



SHELTER DEVELOPMENT REPORT

STATE OF FLORIDA 2023

Outlines the **State of Florida's** current hurricane evacuation shelter capacity and provides a recommendation on retrofit projects utilizing state funds to strengthen existing structures and increase the capacity to support Florida's vulnerable populations.

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EXECUTIVE SUMMARY

The Florida Division of Emergency Management (Division), as directed by Section [252.385, Florida Statutes](#), annually publishes the *Shelter Development Report*. This report provides a list of facilities recommended to be developed for use as hurricane evacuation public shelters using State funds.

Following the publishing of the 2022 *Statewide Emergency Shelter Plan* (SESP), the Division formed the SESP Working Group (Group). The Group has developed a uniform formula for calculating hurricane evacuation shelter space demand and maintenance of the SESP.

The current SESP inventory identifies 982,288 hurricane evacuation shelter spaces available in Florida.¹ An additional 41,545 spaces are expected to become available within the next five years through the retrofitting or construction of previously identified buildings that are actively under contract, bringing the statewide total to 1,023,833 spaces.

This report recommends 353 shelter development projects at an estimated cost of \$70,192,446, adding an estimated 120,752 new shelter spaces to the State's shelter inventory. If all recommended projects were completed, the statewide cumulative total spaces could increase to 1,144,585¹ spaces.

While the inventory of hurricane evacuation shelter space has increased statewide since the inception of the Shelter Development Program, inventory fluctuates and will continue to decrease statewide with the aging of the current stock of public facilities and the approaching end of the useful life of products in older retrofit projects, unless the program continues. As existing buildings constructed to older building codes continue to age, replacement facilities, such as new construction or retrofitting of recently constructed facilities, will be needed to ensure that state hurricane evacuation shelter space capacities meet both current and future needs. Furthermore, changes in Federal Emergency Management Agency (FEMA) flood maps and National Weather Service (NWS) storm surge inundation maps have reduced the previously recognized quantity of hurricane evacuation shelter space in some regions. As the population of Florida continues to grow and development continues in risk-prone areas, the need for suitable hurricane evacuation facilities will continue to increase.

Each year, \$3 million is dedicated to the Shelter Development Program through the Hurricane Loss Mitigation Program (HLMP) as part of the Florida Hurricane Catastrophe Fund (Section [215.555\(7\)\(c\), Florida Statutes](#)). Since the program's inception in the early 1990s, the amount allocated for shelter development projects has not increased. At the same time, inflation and rising construction costs have decreased the number of projects able to be completed. Retrofit costs have increased by approximately \$333 per space (20 sq. ft.), decreasing the number of shelter spaces created annually. Additionally, shelter planners are preparing for an increase in demand for special needs shelter (SpNS) spaces, which are larger and more expensive, increasing the costs for new spaces statewide. To keep pace with increasing retrofit/new construction costs and demand for larger space allocations, the Division recommends an increase in funding for the Hurricane Loss Mitigation Program (HLMP) Shelter Development Program from \$3 million in 2023-2024 to \$10 million in 2024-2025.

¹ Information was provided prior to sustained impacts from Hurricane Ian, Hurricane Nicole and Hurricane Idalia. Information is subject to change.

I. OVERVIEW

A. PURPOSE

In 1993, following Hurricane Andrew which made landfall in 1992 as a Category 5 hurricane, Chapter [252, Florida Statutes](#), added, “The Legislature intends that this state not have a deficit of safe public hurricane evacuation shelter space... .” (Section [252.385\(1\), Florida Statutes](#)). By the late 1990s, the state’s deficit of safe public hurricane evacuation shelter spaces exceeded one million. The concern for an adequate amount of space to accommodate the expected evacuating populations led to a statewide program of surveying and inventorying facilities that could house evacuees when hurricanes threaten. By direction of the Legislature, the Division annually issues the *Shelter Development Report* (“report”), providing a list of facilities recommended to be retrofitted or constructed using state funds. The objective of development is to improve relative safety and reduce the state’s hurricane evacuation shelter space deficit.

The assessments of available spaces in this report reflect only those listed in the current SESP inventory that meet the state’s minimum hurricane safety guidelines, which include protection from high winds, coastal storm surge, and inland flood waters. Florida recognizes the square footage space recommendations for general populations set by the American Red Cross (ARC) to standardize the need and evaluate the adequacy of spaces (20 sq. ft./space). Special needs spaces, which by practice in Florida are increased to accommodate equipment and caregiving needs, are three times the single client space at 60 sq. ft./space. During a public health emergency, the minimum space requirement for general population and special needs hurricane evacuation shelters is increased to 60 sq. ft./evacuee.

The report is provided to the President of the Senate, the Speaker of the House of Representatives, and the Governor, and recommends and prioritizes development projects based on each Regional Planning Council (RPC) public hurricane evacuation space status.

B. CURRENT SITUATION

In Florida, every county is at risk for hurricanes and hurricane-related hazards, including flooding, storm surge, high winds, and power outages. These hazards place specific physical, geographical, and infrastructure limitations on what is recognized as a suitable and safe hurricane evacuation space. Florida is particularly vulnerable to tropical systems, with four (4) major hurricanes making landfall in the past six (6) years (Irma, Michael, Ian, Idalia). These large systems result in impacts well inland, including non-coastal counties, further underscoring the need for shelter spaces in all regions.

Most Florida hurricane evacuation shelters are buildings that serve another public purpose during day-to-day operations, such as schools and publicly-owned civic or recreation centers. Cumulatively, the state has sufficient space available for the general population during evacuations. Still, deficits remain in both individual counties, RPC regions, and when the public health emergency metric is applied.

The Legislature ([HB 705](#)) also requires one general population shelter per county to accept pets. 13 counties do not have adequate facilities to accommodate pets. Development of additional space is needed for individuals who would not otherwise evacuate an unsafe area during a storm without bringing their pet with them¹.

Following the 2020 public health emergency, evacuation shelter space requirements were updated to 60 sq. ft./evacuee to support social distancing, effectively cutting the available general population spaces by two-thirds. Statewide, there are insufficient spaces to meet general population demand during a public health emergency in all 67 counties. Through [SB 2006](#), the Legislature requires the Division to track space availability in the event of any potential public health emergency. Factoring in public health emergency spacing requirements into evacuation planning further underscores the importance of increasing available shelter spaces through development projects.

For the past two decades, the deficit in hurricane evacuation shelter space has decreased statewide due to newer constructed public school buildings meeting the Enhanced Hurricane Protection Area (EHPA) code provisions, additional buildings identified with as-is space, and others retrofitted when needed.

To accomplish development projects, a dedicated state funding source in the amount of \$3 million was specified by the Governor and Legislature within the Hurricane Loss Mitigation Program (HLMP) in [215.555\(7\)\(c\), Florida Statutes](#), from part of the Florida Hurricane Catastrophe Fund. Since the dedication of the program, the amount allocated to retrofit projects has not increased, while inflation and rising construction costs has decreased the number of projects able to be completed. The future safety of all our vulnerable citizens relies on the funding provided to increase the statewide public hurricane evacuation space inventory.

C. IMPACTS OF FUNDING CESSATION

The State Shelter Development Program is the only reliable source of hurricane evacuation shelter space development funds and is needed to support shelter deficit reduction. In RPC regions where the deficit of hurricane evacuation shelter space has been eliminated, by statute and code, additional EHPA-compliant structures are not required to be built. This may leave individual counties currently having shelter space deficits with no other options for developing additional space within new or existing facilities. Also, the preference for larger rooms with more square footage (e.g., a gymnasium compared to a classroom) and the need for standby electrical system support for special needs spaces has increased costs per hurricane evacuation shelter space.

The cost to retrofit each space has increased incrementally during the program’s life and exponentially in the last three years, while the annual allocation has never increased since its initial dedication. Before 2008, the running average to develop each 20 sq. ft. space was about \$165. This average is now closer to \$581.67 per 20 sq. ft. space (Table 1-1). Accordingly, the development of space for Special Needs Shelters (SpNS) requires three times the average cost of a general population space.

Per the IRS Information Letter referencing Index No. 61.00-00, dated November 21, 1994, obligations under contract cannot exceed the money in the Florida Hurricane Catastrophe Fund, which obligates \$3 million of HLMP funding to the Shelter Development Program. To keep pace with increasing construction costs and demand for larger space allocations and using the number of spaces created in 2008 as a baseline, the HLMP shelter development program should be increased from its current annual funding to become \$10 million (Table 1-2).

Table 1-1: Decrease in Spaces Added Over Time with Fixed HLMP Allocation			
Year	Cost/Space	Funding Allocation	# Spaces Created
2008	\$165.00	\$3,000,000	18,181
2023	\$581.67	\$3,000,000	5,157 (-13,024)

Table 1-2: Justification for Raising Annual HLMP Allocation			
Year	Cost/Space	Maintain 2008 # Spaces Added	Funding Allocation Required
2008	\$165.00	18,181	\$3,000,000
2023	\$581.67	18,181	\$10,575,342.27

As illustrated in Table 1-3, from 1999 to 2013, about \$80 million in federal and state funds were committed toward retrofitting suitable facilities, which funded about 486,000 hurricane evacuation shelter spaces. It is noted that federal funding was allowed through a separate program in the years 1999-2002. Subsequent changes in the federal guidelines and definitions of “shelter” have meant that federal funding for hurricane evacuation shelter development is no longer available. Beginning in 2003, state funds allocated from the HLMP alone have been used for shelter space development. With currently allocated funds of \$3 million annually through 2032, an estimated 46,413 (5,157/year) general population spaces will be added to the inventory of safe shelter space for Florida’s residents and visitors. With the continued growth of Florida’s population, the

need for shelter space will continue. If the funding is not increased, the preparedness of Florida’s hurricane response will be severely diminished at both the state and local levels.

Table 1-3: Historical Summary of Florida's Hurricane Shelter Retrofit Program				
Report Year	Annual Recommended Projects	Potential Spaces if Funded	Federal & State Funded Completed Projects	Spaces Gained
1999	\$16,185,193	88,679	\$8,473,341	72,230
2000	\$36,399,457	250,362	\$25,572,795	119,087
2001	\$26,943,516	119,905	\$5,233,731	20,574
2002	\$26,959,668	157,326	\$4,735,113	41,710
2003	\$23,349,714	137,985	\$3,000,000	33,381
2004	\$13,457,737	93,967	\$7,500,000	68,765
2005	\$11,882,722	68,882	\$3,000,000	24,481
2006	\$8,683,049	54,415	\$3,000,000	13,820
2007	\$10,956,377	82,930	\$6,607,263 ^b	25,645 ^a
2008	\$13,432,213	85,997	\$0	0 ^c
2009	\$11,777,884	69,465	\$3,000,000	14,427
2010	\$15,634,282	120,447	\$1,750,000	7,920 ^d
2011	\$20,337,203	109,308	\$2,250,000	14,974
2012	\$14,707,717	110,394	\$3,000,000	14,408
2013	\$12,745,072	87,150	\$3,000,000	14,810
2014	\$13,994,180	107,236	\$3,000,000	12,691 ^e
2015	\$15,188,945	117,609	\$3,000,000	11,165 ^e
2016	\$13,465,342	69,541	\$3,000,000	6,250 ^e
2017	\$13,794,763	65,303	\$3,000,000	6,250 ^e
2018	\$23,189,218	108,104	\$3,000,000	6,250 ^e
2019	\$30,864,820	141,050	\$3,000,000	6,250 ^e
2020	\$27,068,133	114,226	\$3,000,000	6,250 ^e
2021	\$31,181,782	100,350	\$3,000,000	6,250 ^e
2022	\$6,489,792	11,860	\$1,587,909	3,308
2023	\$6,819,390.72	11,722	\$0.00	0
TOTAL	\$445,508,170	2,484,213	\$105,710,152	550,896

^a \$6,607,263 was based on federal funds plus state match for FY 2007/2008 HB7121 and non-federal matched projects from Special Appropriation 1621X

^b 25,645 spaces were gained from HB 7121 & 1621X shelter retrofit projects

^c For Fiscal Year 08-09, no funds were appropriated for the Shelter Development Report

^d 7,920 reflects gain from FY 2010/2011 Specific Appropriation 1617 at \$1,750,000

^e FY 14-15 through FY 21-22 funding partially allocated (funding is obligated or under contract). Total spaces gained are estimated to be 50,000 (\$3 million annually / \$480 per space)

II. STRATEGY FOR PUBLIC SHELTER DEFICIT REDUCTION

Per Section 252.35, Florida Statutes, the Division is responsible for developing a strategy to eliminate the deficit of public hurricane evacuation shelter space in Florida. To accomplish this task, the Division developed the following multifaceted approach:

A. Develop and Implement the Model Hurricane Evacuation Shelter Survey Guidelines

The Division administers a survey program of existing schools, universities, community colleges, and other state, county, and municipally owned public buildings. Survey criteria include coastal, riverine, and lake storm surges; rainfall flooding and high wind hazards; and a basic Least-Risk Decision Making (LRDM) model and report format. The survey reports give preference to building qualities or features that performed well during Hurricane Andrew and avoid (or mitigate) those that performed poorly, and are updated to accommodate modern building codes, standards, guidelines, and practices.

B. Implement Hurricane Evacuation Shelter Survey Program

The Division completed the development and implementation of the LRDM survey and report procedures by 1997 and completed the first statewide baseline survey in 2005. The survey program continues as new facilities are constructed and older existing facilities require resurveying and updating. The Hurricane Evacuation Shelter Survey Program continues to improve accuracy and capture changes in the statewide inventory of hurricane evacuation shelters. The results of the surveys are used by state and local agencies to prepare and implement strategies to reduce and eliminate the deficit of recognized hurricane evacuation shelter space.

C. Retrofit/Construct Appropriate Facilities to Meet Public Shelter Guidelines

Since 1999, the State Legislature has provided recurring funds for development projects listed in the annual *Shelter Development Report*. The development projects identified through the survey program are recommended only when the retrofit can create spaces that meet the minimum safety criteria upon completion of the project.

For Fiscal Year 2023-2024, the State Legislature appropriated \$3 million to construct or retrofit public hurricane evacuation shelters, creating an estimated 5,157 additional general population spaces at current construction rates. The useful lifespan of retrofit products is expected to be about 15 years. Even with regular maintenance, products subject to harsh conditions will deteriorate over that span of time. Considering the aforementioned increase in construction cost, the lack of funding increase since its initial dedication, and the lifespan of products, an increase in dedicated funding for the Shelter Development Program is recommended.

D. Incorporate Hurricane Evacuation Shelter Design Criteria into New Public Building Construction Projects

The Florida Department of Education (FDOE) appointed a committee to develop a public shelter design criterion for new school facility construction projects. The committee included representatives from many stakeholder agencies (e.g., state and local emergency management, school boards, community college and university officials, the American Red Cross, architects, engineers, etc.). The committee's charge was to develop a set of practical and cost-effective design criteria to ensure that appropriate new educational facilities can serve the public for emergency management purposes. The final criterion recommended by the committee was consistent with the current safety criteria expressed in the LRDM surveys used by the Division.

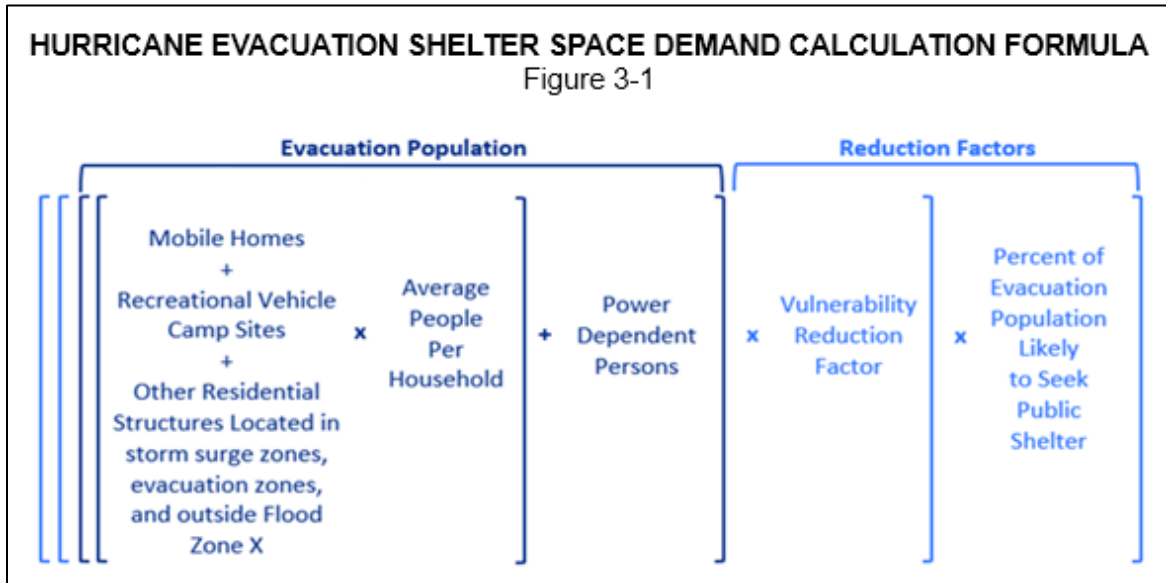
Schools are funded primarily by state and local capital outlay funds, and school districts are reporting that the EHPA construction cost premium is about 3-9%. Since 1997, EHPA construction has resulted in the creation of 435,800 spaces meeting American Red Cross Hurricane Evacuation Shelter Selection Standards (ARC HESSS) criteria and recognized by the Division as suitable shelter space. EHPA spaces account for approximately 42.5% of the statewide risk-recognized space inventory.

E. Improve Methods Utilized to Determine Shelter Demand and Capacity

Hurricane evacuation studies have historically been the primary source of information in determining hurricane evacuation shelter demand. However, shelter demand calculated using this source has recently become unpopular as it does not represent anticipated demand per county emergency management

directors across the state. Therefore, following the publishing of the 2022 SESP, the Division formed the SESP Working Group (Group) to develop and standardize demand and capacity determinations for the SESP. The Group consists of members from the Division, Florida Department of Education, Florida Department of Children and Families, American Red Cross, Florida Emergency Preparedness Association, Florida Regional Councils Association, and county emergency management directors (one appointed per RPC region).

To standardize the determination of demand and capacity, the Group developed a uniform formula to be used to calculate demand. While suitable capacity is determined through LRDM surveys completed by the Division, the county emergency management director has the capability to update a county's capacity with concurrency by the local school board based upon local operations. The formula developed for use to calculate shelter demand is expressed in Figure 3-1 below.



The sources and criteria used to develop the demand formula are as follows:

- Mobile Homes
 - Source: Florida Department of Highway Safety and Motor Vehicles
 - Criteria: All active manufactured home registrations (real property and vehicles)
- Recreational Vehicle (RV) Camp Sites
 - Source: Florida Department of Health
 - Criteria: All regularly inspected RV parks and campgrounds
- Other Residential Structures in Storm Surge Zones, Evacuation Zones, and outside Flood Zone X
 - Source: Florida Department of Revenue
 - Criteria: Property appraiser data – Land Use Codes 001 (SF), 003 (≥ 10 Units), 004 (Condos), 005 (Cooperatives), 008 (< 10 Units)
- Average People Per Household
 - Source: American Community Survey
 - Criteria: Average Number of People Per Household
- Power Dependent Persons
 - Source: US Department of Health and Human Services (emPOWER Map)
 - Criteria: Health and Human Services (HHS) emPOWER Map Historical Dataset - July Power Dependent Devices durable medical and assistive equipment (DME)
- Vulnerability Reduction Factor
 - Source: Center for Disease Control and Prevention (Social Vulnerability Index (SVI))
 - Criteria: Average of SVI Census Tracts having overall SVI Value of 0.75 thru 1.0. (If no census tracts report an SVI value reaching 0.75, use the overall SVI value of the census tract having the highest SVI)

- Percent of Evacuation Population Likely to Seek Public Shelter
 - Source: Regional Evacuation Study Behavioral Analysis
 - Criteria: 7.5% (average of the mobile home and site-built home response regarding seeking public shelter in a category 5 hurricane)

While past hurricane evacuations studies have indicated a reduction of a vulnerable population to seek public shelter during an evacuation event, the growth of the population in the state offsets some of the reduction in space needs. As of this writing, percentage demand is stable but increasing proportionally with vulnerable population numbers despite the observed behavioral change. Consequently, inventories of evacuation spaces will need to keep pace.

Also, changes in FEMA flood maps and National Weather Service (NWS) storm surge maps, coupled with recent population and demographic trends reflected in evacuation studies, created a significant increase in space demand beginning in 2016, which continues to impact demand currently. The forecast for the five-year period indicates higher demand for both general population and special needs shelters. These demand figures do not account for the aging of the current stock of public shelters nor the approaching end of the useful life of the original retrofit products. Florida’s aggregate statewide hurricane evacuation shelter space demand in Table B-1 (see Appendix B) is 824,866 spaces for 2023.

III. STATEWIDE PROGRESS IN SHELTER DEFICIT REDUCTION

A. PROGRESS REPORT

Since 1995, Florida has made significant progress toward improving the safety and availability of public hurricane evacuation shelter space. The combination of a comprehensive strategy of surveys, retrofitting of existing buildings, new construction, evacuation studies, and educating counties on the criteria to consider when retrofitting an existing building as a shelter or designing a new shelter is the basis for the success. The chart below compares the findings of the studies conducted between 2012 and 2023.

Table 3-1: Statewide Shelter Space Sufficient / Deficit in Evacuee Spaces			
Year	General Population	Special Needs	Public Health Emergency
2012	125,205	-20,829	n/a
2014	88,601	-14,218	n/a
2016	74,567	-23,431	n/a
2018	100,027	-19,956	n/a
2020 ^a	113,989	-9,139	37,996
2022 ^b	144,071	-3,312	-1,466,581
2023 ^c	165,679	-8,275	-460,573

^a FY 2020-2021 statewide evacuation study identified a reduction in shelter demand from 25% to 10%

^b Information was provided prior to sustained impacts from Hurricane Ian and Hurricane Nicole.

^c Information was provided prior to sustained impacts from Hurricane Idalia. Information is subject to change.

For a more in-depth look at the spaces created through retrofitting of existing facilities using state funds and spaces created through design and construction of new public-school facilities to EHPA code provisions while showing the estimated shelter demand for 2023, please review *Hurricane Evacuation Space Deficit Reduction Progress 1995-2023* in Appendix B.

The continuing success of retrofitting existing buildings, construction of newer schools, changes in the building code requiring impact resistance, and the ongoing shelter survey program at the Division continues to reduce demand on public facilities at the regional level; however, there is still more work to be done regarding reduction of the evacuation space deficit.

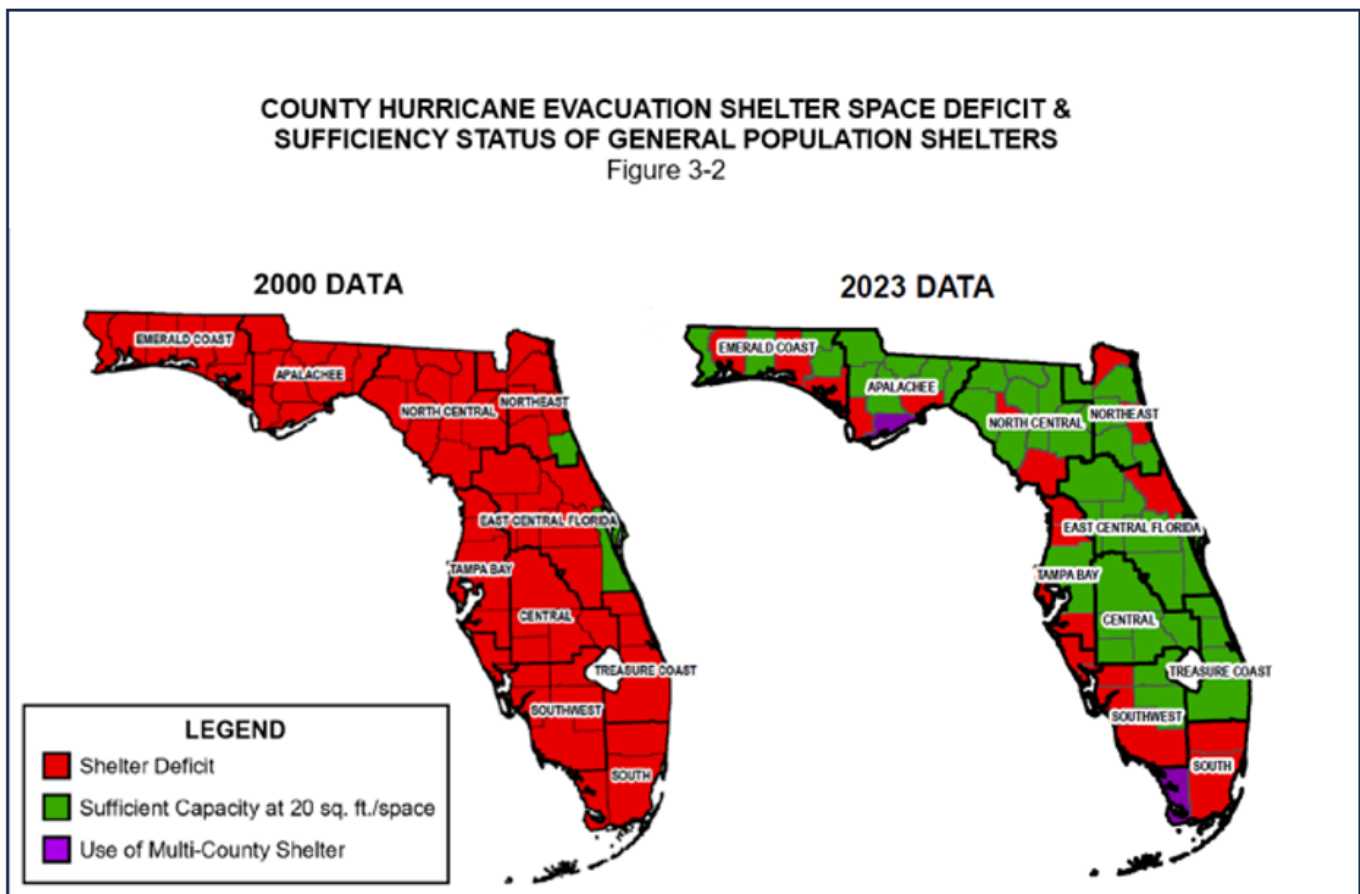
B. AREAS OF CONCERN

1. The Shelter Development Program must continue to create new spaces. Without the sustainment of this program and the additional spaces added each year, the overall statewide sufficiency would revert to deficit levels. For a list of retrofitted spaces completed or under construction after 2012 in this program, see Appendix B, Table B-1.

2. Spaces for special populations, such as people with pets that need shelter or individuals who are medically or electrically dependent, are still in deficit in over half of Florida's counties (40 of 67) despite space additions over the same period.

3. The development of the uniform hurricane evacuation shelter space demand formula by the Group and a detailed analysis of the SESP inventory has revealed that two (2) RPC regions, Southwest Florida and South Florida, have general population demand deficits. South Florida remains the region with the largest deficit in space. Factors such as geographically large storm surge areas and few opportunities to retrofit buildings have prevented the region from attaining more space. The statewide sufficiency does not reflect the need in these regions of concern. Currently, the state has seven (7) regions with deficits in buildings and spaces equipped to evacuate individuals with special needs.

The maps presented in Figure 3-2 underscore the value of this program for the State of Florida.



IV. METHODOLOGY FOR PRIORITIZATION

The hurricane evacuation shelter space deficit information used for this report was derived using the hurricane evacuation shelter space demand formula developed by the Group and by analysis of the current SESP inventory. As of this report, eight (8) out of ten (10) regions have no cumulative hurricane evacuation shelter space deficits. However, even though there may be sufficient cumulative capacity within regions, many individual counties still have deficits. Currently, eight (8) regions of the state have adequate general population spaces,

and three (3) regions have adequate special needs spaces. Twenty-two (22) counties have a deficit of general population spaces, and thirty-eight (38) counties have deficits in special needs spaces.

In prioritizing projects, the Division based its recommendations on the criteria found in statute and described below. All projects - at completion - must meet the minimum safety standards set by the Division in its Least Risk Decision Making (LRDM) reports. Projects are not recommended when a condition exists that would exclude the building as a shelter.

The following is a listing of the specific criteria used by Division staff to recommend each project based upon information provided with each project report:

- Storm Surge Inundation
- Rainfall Flooding / Dam Safety
- Hazmat and Nuclear Power Plant Considerations
- Lay-down Hazard Exposure
- Wind and Debris Exposure
- Wind Design
- Construction Type / Continuous Loadpath
- Building / Site Condition / Wind Damage History
- Exterior Wall Construction
- Fenestration / Window Protection
- Roof Construction / Roof Slope
- Roof Open Span
- Roof Drainage / Ponding
- Life Safety / Emergency Power

Section [252.385\(3\), Florida Statutes](#), directs that priority be given to regions of the state where shelter deficits are greatest. In accordance with this statute, recommended shelter development projects are prioritized as follows, with 1 being the highest priority and 3 being the lowest priority:

1. Buildings located within RPC regions with a deficiency in shelter space and within counties having a deficit in shelter space.
2. Buildings located within RPC regions with a deficiency in shelter space.
3. Buildings located within counties with a deficiency in shelter space.

OTHER CONSIDERATIONS:

Building Ownership and Availability for Use as a Public Hurricane Evacuation Risk Shelter:

Public buildings, by statute, may be activated for use as an emergency shelter. Public facilities are generally subject to inclusion in the Division's public hurricane evacuation shelter survey program. Private facilities, such as religious, civic, or fraternal organizations' multi-purpose buildings, private schools, arenas, stadiums, convention, or conference centers were recommended for development based on local need for public shelter space, previous history as a public shelter, and/or existing written agreements and endorsement by the local emergency management director. Full availability means that during a declared local state of emergency and upon request by local emergency management, the public shelter function will take priority over all other activities.

Cost-Effectiveness of Project(s):

Recommended projects, upon completion, must increase the number of shelter spaces available in the county and region. This item serves to maximize the use of state funds.

Age of Building:

Structures are evaluated on their ability to shelter individuals during a severe windstorm or major hurricane; therefore, the lifespan of the building, construction, and structural and envelope characteristics are considered when determining retrofit eligibility. Typically, unreinforced masonry walls, flat lightweight roofs over uncertified long spans, pre-engineered metal buildings, lack of load-path connectors, etc. will disqualify a building from consideration. Additionally, buildings designed and constructed to the Florida Building Code (2003-present) are expected to perform better than those built to an older code with less stringent wind design. In some counties, where the availability of newer buildings is rare, this priority is waived.

Hazard and Building Design and Construction Criteria:

There is only nominal value to installing window protection systems on a shelter building if there are other “weak links” that are limiting factors for the building’s hurricane performance. Storm surge and rainfall are important factors when reviewing and prioritizing a building as a potential hurricane evacuation shelter.

Critical building envelope features (exterior wall and roof construction, percentage of glass in exterior walls, long span roof, etc.), year built to determine design wind code requirements, presence of interior core area or storm room, and other construction factors must be included in the decision to utilize the building as a hurricane evacuation shelter and establish its priority for retrofitting.

Recommendation for retrofit cannot be justified if the given facility is subject to the below hazards that cannot be overcome through retrofitting:

1. The facility is in a sea, lake, and overland surges from hurricanes (SLOSH) or Storm Surge evacuation zone. The point system used for this item is generally consistent with Section [1013.372\(1\), Florida Statutes](#), which exempts educational facilities from the public shelter design criteria if located within a Category 1, 2, or 3 evacuation zone.
2. The facility is in a flood zone according to the National Flood Insurance Program (NFIP) Flood Insurance Rate Map (FIRM) flood zone (as established in the most recently published FIRM). Exception is given, on occasion, to those counties (such as Miami-Dade and Collier) whose populations live in areas that are extremely flat and provide very limited natural drainage.

V. RECOMMENDATIONS

A. PROJECT IDENTIFICATION PROCEDURES

While the Division’s hurricane evacuation shelter survey work product acts as the basis for data used to compile the report, the Division recognizes that local professionals are aware of public spaces and are positioned to make the best recommendations to serve their communities. The *Shelter Development Report* is a collaborative effort between the local school boards, public and private agencies, and county emergency managers. County emergency managers’ report changes or updates annually to their local shelter planning department and to the Division as a contribution to the report’s data. Other information is provided by the Florida Department of Management Services (DMS) and Florida Department of Education (FDOE), whose buildings are the primary cohort of public evacuation shelter space.

The Division’s structural analysts evaluate potential buildings to verify compliance with LRDM safe shelter guidelines. Data is compiled into an LRDM report potentially indicating a recommendation for shelter development projects. Division staff review the potential projects, from the current and previous years, and prioritize projects according to statute.

B. PROJECTS RECOMMENDED

The Division has identified 353 projects able to meet the hurricane evacuation shelter standard after development. Each proposed project is required to rank as either “preferred” or “less preferred/marginal” for all survey criteria on the respective LRDM report when the project is complete. All projects were evaluated using factors such as: regional and local (county) hurricane evacuation shelter space deficit; greatest

provision of space; cost efficiency per space; and vulnerability to high winds and storm surge. For the complete list of recommended projects see Appendix A.

Table 5-1 provides a summary of the proposed shelter development projects; the RPC and county served; the construction-related estimated costs of the proposed projects; and the total hurricane evacuation shelter space capacity that will be created upon completion.

Table 5-1: 2022 Shelter Development Report Recommended Projects			
(October 2022)			
RPC	County	SDR Projects Cost Estimate	Spaces Added
Emerald Coast			
Emerald Coast	Bay	\$3,007,815.57	5,171
Emerald Coast	Walton	\$1,669,975	2,871
Emerald Coast Totals:		\$4,677,790	8,042
Apalachee			
Apalachee	Calhoun	\$581,670	1,000
Apalachee	Gadsden	\$1,409,386	2,423
Apalachee	Jackson	\$58,167	100
Apalachee	Jefferson	\$126,000	78
Apalachee	Leon	\$7,336,604	12,613
Apalachee	Liberty	\$545,025	937
Apalachee	Suwannee	\$0	0
Apalachee	Wakulla	\$3,034,572	5,217
Apalachee Totals:		\$13,091,424	22,368
North Central Florida			
North Central Florida	Alachua	\$1,466,390	2,521
North Central Florida	Columbia	\$667,175	1,147
North Central Florida	Hamilton	\$1,742,683	2,996
North Central Florida	Taylor	\$1,387,283	2,385
North Central Florida Totals:		\$5,263,532	9,049
Northeast Florida			
Northeast Florida	Clay	\$165,776	285
Northeast Florida	Duval	\$2,178,354	3,745
Northeast Florida	Flagler	\$851,565	1,464
Northeast Florida	Nassau	\$2,126,586	3,656
Northeast Florida Totals:		\$5,322,281	9,150
East Central Florida			
East Central Florida	Lake	\$788,163	1,355
East Central Florida	Marion	\$171,593	295
East Central Florida	Orange	\$6,069,145	10,434
East Central Florida	Osceola	\$2,303,995	3,961
East Central Florida	Seminole	\$464,754	799
East Central Florida	Sumter	\$910,314	1,565
East Central Florida	Volusia	\$7,238,301	12,444
East Central Florida Totals:		\$17,946,265	30,853

Central Florida			
Central Florida	DeSoto	\$1,081,325	1,859
Central Florida	Hardee	\$127,967	220
Central Florida	Highlands	\$1,009,197	1,735
Central Florida	Okeechobee	\$674,737	1,160
Central Florida	Polk	\$3,176,500	5,461
Central Florida Totals:		\$6,069,726	10,435
Tampa Bay			
Tampa Bay	Citrus	\$860,290	1,479
Tampa Bay	Hernando	\$878,322	1,510
Tampa Bay	Manatee	\$770,713	1,325
Tampa Bay	Pasco	\$5,457,810	9,383
Tampa Bay	Pinellas	\$1,290,726	2,219
Tampa Bay Totals:		\$9,257,860	15,916
Southwest Florida			
Southwest Florida	Charlotte	\$610,754	1,050
Southwest Florida	Glades	\$136,692	235
Southwest Florida	Lee	\$2,917,075	5,015
Southwest Florida	Sarasota	\$410,659	706
Southwest Florida Totals:		\$4,075,180	7,006
Treasure Coast			
Treasure Coast	Indian River	\$587,487	1010
Treasure Coast	Martin	\$1,675,791	2,881
Treasure Coast	Palm Beach	\$290,835	500
Treasure Coast	St. Lucie	\$513,033	882
Treasure Coast Totals:		\$3,067,146	5,273
South Florida			
South Florida	Broward	\$1,047,006	1,800
South Florida	Miami-Dade	\$500,236	860
South Florida Totals:		\$1,547,242	2,660
Statewide Total		\$70,318,446	120,752

If funded, the projects listed in this report will provide an estimated increase of 120,752 hurricane evacuation shelter spaces at \$70,318,446 (estimated construction-related costs). Projects that include a standby electrical system power source add to the shelter's overall functionality and sustainability but may not increase shelter space capacity. Standby electrical system projects will decrease the special needs space deficits in counties and regions where sufficient general population shelters are already in place.

**APPENDIX A:
2023 SHELTER DEVELOPMENT REPORT RECOMMENDED PROJECTS**

RPC	County	Site Name/Bldg ID	Year Built	Spaces Added	Project Description	SDR Project Estimate
Emerald Coast						
Emerald Coast	Bay	Jinks MS Music CR 6	2003	125	Fenestration Protection	\$72,709
Emerald Coast	Bay	Jinks MS Band CR 10	2000	125	Fenestration Protection	\$72,709
Emerald Coast	Bay	Moseley HS Media	2004	736	Fenestration Protection	\$428,109
Emerald Coast	Bay	Mowat MS Gym	2009	851	Fenestration Protection	\$495,001
Emerald Coast	Bay	Mowat MS 11 CR	2009	851	Fenestration Protection	\$495,001
Emerald Coast	Walton	Mossy Head D CR	2006	307	Fenestration Protection	\$178,573
Emerald Coast	Walton	Mossy Head E Cafeteria	2006	336	Fenestration Protection	\$195,441
Emerald Coast	Walton	Walton MS AB CR	2012	194	Fenestration Protection	\$112,844
Emerald Coast	Walton	Walton MS C CR	2012	194	Fenestration Protection	\$112,844
Emerald Coast	Walton	Walton MS DE Gym	2012	744	Fenestration Protection	\$432,762
Emerald Coast	Walton	Walton MS FG CR	2012	157	Fenestration Protection	\$91,322
Emerald Coast	Walton	Walton MS FHJ Media	2012	266	Fenestration Protection	\$154,724
Emerald Coast	Walton	Walton MS MQ CR	2012	236	Fenestration Protection	\$137,274
Emerald Coast	Walton	Walton MS NP CR	2012	159	Fenestration Protection	\$92,486
Emerald Coast	Walton	Walton MS R CR	2012	90	Fenestration Protection	\$52,350
Emerald Coast	Walton	Walton MS S Admin	2012	107	Fenestration Protection	\$62,239
Emerald Coast	Walton	Walton MS T CR	2012	81	Fenestration Protection	\$47,115
Emerald Coast	Bay	Bay High School/Gymnasium (14)	2000	874	Fenestration Protection	\$508,380
Emerald Coast	Bay	Oakland Terrace Elementary School/Cafeteria (9)	2005	184	Fenestration Protection	\$107,027
Emerald Coast	Bay	Crawford Mosely High School (2)	2003	58	Fenestration Protection	\$33,737
Emerald Coast	Bay	Hiland Park Elementary School (9)	1998	104	Lay Down Hazards, Fenestration Protection	\$60,494
Emerald Coast	Bay	Hiland Park Elementary School (10)	1998	132	Fenestration Protection	\$76,780
Emerald Coast	Bay	Merriam Cherry Elementary School/Cafeteria (11)	2005	262	Fenestration Protection	\$152,398
Emerald Coast	Bay	Rutherford High School/Gymnasium (17)	2009	869	Fenestration Protection	\$505,471
Apalachee						
Apalachee	Calhoun	Altha ES 2 CR	2015	422	Fenestration Protection/GenSet	\$245,465
Apalachee	Calhoun	Altha ES 5 CR	2015	449	Fenestration Protection/GenSet	\$261,170
Apalachee	Calhoun	Blountstown HS	2011	129	Fenestration Protection/GenSet	\$75,035
Apalachee	Gadsden	Gadsden County HS 2 Media	2001	525	Fenestration Protection	\$305,377
Apalachee	Gadsden	Gadsden County HS 3 CR	2001	525	Fenestration Protection	\$305,377
Apalachee	Gadsden	West Gadsden MS 6 Music	2005	104	Fenestration Protection	\$60,494
Apalachee	Gadsden	Greensboro ES (aka HS) 2 CR	1994	454	Fenestration Protection	\$264,078
Apalachee	Gadsden	Greensboro ES (aka HS) 3 Cafeteria	1994	187	Fenestration Protection	\$108,772
Apalachee	Gadsden	Gadsden Community Hospital	TBD	628	Fenestration Protection/GenSet	\$365,289
Apalachee	Jackson	Graceville HS	TBD	100	Need LRDM	\$58,167
Apalachee	Jefferson	Jefferson K-12 Building 2 & 6	2023	78	ATS & Genset Wiring	\$126,000
Apalachee	Leon	FAMU DRS 3 CR	2007	672	Fenestration Protection	\$390,882
Apalachee	Leon	FAMU DRS 5 CR	2007	532	Fenestration Protection	\$309,448
Apalachee	Leon	FAMU DRS 6 CR	2007	557	Fenestration Protection	\$323,990
Apalachee	Leon	FAMU Campus / 029-Recreation Center - Phase 1	2004	TBD	Fenestration Protection	\$0
Apalachee	Leon	FAMU Campus / 029-Recreation Center - Phase 2	2009	TBD TBD	Fenestration Protection	\$0
Apalachee	Leon	Lawton Chiles HS 9 CR	2004	344	Fenestration Protection	\$200,094
Apalachee	Leon	Augusta RAA MS 4 CR	2004	227	Fenestration Protection	\$132,039
Apalachee	Leon	Augusta RAA MS 6 CR	2007	186	Fenestration Protection	\$108,191
Apalachee	Leon	Lawton Chiles HS 14 CR	2007	180	Fenestration Protection	\$104,701
Apalachee	Leon	Lawton Chiles HS 6 Gym	1998	618	Engineering / Fenestration Protection	\$359,472
Apalachee	Leon	Woodville ES 8 Cafeteria	2015	154	Fenestration Protection	\$89,577
Apalachee	Leon	Augusta RAA MS 18 Cafeteria	2004	148	Fenestration Protection	\$86,087
Apalachee	Leon	Lawton Chiles HS 7 CR	1998	307	Fenestration Protection	\$178,573
Apalachee	Leon	Lawton Chiles HS 8 CR	1998	227	Fenestration Protection	\$132,039
Apalachee	Leon	Lawton Chiles HS 5 Auditorium	1998	105	Engineering/ Fenestration Protection	\$61,075
Apalachee	Leon	Lawton Chiles HS 3 Cafeteria	1997	46	Engineering/ Fenestration Protection	\$26,757
Apalachee	Leon	FAMU DRS 2 Admin/Media	2007	40	Fenestration Protection	\$23,267
Apalachee	Leon	FAMU_029-A_Rec_Center_Phase_01_Upper-and-Middle (Bldg-029.A)	2004	88	Fenestration Protection	\$51,187

Apalachee	Leon	FAMU_029-C_Rec_Center_Phase_02_South-Addition (Bldg-029.C)	2009	601	Fenestration Protection	\$349,584
Apalachee	Leon	FAMU_186_461_FAMU_TOWERS_NORTH_NorthCenter (Bldg-461-N-Central)	2020	144	Fenestration Protection	\$83,760
Apalachee	Leon	FAMU_186_461_FAMU_TOWERS_NORTH_NorthEast-1rst (Bldg-461-NE-1rst)	2020	89	Fenestration Protection	\$51,769
Apalachee	Leon	FAMU_186_461_FAMU_TOWERS_NORTH_NorthEast-2nd-3rd-4th (Bldg-461-NE-2nd-3rd-4th)	2020	672	Fenestration Protection	\$390,882
Apalachee	Leon	FAMU_186_461_FAMU_TOWERS_NORTH_NorthWest-1rst (Bldg-461-NW-1rst)	2020	246	Fenestration Protection	\$143,091
Apalachee	Leon	FAMU_186_461_FAMU_TOWERS_NORTH_NorthWest-2nd-3rd-4th (Bldg-461-NW-2nd-3rd-4th)	2020	833	Fenestration Protection	\$484,531
Apalachee	Leon	FAMU_186_451_FAMU_TOWERS_SOUTH_SouthCenter (Bldg-451-S-Central)	2020	144	Fenestration Protection	\$83,760
Apalachee	Leon	FAMU_186_451_FAMU_TOWERS_SOUTH_SouthEast-1rst (Bldg-451-SE-1rst)	2020	110	Fenestration Protection	\$63,984
Apalachee	Leon	FAMU_186_451_FAMU_TOWERS_SOUTH_SouthEast-2nd-3rd-4th (Bldg-451-SE-2nd-3rd-4th)	2020	544	Fenestration Protection	\$316,428
Apalachee	Leon	FAMU_186_451_FAMU_TOWERS_SOUTH_SOUTHWest-1rst (Bldg-451-SW-1rst)	2020	249	Fenestration Protection	\$144,836
Apalachee	Leon	FAMU_186_451_FAMU_TOWERS_SOUTH_SouthWest-2nd-3rd-4th (Bldg-451-SW-2nd-3rd-4th)	2020	770	Fenestration Protection	\$447,886
Apalachee	Leon	FAMU_136_C_VILLAGES_Center (Bldg-136-C)	2014	204	Fenestration Protection	\$118,661
Apalachee	Leon	FAMU_136_E_VILLAGES_EastWing_Housing (Bldg-136-E)	2014	947	Fenestration Protection	\$550,841
Apalachee	Leon	FAMU_136_ES_VILLAGES_SouthEastWing_Housing (Bldg-136-ES)	2014	1089	Fenestration Protection	\$633,439
Apalachee	Leon	FAMU_136_W_VILLAGES_W_WestWing_Housing (Bldg-136-W)	2014	868	Fenestration Protection	\$504,890
Apalachee	Leon	FAMU_136_WS_VILLAGES_SouthWestWing_Housing (Bldg-136-WS)	2014	672	Fenestration Protection	\$390,882
Apalachee	Liberty	New HS 1 CR	2020	395	Fenestration Protection	\$229,760
Apalachee	Liberty	New HS 2 Admin & Art	2020	147	Fenestration Protection	\$85,505
Apalachee	Liberty	New HS 3 CR	2020	395	Fenestration Protection	\$229,760
Apalachee	Suwanee	Suwanee ES - for pets	2008	0	Fenestration Protection	\$0
Apalachee	Wakulla	Crawfordville ES 2 CR	2002	330	Fenestration Protection	\$191,951
Apalachee	Wakulla	Crawfordville ES 3 CR	2002	243	Fenestration Protection	\$141,346
Apalachee	Wakulla	Crawfordville ES 5 CR	2002	255	Fenestration Protection	\$148,326
Apalachee	Wakulla	Crawfordville ES 6 CR	2002	294	Fenestration Protection	\$171,011
Apalachee	Wakulla	Crawfordville ES 7 CR	2002	270	Fenestration Protection	\$157,051
Apalachee	Wakulla	Riversink ES 2 CR	2007	435	Fenestration Protection	\$253,026
Apalachee	Wakulla	Riversink ES 3 Cafeteria	2007	312	Fenestration Protection	\$181,481
Apalachee	Wakulla	Riversink ES 5 CR	2007	446	Fenestration Protection	\$259,425
Apalachee	Wakulla	Riversink ES 6 CR	2007	398	Fenestration Protection	\$231,505
Apalachee	Wakulla	Shadeville ES 3A CR	2002	78	Fenestration Protection	\$45,370
Apalachee	Wakulla	Shadeville ES 3B CR	2002	77	Fenestration Protection	\$44,789
Apalachee	Wakulla	Crawfordville ES 4 CR	2002	27	Fenestration Protection	\$15,705
Apalachee	Wakulla	Riversink ES 4	2007	27	Fenestration Protection	\$15,705
Apalachee	Wakulla	Shadeville ES 1A	1989	473	Fenestration Protection	\$275,130
Apalachee	Wakulla	Shadeville ES 8 CR	1992	312	Fenestration Protection	\$181,481
Apalachee	Wakulla	Riversprings MS 1A	1999	223	Fenestration Protection	\$129,712
Apalachee	Wakulla	Riversprings MS 1B	1999	227	Fenestration Protection	\$132,039
Apalachee	Wakulla	Riversprings MS 1C	1999	268	Fenestration Protection	\$155,888
Apalachee	Wakulla	Shadeville ES 1B	1989	249	Fenestration Protection	\$144,836
Apalachee	Wakulla	Shadeville ES 1C	1989	249	Fenestration Protection	\$144,836
Apalachee	Wakulla	Riversprings MS 1D	1999	24	Fenestration Protection	\$13,960
		- 2004 Fitness & Multipurpose *upper-level(s)*				\$0
		- 2008 Basketball Gym (South Addition)				\$0
North Central Florida						
North Central Florida	Alachua	W.S. Talbot ES 4 CR	2005	379	Fenestration Protection	\$220,453
North Central Florida	Alachua	H. Bishop MS 31 CR	2004	186	Fenestration Protection	\$108,191
North Central Florida	Alachua	W.T. Loften SHS 24 Cafeteria / CR	2007	670	Fenestration Protection	\$389,719
North Central Florida	Alachua	M.K. Rawlings ES 4 Cafeteria	2006	207	Fenestration Protection	\$120,406
North Central Florida	Alachua	Santa Fe SHS 34 CR (west)	2008	414	Fenestration Protection	\$240,811
North Central Florida	Alachua	Duval Academy 4 Cafeteria	1997	225	Fenestration Protection	\$130,876
North Central Florida	Alachua	J. Williams ES 6 CR	1997	230	Fenestration Protection	\$133,784
North Central Florida	Alachua	J. Williams ES 7 Cafeteria	1999	210	Genset Protect Enclosure	\$122,151
North Central Florida	Columbia	Fort White HS 5 Gym	1999	510	Fenestration Protection	\$296,652
North Central Florida	Columbia	Fort White HS 9 Cafeteria	1999	367	Fenestration Protection	\$213,473
North Central Florida	Columbia	Fort White MS 27 Multipurpose	2007	162	Fenestration Protection	\$94,231
North Central Florida	Columbia	Fort White MS 26 CR	2007	108	Fenestration Protection	\$62,820
North Central Florida	Hamilton	Hamilton County ES 28 Cafeteria	2015	2250	Fenestration Protection	\$1,308,758

North Central Florida	Hamilton	Hamilton County HS 8 Cafeteria	2003	746	Fenestration Protection	\$433,926
North Central Florida	Taylor	Steinhatchee School 5 CR	1996	509	Fen. Protection& Genset	\$296,070
North Central Florida	Taylor	Taylor County ES 3 CR	2002	672	Fenestration Protection	\$390,882
North Central Florida	Taylor	Taylor County ES 6 CR	2002	571	Fenestration Protection	\$332,134
North Central Florida	Taylor	Taylor County ES 5 CR	2002	341	Fenestration Protection	\$198,349
North Central Florida	Taylor	Taylor County ES 4 CR	2002	292	Fenestration Protection	\$169,848
Northeast Florida						
Northeast Florida	Clay	Argyle ES 3 CR	2003	285	Fenestration Protection	\$165,776
Northeast Florida	Duval	Don Brewer ES 1D CR	2001	801	Fenestration Protection	\$465,918
Northeast Florida	Duval	Kernan Trail ES 1D CR	2002	839	Fenestration Protection	\$488,021
Northeast Florida	Duval	Oceanway ES 1D CR	2001	827	Fenestration Protection	\$481,041
Northeast Florida	Duval	Bartram Springs ES 1A CR	2009	374	Fenestration Protection	\$217,545
Northeast Florida	Duval	Bartram Springs ES 1B CR	2009	455	Fenestration Protection	\$264,660
Northeast Florida	Duval	Waterleaf ES 1B CR	2011	449	Fenestration Protection	\$261,170
Northeast Florida	Flagler	Belle Terre ES 3 CR	2004	464	Fenestration Protection	\$269,895
Northeast Florida	Flagler	Matanzas HS	2004	1000	Genset	\$581,670
Northeast Florida	Nassau	Wildlight ES 3	2016	386	Fenestration Protection	\$224,525
Northeast Florida	Nassau	Wildlight ES 4	2016	351	Fenestration Protection	\$204,166
Northeast Florida	Nassau	Wildlight ES 5	2016	393	Fenestration Protection	\$228,596
Northeast Florida	Nassau	Wildlight ES 6	2016	359	Fenestration Protection	\$208,820
Northeast Florida	Nassau	Yulee HS 4 Gym	2005	350	Fenestration Protection	\$203,585
Northeast Florida	Nassau	Yulee HS 6 Cafeteria	2005	350	Fenestration Protection	\$203,585
Northeast Florida	Nassau	Callahan IS 7 CR	2009	190	Fenestration Protection	\$110,517
Northeast Florida	Nassau	Yulee PS 10 CR	2009	190	Fenestration Protection	\$110,517
Northeast Florida	Nassau	Bryceville ES 2 CR	2005	177	Fenestration Protection	\$102,956
Northeast Florida	Nassau	Bryceville ES 7 CR	2007	167	Fenestration Protection	\$97,139
Northeast Florida	Nassau	Callahan IS 3 CR	1999	215	Fenestration Protection	\$125,059
Northeast Florida	Nassau	Callahan IS 4 CR	1999	265	Fenestration Protection	\$154,143
Northeast Florida	Nassau	Callahan IS 5 CR	1999	263	Fenestration Protection	\$152,979
East Central Florida						
East Central Florida	Lake	Pine Ridge ES 4 Cafeteria	2002	213	Fenestration Protection & Genset	\$123,896
East Central Florida	Lake	Lake Minneola HS Caf	2010	327	Fenestration Protection	\$190,206
East Central Florida	Lake	Lake Minneola HS Gym	2010	415	Fenestration Protection	\$241,393
East Central Florida	Lake	South Lake SHS 15 Cafeteria	2004	400	Genset	\$232,668
East Central Florida	Marion	Saddlewood ES 4 CR	2010	295	Fenestration Protection	\$171,593
East Central Florida	Orange	Meadowbrook MS 6 CR	2005	532	Fenestration Protection	\$309,448
East Central Florida	Orange	Meadowbrook MS 7 CR	2005	528	Fenestration Protection	\$307,122
East Central Florida	Orange	Wekiva HS 4 CR	2007	807	Fenestration Protection	\$469,408
East Central Florida	Orange	Wekiva HS 8 Aud/CR	2007	776	Fenestration Protection	\$451,376
East Central Florida	Orange	West Orange HS 4 CR	2008	710	Fenestration Protection	\$412,986
East Central Florida	Orange	West Orange HS 5 CR	2008	1,628	Fenestration Protection	\$946,959
East Central Florida	Orange	West Orange HS 6 CR	2008	792	Fenestration Protection	\$460,683
East Central Florida	Orange	West Orange HS 8 Aud/CR	2008	777	Fenestration Protection	\$451,958
East Central Florida	Orange	Avalon MS 2 CR	2006	335	Fenestration Protection	\$194,859
East Central Florida	Orange	Avalon MS 6 CR	2006	425	Fenestration Protection	\$247,210
East Central Florida	Orange	Avalon MS 7 CR	2006	491	Fenestration Protection	\$285,600
East Central Florida	Orange	Avalon MS 8 CR	2006	433	Fenestration Protection	\$251,863
East Central Florida	Orange	Legacy MS 2 CR	2005	345	Fenestration Protection	\$200,676
East Central Florida	Orange	Legacy MS 6 CR	2005	466	Fenestration Protection	\$271,058
East Central Florida	Orange	Legacy MS 7 CR	2005	489	Fenestration Protection	\$284,437
East Central Florida	Orange	Legacy MS 8 CR	2005	430	Fenestration Protection	\$250,118
East Central Florida	Orange	Meadowbrook MS 8 CR	2005	470	Fenestration Protection	\$273,385
East Central Florida	Osceola	Chestnut ES 1 Cafeteria	2005	322	Fenestration Protection	\$187,298
East Central Florida	Osceola	Kenansville Community Center	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Holopaw Community Center	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Marydia Community Center	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Robert Guevara Community Center	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Buenaventura Lakes Library	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Hart Memorial Library	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Kenansville Library	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Poinciana Library	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	St. Cloud Library	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	West Osceola Library	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Westside K-8 School -1 main		2439	Fenestration Protection	\$1,418,693
East Central Florida	Osceola	Kissimmee Civic Center	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Osceola	Osceola Heritage Park Event Center	TBD	100	Fenestration Protection	\$58,167
East Central Florida	Seminole	Oviedo SHS 7 Gym	2007	799	Fenestration Protection	\$464,754

East Central Florida	Sumter	South Sumter SHS 38 CR	2002	352	Fenestration Protection	\$204,748
East Central Florida	Sumter	South Sumter MS	2000	332	Fenestration Protection	\$193,114
East Central Florida	Sumter	South Sumter MS 24 CR	1999	332	Fenestration Protection	\$193,114
East Central Florida	Sumter	Wildwood MS/HS 29 CR	1999	318	Fenestration Protection	\$184,971
East Central Florida	Sumter	Lake Panasoffkee ES 11 CR	1999	231	Fenestration Protection	\$134,366
East Central Florida	Volusia	Creekside MS 2 Cafeteria	2003	309	Fenestration Protection	\$179,736
East Central Florida	Volusia	Deland SHS 1 Aud	2003	639	Fenestration Protection	\$371,687
East Central Florida	Volusia	Deland HS 14 CR	2003	585	Fenestration Protection	\$340,277
East Central Florida	Volusia	Deland HS 15 CR	2003	592	Fenestration Protection	\$344,349
East Central Florida	Volusia	Mainland SHS 2B CR	2006	1,341	Fenestration Protection	\$780,019
East Central Florida	Volusia	Deland HS 5 Cafeteria	2003	391	Fenestration Protection	\$227,433
East Central Florida	Volusia	Southwestern MS 5A Gym	2006	385	Fenestration Protection	\$223,943
East Central Florida	Volusia	Deland HS 17 CR	1999	614	Fenestration Protection	\$357,145
East Central Florida	Volusia	Deland HS 2 Gym	1999	773	Fenestration Protection	\$449,631
East Central Florida	Volusia	Heritage MS CR	2003	353	Fenestration Protection	\$205,330
East Central Florida	Volusia	Mainland SHS 3 Gym	2006	244	Fenestration Protection	\$141,927
East Central Florida	Volusia	Daytona Beach CC-Deland 8 CR	2002	130	Fenestration Protection	\$75,617
East Central Florida	Volusia	Mainland SHS 5 CR	2006	129	Fenestration Protection	\$75,035
East Central Florida	Volusia	Pride ES b1	2007	903	Fenestration Protection	\$525,248
East Central Florida	Volusia	Pride ES	2007	445	Fenestration Protection	\$258,843
East Central Florida	Volusia	Mainland SHS 2A Cafeteria	2006	TBD	Fenestration Protection	\$0
East Central Florida	Volusia	Pine Ridge HS - bldg 3 ESE Classroom	1994	340	Fenestration Protection	\$197,768
East Central Florida	Volusia	Pine Ridge HS - bldg 4 Vocational	1994	160	Fenestration Protection	\$93,067
East Central Florida	Volusia	Pine Ridge HS - bldg 5 Classroom	1994	574	Fenestration Protection	\$333,879
East Central Florida	Volusia	Pine Ridge HS - bldg 6 Classroom	1994	267	Fenestration Protection	\$155,306
East Central Florida	Volusia	Pine Ridge HS - bldg 7 Classroom	1994	708	Fenestration Protection	\$411,822
East Central Florida	Volusia	Pine Ridge HS - bldg 9 Music	1994	102	Fenestration Protection	\$59,330
East Central Florida	Volusia	Pine Ridge HS - bldg 10 Auditorium	1994	15	Fenestration Protection	\$8,725
East Central Florida	Volusia	Atlantic HS - bldg 1 Admin/Dining	1992	212	Fenestration Protection	\$123,314
East Central Florida	Volusia	Atlantic HS - bldg 2 Vocational	1992	137	Fenestration Protection	\$79,689
East Central Florida	Volusia	Atlantic HS - bldg 4 Vocational	1992	168	Fenestration Protection	\$97,721
East Central Florida	Volusia	Atlantic HS - bldg 5 Classroom	1992	295	Fenestration Protection	\$171,593
East Central Florida	Volusia	Atlantic HS - bldg 6 Classroom	1992	164	Fenestration Protection	\$95,394
East Central Florida	Volusia	Atlantic HS - bldg 7 Classroom	1992	705	Fenestration Protection	\$410,077
East Central Florida	Volusia	Atlantic HS - bldg 8 Gym	1992	642	Fenestration Protection	\$373,432
East Central Florida	Volusia	Atlantic HS - bldg 9 Music	1992	96	Fenestration Protection	\$55,840
East Central Florida	Volusia	Atlantic HS - bldg 10 Auditorium	1992	26	Fenestration Protection	\$15,123
Central Florida						
Central Florida	DeSoto	DeSoto SHS 1C Cafeteria	1977 / 2010	511	Fenestration Protection	\$297,233
Central Florida	DeSoto	DeSoto SHS 1F Gym	1977 / 2010	511	Fenestration Protection	\$297,233
Central Florida	DeSoto	Nocatee ES 8 CR	2008	148	Fenestration Protection	\$86,087
Central Florida	DeSoto	West ES 8 CR	2008	148	Fenestration Protection	\$86,087
Central Florida	DeSoto	South Florida State College 3 CR	2003	41	Fenestration Protection	\$23,848
Central Florida	DeSoto	Nocatee ES 4 CR	1999	275	Fenestration Protection	\$159,959
Central Florida	DeSoto	DeSoto County Library	1997 / 2008	120	Fenestration Protection	\$69,800
Central Florida	DeSoto	Memorial ES 15 CR	1999	105	Fenestration Protection	\$61,075
Central Florida	Hardee	Zolfo ES 10 CR (3rd Grade)	2001	0	Engineering	\$0
Central Florida	Hardee	Wauchula ES 5 ESE CR	1998	111	Fenestration & MEP/Genset	\$64,565
Central Florida	Hardee	Wauchula ES 6 Media	1998	109	Fenestration & MEP/Genset	\$63,402
Central Florida	Highlands	MLK Jr Memorial Field Gym	2002	415	Engineering Study	\$241,393
Central Florida	Highlands	Reflections on Silver Lake Comm Center	2005	75	Fenestration Protection	\$43,625
Central Florida	Highlands	Avon Park ES CR3	2002	415	Fenestration Protection	\$241,393
Central Florida	Highlands	Avon Park ES CR5	2002	415	Fenestration Protection	\$241,393
Central Florida	Highlands	Avon Park Rec Center	2002	415	Fenestration Protection	\$241,393
Central Florida	Okeechobee	Osceola MS 7 Gym	1995	1160	Fenestration Protection	\$674,737
Central Florida	Polk	Mobile Home Activity Center Main	1999	133	Fenestration Protection	\$77,362
Central Florida	Polk	Frostproof Middle School 7,8,9	1998	300	Fenestration Protection	\$174,501
Central Florida	Polk	Fort Meade MS / HS 19 CR	1998	160	Fenestration Protection	\$93,067
Central Florida	Polk	McKeel Academy 14 Gym SPN	1999	200	Fenestration Protection	\$116,334
Central Florida	Polk	Fort Meade MS /HS 17A CR	1998	191	Fenestration Protection	\$111,099
Central Florida	Polk	Ridge Community SPN	1998	160	Electrical for SpN	\$93,067
Central Florida	Polk	Fort Meade MS / HS 17B CR	1998	115	Fenestration Protection	\$66,892
Central Florida	Polk	Lake_Gibson_MS_1761 / Bldg_05	1996	256	Fenestration Protection	\$148,908
Central Florida	Polk	Kathleen_MS_1191 / Bldg_03 Class	2004	173	Fenestration Protection	\$100,629
Central Florida	Polk	Kathleen_MS_1191 / Bldg_02 Cafeteria	1960 / 2003	80	Engineering Study	\$46,534

Central Florida	Polk	Kathleen_MS_1191 / Bldg_07 Gym	1954 / 2003	261	Engineering Study	\$151,816
Central Florida	Polk	Socrum_ES_1901 / Bldg_01	1990	72	Fenestration Protection	\$41,880
Central Florida	Polk	Socrum_ES_1901 / Bldg_02	1990	112	Fenestration Protection	\$65,147
Central Florida	Polk	Socrum_ES_1901 / Bldg_03	1990	104	Fenestration Protection	\$60,494
Central Florida	Polk	Socrum_ES_1901 / Bldg_04	1990	172	Fenestration Protection	\$100,047
Central Florida	Polk	Socrum_ES_1901 / Bldg_05	1990	94	Fenestration Protection	\$54,677
Central Florida	Polk	Socrum_ES_1901 / Bldg_06	1990	139	Fenestration Protection	\$80,852
Central Florida	Polk	Socrum_ES_1901 / Bldg_07	2007	105	Fenestration Protection	\$61,075
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_01	1990	69	Fenestration Protection	\$40,135
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_02	1990	116	Fenestration Protection	\$67,474
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_03	1990	104	Fenestration Protection	\$60,494
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_04	1990	178	Fenestration Protection	\$103,537
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_05	1990	87	Fenestration Protection	\$50,605
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_06	1990	134	Fenestration Protection	\$77,944
Central Florida	Polk	Wendell_H_Watson_ES_1881 / Bldg_09	2009	90	Fenestration Protection	\$52,350
Central Florida	Polk	Southwest_ES_0231 / Bldg_06	1999	105	Fenestration Protection	\$61,075
Central Florida	Polk	Southwest_MS_0051 / Bldg_20	1992	39	Fenestration Protection	\$22,685
Central Florida	Polk	Mulberry_MS_1161 / Bldg_10	1994/ 2011	93	Fenestration Protection	\$54,095
Central Florida	Polk	Mulberry_MS_1161 / Bldg_11 POD B	1998	80	Fenestration Protection	\$46,534
Central Florida	Polk	Mulberry_MS_1161 / Bldg_12	1982/ 2011	50	Fenestration Protection	\$29,084
Central Florida	Polk	Mulberry_MS_1161 / Bldg_13 POD A	1998	62	Fenestration Protection	\$36,064
Central Florida	Polk	Mulberry_MS_1161 / Bldg_16-A 1st Floor Admin, Clinic	2011	62	Fenestration Protection	\$36,064
Central Florida	Polk	Mulberry_MS_1161 / 16-B_LRDM_Media_Classrooms_2nd-FLR	2011	67	Fenestration Protection	\$38,972
Central Florida	Polk	Mulberry_MS_1161 / Bldg_18	2011	89	Fenestration Protection	\$51,769
Central Florida	Polk	Scott_Lake_ES_1681 / Bldg_02 POD A	1998	105	Fenestration Protection	\$61,075
Central Florida	Polk	Eagle_Lake_ES_1701 / Bldg_03_POD_A_type-Prefab	1999	67	Fenestration Protection and Engineering Study	\$38,972
Central Florida	Polk	Eagle_Lake_ES_1701 / Bldg_05	2007	164	Fenestration Protection	\$95,394
Central Florida	Polk	Eagle_Lake_ES_1701 / Bldg_06	1989	60	Fenestration Protection and Engineering Study	\$34,900
Central Florida	Polk	Sleepy_Hill_ES_1271 (Bldg-01)	2008	6	Fenestration Protection	\$3,490
Central Florida	Polk	Sleepy_Hill_ES_1272 (Bldg-02)	2008	28	Fenestration Protection	\$16,287
Central Florida	Polk	Spessard_Holland_ES_1908 (Bldg-01)	2008	6	Fenestration Protection	\$3,490
Central Florida	Polk	Spessard_Holland_ES_1908 (Bldg-02)	2008	45	Fenestration Protection	\$26,175
Central Florida	Polk	Winter_Haven_HS_0481 (Bldg-33.A)	2010	60	Fenestration Protection	\$34,900
Central Florida	Polk	Winter_Haven_HS_0481 (Bldg-33.B)	2010	65	Fenestration Protection	\$37,809
Central Florida	Polk	Winter_Haven_HS_0481 (Bldg-34.A)	2010	332	Fenestration Protection	\$193,114
Central Florida	Polk	Winter_Haven_HS_0481 (Bldg-34.B)	2010	271	Fenestration Protection	\$157,633
Tampa Bay						
Tampa Bay	Citrus	Central Ridge ES 1 East Wing/CR	2006	733	Fenestration Protection	\$426,364
Tampa Bay	Citrus	Crest School 2 Main	1999	621	Fenestration Protection	\$361,217
Tampa Bay	Citrus	Central Ridge ES 1 Main/Admin & Media	2006	125	Fenestration Protection	\$72,709
Tampa Bay	Hernando	Suncoast ES 8 CR	2010	552	Engineering & Fenestration	\$321,082
Tampa Bay	Hernando	Nature Coast Tech HS 2 CR	2001	261	Engineering & Fenestration	\$151,816
Tampa Bay	Hernando	Chocachatti ES 6 CR	2005	241	Engineering & Fenestration	\$140,182
Tampa Bay	Hernando	Hernando SHS 30 CR	2008	230	Engineering & Fenestration	\$133,784
Tampa Bay	Hernando	West Hernando MS 6 Cafeteria	1993	226	Engineering & Fenestration	\$131,457
Tampa Bay	Manatee	Gullett ES 1 CR/Clinic 2nd Floor	2007	934	Fenestration Protection	\$543,280
Tampa Bay	Manatee	Lee MS 1G CR	2000	391	Fenestration & genset	\$227,433
Tampa Bay	Pasco	Wiregrass Ranch SHS 7 Cafeteria	2006	350	Harden exterior doors	\$203,585
Tampa Bay	Pasco	Wesley Chapel SHS 7 Gym	1998	865	Fenestration Protection	\$503,145
Tampa Bay	Pasco	Wesley Chapel SHS 8 Aud	1998	3184	Fenestration Protection	\$1,852,037
Tampa Bay	Pasco	Connerton ES 1 Admin / Media	2010	125	Fenestration Protection	\$72,709
Tampa Bay	Pasco	Connerton ES 2 CR	2010	125	Fenestration Protection	\$72,709
Tampa Bay	Pasco	Double Branch ES 1 Admin	2007	125	Fenestration Protection	\$72,709
Tampa Bay	Pasco	Double Branch ES 3 Cafeteria/Multipurpose	2007	125	Fenestration Protection	\$72,709
Tampa Bay	Pasco	Double Branch ES 2 CR	2007	125	Fenestration Protection	\$72,709
Tampa Bay	Pasco	Double Branch ES 4 CR	2007	125	Fenestration Protection	\$72,709
Tampa Bay	Pasco	Wesley Chapel SHS 5 Cafeteria	1998	350	Harden exterior doors	\$203,585
Tampa Bay	Pasco	Cypress M/HS 1 - Admin	2017	294	Fenestration Protection	\$171,011
Tampa Bay	Pasco	Cypress M/HS2 - Gym	2017	679	Fenestration Protection	\$394,954
Tampa Bay	Pasco	Cypress M/HS5 - Cafeteria & Art and Music	2017	547	Fenestration Protection	\$318,173
Tampa Bay	Pasco	Longleaf ES 1-Library & Classrooms	2005	289	Fenestration Protection	\$168,103
Tampa Bay	Pasco	Longleaf ES 2- Admin & ESE	2005	119	Fenestration Protection	\$69,219
Tampa Bay	Pasco	Longleaf ES 3- Multipurpose Dining & Stage	2005	185	Fenestration Protection	\$107,609

Tampa Bay	Pasco	New River ES 1 - CR	2007	110	Fenestration Protection	\$63,984
Tampa Bay	Pasco	New River ES 2-Media Room & CR	2007	367	Fenestration Protection	\$213,473
Tampa Bay	Pasco	New River ES 3-Dining & Multipurpose	2007	184	Fenestration Protection	\$107,027
Tampa Bay	Pasco	Oakslead ES 1 -ESE CR	2006	295	Fenestration Protection	\$171,593
Tampa Bay	Pasco	Oakslead ES 2-Admin & Classrooms	2006	111	Fenestration Protection	\$64,565
Tampa Bay	Pasco	Oakslead ES 3 - Multipurpose	2006	184	Fenestration Protection	\$107,027
Tampa Bay	Pasco	Trinity Oaks ES 1 CR	2001	201	Fenestration Protection	\$116,916
Tampa Bay	Pasco	Trinity Oaks ES 2 Admin &art	2001	122	Fenestration Protection	\$70,964
Tampa Bay	Pasco	Trinity Oaks ES 3 CR	2001	197	Fenestration Protection	\$114,589
Tampa Bay	Pinellas	McMullen Boothe ES 4 CR	1996	455	Fenestration Protection	\$264,660
Tampa Bay	Pinellas	McMullen Boothe ES 45CR	1996	455	Fenestration Protection	\$264,660
Tampa Bay	Pinellas	Fairmount ES 6 CR	2001	476	Fenestration Protection	\$276,875
Tampa Bay	Pinellas	Palm Harbor Senior Center	1999	257	Fenestration Protection	\$149,489
Tampa Bay	Pinellas	UPARC Long Center	1988	420	Fenestration Protection	\$244,301
Tampa Bay	Pinellas	Seminole_MS_3940 (Bldg_03)	1983	106	Fenestration Protection	\$61,657
Tampa Bay	Pinellas	Countryside_HS_0760 (Bldg_06)	1990	50	Fenestration Protection	\$29,084
Southwest Florida						
Southwest Florida	Charlotte	Charlotte County Airport Baggage Claims	TBD	800	Fenestration Protection	\$465,336
Southwest Florida	Charlotte	Charlotte Preparatory School	TBD	250	Fenestration Protection and GenSet	\$145,418
Southwest Florida	Glades	Glades County Health Dept 1 Main	2011	235	Fenestration Protection	\$136,692
Southwest Florida	Lee	Veteran's Park Academy 3 Caf	2003	2763	GenSet Protection	\$1,607,154
Southwest Florida	Lee	Veteran's Park Academy 9 Cafeteria	2003	990	Fenestration Protection	\$575,853
Southwest Florida	Lee	East Lee County HS 1 Multipurpose / PE	2005	250	Fenestration Protection	\$145,418
Southwest Florida	Lee	East Lee County HS 1 Aud	2005	200	Fenestration Protection	\$116,334
Southwest Florida	Lee	East Lee County HS 1 CR	2005	200	Fenestration Protection	\$116,334
Southwest Florida	Lee	East Lee County HS 1 Cafeteria	2005	200	Fenestration Protection	\$116,334
Southwest Florida	Lee	Sunshine ES 5 CR	2006	212	Fenestration Protection	\$123,314
Southwest Florida	Lee	Varsity Lakes MS 2 Cafeteria / Art	2003	200	Fenestration Protection	\$116,334
Southwest Florida	Sarasota	State College of Florida - Lakewood Ranch	2011	450	Fenestration Protection	\$261,752
Southwest Florida	Sarasota	Woodland MS	2007	256	Fenestration Protection	\$148,908
Treasure Coast						
Treasure Coast	Indian River	Liberty Magnet 1 Main	2005	184	Fenestration Protection	\$107,027
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-01_A Wing_0100	1990	42	Fenestration Protection	\$24,430
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-01_B Wing_0200	1990	139	Fenestration Protection	\$80,852
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-01_C Wing_0300	1990	10	Fenestration Protection	\$5,817
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-01_D Wing_0400	1990	192	Fenestration Protection	\$111,681
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-05 Wing_0500	1990	12	Fenestration Protection	\$6,980
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-06 Wing_0600	1990	203	Fenestration Protection	\$118,079
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-07 Wing_0700	2009	187	Fenestration Protection	\$108,772
Treasure Coast	Indian River	Treasure_Coast_ES_0341 / B-08 Wing_0800	2009	41	Fenestration Protection	\$23,848
Treasure Coast	Martin	Indiantown MS 5 Cafeteria	2010	600	GenSet	\$349,002
Treasure Coast	Martin	Port Salerno ES 1 Main	2002	1,300	GenSet	\$756,171
Treasure Coast	Martin	Willoughby Learning Center	1998	600	GenSet	\$349,002
Treasure Coast	Martin	Warfield ES 8 Cafeteria	2006	231	Common Space Protection	\$134,366
Treasure Coast	Martin	Cassidy Rec Center	2003	150	Fenestration Protection	\$87,251
Treasure Coast	Palm Beach	Florida Atlantic University - Business	2004	500	Fenestration Protection	\$290,835
Treasure Coast	St. Lucie	Dannn McCarty MS 20 CR	2001	882	Fenestration Protection	\$513,033
South Florida						
South Florida	Broward	Floranada ES a	1999	900	Fenestration Protection	\$523,503
South Florida	Broward	Floranada ES b	1999	900	Fenestration Protection	\$523,503
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 10 CR / Media	1990	324	Fenestration Protection	\$188,461
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 3 CR	1990	171	Fenestration Protection	\$99,466
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 1/2 Admin / CR	1990	51	Fenestration Protection	\$29,665
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 7/8 ESE	1990	101	Fenestration Protection	\$58,749
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 9 CR	1990	136	Fenestration Protection	\$79,107
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 4 CR	1990	49	Fenestration Protection	\$28,502
South Florida	Miami-Dade	Marjory Stoneman Douglas ES 8 ESE	1990	28	Fenestration Protection	\$16,287

**APPENDIX B:
HURRICANE EVACUATION SHELTER DEFICIT REDUCTION PROGRESS**

RPC	County	2023 Maximum Shelter Demand in Spaces	2023 SESP Operational spaces	Cumulative School EHPA Capacity	1995–2023 Development & As-Is Spaces	Retrofit Shelter Capacity Under Contract	Is the County/ Region in Deficit?
Emerald Coast	Bay	13,182	5,424	0	6,285	1,093	Yes
Emerald Coast	Escambia	5,196	35,296	1,215	34,081	0	No
Emerald Coast	Holmes	430	2,360	910	713	0	No
Emerald Coast	Okaloosa	8,152	11,360	0	7575	0	Yes
Emerald Coast	Santa Rosa	4,797	3,937	0	5,291	0	No
Emerald Coast	Walton	5,293	3,232	0	1747	0	Yes
Emerald Coast	Washington	499	6,171	172	4569	0	No
Emerald Coast Subtotals		37,549	67,780	2,297	60,261	1,093	No
Apalachee	Calhoun	295	3,161	0	1365	0	No
Apalachee	Franklin	1,137	0	0	0	0	Yes
Apalachee	Gadsden	756	6,456	1,443	2,753	734	No
Apalachee	Gulf	1,044	418	186	232	0	Yes
Apalachee	Jackson	914	2,865	2,264	601	0	No
Apalachee	Jefferson	233	2,197	689	1,508	78	No
Apalachee	Leon	2,270	20,936	1,223	19,713	0	No
Apalachee	Liberty	138	2,302	955	1,347	0	No
Apalachee	Wakulla	1,375	443	0	443	0	Yes
Apalachee Subtotals		8,162	38,778	6,760	27,962	812	No
North Central Florida	Alachua	2,419	13,675	2,536	11,139	252	No
North Central Florida	Bradford	675	2,174	0	2,174	0	No
North Central Florida	Columbia	1,654	6,244	4,419	1,825	0	No
North Central Florida	Dixie	761	6,212	0	6,212	0	No
North Central Florida	Gilchrist	672	3,013	0	3,013	0	No
North Central Florida	Hamilton	367	1,143	811	332	0	No
North Central Florida	Lafayette	238	387	0	387	0	Yes
North Central Florida	Levy	1,940	1,788	0	1,788	0	Yes
North Central Florida	Madison	461	2,894	0	2,894	0	No
North Central Florida	Suwannee	1,424	4,818	3,774	1,044	0	No
North Central Florida	Taylor	905	3,045	0	3,045	0	No
North Central Florida	Union	203	432	0	432	0	No
North Central Florida Subtotals		11,719	45,825	11,540	34,285	252	No
Northeast Florida	Baker	350	3,227	1,829	1,398	0	No
Northeast Florida	Clay	6,510	12,041	4,796	7,245	2,466	No
Northeast Florida	Duval	35,166	37,867	9,701	28,166	0	No
Northeast Florida	Flagler	3,739	12,300	909	11,061	0	No
Northeast Florida	Nassau	4,581	4,677	3,340	1,337	0	Yes
Northeast Florida	Putnam	2,556	3,820	80	3,740	0	No
Northeast Florida	St. Johns	11,026	11,370	4,136	18,714	0	No
Northeast Florida Subtotals		63,928	85,302	24,791	71,661	2,466	No
East Central Florida	Brevard	22,631	35,610	10,839	40,201	0	No
East Central Florida	Lake	6,217	21,490	19,575	4,829	6,908	No
East Central Florida	Marion	5,728	15,311	6,713	8,646	6,940	No
East Central Florida	Orange	8,533	30,037	24,168	5,869	3,390	No
East Central Florida	Osceola	6,420	36,728	8,420	28,308	0	No
East Central Florida	Seminole	2,822	23,312	2,554	20,758	1,914	No
East Central Florida	Sumter	1,618	1,987	0	1,987	0	No
East Central Florida	Volusia	23,292	20,130	5,812	14,318	0	Yes
East Central Florida Subtotals		77,261	184,605	78,081	124,916	19,152	No
Central Florida	DeSoto	1,524	1,759	0	2,860	733	No
Central Florida	Hardee	1,033	4,158	2,681	1,477	0	No
Central Florida	Highlands	2,828	7,907	4,152	3,755	0	No
Central Florida	Okeechobee	2,045	4,717	684	4,033	0	No
Central Florida	Polk	12,790	40,790	33,491	7,299	3,986	No
Central Florida Subtotals		20,220	59,331	41,008	19,424	4,719	No
Tampa Bay	Citrus	4,459	4,545	1,276	3,269	0	Yes
Tampa Bay	Hernando	6,637	4,406	2,628	1,778	0	Yes
Tampa Bay	Hillsborough	56,905	83,717	51,184	32,533	0	No
Tampa Bay	Manatee	25,540	19,584	8,814	10,601	0	Yes
Tampa Bay	Pasco	23,865	25,158	7,576	17,582	0	No

Tampa Bay	Pinellas	49,750	37,696	6,483	23,961	0	Yes
Tampa Bay Subtotals		167,156	175,106	77,961	89,724	0	No
Southwest Florida	Charlotte	15,126	0	0	0	0	Yes
Southwest Florida	Collier	37,321	4,953	0	4,953	0	Yes
Southwest Florida	Glades	883	2,228	303	1,925	0	No
Southwest Florida	Hendry	1,694	3,830	0	3,830	0	No
Southwest Florida	Lee	61,022	34,253	0	18,195	0	Yes
Southwest Florida	Sarasota	27,585	13,915	4,721	9,194	11,073	Yes
Southwest Florida Subtotals		143,631	59,179	5,024	38,097	11,073	Yes
Treasure Coast	Indian River	6,485	14,558	0	0	550	No
Treasure Coast	Martin	6,678	15,079	3,791	11,288	0	No
Treasure Coast	Palm Beach	30,411	54,558	82,973	0	0	No
Treasure Coast	St. Lucie	6,310	15,523	0	17,515	0	No
Treasure Coast Subtotals		49,884	99,718	86,764	28,803	550	No
South Florida	Broward	119,490	69,898	69,898	0	0	Yes
South Florida	Miami-Dade	118,368	96,052	17,196	78,856	0	Yes
South Florida	Monroe	7,498	714	0	714	0	Yes
South Florida Subtotals		245,356	166,664	87,094	79,570	0	Yes