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FLORIDA  
DEPARTMENT *of*  
ECONOMIC  
OPPORTUNITY

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# Scenarios

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# Scenario

		Category 5/ Level E
Participation		90%
M3	2010 Census site-built units with full allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) <b>(44,630 + 3,540 + 1,248) - Evacuating Units 27,974</b>	<b>24 hours &amp; 30 minutes</b>
M4*	2010 Census site-built units with full allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) [excludes 870 housing units sited on the NASKW] <b>(43,760 + 3,540 + 1,248) - Evacuating Units 27,297</b>	24 hours
M5*	2010 Census site-built units with full allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) [excludes 870 housing units sited on the NASKW] <i>2 functional evacuation lanes MM 108-126</i> <b>(43,760 + 3,540 + 1,248) - Evacuating Units 27,297</b>	24 hours
M11	2010 Census site-built units with a revised full allocation for 10 years, giving Key West 30 allocations and 1,248 mobile homes (projected conversion to site-built) <b>(43,760 + 2,940 + 1,248) - Evacuating Units 26,327</b>	23 hours

\* Revised to reflect removal of NAS-Key West base housing units from Phase 2



# Scenario

		Category 5/ Level E
		Participation
M10*	2010 Census site-built units with <b>15%</b> decrease in current allocation for 10 years with 1,248 mobile homes representing the projected conversion to site-built [excludes 870 housing units sited on the NASKW] <b>(43,760 + 3,009 + 1,248) Evacuating Units 26,998</b>	90%
		24 hours

\* Revised to reflect removal of NAS-Key West base housing units from Phase 1



# Scenario

		Category 5/ Level E
		90%
NEW	<p>Monroe County BOOC consideration of a permanent resident (site-built units) mandatory evacuation order 36 hours in advance of tropical storm winds.</p> <p>Two-thirds of 2010 Census site-built units with full allocation for 10 years with 1,248 mobile homes (projected conversion to site-built)</p> <p><b>2 functional evacuation lanes MM 107-126</b></p> <p><b><math>((43,760 * 0.67) + 3,540 + 1,248)</math> Evacuating Units</b> – to be determined</p>	To be determined

\* Revised to reflect removal of NAS-Key West base housing units from Phase 1



# Scenario

		Category 5/ Level E
		90%
		Participation
1	All Units – Simultaneous Evacuation 2010 Census Site built units, hotels, mobile homes, Military <b>(44,630 + 13,665 units + 8,134 units + 2,025 vehicles)</b> <b>Evacuating Units 41,294</b>	<b>35 hours &amp; 30 minutes</b>
S1	2010 Census site-built units <b>44,630 - Evacuating Units 25,247</b>	23 hours
S2	2010 Census site-built units with full allocation for 10 years <b>(44,630 + 3,540) - Evacuating Units 27,256</b>	24 hours
S3	2010 Census site-built units with <b>50%</b> decrease in current allocation for 10 years <b>(44,630 + 1,780) - Evacuating Units 26,256</b>	23 hours & 30 minutes
S4	2010 Census site-built units with <b>25%</b> decrease in current allocation for 10 years <b>(44,630 + 2,660) - Evacuating Units 26,758</b>	23 hours & 30 minutes



# Scenario

		Category 5/ Level E
		90%
M1	2010 Census site-built units all mobile homes <b>(44,630 + 8,134) - Evacuating Units 29,928</b>	<b>25 hours &amp; 30 minutes</b>
M2	2010 Census site-built units with full allocation for 10 years and all mobile homes <b>(44,630 + 3,540 + 8,134) - Evacuating Units 31,939</b>	<b>27 hours</b>



# Revising TEZs – Military Adjustment

Before

TEZ	Sub-County Location	Site-Built		
		Total	Occupancy Rate	Occupied Total
1208	Key West	2,196	67.85%	1,490
<b>1209</b>	<b>Key West</b>	<b>2,350</b>	<b>65.32%</b>	<b>1,535</b>
1210	Key West	1,387	87.89%	1,219
<b>1211</b>	<b>Key West</b>	<b>2,784</b>	<b>77.69%</b>	<b>2,163</b>
1212	Key West	514	92.61%	476
1213	Key West	1,069	87.65%	937
<b>1214</b>	<b>Key West</b>	<b>751</b>	<b>85.35%</b>	<b>641</b>
<b>1215</b>	<b>Key West</b>	<b>1,933</b>	<b>77.96%</b>	<b>1,507</b>
1216	Key West	699	78.40%	548
1217	Key West	610	81.97%	500
1218	Key West	106	84.91%	90
1219	Key West	448	86.61%	388

After

TEZ	Sub-County Location	Site-Built		
		Total	Occupancy Rate	Occupied Total
1208	Key West	2,196	67.85%	1,490
<b>1209</b>	<b>Key West</b>	<b>2,259</b>	<b>65.32%</b>	<b>1,476</b>
1210	Key West	1,387	87.89%	1,219
<b>1211</b>	<b>Key West</b>	<b>2,779</b>	<b>77.69%</b>	<b>2,159</b>
1212	Key West	514	92.61%	476
1213	Key West	1,069	87.65%	937
<b>1214</b>	<b>Key West</b>	<b>557</b>	<b>85.35%</b>	<b>475</b>
<b>1215</b>	<b>Key West</b>	<b>1,353</b>	<b>77.96%</b>	<b>1,055</b>
1216	Key West	699	78.40%	548
1217	Key West	610	81.97%	500
1218	Key West	106	84.91%	90
1219	Key West	448	86.61%	388



# Revising Roadway Configuration – 10ft Shoulder and Coning

Milemarkers		Location/Description	Roadway Network in Model		Coning and Shoulder from 2.0-106.3	Coning and Shoulder by FDOT Project
From	To		Full Roadway Cross-section	Functional Evacuation Lanes	Functional Evacuation Lanes	Functional Evacuation Lanes
2.0	4.0	Key West to Stock Island	4L	2	2	2
4.0	9.0	Stock Island to Big Coppitt Key	4LD	2	2	2
9.0	17.0	Big Coppitt Key to Sugarloaf Key	2L	1	2	1
17.0	22.0	Sugarloaf Key to Cudjoe Key	2L	1	2	1
22.0	24.0	Cudjoe Key to Summerland Key Cove Airport	2L	1	2	1
24.0	25.0	Summerland Key Cove Airport to Summerland Key	3L	1	2	1
25.0	30.0	Summerland Key to Big Pine Key	2L	1	2	1
30.0	34.0	Big Pine Key to West Summerland Keys	2L	1	2	2
34.0	35.2	West Summerland Keys to Spanish Harbor Keys	2L	1	2	1
35.2	36.5	Spanish Harbor Keys to Bahia Honda Bridge	4LD	2	2	2
36.5	37.5	Bahia Honda Bridge to Bahia Honda Key	2L	1	2	1
37.5	47.0	Bahia Honda Key to Hog Key	2L	1	2	1
47.0	48.0	Hog Key to Boot Key	2L	1	2	2
48.0	50.2	Boot Key to Marathon	4L	2	2	2
50.2	50.8	Marathon to Marathon Shores	5L	2	2	2
50.8	54.0	Marathon Shores to Key Colonial Beach	4LD	2	2	2
54.0	54.5	Key Colonial Beach to Deer Key	4LD	2	2	2
54.5	58.0	Deer Key to Grassy Key	2L	1	2	2
58.0	74.0	Grassy Key to Matecumbe Harbor	2L	1	2	2
74.0	80.0	Matecumbe Harbor to Teatable Key	2L	1	2	2
80.0	83.5	Teatable Key to Islamorada	3L	1	2	2
83.5	85.6	Islamorada to Windley Key	2L	1	2	2
85.6	90.0	Windley Key to Plantation Key	2L	1	2	2
90.0	100.0	Tavernier Key to Newport Key	4LD	2	2	2(*)
100.0	105.0	Newport Key to Sexton Cove	4LD	2	2	2 (*)
105.0	106.3	Sexton Cove to Rattlesnake Key	4LD	2	2	2 (*)





# Scenario

		Category 5/ Level E
		90%
M6	2010 Census site-built units with <b>50%</b> decrease in current allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) <b>(44,630 + 1,780 + 1,248) - Evacuating Units 26,976</b>	24 hours
M7*	2010 Census site-built units with <b>50%</b> decrease in current allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) [excludes 870 housing units sited on the NASKW] <b>(43,760 + 1,780 + 1,248) - Evacuating Units 26,299</b>	23 hours & 30 minutes

\* Revised to reflect removal of NAS-Key West base housing units from Phase 1



# Scenario

		Category 5/ Level E
		90%
M8	2010 Census site-built units with <b>25%</b> decrease in current allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) <b>(44,630 + 2,660 + 1,248) - Evacuating Units 27,477</b>	24 hours
M9*	2010 Census site-built units with <b>25%</b> decrease in current allocation for 10 years with 1,248 mobile homes (projected conversion to site-built) [excludes 870 housing units sited on the NASKW] <b>(43,760 + 2,660 + 1,248) - Evacuating Units 26,800</b>	23 hours & 30 minutes

\* Revised to reflect removal of NAS-Key West base housing units from Phase 1

