



MONROE COUNTY BOARD OF COUNTY COMMISSIONERS

RESOLUTION NO. 075 - 2022

A RESOLUTION BY THE MONROE COUNTY BOARD OF COUNTY COMMISSIONERS PRIORITIZING TRAFFIC FLOW IMPROVEMENT PROJECTS FROM THE POTENTIAL SOLUTION LIST OF PROJECTS WITHIN APPENDIX G OF THE APPROVED U. S. 1 TRANSPORTATION MASTER PLAN THAT COULD ALLEVIATE CONGESTION ON U.S. 1. AND ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1.; AND FORWARDING THE PRIORITIZED RECOMMENDATIONS TO THE FLORIDA DEPARTMENT OF TRANSPORTATION.

WHEREAS, Monroe County policies and regulations adopted in the Monroe County Comprehensive Plan and Land Development Code are to maintain public health, safety, and welfare of the citizens of the Florida Keys and to strengthen our local government capability to manage land use and development; and

WHEREAS, Policy 301.4.1 of the Monroe County Comprehensive Plan requires Monroe County to complete a Transportation Strategy Master Plan, through its Long Range Transportation Plan, by May 2021, incorporating an intermodal transportation system and considerations of climate change implications; and

WHEREAS, Policy 301.5.2 of the Monroe County Comprehensive Plan requires by May 2021, Monroe County shall complete the County's Long Range Transportation Plan incorporating the considerations of climate change implications; and

WHEREAS, Policy 401.3.1 of the Monroe County Comprehensive Plan states by May 2021, Monroe County shall complete a Transportation Strategy Master Plan, through its Long Range Transportation Plan, to enhance mass transit for all residents and visitors, in coordination with municipalities and Miami-Dade County; and

WHEREAS, Monroe County Comprehensive Plan Policy 301.1.2 and Land Development Code Sections 114-2 and 114-200 adopt the overall and segment level of service (LOS) standard for U.S. 1 as LOS "C," represented by a median speed of 45 mph; and

WHEREAS, on February 17, 2021, the Monroe County Board of County Commissioners (BOCC) adopted the recommendations of the U.S. 1 LOS Task Force and the 2021 Updated Methodology Document, A Methodology To Assess Level-Of-Service On US-1 In The Florida Keys for County use; and

WHEREAS, the 2021 U.S. 1 Arterial Travel Time and Delay Study (ATTDS) reports an overall LOS C on U.S. 1 with a median speed of 45.5 mph and two (2) segments within the Islamorada, Village of Islands operate below the adopted LOS standard (LOS D for Windley, Segment 20 and LOS E for Upper Matecumbe, Segment 19); and

WHEREAS, the ATTDS has continually identified one or more segments within the Islamorada, Village of Islands as operating below the adopted LOS standard for the County; and

WHEREAS, the Florida Keys are a chain of islands that are connected to each other and the mainland by 112 miles of US Highway 1 (U.S. 1), extending from Key Largo to Key West; and

WHEREAS, traffic issues on U.S. 1 affect the health, safety, welfare, economic sustainability and quality of life of the residents and visitors to the Florida Keys; and

WHEREAS, the Florida Keys are dependent on a safe, attractive, resilient, sustainable, and efficient access and travel along U.S. 1 throughout Monroe County; and

WHEREAS, on March 18, 2020, the Monroe County BOCC approved the completion a Transportation Master Plan to provide recommendations for U.S. 1 improvements to remedy Level of Service issues and to improve traffic flow within Monroe County and multimodal improvements; and

WHEREAS, the development of the U.S. 1 Transportation Master Plan includes reviewing relevant existing data, such as traffic volumes, crash data, transit information; meetings with stakeholders to get input on transportation issues and improvement opportunities; public input from numerous sources and public meetings; analyzing these factors to identify potential issues and develop potential high-level solutions, including roadway and multi-modal solutions to address the needs of pedestrians, bicyclists, public transit, and vehicular traffic; and

WHEREAS, on October 20, 2021, at their regular meeting, the Monroe County BOCC adopted the U. S. 1 Transportation Master Plan; and

WHEREAS, the U.S. 1 Transportation Master Plan recommended potential project list will be further reviewed by the Monroe County BOCC to evaluate the opportunities, constraints and to select and prioritize the projects at future meetings; and

WHEREAS, the municipal jurisdictions provided Monroe County BOCC with recommendations from U.S. 1 Transportation Master Plan recommended potential project list; and

WHEREAS, the compiled list of potential projects from the County and municipalities were prioritized through the review and input from the Florida Keys Transportation Coordination Committee (FKTCC) at a meeting on January 24, 2022; and

WHEREAS, the FKTCC provided an overall recommendation to the Monroe County Board of County Commissioners via FKTCC Resolution 01-2022; and

WHEREAS, the Monroe County BOCC considered the recommendations of the FKTCC at a meeting on February 16, 2022, provided for public input and prioritized the potential project list with the coordinated submission to Florida Department of Transportation (FDOT); and

WHEREAS, coordinated and comprehensive solutions are necessary for the traffic flow, congestion, safety and other transportation issues that affect the Florida Keys; and

WHEREAS, the FDOT is tasked with providing a safe statewide transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities, and

WHEREAS, the partnership with FDOT is important to address and solve transportation issues affecting the Florida Keys and recognizing the importance of and support for maintaining a safe, resilient and efficient access and travel along U.S. 1;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MONROE COUNTY, FLORIDA:

Section 1. Pursuant to the goals of improving traffic flow, alleviating congestion, improving and maintaining the level of service for U.S. 1, enhancing safety and improving intermodal transportation systems, the Board of County Commissioners has identified recommendations from the potential solution list for the traffic goals listed above.

Section 2. The Board of County Commissioners does hereby provide the following recommendations as listed in Exhibit 1 and incorporated herein.

Section 3. The Board of County Commissioners recommendations are projects that benefit and serve all Monroe County residents, enhancing their quality of life, while also considering visitors and fostering economic sustainability for the Florida Keys.

Section 4. The Board of County Commissioners authorizes staff to forward this list of Primary Priority Recommendations addressing the predefined Potential Solutions List of concerns defined in the TMP as ranked and notated by the County and the municipalities, to the FDOT.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

SIGNATURES ON FOLLOWING PAGE

PASSED AND ADOPTED by the Board of County Commissioners of Monroe County, Florida, at a regular meeting held on the 16th day of February.

Mayor David Rice Yes
Mayor Pro Tem Craig Cates Yes
Commissioner Michelle Coldiron Yes
Commissioner District Three VACANT
Commissioner Holly Raschien Yes

BOARD OF COUNTY COMMISSIONERS
OF MONROE COUNTY, FLORIDA

BY [Signature]
MAYOR



ATTEST: KEVIN MADOK, CLERK

[Signature]

AS DEPUTY CLERK

James D. Molenaar Digitally signed by James D. Molenaar Date: 2022.02.03 13:52:57 -05'00'

Approved as to Form and Legal Sufficiency
James D. Molenaar
Asst. County Attorney
MONROE COUNTY ATTORNEY'S OFFICE

STATE OF FLORIDA
COUNTY OF MONROE
This copy is a True Copy of the
Original on File in this Office. Witness
My hand and Official Seal
And that same is in full force and effect



This 22nd day of February

A.D., 20 22
KEVIN MADOK, CPA
Clerk Circuit Court

By: [Signature]
Deputy Clerk

FILED FOR RECORD
2022 FEB 24 PM 2:58
CLERK CIR. CT.
MONROE COUNTY, FL

Primary Priority Recommendations

Transportation Master Plan (TMP) Excerpt from Appendix G: Potential Solution List			Jurisdiction						TOTAL Recurrences	FKTCC Prioritization
TMP Ref #	General Location	Project Description	County	Key West	Marathon	Islamorada	Key Colony Beach	Layton		
158	Multiple	<p>Conduct a study to evaluate the feasibility of implementing active traffic management strategies such as ITS Infrastructure, TSM&O Workstations in the Monroe County Sheriff's Office; extend Road Ranger Services into Monroe, maybe as a pilot program focusing on high crash locations; explore the use of Big Data, Digital Twinning, and/or AI Tools.</p> <p>Monroe: <u>Implement a weigh-in-motion technology upgrade, instead of a weigh station relocation. Separate from the bridge replacement. (tied to Project #158 for ITS Infrastructure).</u></p> <p>Layton: <u>Request FDOT review and provide a status to the "weigh station study," evaluate the potential to remove the existing weigh station at MM 86.5 and replace with a "weigh-in-motion" option.</u></p> <p>Islamorada: <u>Move FDOT weigh station to alternate location.</u></p>	Reso 408-2021		Reso 2021-126 (item #3)	Memo (#7)	Reso 2021-18 (item #5)	Reso 2021-12-01 (item #13)	5	1
162	Multiple	<p>Conduct a study to determine the feasibility of <u>adding bus stops</u>, improving bus stop amenities such as shelters, Wi-Fi, bike racks, seating, lighting, driver notification push buttons, etc. along US 1. Islamorada: <u>Install shelters at designated bus pull-off areas and stops along U. S. 1. Funding for installation of bus stop shelters has been included in Islamorada's FY 21-22 budget.</u></p>	Reso 408-2021	KWTCC recommendation	Reso 2021-126 (item #4)	Memo (#6)	Reso 2021-18 (item #5)		5	1
8	Key West	Feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard.	Reso 408-2021	KWTCC recommendation			Reso 2021-18 (item #3)	Reso 2021-12-01 (item #12)	4	1

104	Islamorada	Conduct an Access Management Study along US 1 between MM 77 and 83 to determine the need for turn lanes and/or other access management improvements. Also, review the possibility of improvements to the Old Highway to better serve as a frontage road. <u>Islamorada: Conduct an Access Management Study along U. S. 1 for the length of the Village (not just from MM77 to MM83) to determine the need for turn lanes and/or other access management improvements. The Study should include review of possible improvements to the Old Highway to better serve as a frontage road that promotes safety and other modes of transportation through installation of bike lanes and walking paths.</u>	Reso 408-2021			Memo (#1)	Reso 2021-18 (item #1)	Reso 2021-12-01 (similar to items #3 & 4)	4	1
20	Stock Island	Modify signal timing (offsets) along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.	Reso 408-2021				Reso 2021-18 (item #6)	Reso 2021-12-01 (item #11)	3	1
80	Marathon	Conduct a feasibility study to restrict traffic to a "RIGHT TURN ONLY" at the intersection of US-1 and Aviation Boulevard/72nd Street. <u>Marathon: Alternatively, feasibility study of a potential traffic light at this intersection.</u>	Reso 408-2021		Reso 2021-126 (item #1)		Reso 2021-18 (item #4)		3	1
113	Islamorada	Convert Snake Creek Bridge to a high-level fixed bridge. <u>Prioritize the bridge replacement evaluations, which is currently scheduled for a PD&E study in FY2026</u>	Reso 408-2021			Memo (#3)	Reso 2021-18 (item #1)		3	1
77	Marathon & Key Colony Beach	Review and identify potential pedestrian/bicycle signing and pavement marking improvements along US 1 in the vicinity of the signalized intersections in Marathon. <u>Key Colony Beach: Conduct a traffic pattern study to evaluate changing the cross walk at US-1 and Sadowsky Causeway from the west side of the intersection to the east side of the intersection, with emphasis on improving pedestrian and bicycle safety by requiring the predominant vehicle traffic pattern of turning left from Sadowsky Causeway onto US-1 to yield to pedestrian and bicyclists during the execution of this left hand turn. Additionally, this traffic pattern study would also evaluate whether moving the subject crosswalk to the east side of the intersection would reduce bicycle and pedestrian crossing accidents by eliminating vehicle traffic making left hand turns.</u> <u>Marathon: Conduct a study to evaluate the feasibility of adding a crosswalk to Coco Plum intersection with US 1.</u> <u>Marathon: Conduct a feasibility study for the creation and installation of walkover or pedestrian bridges in Marathon.</u>			Reso 2021-126 (similar to item #6 & item #10)		Reso 2021-18 (similar to item #2)		2	1

108	Islamorada	Conduct a planning study to evaluate the feasibility of a Park-n-Ride Hub, fixed route circulator, micro transit, bike sharing, and/or scooter-sharing services to provide first/last mile connections to complement public transit. <u>Islamorada: Purchase property to create a Park-n-Ride hub parking area to promote alternate modes of transportation within Islamorada and serve as base for potentially expanded Freebee services. Islamorada is in the process of purchasing Walgreens property and has budgeted funds to convert the property to a parking area for this purpose.</u>		KWTCC recommendation		Memo (#2)			2	1
125	Key Largo	Review and identify potential pedestrian and bicycle signing and pavement marking improvements, <u>including markings and signage for the merge and turn lanes to improve vehicular traffic flow,</u> along US 1 in the vicinity of the Ocean Bay Drive/Atlantic Avenue, Laguna Avenue, Holiday Boulevard and Magnolia Street intersections in Key Largo.	Reso 408-2021				Reso 2021-12-01 (similar to item 6)		2	1
130	Key Largo	Conduct a study to determine potential intersection improvements at US-1 and CR 905, including bike lane continuity through the intersection.	Reso 408-2021				Reso 2021-12-01 (item #7)		2	1
155	Multiple	Conduct a detailed study to evaluate the feasibility of Water Ferry Service from Miami to Key West.	Reso 408-2021		Reso 2021-126 (item #2)				2	1

Secondary Priority Recommendations

Transportation Master Plan (TMP) Excerpt from Appendix G: Potential Solution List				Jurisdiction					TOTAL Recurrences	FKTCC Prioritization
TMP Ref #	General Location	Project Description	County	Key West	Marathon	Islamorada	Key Colony Beach	Layton		
3	Key West	Conduct a signal retiming study to optimize signal timing in Key West.		KWTCC recommendation					1	2
6	Key West	Conduct a review to improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection.	Reso 408-2021						1	2
7	Key West	Conduct a feasibility study to widen sidewalks on the southside of North Roosevelt Blvd.		KWTCC recommendation					1	2
16	Key West	FDOT Traffic Operations Office is evaluating a request for NB/SB left-turn lanes at the intersection of US 1/Truman Avenue and White Street. <u>Key West: Dedicated Left turns on SB Truman Avenue at the intersection with White Street</u>		KWTCC recommendation					1	2
24	Stock Island	Conduct a planning study to evaluate the feasibility of a Park-n-Ride Hub, fixed route circulator, micro transit, bike sharing, and/or scooter-sharing services to provide first/last mile connections to complement public transit.		KWTCC recommendation					1	2
40	Lower Sugarloaf Key	Refurbish/upgrade bicycle pavement markings and signing in the vicinity of the Harris Channel Bridge.	Reso 408-2021						1	2
61	Big Pine Key	Review and identify potential pedestrian and bicycle signing and pavement marking improvements along US 1 in the vicinity of Key Deer Boulevard.	Reso 408-2021						1	2
62	Big Pine Key	Conduct a feasibility study for an acceleration lane in the southbound direction on US 1 at Ships Way. <u>Layton: Request FDOT to evaluate feasibility a right-turn deceleration lane for northbound U.S. 1 and a left-turn only lane from southbound U.S. 1 at the entrance to the new park facility planned at Big Pine Key Swimming Hole. Request FDOT consider developing a left-turn only lane southbound along U.S. 1 to be extended to Ships Way.</u>						Reso 2021-12-01 (item #9)	1	2

65	Big Pine Key	Conduct a planning study to evaluate the feasibility of a Park-n-Ride Hub, fixed route circulator, micro transit, bike sharing, and/or scooter-sharing services to provide first/last mile connections to complement public transit.		KWTCC recommendation					1	2
66	Big Pine Key	Conduct a planning study to determine the need for and feasibility of a bypass bridge on the south side of Big Pine.		KWTCC recommendation					1	2
84	Marathon	Conduct a study to determine the location and need for a traffic signal or pedestrian crossing on the south end of Marathon. <u>Marathon: Conduct a study to evaluate the feasibility of widening US 1 between Knights Key intersection and 11th Street for potential center turning lane.</u>			Reso 2021-126 (item #14)				1	2
85	Marathon	Coordinate with Miami-Dade Transit requesting a possible extension of MDT Route 301 to the south end of Marathon.				Reso 2021-18 (item #4)			1	2
87	Marathon	Conduct a feasibility study to widen US 1 from 11th Street Ocean to 15th Street.					Reso 2021-12-01 (item #8)		1	2
88	Marathon	Conduct a planning study to evaluate the feasibility of a Park-n-Ride Hub, fixed route circulator, micro transit, bike sharing, and/or scooter-sharing services to provide first/last mile connections to complement public transit.		KWTCC recommendation					1	2
115	Lower Matecumbe	Resurfacing along US-1 from MM 73.75 to MM 77.5. <u>Islamorada: Resurface U. S. 1 through entirety of Islamorada to repair areas further damaged as a result of Hurricane Irma.</u>				Memo (#5)			1	2
116	Plantation Key	Conduct an intersection study to evaluate the feasibility of improving the transition area (2 to 4 lane transition) near the intersection of US 1 and Royal Poinciana Boulevard. <u>Islamorada: Extend two lanes southbound on U. S. 1 another half mile to approximately San Pedro Church passed Planation Key School to alleviate backup and congestion at Woods Avenue light near Coral Shores High School and PKS.</u>				Memo (#4)			1	2
117	Plantation Key	Conduct a study to determine the feasibility for installing bike lanes along the Old Highway in Islamorada. <u>Islamorada: Conduct an Access Management Study along U. S. 1 for the length of the Village (not just from MM77 to MM83)) to determine the need for turn lanes and/or other access management improvements. The Study should include review of possible improvements to the Old Highway to better serve as a frontage road that promotes safety and other modes of transportation through installation of bike lanes and walking paths.</u>				Memo (#1)			1	2

119	Plantation Key	Resurfacing US-1 from MM 87.16 to MM 90.02. <u>Islamorada: Resurface U. S. 1 through entirety of Islamorada to repair areas further damaged as a result of Hurricane Irma.</u>									1	2
131	Key Largo	Conduct a planning study to evaluate the feasibility of a Park-n-Ride Hub, fixed route circulator, micro transit, bike sharing, and/or scooter-sharing services to provide first/last mile connections to complement public transit.		KWTCC recommendation							1	2
134	Key Largo	Conduct a feasibility study for signal modifications at the pedestrian signal south of the Key Largo Elementary School <u>(to consider moving the crosswalk and the traffic signal from just north of Bowen Dr. to just south of Pompano Dr.)</u>	Reso 408-2021								1	2
166	Multiple	Develop a Mobility On-Demand Application to assist users with trip planning and mobility options along US 1.		KWTCC recommendation							1	2
167	Multiple	Evaluate the feasibility of implementing Automated Buses. Conduct a Roadway Readiness Analysis Study to identify infrastructure and system needs to support automated buses. Two potential areas: Stock Island to Marathon or the proposed connector between the Mobility Hub and Key West.		KWTCC recommendation							1	2
173	Multiple	The City of Key West proposed a modified Lower Keys Shuttle to end at the new Key West Intermodal Center.		KWTCC recommendation							1	2
183	Multiple	Enhance and maintain the Florida Keys Overseas Heritage Trail (FKOHT) to provide a continuous trail throughout the Florida Keys. <u>Islamorada: Expand the shared use paths along U. S. 1 to allow for multi-modal forms of transportation within islands, to include use of golf carts.</u>							Memo (#9)		1	2
		Additional input and clarification on the TMP Projects provided by the jurisdictions are identified as follows: <u>Underlined Black text</u> = Monroe County <u>Underlined Green text</u> = Key West <u>Underlined Blue text</u> = Marathon <u>Underlined Red text</u> = Islamorada <u>Underlined Purple text</u> = Key Colony Beach <u>Underlined Orange text</u> = Layton										