III. SUMMARY OF PROJECT RECOMMENDATIONS

In March 2017, the Division requested county emergency managers to submit new shelter retrofit projects and confirm or delete any shelter retrofit projects on the current Shelter Retrofit Report lists. Each proposed retrofit project is required to meet ARC 4496 upon completion. The Division identified 237 (150 constructed/structural retrofits plus 87 generator) projects that would meet the standard after retrofitting. All projects were ranked using such factors as: local and regional shelter space deficit; greatest provision of space; cost efficiency per space; and vulnerability to winds and surge. *See* Appendices E and F for lists of recommended projects.

Table 3.1 provides a summary of the proposed shelter retrofit projects, the region served, the construction-related costs and the generator-related costs of the proposed projects, and the total hurricane shelter space capacity that will be created after completion of retrofits. The RPC regions are established to coordinate planning for economic development, growth management, emergencies and other regional impacts. *See* Figure 1.1 for a map of the State's RPC regions.

Table 3.1

2017 Shelter Retrofit Report County and Regional Recommended Project Totals

August 31, 2017

Region	County	Construction-related Costs, $	Hurricane Shelter Capacity Gained, spaces	Generator-related Costs, $
1	BAY	$422,200	2,114	$0
1	ESCAMBIA	$0	0	$1,280,028
1	HOLMES	$160,000	730	$20,000
1	OKALOOSA	$0	0	$50,000
1	SANTA ROSA	$0	0	$0
1	WALTON	$0	0	$0
1	WASHINGTON	$0	0	$0
	Region 1 Totals:	**$582,200**	**2,844**	**$1,350,028**
2	CALHOUN	$0	0	$0
2	FRANKLIN	$0	0	$0
2	GADSDEN	$182,523	803	$0
2	GULF	$0	0	$0
2	JACKSON	$0	0	$72,318
2	JEFFERSON	$115,768	435	$0

2	LEON	$562,850	1,801	$0

Table 3.1 continued

Region	County	Construction-related Costs, $	Hurricane Shelter Capacity Gained, spaces	Generator-related Costs, $
2	LIBERTY	$0	0	$0
2	WAKULLA	$0	0	$0
	Region 2 Totals:	**$861,141**	**3,039**	**$72,318**
3	ALACHUA	$1,025,740	3,748	$0
3	BRADFORD	$0	0	$0
3	COLUMBIA	$579,822	1,562	$0
3	DIXIE	$0	0	$150,000
3	GILCHRIST	$0	0	$0
3	HAMILTON	$428,505	998	$0
3	LAFAYETTE	$0	0	$0
3	LEVY	$0	0	$0
3	MADISON	$0	0	$0
3	SUWANNEE	$0	0	$0
3	TAYLOR	$412,720	1,876	$0
3	UNION	$0	0	$0
	Region 3 Totals:	**$2,446,787**	**8,184**	**$150,000**
4	BAKER	$0	0	$0
4	CLAY	$160,000	285	$0
4	DUVAL	$200,000	834	$4,250
4	FLAGLER	$749,320	4,265	$180,000
4	NASSAU	$778,750	4,517	$405,000
4	PUTNAM	$208,408	897	$0
4	SAINT JOHNS	$269,000	1,223	$0
	Region 4 Totals:	**$2,365,478**	**12,021**	**$589,250**
5	BREVARD	$0	0	$3,796,377

5	LAKE	$291,210	1,678	$193,700
5	MARION	$0	0	$0
5	ORANGE	$3,186,641	18,661	$0

Table 3.1 continued

Region	County	Construction Related Costs, $	Hurricane Shelter Capacity Gained, spaces	Generator-related Costs, $
5	OSCEOLA	$0	0	$1,004,750
5	SEMINOLE	$175,780	799	$0
5	SUMTER	$409,600	1,796	$287,517
5	VOLUSIA	$79,425	363	$40,000
	Region 5 Totals:	**$4,142,656**	**23,297**	**$5,322,344**
6	DESOTO	$0	0	$40,000
6	HARDEE	$214,365	220	$144,168
6	HIGHLANDS	$0	0	$0
6	OKEECHOBEE	$0	0	$25,650
6	POLK	$274,120	1,246	$124,000
	Region 6 Totals:	**$488,485**	**1,466**	**$333,818**
7	CITRUS	$160,000	858	$0
7	HERNANDO	$343,090	1,114	$0
7	HILLSBOROUGH	$0	0	$0
7	MANATEE	$429,563	3,574	$0
7	PASCO	$20,000	700	$1,535,171
7	PINELLAS	$160,000	600	$0
	Region 7 Totals:	**$1,112,653**	**6,846**	**$1,535,171**
8	CHARLOTTE	$0	0	$101,000
8	COLLIER	$0	0	$45,000
8	GLADES	$0	0	$0
8	HENDRY	$0	0	$0
8	LEE	$176,000	850	$0

8	SARASOTA	$0	0	$0
	Region 8 Totals:	**$176,000**	**850**	**$146,000**
9	INDIAN RIVER	$315,863	1,366	$0
9	MARTIN	$272,000	890	$728,255
9	PALM BEACH	$1,031,500	4,500	$1,290,000
9	SAINT LUCIE	$0	0	$972,404
	Region 9 Totals:	**$1,619,363**	**6,756**	**$2,990,659**
10	BROWARD	$0	0	$0
10	MIAMI-DADE	$0	0	$0
10	MONROE	$0	0	$0
	Region 10 Totals:	**$0**	**0**	**$0**
	Totals:	**$13,794,763**	**65,303**	**$12,489,588**

If funded, the projects listed in this report will provide an estimated increase of 65,303 hurricane shelter spaces at a cost of $13,794,763 (construction-related costs). Costs reflected in the "Generator-related Costs" column usually reflect only generator purchase and installation costs. Projects that include a generator for emergency or standby electric power add to the overall functionality and sustainability of a shelter, but do not singularly increase shelter space capacity.