

COUNTY of MONROE
The Florida Keys



BOARD OF COUNTY COMMISSIONERS

Mayor Holly Merrill Raschein, District 5
Mayor Pro Tem James K. Scholl, District 3
Craig Cates, District 1
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Board of County Commissioners Meeting
December 13, 2023
Agenda Item Number: L1
2023-1862

BULK ITEM: No

DEPARTMENT: Administration

TIME APPROXIMATE:

STAFF CONTACT: Roman Gastesi

AGENDA ITEM WORDING:

MAYOR RASCHEIN - Discussion and Direction Regarding the State of Florida Hurricane Evacuation Modeling Update and Potential for Additional ROGO Allocations for Monroe County.

ITEM BACKGROUND:

On November 14 and 16, 2023, FloridaCommerce held two Florida Keys Evacuation Modeling webinars to discuss the 2023 Florida Keys Hurricane Evacuation Modeling process and draft results of the modeling. Hurricane Evacuation Clearance Times are the basis for the FL Keys Area of Critical State Concern's Rate of Growth Ordinance, and updated data may determine whether additional residential units will be authorized by the State of Florida beyond the existing allocation.

At the November webinars, FL Commerce presented multiple scenarios that were modeled, with future allocations ranging from of zero (0) additional units to 7,954 additional units. The attached "Clearance Times Summary" table was presented by FL Commerce, and includes columns where evacuation was modeled both with and without of Key West residents; and with mobile home residents evacuated in both Phase 1 and in Phase 2.

Based on Emergency Management acceptable evacuation practices, the only reasonable summary column in the table is the column that includes Key West residents, and evacuates mobile home residents in Phase 1 (early phase) of the evacuation. This column represents how evacuations have been modeled in the past - inclusive of Key West residents in the evacuation calculations for the entire Keys but with mobile home residents modeled to evacuate early in Phase 1 with the tourists due to the less substantial construction of mobile homes.

PREVIOUS RELEVANT BOCC ACTION:

INSURANCE REQUIRED:

No

CONTRACT/AGREEMENT CHANGES:

N/A

STAFF RECOMMENDATION:

DOCUMENTATION:

[Clearance Times Summary Table.pdf](#)

FINANCIAL IMPACT:

N/A

DRAFT

Clearance Times Summary

Deliverable 5: Baseline Modeling			Phases	Florida Keys Including Key West		Florida Keys Excluding Key West	
				Mobile Homes in Phase 2 (hours)	Mobile Homes in Phase 1 (hours)	Mobile Homes in Phase 2 (hours)	Mobile Homes in Phase 1 (hours)
Baseline Modeling	Shows baseline - does not include additional prospective allocations		Phase 2	26.0	24.0	15.5	15.5
			Phase 1	15.5	15.5	15.0	15.0
Deliverable 6: Prospective Modeling for Future Allocations							
S1	3,550 Allocations	Distribute based on county/municipality population size	Phase 2	27.5	25.5	15.5	15.5
			Phase 1	15.5	15.5	15.0	15.0
S2	3,550 Allocations	Distribute based percentage of vacant lands per county/municipality	Phase 2	28.0	26.0	15.5	15.5
			Phase 1	15.5	15.5	15.0	15.0
S3	3,550 Allocations	Distribute based on current allocations: (1,970-Monroe, 300-Marathon, 280-Islamorada, 910-Key West, 30-Layton, 60-Key Colony Beach)	Phase 2	28.0	26.0	15.5	15.5
			Phase 1	15.5	15.5	15.0	15.0
S4	Minimal Allocations (11 allocations/yr)	Distributes Monroe County (5); Marathon (2); Islamorada (2); Key West (2 – affordable only)	Phase 2 (10 Years Growth)	26.5	24.0	15.5	15.5
			Phase 2B (20 Years Growth)	26.5	24.0	15.5	15.5
			Phase 1	15.5	15.5	15.0	15.0
S5	One Unit/Vacant Lot	Distributes 7,954 units	Phase 2	31.0	28.5	17.0	16.5
			Phase 1	15.5	15.5	15.0	15.0