on a priority legend, with the highest priorities being the following:

i. Continued Pattern of Student Population Growth
ii. Full Day Kindergarten Implementation
iii. Facility Condition Index above .50
iv. Project Corrects facility Life, Health or Safety issues

Please address each area separately, as they apply to your project(s), giving specific project details and why there is a need.

Renovations/Additions:

i. Provide a specific description for each of the schools to be renovated and/or expanded. Provide details on the last time the school was renovated.

More detailed project information can be found in the attached building needs assessment.

ii. If needed because of overcrowding, please provide details of overcrowding issues. Which schools? What are the relief/redistribution plans? What are the patterns of population and student growth in the district?

While the district continues to grow, the rate has slowed in recent years. The district has completed a significant expansion that was initiated in 2005. Currently, three of four elementary schools are near capacity and there is adequate space at the intermediate, middle and high school levels.

iii. Explain how these renovations and/or additions align with the priority legend.

The renovations are required to update aging building systems. In addition, safety upgrades include installation of a sprinkler system and expansion of card readers and cameras.

iv. Has the school district obtained all the necessary district Board of Education approvals?

Yes, the school board has approved the district's major capital request.

v. Can the renovations be funded with minor cap money?

The scope of the project is beyond the funding ability of the districts minor capital improvements program.

vi. Can the renovations or additions happen during the school year?

No, the work on the building systems would need to occur over summer break.

Please address the urgency of each project or your request in general. Why now? What would happen if the CN is not approved this year? In what priority order would you classify your request(s) if not all requests were granted?

1. John Basset Moore Intermediate School

PROJECT DESCRIPTION

The John Bassett Moore (JBM) Intermediate School is located at 20 West Frazier Street, Smyrna, Delaware 19977. The original building was constructed in 1922 of brick masonry with limestone trim. There have been several additions.

Architectural

Building Envelope:

The monumental stairs at the north end of the building (auditorium lobby) are in poor condition. These should be reconstructed, reusing the existing granite treads and landing. Construct new brick cheek walls with new cast-stone at either side to replicate the existing stair. Excavate to footing and provide support for new masonry as required. Note that the landing area is located over the existing basement, with louvers providing ventilation. Replace louvers and coordinate new construction to include waterproofing under the landing to maintain weather barrier over the basement. Provide new metal guardrails/handrails

The back face of the parapet walls should be covered with EPDM that is tied into the existing roof membrane. In addition, the coping on the main building classroom wings is in poor condition. The coping should be capped with new aluminum coping. The coping color shall match the existing stone coping.

The gym/locker building has transom/clerestory windows of aged glass block masonry. Remove glass block, make any required structural modifications, and replace with a translucent fiberglass insulated panel system.

Existing brick work is in need of re-pointing.

Building Entry Security and Accessibility:

The existing building public entrance does not have a secure or accessible entry. Currently visitors enter from an exterior porch directly into the administration office on the south side of the main building. We recommend these issues be resolved by demolishing the existing steps and door, and constructing a new accessible airlock vestibule with ramp and stair. Coordinate with existing porch roof above; modify as required. Relocate the existing outdoor cassette unit adjacent to the steps. The vestibule should contain a camera/intercom system to control outside access to the office area. It would also be advisable to provide secure doors from the office to the main corridor to prevent further incursion.

Building Systems

Security System:

Add security cameras and card readers at the adjacent Classroom and Gymnasium Buildings.

HVAC:

The existing HVAC system serving the library is under sized and not vented. Replace existing with a ten ton roof mounted unit and install necessary duct work.

Civil

Existing tennis courts are weathered. Prepare, resurface, and repaint courts. Review net condition and replace as necessary.

Telephone System:

Replace the aging and unreliable telephone system with a new system that is compatible with those recently installed in new schools throughout the district.

Emergency Generator:

Replace the aging and unreliable emergency generator.

FACILITY DATA

PRESENT

Location: 20 West Frazier Street Smyrna DE 19977
Gross # square feet: +/- 103,000
Age of building: 91
Age of additions: 84, 79, 54
Year of last renovations: 2004

PROPOSED

Location: 20 West Frazier Street Smyrna DE 19977
Gross # square feet: +/- 103,000
Estimated start time of project planning 07.2014, renovations spring 2015
Estimated time needed to complete project: one year
Estimated date of occupancy: N/A

CAPITAL REQUEST

FUNDING

STATE	FEDERAL	OTHER*

FY 2015	167 500		82 500
FY 2016	333 453		164 238
FY 2017			
FY 2018			
FY 2019			
FY 2020			
TOTALS $ $ $	500,953		246 738

***Local Funds or Other Non-State or Federal Funds**

COST BREAKDOWN/PHASE OUT																					
		Total Previous Funding		FY 20___		FY 20___		FY 20___		FY 20___		FY 20___		Total
Construction Expenses:														
Planning/Design	$		$		$		$		$		$		$	
Architect/Engineering				37466										37466
Audit Fees														
Site Development Costs														
Construction Costs				212534		348073								560 607
Construction Contingency						29618								29618
Demolition Costs														
Other (Provide Description)														
Generater						100 000								100 000
Telephone System						20 000								20 000
Non-Construction Expenses:														
Land Acquisition														
Technology														
Furniture & Equipment														
Other (Provide Description)														
Total	$		$	250 000	$	497691	$		$		$		$	747 691

2. Project Details

a. Please check one: ☐ Buying Land ☐ New Building ☐ Renovations/Additions

b. The DOE decision-making process is based on a priority legend, with the highest priorities being the following:

i. Continued Pattern of Student Population Growth
ii. Full Day Kindergarten Implementation
iii. Facility Condition Index above .50
iv. Project Corrects facility Life, Health or Safety issues

Please address each area separately, as they apply to your project(s), giving specific project details and why there is a need.

Renovations/Additions:

i. Provide a specific description for each of the schools to be renovated and/or expanded. Provide details on the last time the school was renovated.

More detailed project information can be found in the attached building needs assessment.

ii. If needed because of overcrowding, please provide details of overcrowding issues. Which schools? What are the relief/redistribution plans? What are the patterns of population and student growth in the district?

While the district continues to grow, the rate has slowed in recent years. The district has completed a significant expansion that was initiated in 2005. Currently, three of four elementary schools are near capacity and there is adequate space at the intermediate, middle and high school levels.

iii. Explain how these renovations and/or additions align with the priority legend.

The renovations are required to correct current safety issues and will create a safe, secure and accessible entrance to be used by all visitors while the school is in session and exterior doors are locked. In addition, building security will be enhanced wit the expansion of card readers and cameras.

iv. Has the school district obtained all the necessary district Board of Education approvals?

Yes, the school board has approved the district's major capital request.

v. Can the renovations be funded with minor cap money?

The scope of the project is beyond the funding ability of the districts minor capital improvements program.

vi. Can the renovations or additions happen during the school year?

No, the work on the building entrances would need to occur over summer break.

1. Thomas D. Clayton Building

PROJECT DESCRIPTION

The Thomas D. Clayton Building is located at Monrovia Avenue, Smyrna, Delaware 19977. The building is approximately 10,800 square feet and is not sprinklered. The building has historic significance to the local African-American community and Smyrna in general. The building is currently shared by the district Technology, Transportation and Maintenance departments.

Architectural

Building Envelope:

Numerous windows were filled in throughout the building's history. Remove the aged replacement windows and infill construction and return the building to approximately the original glazing and appearance with modern, energy-efficient windows.

Interior:

The building interior has had numerous renovations and is not suited to new plans. Several layers of existing ceilings, abandoned utilities, and other aged construction are in place. All non-structural partitions, ceilings, finishes, and utilities will be demolished throughout the building. Perform structural modifications and repairs to concealed conditions as required. Construct new interior partitions to meet plan arrangement of proposed uses.

Install lay-in ceilings throughout the building.

Building Systems

Mechanical:

Install new mechanical systems throughout the building.

Plumbing:

Install new plumbing systems throughout the building.

Electrical:

Install new electrical systems throughout the building.

Sprinkler System:

Install sprinklers throughout the building.

Fire Alarm:

Install new fire alarm systems throughout the building.

Security System:

Add security cameras and card readers in appropriate locations throughout the building.

FACILITY DATA

PRESENT

Location: 80 Monrovia Avenue Smyrna DE 19977
Gross # square feet: +/- 10,800
Age of building: 93
Age of additions:
Year of last renovations: 2005

PROPOSED

Location: 80 Monrovia Avenue Smyrna DE 19977
Gross # square feet: +/-10,800
Estimated start time of project: Planning 07/2014, renovations spring 2015
Estimated time needed to complete project: 18 months
Estimated date of occupancy: winter 2016

CAPITAL REQUEST

FUNDING

	STATE	FEDERAL	OTHER*
FY 2015	670,000		330,000
FY 2016	1,372,504		676,010
FY 2017			
FY 2018			
FY 2019			
FY 2020			
TOTALS $ $ $	2,042,504		1,006,010

***Local Funds or Other Non-State or Federal Funds**

COST BREAKDOWN/PHASE OUT														
		Total Previous Funding		FY 20 15		FY 20 16		FY 20___		FY 20___		FY 20___		Total
Construction Expenses:														
Planning/Design	$		$		$		$		$		$		$	
Architect/Engineering				245,274										245,274
Audit Fees														
Site Development Costs														
Construction Costs				754,726		1827114								2581840
Construction Contingency						221,400								221,400
Demolition Costs														
Other (Provide Description)														
Non-Construction Expenses:														
Land Acquisition														
Technology														
Furniture & Equipment														
Other (Provide Description)														
Total	$		$	1000 000	$	2048514	$		$		$		$	3048514

2. Project Details

a. Please check one: ☐ Buying Land ☐ New Building ☒ Renovations/Additions

b. The DOE decision-making process is based on a priority legend, with the highest priorities being the following:

i. Continued Pattern of Student Population Growth
ii. Full Day Kindergarten Implementation
iii. Facility Condition Index above .50
iv. Project Corrects facility Life, Health or Safety issues

Please address each area separately, as they apply to your project(s), giving specific project details and why there is a need.

Renovations/Additions:

i. Provide a specific description for each of the schools to be renovated and/or expanded. Provide details on the last time the school was renovated.

More detailed project information can be found in the attached building needs assessment.

ii. If needed because of overcrowding, please provide details of overcrowding issues. Which schools? What are the relief/redistribution plans? What are the patterns of population and student growth in the district?

While the district continues to grow, the rate has slowed in recent years. The district has completed a significant expansion that was initiated in 2005. Currently, three of four elementary schools are near capacity and there is adequate space at the intermediate, middle and high school levels.

iii. Explain how these renovations and/or additions align with the priority legend.

The renovations will address a wide array of life, health and safety issues in the current building and restore the appearance and functionality to this historical structure. In its current condition, the building does not provide adequate support to critical district support functions.

iv. Has the school district obtained all the necessary district Board of Education approvals?

Yes, the school board has approved the district's major capital request.

v. Can the renovations be funded with minor cap money?

The scope of the project is beyond the funding ability of the districts minor capital improvements program.

vi. Can the renovations or additions happen during the school year?

This building does not currently house any students so the work can be performed at any time.