

TABLE 18
FLORIDA KEYS HURRICANE EVACUATION STUDY
INDIVIDUAL IMPROVEMENTS SCENARIO (YEAR 2005)
NORMAL RESPONSE CURVE & HURRICANE CATEGORY 3 -5

Roadway Improvement	Clearance Time	Vehicles Stranded ⁸	
		24-Hours	18h 44m
Existing Roadway Network	25h 58m	2,690	12,170
Proposed Individual Improvements (cumulative)			
Add one lane MM 85.6 to 90.0 (from two existing lanes to 3 lanes) - construction or TSM	25h 38m	2,690	12,170
Add one lane through Florida City (from four existing lanes to 5 lanes) - construction or TSM Add one lane 18-mile stretch (from two existing lanes to 3 lanes) - construction, compromise construction, or TSM Add one lane MM 105.0 to 106.3 (from four existing lanes to 5 lanes) - construction or TSM	24h 32m	580	9,421
Add one lane MM 83.5 to 85.6 (from two existing lanes to three lanes) - construction or TSM	24h 04m	24	9,421
Add one lane MM 100.0 to 105.0 (from four existing lanes to five lanes) - construction or TSM	23h 42m	0	6,567
Add one lane MM 74.0 to 80.0 (from two existing lane to three lanes) - construction or TSM	22h 48m	0	5,387
Add one through lane at signal at Big Pine Key	22h 48m	0	5,387
Add one lane MM 47.0 to 48.0 (from two existing lanes to three lanes) - construction or TSM	22h 48m	0	5,387
Add one lane MM 54.5 to 74.0 (from two existing lanes to three lanes) - construction or TSM	21h 48m	0	5,367
Improve the intersection of CR 905 / CR 905A	21h 48m	0	5,367
Add one lane MM 90.0 to 100.0 (from four existing lanes to five lanes) - construction or TSM	18h 44m	0	0

Source: Miller Consulting, Inc.

⁸ "Vehicles stranded" means the number of vehicles that are still traveling on the road 24 hours or 18 hours 44 minutes (recommended alternative) after a hurricane evacuation order is given.