

## **MONROE COUNTY BOARD OF COUNTY COMMISSIONERS**

### **RESOLUTION NO. 408 - 2021**

#### **A RESOLUTION BY THE MONROE COUNTY BOARD OF COUNTY COMMISSIONERS PROVIDING RECOMMENDATIONS FROM THE POTENTIAL SOLUTION LIST OF PROJECTS WITHIN APPENDIX G OF THE APPROVED U. S. 1 TRANSPORTATION MASTER PLAN TO IMPROVE TRAFFIC FLOW, ALLEVIATE CONGESTION, IMPROVE SAFETY AND ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1.**

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**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 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 Board of County Commissioners 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 Board of County Commissioners 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 Board of County Commissioners to evaluate the opportunities, constraints and to select and prioritize the projects at future meetings; and

**WHEREAS**, it is anticipated the municipal jurisdictions will provide Monroe County Board of County Commissioners with recommendations from U.S. 1 Transportation Master Plan recommended potential project list; and

**WHEREAS**, it is anticipated the compiled list of potential projects from the County and municipalities will be prioritized through the review and input from the Florida Keys Transportation Coordination Committee (FKTCC), and the FKTCC will provide an overall recommendation to the Monroe County Board of County Commissioners via a FKTCC resolution; and

**WHEREAS**, it is anticipated the Monroe County Board of County Commissioners will adopt a resolution with the entire prioritized 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 County 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 below, and incorporated herein.

| <b>Excerpt from Appendix G: Potential Solution List</b> |              |                     |   |
|---|--------------|---------------------|---|
|   | <b>Ref #</b> | <b>Key</b>          | <b>Project Description</b>  |
| 1   | <b>6</b>     | Key West            | Conduct a review to <b>improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection</b>  |
| 2   | <b>8</b>     | Key West            | Feasibility study to <b>reconfigure the intersection of US-1 and Roosevelt Boulevard</b>  |
| 3   | <b>20</b>    | Stock Island        | Modify <b>signal timing (offsets)</b> along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.                         |
| 4   | <b>40</b>    | Lower Sugarloaf Key | <b>Refurbish/upgrade bicycle pavement markings and signing</b> in the vicinity of the Harris Channel Bridge   |
| 5   | <b>61</b>    | Big Pine Key        | Review and identify <b>potential pedestrian and bicycle signing and pavement marking improvements along US 1 in the vicinity of Key Deer Boulevard.</b> |
| 6   | <b>80</b>    | Marathon            | Conduct a feasibility study to restrict traffic to a <b>“RIGHT TURN ONLY” at the intersection of US-1 and Aviation Boulevard/72nd Street</b>            |

|    |     |            |  |
|----|-----|------------|--|
| 7  | 104 | Islamorada | Conduct an <b>Access Management Study along US 1 between MM 77 and 83</b> 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   |
| 8  | 113 | Islamorada | <b>Convert Snake Creek Bridge to a high-level fixed bridge. Prioritize the bridge replacement evaluations, which is currently scheduled for a PD&amp;E study in FY2026</b>   |
| 9  | n/a | Islamorada | <u>Implement a <b>weigh-in-motion technology upgrade</b>, instead of a weigh station relocation. Separate from the bridge replacement. (tied to Potential Project #158 for ITS Infrastructure)</u>   |
| 10 | 125 | Key Largo  | Review and identify potential <b>pedestrian and bicycle signing and pavement marking improvements, including markings and signage for the merge and turn lanes to improve vehicular traffic flow, along US 1 in the vicinity of the Ocean Bay Drive/Atlantic Avenue, Laguna Avenue, Holiday Boulevard and Magnolia Street intersections in Key Largo.</b>        |
| 11 | 130 | Key Largo  | Conduct a study to determine potential <b>intersection improvements at US-1 and CR 905</b> , including bike lane continuity through the intersection   |
| 12 | 134 | Key Largo  | Conduct a feasibility study for <b>signal modifications at the pedestrian signal south of the Key Largo Elementary School</b> <u>(to consider moving the crosswalk and the traffic signal from just north of Bowen Dr. to just south of Pompano Dr.)</u>   |
| 13 | 155 | Multiple   | Conduct a detailed study to evaluate the feasibility of <b>Water Ferry Service from Miami to Key West</b>  |
| 14 | 158 | Multiple   | Conduct a study to evaluate the feasibility of implementing active <b>traffic management strategies</b> 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 |

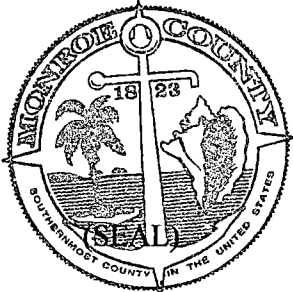
|    |     |          |  |
|----|-----|----------|--|
| 15 | 162 | Multiple | Conduct a study to determine the feasibility of <u>adding bus stops</u> , improving bus stop amenities such as shelters, Wi-Fi, bike racks, seating, lighting, driver notification push buttons, etc. along US 1 |
|----|-----|----------|--|

**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 work with the municipalities and the Florida Keys Transportation Coordination Committee to prioritize projects submitted by the County and the municipalities, particularly in identifying projects that can be funded and implemented within the next Five-Year Work Program.

**PASSED AND ADOPTED** by the Board of County Commissioners of Monroe County, Florida, at a special meeting held on the 3<sup>rd</sup> day of November 2021.

|                                     |            |
|-------------------------------------|------------|
| Mayor Michelle Coldiron             | <u>Yes</u> |
| Mayor Pro Tem David Rice            | <u>Yes</u> |
| Commissioner Craig Cates            | <u>Yes</u> |
| Commissioner Eddie Martinez         | <u>Yes</u> |
| Commissioner Holly Merrill Raschein | <u>Yes</u> |



ATTEST: KEVIN MADOK, CLERK

By *Kevin Madok*  
AS DEPUTY CLERK

BOARD OF COUNTY COMMISSIONERS  
OF MONROE COUNTY, FLORIDA

BY *Michelle Coldiron*  
MAYOR MICHELLE COLDIRON

MONROE COUNTY ATTORNEY  
APPROVED AS TO FORM

*Peter Morris*  
PETER MORRIS  
ASSISTANT COUNTY ATTORNEY  
Date: 11/23/21

CLERK C.R. CT.  
MONROE COUNTY, FL

2021 DEC -2 AM 9:18

FILED FOR RECORD

## **City of Key West Transportation Coordination Team**

### **Prioritization of Monroe County Transportation Master Plan Recommendations**

On September 10, 2021, the Monroe County Draft Transportation Master Plan was released to the Florida Keys Transportation Coordination Committee (FKTCC). The FKTCC is an advisory committee to the Monroe Board of County Commissioners, of which each committee member is a sitting elected liaison from each of the five municipalities within Monroe County. The FKTCC Committee members were asked to review the draft Transportation Master Plan for prioritization of potential solutions.

On September 22nd, FKTCC Committee Member and City of Key West Commissioner Mary Lou Hoover met with the City of Key West Transportation Coordination Committee for review and ranking of the Master Plan recommendations. All 101 recommendations were evaluated through multiple lenses, which included: their effect on Key West, Benefits to Lower Key Shuttle Transit, ability to reduce crashes, vehicle miles travelled and greenhouse gas reductions, alignment with City Plans (Comprehensive, Transit Development, Bike Ped Master, Strategic, etc.), and fundability.

Recognizing that the Master Transportation Plan covers the entirety of the Florida Keys, the Team decided to promote the top 5 across three different sectors: What would help Key West the most, what would help the Lower Keys Shuttle the most, and what would help regional transportation the most. Lastly, the team identified a few recommendations that were not in the Master Plan.

These priorities were passed as part of Resolution 21-7686 by City Commission on October 5, 2021.

#### **Top 5 Priorities for Key West / Stock Island Area:**

- #24 - 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
- #NEW - Access Management Study of North Roosevelt
- #8 - Feasibility study to reconfigure (potentially a roundabout) the intersection of US-1 and Roosevelt Boulevard
- #7 - Conduct a feasibility study to widen sidewalks on the southside of North Roosevelt Blvd
- #3 - Conduct a signal retiming study to optimize signal timing in Key West

#### **Top 5 Priorities for Lower Keys Shuttle Transit**

- #65 - 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 (Big Pine)
- #172 - Coordinate with Key West Transit in planning and development of the proposed Key West Intermodal Center
- #88 - 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 (Marathon)
- #167 - 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 Mobility Hub and Key West (Multiple).
- #162 - Conduct a study to determine the feasibility of improving Bus Stop amenities such as Shelter, Wi-Fi, bike racks, seating, lighting, driver notification push button, etc. along US 1 (Multiple)

### **Top 5 Regional Priorities**

- #108 - 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 (Islamorada)
- #131 - 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 (Key Largo)
- #173 - The City of Key West proposed a modified Lower Keys Shuttle to end at the new Key West Intermodal Center
- #66 - Conduct a planning study to determine the need for and feasibility of a bypass bridge on the south side of Big Pine (Big Pine)
- #166 - Develop a Mobility On-Demand Application to assist users with trip planning and mobility options along US 1 (Multiple)

### **Additional Recommendations to Add to the List**

- #NEW – Dedicated Left turns on SB Truman Avenue at the intersection with White Street
- #NEW – Dedicated Left turn lane at SB North Roosevelt at the intersection with Palm Avenue.
- #NEW – Coordinated elevation of Truman Avenue at the intersection with Jose Marti.



**CITY OF MARATHON, FLORIDA  
RESOLUTION 2021-126**

**A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA PROVIDING RECOMMENDATIONS FROM THE POTENTIAL SOLUTION LIST OF PROJECTS WITHIN APPENDIX G OF THE APPROVED MONROE COUNTY, FLORIDA U. S. 1 TRANSPORTATION MASTER PLAN TO IMPROVE TRAFFIC FLOW, ALLEVIATE CONGESTION, IMPROVE SAFETY AND ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1.**

**WHEREAS**, City of Marathon policies and regulations adopted in the City of Marathon 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**, Objective 7-1.5 of the City of Marathon Comprehensive Plan requires Marathon to coordinate with the appropriate State agencies and local governments; and

**WHEREAS**, Policy 7-1.5.3 of the City of Marathon Comprehensive Plan requires the city in coordination with FDOT to review all proposed improvements to ensure they are consistent with the Plan; and

**WHEREAS**, Policy 7-1.6.1 of the City of Marathon Comprehensive Plan states the City shall participate in right-of-way planning and preservation efforts including, but not limited to, the Florida Keys Overseas Heritage Trail State Park and the FDOT corridor-wide master plan for District VI; and

**WHEREAS**, City of Marathon Comprehensive Plan Policy 7-1.1. 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**, 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 Board of County Commissioners 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 Board of County Commissioners 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 Board of County Commissioners to evaluate the opportunities, constraints and to select and prioritize the projects at future meetings; and

**WHEREAS**, it is anticipated the City of Marathon wishes to provide the Monroe County Board of County Commissioners with recommendations from U.S. 1 Transportation Master Plan recommended potential project list; and

**WHEREAS**, it is anticipated the compiled list of potential projects from the County and municipalities will be prioritized through the review and input from the Florida Keys Transportation Coordination Committee (FKTCC), and the FKTCC will provide an overall recommendation to the Monroe County Board of County Commissioners via a FKTCC resolution; and

**WHEREAS**, it is anticipated the Monroe County Board of County Commissioners will adopt a resolution with the entire prioritized 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 City concurs with the recommendations and has identified recommendations to add to the potential solution list for the traffic goals listed above.

**Section 2.** The Marathon City Council does hereby provide the following recommendations as listed below, and incorporated herein.

| Excerpt from Appendix G: Potential Solution List |       |                 |  |
|--|-------|-----------------|--|
|  | Ref # | Key             | Project Description  |
| 1  | 80    | Marathon        | Conduct a feasibility study to restrict traffic to a <b>“RIGHT TURN ONLY” at the intersection of US-1 and Aviation Boulevard/72nd Street; alternatively, feasibility study of a potential traffic light at this intersection.</b>  |
| 2  | 155   | Multiple        | Conduct a detailed study to evaluate the feasibility of <b>Water Ferry Service from Miami to Key West</b>  |
| 3  | 158   | Multiple        | Conduct a study to evaluate the feasibility of implementing active <b>traffic management strategies</b> 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 |
| 4  | 162   | Multiple        | Conduct a study to determine the <b>feasibility of adding bus stops</b> , improving bus stop amenities such as shelters, Wi-Fi, bike racks, seating, lighting, driver notification push buttons, etc. along US 1   |
| 5  |       | <u>Marathon</u> | <u>Conduct a study to evaluate the feasibility of readjusting intersection at 107th to create a 4-way intersection</u>   |
| 6  |       | <u>Marathon</u> | <u>Conduct a study to evaluate the feasibility of adding a crosswalk to Coco Plum intersection with US 1</u>   |
| 7  |       | <u>Marathon</u> | <u>Conduct a study to evaluate the feasibility of intersection adjustments Banana Blvd and US 1</u>  |
| 8  |       | <u>Marathon</u> | <u>Conduct a study to evaluate the feasibility of deceleration and access lanes for parcel at Vaca Cut</u>   |

|    |  |                 |  |
|----|--|-----------------|--|
| 9  |  | <u>Multiple</u> | <u>Further beautification projects and median improvements along US 1</u>  |
| 10 |  | <u>Marathon</u> | <u>Conduct a feasibility study for the creation and installation of walkover or pedestrian bridges in Marathon</u>   |
| 11 |  | <u>Marathon</u> | <u>Coordinate with DEP culvert creation for Curry Hammock/Valhalla culvert to restore historic flow through between Ocean and Bay</u>                              |
| 12 |  | <u>Marathon</u> | <u>DOT drainage projects in Old Town District (Knights Key to 30<sup>th</sup> Street), with lease agreements for existing parking in DOT ROW</u>                   |
| 13 |  | <u>Marathon</u> | <u>Conduct a study to evaluate the feasibility of altering Knights Key intersection onto US 1 to include lanes for both left and right turns.</u>                  |
| 14 |  | <u>Marathon</u> | <u>Conduct a study to evaluate the feasibility of widening US 1 between Knights Key intersection and 11<sup>th</sup> Street for potential center turning lane.</u> |

**Section 3.** The Marathon City Council 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 Marathon City Council authorizes staff to work with the County, municipalities, and the Florida Keys Transportation Coordination Committee to prioritize projects submitted by the County and the municipalities, particularly in identifying projects that can be funded and implemented within the next Five-Year Work Program.

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MARATHON,  
FLORIDA, THIS 14TH DAY OF DECEMBER 2021.**

**THE CITY OF MARATHON, FLORIDA**

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**John Bartus, Mayor**

AYES:

NOES:

ABSENT:

ABSTAIN:

**ATTEST:**

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Diane Clavier, City Clerk

(City Seal)

**APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE  
CITY OF MARATHON, FLORIDA ONLY:**

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Steven Williams, City Attorney



# ***MEMORANDUM***

**TO:** Gregory J. Oravec, Village Manager

**FROM:** Maria T. Bassett, Finance Director

**DATE:** November 17, 2021

**SUBJECT: ISLAMORADA PROPOSED PRIORITY TRANSPORTATION PROJECTS**

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In October 2020, Monroe County adopted a Transportation Master Plan to provide recommendations for improvements on U. S. 1 to address transportation level of service issues and improve traffic flow in Monroe County. At a Council Meeting on November 18, 2021, representatives from Monroe County are scheduled to present the County's list of priority transportation projects within Islamorada selected from the approved U. S. 1 Transportation Master Plan. The priority projects would improve traffic flow, alleviate congestion, improve safety and assist in improving the level of service on U. S. 1. As part of this effort, Islamorada is asked to provide Monroe County with ten of its own priority projects in Islamorada. Ultimately, the projects will be considered by the Florida Keys Transportation Coordination Committee and the Monroe County Board of County Commissioners.

This memorandum is in response to your direction that I work with other staff to develop Islamorada's list of proposed priority projects for U. S. 1. The intent is to prepare a list of projects for consideration by the Village Council and the public at its Special Call Meeting on December 2, 2021 before presentation to Monroe County.

Preliminarily, I have met with Public Works and Wastewater Director Andrew ("A J") Engelmeyer and with Acting Planning Director Hank Flores. Projects from the County list with which staff agrees are included and are indicated as such. The Village Planning Department has had transportation-related studies conducted and prepared by outside consultants that may be referenced at some point during this process, as needed.

Projects from or similar to those on Monroe County Master Plan List:

- 1 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. (Project #104 and #117 from the Monroe County List)
- 2 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. (Project #108 from the Monroe County List)
- 3 Convert Snake Creek Bridge to a high-level fixed bridge. (Project #113 from the Monroe County List)
- 4 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. (#116 from Full List)
- 5 Resurface U. S. 1 through entirety of Islamorada to repair areas further damaged as a result of Hurricane Irma. (Projects #115 and #119 from the Monroe County List)
- 6 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. (Project #162 from the Monroe County Lis)

Additional project proposals by Islamorada staff:

- 7 Move FDOT weigh station to alternate location.
- 8 Add bike paths/walkways on bridges within Islamorada to increase safety for bikers and walkers to get from one island to another.
- 9 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.
- 10 Add raised medians in the middle of U. S. 1 at certain locations to facilitate pedestrian crossing and safety, especially on Upper Matecumbe.



## **RESOLUTION NO. 2021-18**

### **A RESOLUTION BY THE CITY OF KEY COLONY BEACH, FLORIDA PROVIDING RECOMMENDATIONS FROM THE POTENTIAL SOLUTION LIST OF PROJECTS WITHIN APPENDIX G OF THE APPROVED U. S. 1 TRANSPORTATION MASTER PLAN TO IMPROVE TRAFFIC FLOW, ALLEVIATE CONGESTION, IMPROVE SAFETY AND ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1.**

---

**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 Board of County Commissioners 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**, the U.S. 1 Transportation Master Plan was developed in coordination with the public, stakeholders, and municipalities; and

**WHEREAS**, the U.S. 1 Transportation Master Plan was provided to the municipalities in draft and final format to encourage each community to review the Potential Solution List and provide feedback to the County; and

**WHEREAS**, on October 20, 2021, at their regular meeting, the Monroe County Board of County Commissioners 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 Board of County Commissioners to evaluate the opportunities, constraints and to select and prioritize the projects at future meetings; and



**WHEREAS**, the municipal jurisdictions are encouraged to provide the Monroe County Board of County Commissioners with recommendations from U.S. 1 Transportation Master Plan recommended potential project list; and

**WHEREAS**, it is anticipated the compiled list of potential projects from the County and municipalities will be prioritized through the review and input from the Florida Keys Transportation Coordination Committee (FKTCC), and the FKTCC will provide an overall recommendation to the Monroe County Board of County Commissioners via a FKTCC resolution; and

**WHEREAS**, it is anticipated the Monroe County Board of County Commissioners will adopt a resolution with the entire prioritized 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 CITY COUNCIL OF KEY COLONY BEACH, FLORIDA, AS FOLLOWS:**

**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 **CITY COMMISSION OF THE CITY OF KEY COLONY BEACH, FLORIDA**, has identified recommendations from the potential solution list for the traffic goals listed above.

**Section 2.** The **CITY COMMISSION OF THE CITY OF KEY COLONY BEACH, FLORIDA**, does hereby provide the following recommendations as listed below, and incorporated herein.

**1. Islamorada –**

- a. Conduct an Access Management Study along US 1 between Mile Marker 77 and 83 to determine the need for turn lanes and/or other access management improvements.
- b. Review the possibility of improvements to the Old Highway to better serve as a frontage road. *See*, Reference No. 104.
- c. Convert Snake Creek Bridge to a high-level fixed bridge. Prioritize the bridge replacement evaluations, which is currently scheduled for a PD&E study in FY202. Reference #113

**2. *Key Colony Beach* –**

- a. 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.

**3. *Key West* –**

- a. Conduct a feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard. See, Reference No. 8.

**4. *Marathon* –**

- a. Conduct a traffic pattern feasibility study to restrict traffic to a “Right Turn Only” at the intersection of US-1 and Aviation Boulevard/72<sup>nd</sup> Street. See, Reference No. 80.
- b. Coordinate with Miami-Dade Transit requesting a possible extension of MDT Route 301 to the south end of Marathon, Florida. See, Reference No. 85 from US-1 Master Plan.

**5. *Multiple* –**

- a. 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;
- b. Extend Road Ranger Services into Monroe, maybe as a pilot program focusing on high crash locations;
- c. Explore the use of Big Date, Digital Twinning, and/or AI Tools. See, Reference No. 158.
- d. Further conduct a feasibility study to evaluate implementation of bus stops, improving bus stop amenities, such as “shelters, Wi-Fi, bike racks, seating, lighting, driving notification push buttons, etc” along US-1. See, Reference No. 162 from US-1 Master Plan.

**6. *Stock Island* –**

- a. Modify signal timing (offsets) along US-1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow. See, Reference No. 20.

**Section 3.** The CITY COMMISSION OF THE CITY OF KEY COLONY BEACH, FLORIDA, recommendations are being provided to assist in identifying transportation projects to evaluate and forward to the Florida Department of Transportation.

**Section 4.** The Clerk is authorized to record this Resolution in the appropriate record book upon its adoption.

**Section 5.** This Resolution shall become effective immediately upon adoption.

**PASSED AND ADOPTED** by the **CITY COMMISSION OF THE CITY OF KEY COLONY BEACH, FLORIDA**, at a Regular Meeting held on the 23 day of **NOVEMBER, 2021**.

|                                 |          |              |
|---------------------------------|----------|--------------|
| Mayor Ronald Sutton             | NO _____ | YES <u>✓</u> |
| Vice Mayor Patti Trefry         | NO _____ | YES <u>✓</u> |
| Commissioner Kathryn McCullough | NO _____ | YES <u>✓</u> |
| Commissioner John DeNeale       | NO _____ | YES <u>✓</u> |
| Commissioner Tom Harding        | NO _____ | YES <u>✓</u> |

Approved as to form and legal sufficiency:

By the Office of the City Attorney  
c/o Dirk M. Smits, Esq.  
Vernis & Bowling, of the Florida Keys, P.A.  
81990 Overseas Highway, 3<sup>rd</sup> Floor  
Islamorada, Florida 33036  
Tel: (305) 664-4675  
Fax: (305) 664-5414  
Email: [dsmits@florida-law.com](mailto:dsmits@florida-law.com)  
[keysfiling@florida-law.com](mailto:keysfiling@florida-law.com)

(SEAL)

ATTEST: CLERK

  
AS CITY CLERK

 MAYOR



**CITY OF LAYTON, FLORIDA**

**RESOLUTION NO. 2021-12-01**

**A RESOLUTION BY THE CITY OF LAYTON PROVIDING  
RECOMMENDATIONS FROM THE POTENTIAL SOLUTION LIST  
OF PROJECTS WITHIN APPENDIX G OF THE APPROVED U. S. 1  
TRANSPORTATION MASTER PLAN TO IMPROVE TRAFFIC  
FLOW, ALLEVIATE CONGESTION, IMPROVE SAFETY AND  
ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1.**

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**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 Board of County Commissioners 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**, the U.S. 1 Transportation Master Plan was developed in coordination with the public, stakeholders, and municipalities; and

**WHEREAS**, the U.S. 1 Transportation Master Plan was provided to the municipalities in draft and final format to encourage each community to review the Potential Solution List and provide feedback to the County; and

**WHEREAS**, on October 20, 2021, at their regular meeting, the Monroe County Board of County Commissioners 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 Board of County Commissioners to evaluate the opportunities, constraints and to select and prioritize the projects at future meetings; and

**WHEREAS**, the municipal jurisdictions are encouraged to provide the Monroe County Board of County Commissioners with recommendations from U.S. 1 Transportation Master Plan recommended potential project list; and

**WHEREAS**, it is anticipated the compiled list of potential projects from the County and municipalities will be prioritized through the review and input from the Florida Keys Transportation Coordination Committee (FKTCC), and the FKTCC will provide an overall recommendation to the Monroe County Board of County Commissioners via a FKTCC resolution; and

**WHEREAS**, it is anticipated the Monroe County Board of County Commissioners will adopt a resolution with the entire prioritized 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 CITY OF LAYTON 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 **CITY OF LAYTON** has identified recommendations from the potential solution list for the traffic goals listed above.

**Section 2.** The **CITY OF LAYTON** does hereby provide the following recommendations as listed below, and incorporated herein.

1. Request FDOT consider pedestrian, bicycle, and other multimodal users in all projects and evaluations for impacts and potential improvements.
2. Request FDOT evaluate Upper Keys traffic congestion areas to identify locations appropriate for the inclusion of merge, acceleration and deceleration lanes to improve traffic flow at shopping centers, grocery and prescription drug stores; business centers; professional offices (i.e. doctor offices); etc.
3. Request FDOT evaluate segments operating at a Level of Service (LOS) D and E, as identified in the 2021 Arterial Travel Time and Delay Study, to develop recommendations for specific projects to improve the level of service and traffic flow, such as merge, acceleration and deceleration lanes, dedicated left turn lanes, etc.
4. Request a study by FDOT, in coordination with the Village of Islamorada, to evaluate the need for turn-lane improvements at the intersection of High Point Road and U.S. 1.
  1. Request the Village of Islamorada consider modifying existing vehicle travel lanes



- on High Point Road to include a left-turn only lane and a right-turn only lane for vehicles exiting High Point Road. Request FDOT conduct a study to develop a center turn lane at the intersection of High Point Road and U.S. 1.
5. Request the BOCC, in coordination with FDOT, consider developing an overlay zoning district or similar concept (MM96-100 Key Largo) that would require parcels that propose to develop transient uses (hotel/motel/resort properties) or that propose a substantial improvement of existing transient uses, to provide right-turn only lanes for vehicles exiting the parcel onto U.S. 1 where: (1) the median is forested and (2) U.S. 1 is split into separate southbound and northbound two-lane roadways.
  6. Request FDOT to evaluate intersections within Key Largo, where local roads intersect with U.S. 1 and experience high congestion and/or accidents, to develop right-turn pavement marking and signage on local roads. For areas that include left-turns onto U.S. 1 from local roads, include deceleration and acceleration turn lanes with appropriate pavement markings within the median.
  7. Request FDOT to conduct a study to improve signage at the intersection of County Road 905 and U.S. 1 (MM106.5).
  8. Request a study by FDOT, in coordination with the City of Marathon, to develop a center turn-lane on U.S. 1 from 15<sup>th</sup> Street to 11<sup>th</sup> Street at the west end of Marathon.
  9. 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.
  10. Request the BOCC and FDOT consider the development of Public / Private Partnership Incentives to improve transportation and improve safety.
    - a. Situation: Shopping Centers that generate enough traffic that they may warrant a traffic light where their roadway intersects with U.S. 1.
    - b. Problem: The traffic signal reduces the capacity of U.S. 1 from approximately 1,800 vehicles per lane, per hour to approximately 600 vehicles per lane, per hour. Traffic lights may not always eliminate accidents, but change the configuration of accidents.
    - c. Potential Solution: Allow the shopping center to add square footage, within their existing footprint (possibly by adding a 2<sup>nd</sup> floor, or rebuilding the shopping center), if they enter into an agreement to remove the existing traffic signal and replace it with a flyover ramp or traffic circle.  
 Note, this proposed solution may require comprehensive plan and land development code amendments to increase nonresidential intensity (maximum floor area ratios) standards or to create or adjust standards to implement the ramps or circles.
  11. Request FDOT conduct a signal re-timing study to optimize signal timing in Stock Island.
  12. Request FDOT to conduct a feasibility study to reconfigure the intersection of U.S. 1 and Roosevelt Boulevard.
  13. Request FDOT review and provide a status to the “weight station study”, evaluate the potential to remove the existing weigh station at MM 86.5 and replace with a “weigh-in-motion” option.

**Section3.**      **NOW THEREFORE, BE IT RESOLVED BY THE City of Layton City Council to support Monroe County's Florida Keys Transportation Coordination Committee's recommendations.**

Passed and Adopted by the City Council of Layton, Monroe County, Florida at a regular meeting of said City Council held on the December 2, 2021

|                          |                          |                      |
|--------------------------|--------------------------|----------------------|
| Vice Mayor Greg Lewis    | Yes <u>  X  </u>         | No <u>          </u> |
| Councilwoman Yesi Diaz   | Yes <u> NOT PRESENT </u> | No <u>          </u> |
| Councilman Philip Porter | Yes <u>  X  </u>         | No <u>          </u> |
| Councilwoman Susan Grant | Yes <u>  X  </u>         | No <u>          </u> |
| Councilwoman Cindy Lewis | Yes <u> NOT PRESENT </u> | No <u>          </u> |

BY Mimi Young  
Mimi Young, City Clerk

BY Bruce Halle  
Bruce Halle, Mayor City of Layton