



Council Communication

To: Mayor and Village Council

From: Gregory J. Oravec, Village Manager

Date: November 12, 2021

SUBJECT: PRESENTATION BY MONROE COUNTY REGARDING US 1 MASTER PLAN STUDY

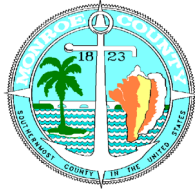
At the Village Council meeting of November 18, 2021, representatives of Monroe County will present the Transportation Master Plan for US 1 (TMP) adopted by the Monroe County Board of County Commissioners (BOCC) on October 20, 2021, and the top 15 TMP projects as selected by the BOCC on November 3, 2021.

As the lead transportation agency in our community, Monroe County is seeking feedback from all of the county's municipalities on its TMP and its priorities in the hopes that each municipality will support those priorities and identify up to ten of their own, thereby allowing the County and municipalities to present, and advocate for, a united Florida Department of Transportation work program. The staff and I are generally supportive of this approach and would suggest that the Council digest this presentation and then develop its recommendations and priority list at one or more subsequent Council meetings. Accordingly, if it is acceptable to the Council, we will schedule this matter for further discussion at the Special Call Meeting of December 2 and, as necessary, for the Regular Meeting of December 16.

As you may recall, the TMP is over 700 pages. Therefore, rather than distribute it as part of the packet, the file is available from the Village Clerk's Office upon request. Attached, please find the BOCC Agenda Item of November 3, 2021, which provides an excellent synopsis and the BOCC's top 15 projects.

If you have any questions or require additional information, please do not hesitate to contact me.

Thank you.



MONROE COUNTY BOARD OF COUNTY COMMISSIONERS

RESOLUTION NO. ____ - 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.

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.

Excerpt from Appendix G: Potential Solution List			
	Ref #	Key	Project Description
1	6	Key West	Conduct a review to improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection
2	8	Key West	Feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard
3	20	Stock Island	Modify signal timing (offsets) along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.
4	40	Lower Sugarloaf Key	Refurbish/upgrade bicycle pavement markings and signing in the vicinity of the Harris Channel Bridge
5	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.
6	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

7	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
8	113	Islamorada	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 FY2026
9	n/a	Islamorada	<u>Implement a weigh-in-motion technology upgrade, 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 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.
11	130	Key Largo	Conduct a study to determine potential intersection improvements at US-1 and CR 905 , including bike lane continuity through the intersection
12	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>
13	155	Multiple	Conduct a detailed study to evaluate the feasibility of Water Ferry Service from Miami to Key West
14	158	Multiple	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

15	162	Multiple	<p>Conduct a study to determine the feasibility of adding bus stops, improving bus stop amenities such as shelters, Wi-Fi, bike racks, seating, lighting, driver notification push buttons, etc. along US 1</p>
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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 regular meeting held on the 3rd day of November 2021.

Mayor Michelle Coldiron	_____
Mayor Pro Tem David Rice	_____
Commissioner Craig Cates	_____
Commissioner Eddie Martinez	_____
Commissioner Holly Merrill Raschein	_____

BOARD OF COUNTY COMMISSIONERS
OF MONROE COUNTY, FLORIDA

BY _____
MAYOR MICHELLE COLDIRON

(SEAL)

ATTEST: KEVIN MADOK, CLERK

By _____
AS DEPUTY CLERK



BOARD OF COUNTY COMMISSIONERS

Mayor Michelle Coldiron, District 2
Mayor Pro Tem David Rice, District 4
Craig Cates, District 1
Eddie Martinez, District 3
Holly Merrill Raschein, District 5

County Commission Meeting

November 3, 2021

Agenda Item Number: B.1

Agenda Item Summary #9889

BULK ITEM: No

DEPARTMENT: Planning/Environmental Resources

TIME APPROXIMATE:

STAFF CONTACT: Emily Schemper (305) 289-2500

n/a

AGENDA ITEM WORDING: Discussion and Direction on Selecting Projects from the Potential Solution List of Projects within Appendix G of the Approved U.S. 1 Transportation Master Plan; Review of Staff Recommended Projects to Include in the County Recommended Projects; and Adoption of a Resolution bearing the County Recommended Projects.

ITEM BACKGROUND:

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

The Florida Keys are dependent on safe, attractive, resilient, sustainable, and efficient access and travel along U.S.1 throughout Monroe County, and the Monroe County Comprehensive Plan ("Comprehensive Plan" or "CP") Policy 301.1.2 and Land Development Code ("LDC") Sections 114-2 and 114-200 have established a transportation level of service ("LOS") standard for U.S.1 as LOS "C." This LOS is measured biennially through the U.S. 1 Arterial Travel Time and Delay Study ("ATTDS"), on both an overall and individual segment basis. The 2021 ATTDS showed that U.S. 1 is operating at an overall LOS "C," but two segments are currently operating at LOS D and E, which does not meet the County's adopted standard.

In addition, Monroe County residents recognize and regularly express their concerns about ongoing increases in traffic issues on U.S. 1 within the Florida Keys.

The Monroe County Year 2030 Comprehensive Plan (*see* Policies 301.4.1 and 401.3.1 below) requires the completion of a Transportation Master Plan by May 2021. The 2030 Comprehensive Plan includes an increased focus on improving alternative modes of transportation, including mass transit.

Policy 301.4.1

Monroe County shall 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. This date coincides with the Evaluation and Appraisal

review which follows the adoption of the revised Comprehensive Plan.

Policy 401.3.1

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.

On May 20, 2020, the Monroe County Board of County Commissioners (“BOCC”) approved the completion of a U.S. 1 Transportation Master Plan (“TMP”) to provide recommendations for U.S. 1 improvements to remedy LOS issues and to improve traffic flow within Monroe County and multimodal improvements. The County’s transportation consultant, AECOM, was hired to complete the study through the County’s Transportation Planning Program, which is funded through a Joint Participation Agreement with the Florida Department of Transportation (“FDOT”).

The development of the TMP has included a review of relevant existing data, such as traffic volumes, crash data, and transit information; meetings with stakeholders to get input on transportation issues and improvement opportunities; public input from numerous sources and public meetings; analysis of these factors to identify potential issues; and the development of a potential project list with high-level solutions, including roadway and multi-modal solutions to address the needs of pedestrians, bicyclists, public transit, and vehicular traffic.

The TMP is intended to serve as a master plan document that offers a comprehensive analysis of U.S. 1 transportation, and includes a full range of potential transportation improvement projects. The TMP provides a high level study that includes a broad list of potential projects along U.S. 1 that range from small scale, short term projects, to large scale items that could take substantial amounts of time and money, and which may or may not be of interest to the jurisdictions and their community.

The TMP report covers the data collection and public involvement process, an existing conditions analysis of the transportation corridor, vehicle crash data analysis, pedestrian and bicycle safety analysis, transit analysis, roadway analysis based on FDOT capacity level of service, review of water transportation systems, review of innovation/technological improvements and systems, a funding source analysis and findings and recommendations with Potential Solution List of Projects. The Potential Solution List of Projects is location within Section 11 of the TMP and within Appendix G. The County’s Traffic Consultant, AECOM, categorized the Potential Solution List into short-term, mid-term, and long-term projects based on projected cost, funding availability, project complexity, need for feasibility studies, inter-governmental agency coordination, right-of-way/utility/environmental impacts, and potential permitting requirements. There are a total of 183 projects in the list, with 58 of these projects already programmed in the current FDOT Five-Year Work Program.

The objective is to use the TMP, to have a broad list of potential projects for review and to develop a coordinated approach when requesting FDOT to assist in improving and facilitating the safe flow of traffic along U.S. 1 for all multi-modal users. This is consistent with the remarks of FDOT District Six Secretary, Stacy Miller, on developing a process to know and receive the priorities, needs and requests of the Florida Keys community.

Discussion and Direction on Selecting Projects from the Potential Solution List of Projects within Appendix G of the approved U.S. 1 Transportation Master Plan

This potential project list is to be further reviewed by the BOCC to evaluate the opportunities and constraints and to select projects.

It is also anticipated that by mid-November or December, the municipal jurisdictions will also review the TMP and adopt resolutions to provide the BOCC with recommendations from the potential project list.

Staff would suggest, upon receiving the recommended projects from the municipalities and once the County (BOCC) determines its project recommendations, that the entire list of projects be reviewed by the Florida Keys Transportation Coordination Committee (“FKTCC”) to recommend the prioritization of the projects.

Staff recommends this as a task of the FKTCC, based on the purpose and focus of the established committee, the knowledge gained of the transportation issues/opportunities based on the participation efforts of the committee members; and because the committee includes representation from each local jurisdiction. The FKTCC can provide an inclusive and balanced forum for prioritization of the entire compiled list of project recommendations from the County and municipalities and provide an overall recommendation to BOCC via FKTCC resolution.

Staff suggests the following schedule and actions for the review, discussion, recommendation and prioritization of projects for submission to FDOT:

November 3rd – Special BOCC – Further presentation of the U.S. 1 Transportation Master Plan and the potential solution list. Staff to provide initial recommendations of projects to BOCC. The BOCC may adopt a Resolution with County recommended projects.

November 17th or December 8th – Regular BOCC – Alternate meeting, if BOCC does not adopt a resolution with the County recommended projects at the November 3rd special meeting.

December 2021 – County staff to receive resolutions from municipalities with their project recommendations (up to 10 projects from each jurisdiction).

January 2022 - Special Florida Keys Transportation Coordination Committee (FKTCC) meeting – FKTCC, with representation from each local jurisdiction, to prioritize entire list of project recommendations from the County and municipalities and provide an overall recommendation to BOCC via FKTCC resolution.

February 2022 – Regular BOCC - FKTCC Resolution with recommendations presented to and considered by the BOCC. BOCC Resolution of prioritized project list for transmittal to FDOT.

In early 2022, the BOCC, representing the Florida Keys community, is anticipated to adopt the formal resolution with an overall prioritized project list for transmittal to FDOT, which will be

provided based on a coordinated approach, based on local support for projects and with prioritized recommendations by the FKTCC, which has representation from each local jurisdiction.

Staff anticipates the transmittal of the current priority projects to be the first of a long-term relationship with FDOT moving forward; and that there will be annual opportunities to adjust or add new priority projects.

For the future, the FDOT Work Program cycle begins in July, so a process schedule should be developed for review and coordination with the municipalities and FKTCC, and BOCC adoption of a resolution transmitting the priorities, needs and requests of the Florida Keys before August 1st each year for review and consideration in the preparation of the next FDOT Five-Year Work Program.

It should be noted that pursuant to Section 339.135(4)(c)1., Florida Statutes (“F.S.”), for purposes of developing a tentative work program, the BOCC shall serve as the metropolitan planning organization in those counties which are not located in a metropolitan planning organization and shall be involved in the development of the district work program to the same extent as a metropolitan planning organization. Further, pursuant to Section 339.135(4)(c)2., F.S., the district work program shall be developed cooperatively from the outset and include, to the maximum extent feasible, the project priorities which have been submitted to the district by August 1st.

Staff anticipates this proposed procedure will enhance the process of identifying coordinated and locally supported solutions and enhancing our partnership with FDOT to address and solve transportation issues affecting the Florida Keys, including the importance of and support for maintaining a safe, resilient and efficient access as well as travel along U.S. 1. *We are creating a continuing, cooperative, and comprehensive procedure for enhancing our transportation planning.*

Staff Review of the Potential Project List and Staff Recommendation:

Staff reviewed Appendix G of approved U.S. 1 Transportation Master Plan to identify projects for BOCC consideration which target the following goals (*not listed in order of priority*):

- Traffic flow improvement 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.
- Improvements projects facilitating movement and connectivity and alleviating congestion.
- Improvements projects addressing areas of marginally adequate or that are operating below the County’s adopted Level of Service (LOS C) standard as identified in the 2021 U.S. 1 Arterial Travel Time and Delay Study (ATTDs) report (i.e. LOS D for Windley, Segment 20 and LOS E for Upper Matecumbe, Segment 19).
- Improvements projects enhancing safety, particularly in areas with high crash rates (targeting locations that were on the high crash lists for multiple years).
- Improvements projects addressing intermodal transportation systems and facilitating mass transit opportunities.

As a note, staff also considered the projects within Appendix G already included within the FDOT Five-Year Work Program in its review and recommendation of County recommended projects. It is

noted that the following areas have projects within the FDOT Five-Year Work Program:

- 6 projects for Key West
- 12 projects in the Lower Keys (Rockland, Big Coppitt, Lower Sugarloaf, Cudjoe, Ramrod and Little Torch)
- 7 projects for Big Pine Key
- 3 projects for Bahia Honda
- 7 projects for Marathon
- 8 projects for Islamorada
- 8 projects for Key Largo
- 4 projects addressing technology and operations throughout the Florida Keys

As part of the initial unincorporated County review of the potential project list, staff recommends the BOCC consider the following projects (*listed geographically from south to north, not listed in order of priority*) to encompass the County recommended projects.

Staff Recommendation:

Excerpt from Appendix G: Potential Solution List				
	Ref #	Key	Project Description	Additional Comments/Information
1	6	Key West	Conduct a review to improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection	<i>FKTCC Resolution 01-2021 supports pedestrian, bicycle, and other multimodal users in all projects and evaluations for impacts and potential improvements.</i> Staff review: Improve multimodal options and enhance safety (high pedestrian and bicycle crash area)
2	8	Key West	Feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard	Potential right-of-way impacts. Requires coordination with stakeholders and public acceptance <i>FKTCC Resolution 01-2021 supports a feasibility study to reconfigure the intersection of U.S. 1 and Roosevelt Boulevard</i> Staff review: Reduce congestion, improve flow, and enhance safety. Improve operations and level of service (area of high congestion for local traffic)

3	20	Stock Island	Modify signal timing (offsets) along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.	Requires Coordination for FDOT Traffic Operations Office <i>FKTCC Resolution 01-2021 supports a signal re-timing study to optimize signal timing in Stock Island.</i> Staff review: Reduce congestion, improve operations and level of service, and enhance safety (area of high congestion for local traffic)
4	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.	<i>FKTCC Resolution 01-2021 supports pedestrian, bicycle, and other multimodal users in all projects and evaluations for impacts and potential improvements.</i> Staff review: Improve multimodal option and enhance safety
5	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	Potential access impacts; requires public involvement Staff review: Enhance safety
6	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	Requires coordination with stakeholders and public acceptance <i>FKTCC Resolution 01-2021 supports the evaluation of 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.</i> Staff review: Improve operations and level of service. and enhance safety in an area identified in the 2021 ATTDs as operating below the adopted LOS (LOS D for Windley, Segment 20 and LOS E for Upper Matecumbe, Segment 19)
7	125	Key Largo	Review and identify potential pedestrian and bicycle signing and pavement marking improvements along US 1 in the vicinity of the Ocean Bay Drive/Atlantic Avenue, Laguna Avenue, Holiday Boulevard and Magnolia Street intersections in Key Largo.	<i>FKTCC Resolution 01-2021 supports pedestrian, bicycle, and other multimodal users in all projects and evaluations for impacts and potential improvements.</i> <i>FKTCC Resolution 01-2021 supports the evaluation of 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.</i> Staff review: Improve multimodal options and enhance safety (irregular intersections – user confusion - high crash area - on the high crash lists for multiple years)

8	130	Key Largo	Conduct a study to determine potential intersection improvements at US-1 and CR 905 , including bike lane continuity through the intersection	<p>Requires coordination with stakeholders and public acceptance. Potential right-of- way impacts</p> <p><i>FKTCC Resolution 01-2021 supports improving signage at the intersection of 905 and U.S. 1</i></p> <p>Staff review: Reduce congestion, improve flow, improve multimodal options and enhance safety</p>
9	155	Multiple	Conduct a detailed study to evaluate the feasibility of Water Ferry Service from Miami to Key West	<p>Requires coordination with FDOT and Federal Transit Administration as well as potential private partnerships (i.e. with water ferry operators)</p> <p>Staff review: Alleviate and address traffic congestion. Improve level of service and reduce congestion by providing an alternative transportation option. Balance needs of tourism industry and economic stability with local traffic needs. Adding a water-transportation alternative would provide redundancy in transportation system and has the largest potential to divert the greatest number of passenger vehicles from US 1, and potentially enhancing economic sustainability.</p>
10	158	Multiple	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>Requires coordination with Monroe County Sheriffs, Emergency operations office, and FDOT</p> <p>Staff review: Provides technological improvements, infrastructure and community resiliency to enhance overall operations and safety enhancements.</p> <p><i>TSM&O = integrated strategies to optimize the performance of existing infrastructure through the implementation of multimodal and intermodal, cross-jurisdictional systems, services, and projects to preserve capacity and improve security, safety, and reliability of a transportation system.</i></p>
11	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	<p>Requires coordination with transit agencies and public acceptance</p> <p>Staff review: Improve transit services, potentially address staffing shortages, prepare for infrastructure and community resiliency</p>

PREVIOUS RELEVANT BOCC ACTION:

October 20, 2021 – Approval of a Resolution Approving the U.S. 1 Transportation Master Plan including the wide-ranging potential solution/project list, for County use in coordination with the municipalities, to review, select and prioritize projects.

October 20, 2021 – Acceptance of a Resolution by the Keys Transportation Coordination Committee’s (FKTCC) recommending to the BOCC 13 projects for traffic congestion improvements on U.S. 1.

September 15, 2021 – Approval of Resolution 292-2021 in support of traffic flow improvement projects that would alleviate congestion on U.S. 1 and assist in improving the Level of Service on U.S. 1.

May 20, 2020 – Approval of Work Order No. 10 for AECOM to complete the Transportation Master Plan.

CONTRACT/AGREEMENT CHANGES:

n/a

STAFF RECOMMENDATION: Direction on initial unincorporated County review of the potential project list and staff recommended projects to include in the County recommended projects.

Adoption of a Resolution with County recommended projects or direction to prepare a revised Resolution for the regular November or December BOCC meeting.

DOCUMENTATION:

- Resolution_DRAFT_BOCC_recommending TMP projects
- Resolution 402-2021 BOCC approval of Transportation Master Plan
- US-1 Transportation Master Plan_adopted 10.20.21_
- Oct 20 2021_Agenda Item N2_approving US-1 Transportation Master Plan
- Appendix G_Potential Solution List_US-1 Transportation MasterPlan
- BOCC Resolution 292-2021 supporting traffic flow improvement projects
- FKTCC Reso 01-2021_13 recommendations_color coded with TMP potential solution list

FINANCIAL IMPACT:

Effective Date:	
Expiration Date:	
Total Dollar Value of Contract:	
Total Cost to County:	
Current Year Portion:	
Budgeted:	
Source of Funds:	
CPI:	
Indirect Costs:	
Estimated Ongoing Costs Not Included in above dollar amounts:	
Revenue Producing:	If yes, amount:
Grant:	

County Match:
Insurance Required: n/a

Additional Details:

REVIEWED BY:

Cheryl Cioffari	Completed	10/25/2021 5:31 PM
Emily Schemper	Completed	10/26/2021 11:06 AM
Peter Morris	Completed	10/26/2021 4:19 PM
Purchasing	Skipped	10/26/2021 4:19 PM
Budget and Finance	Skipped	10/26/2021 4:19 PM
Maria Slavik	Completed	10/27/2021 9:12 AM
Liz Yongue	Completed	11/01/2021 9:23 AM
Board of County Commissioners	Pending	11/03/2021 9:00 AM



MONROE COUNTY BOARD OF COUNTY COMMISSIONERS

RESOLUTION NO. ____ - 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.

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

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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

1 of Islands operate below the adopted LOS standard (LOS D for Windley, Segment 20 and LOS E for
2 Upper Matecumbe, Segment 19); and

3
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6
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8 mainland by 112 miles of US Highway 1 (U.S. 1), extending from Key Largo to Key West; and

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

12
13 **WHEREAS**, the Florida Keys are dependent on a safe, attractive, resilient, sustainable, and
14 efficient access and travel along U.S. 1 throughout Monroe County; and

15
16 **WHEREAS**, on March 18, 2020, the Monroe County Board of County Commissioners approved
17 the completion a Transportation Master Plan to provide recommendations for U.S. 1 improvements to
18 remedy Level of Service issues and to improve traffic flow within Monroe County and multimodal
19 improvements; and

20
21 **WHEREAS**, the development of the U.S. 1 Transportation Master Plan includes reviewing
22 relevant existing data, such as traffic volumes, crash data, transit information; meetings with stakeholders
23 to get input on transportation issues and improvement opportunities; public input from numerous sources
24 and public meetings; analyzing these factors to identify potential issues and develop potential high-level
25 solutions, including roadway and multi-modal solutions to address the needs of pedestrians, bicyclists,
26 public transit, and vehicular traffic; and

27
28 **WHEREAS**, on October 20, 2021, at their regular meeting, the Monroe County Board of County
29 Commissioners adopted the U. S. 1 Transportation Master Plan; and

30
31 **WHEREAS**, the U.S. 1 Transportation Master Plan recommended potential project list will be
32 further reviewed by the Monroe County Board of County Commissioners to evaluate the opportunities,
33 constraints and to select and prioritize the projects at future meetings; and

34
35 **WHEREAS**, it is anticipated the municipal jurisdictions will provide Monroe County Board of
36 County Commissioners with recommendations from U.S. 1 Transportation Master Plan recommended
37 potential project list; and

38
39 **WHEREAS**, it is anticipated the compiled list of potential projects from the County and
40 municipalities will be prioritized through the review and input from the Florida Keys Transportation
41 Coordination Committee (FKTCC), and the FKTCC will provide an overall recommendation to the
42 Monroe County Board of County Commissioners via a FKTCC resolution; and

43
44 **WHEREAS**, it is anticipated the Monroe County Board of County Commissioners will adopt a
45 resolution with the entire prioritized project list, with the coordinated submission to Florida Department
46 of Transportation (FDOT); and

1 **WHEREAS**, coordinated and comprehensive solutions are necessary for the traffic flow,
2 congestion, safety and other transportation issues that affect the Florida Keys; and
3

4 **WHEREAS**, the FDOT is tasked with providing a safe statewide transportation system that
5 ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of
6 our environment and communities, and
7

8 **WHEREAS**, the partnership with FDOT is important to address and solve transportation issues
9 affecting the Florida Keys and recognizing the importance of and support for maintaining a safe, resilient
10 and efficient access and travel along U.S. 1;
11

12 **NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY**
13 **COMMISSIONERS OF MONROE COUNTY, FLORIDA:**
14

15 **Section 1.** Pursuant to the goals of improving traffic flow, alleviating congestion, improving and
16 maintaining the level of service for U.S. 1, enhancing safety and improving intermodal
17 transportation systems, the County has identified recommendations from the potential
18 solution list for the traffic goals listed above.
19

20 **Section 2.** The Board of County Commissioners does hereby provide the following
21 recommendations as listed below, and incorporated herein.
22

Excerpt from Appendix G: Potential Solution List			
	Ref #	Key	Project Description
1	6	Key West	Conduct a review to improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection
2	8	Key West	Feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard
3	20	Stock Island	Modify signal timing (offsets) along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.
4	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.
5	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

6	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
7	125	Key Largo	Review and identify potential pedestrian and bicycle signing and pavement marking improvements along US 1 in the vicinity of the Ocean Bay Drive/Atlantic Avenue, Laguna Avenue, Holiday Boulevard and Magnolia Street intersections in Key Largo.
8	130	Key Largo	Conduct a study to determine potential intersection improvements at US-1 and CR 905 , including bike lane continuity through the intersection
9	155	Multiple	Conduct a detailed study to evaluate the feasibility of Water Ferry Service from Miami to Key West
10	158	Multiple	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
11	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

Attachment: Resolution_DRAFT_BOCC_recommending TMP projects (County recommended projects from transportation master plan)

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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.

Attachment: Resolution_DRAFT_BOCC_recommending TMP projects (County recommended projects from transportation master plan)

1 **PASSED AND ADOPTED** by the Board of County Commissioners of Monroe County, Florida,
2 at a regular meeting held on the 3rd day of November, 2021.

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Mayor Michelle Coldiron _____
Mayor Pro Tem David Rice _____
Commissioner Craig Cates _____
Commissioner Eddie Martinez _____
Commissioner Holly Merrill Raschein _____

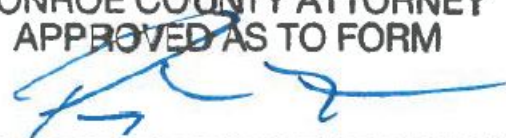
BOARD OF COUNTY COMMISSIONERS
OF MONROE COUNTY, FLORIDA

BY: _____
MAYOR MICHELLE COLDIRON

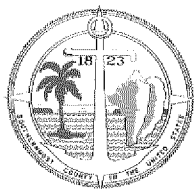
(SEAL)

ATTEST: KEVIN MADOK, CLERK

By _____
AS DEPUTY CLERK

MONROE COUNTY ATTORNEY
APPROVED AS TO FORM


PETER MORRIS
ASSISTANT COUNTY ATTORNEY
Date: 10/26/21



MONROE COUNTY BOARD OF COUNTY COMMISSIONERS

RESOLUTION NO. 402 - 2021

A RESOLUTION BY THE MONROE COUNTY BOARD OF COUNTY COMMISSIONERS APPROVING THE U.S. 1 TRANSPORTATION MASTER PLAN PREPARED FOR MONROE COUNTY PURSUANT TO THE MONROE COUNTY YEAR 2030 COMPREHENSIVE PLAN.

WHEREAS, Monroe County policies and regulations adopted in the Monroe County Comprehensive Plan (“Comprehensive Plan”) and Land Development Code (“LDC”) 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 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 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 Comprehensive Plan states that 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, 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. Highway 1 (“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 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

Attachment: Resolution 402-2021 BOCC approval of Transportation Master Plan (County recommended projects from transportation master

1 **WHEREAS**, on May 20, 2020, the Monroe County Board of County Commissioners
 2 (“BOCC”) approved the completion a Transportation Master Plan (“TMP”) to provide
 3 recommendations for U.S. 1 improvements to remedy LOS issues and to improve traffic flow within
 4 Monroe County and multimodal improvements; and

5
 6 **WHEREAS**, the development of the U.S. 1 TMP includes reviewing relevant existing data,
 7 such as traffic volumes, crash data, transit information; meet with stakeholders to get input on
 8 transportation issues and improvement opportunities; public input from numerous sources and public
 9 meetings; analyzing these factors to identify potential issues and develop potential high-level
 10 solutions, including roadway and multi-modal solutions to address the needs of pedestrians,
 11 bicyclists, public transit, and vehicular traffic; and

12
 13 **WHEREAS**, it is anticipated the U.S. 1 TMP recommended potential project list will be
 14 further presented and reviewed by the BOCC to evaluate the opportunities and constraints, and to
 15 select and prioritize the projects into timeframes of near-term (2021-2025), mid-term (2026-2030),
 16 long-term (2031-2040), and visionary (2041 and beyond) at future meetings; and

17
 18 **WHEREAS**, it is anticipated the municipal jurisdictions will adopt resolutions to provide the
 19 BOCC with recommendations and prioritization from the U.S. 1 TMP recommended potential project
 20 list; and

21
 22 **WHEREAS**, it is anticipated the BOCC and municipal jurisdictions will select prioritized
 23 projects from the U.S. 1 TMP recommended potential project list for a coordinated submission to the
 24 Florida Department of Transportation (“FDOT”) for review, consideration and funding; and

25
 26 **WHEREAS**, on October 20, 2021, at their regular meeting, the BOCC discussed the U. S. 1
 27 Transportation Master Plan; and

28
 29 **WHEREAS**, the BOCC hereby makes the following findings of facts:

- 30
 31 1. The U. S. 1 Transportation Master Plan addresses an intermodal transportation system and
 32 considers climate change impacts; and
 33
 34 2. The U. S. 1 Transportation Master Plan addresses mass transit for all residents and visitors,
 35 in coordination with municipalities and Miami-Dade County; and
 36
 37 3. The U. S. 1 Transportation Master Plan was developed in coordination with the public,
 38 stakeholders, and municipalities;

39
 40 **NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY**
 41 **COMMISSIONERS OF MONROE COUNTY, FLORIDA:**

42
 43 **Section 1. Recitals and Legislative Intent.** The foregoing recitals, findings of fact, and
 44 statements of legislative intent are true and correct and are hereby incorporated as if fully
 45 stated herein.

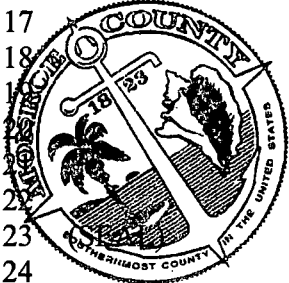
46
 47 **Section 2.** The U.S. 1 Transportation Master Plan, attached hereto as Exhibit “A”, is
 48 hereby incorporated as if fully stated herein.

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Section 3. The Monroe County Board of County Commissioners does hereby approve the U.S. 1 Transportation Master Plan, including the wide-ranging potential solution/project list, for County use in coordination with the municipalities, to review, select and prioritize projects.

PASSED AND ADOPTED by the Board of County Commissioners of Monroe County, Florida, at a regular meeting of the Board held on the 20th day of October 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>



BOARD OF COUNTY COMMISSIONERS
OF MONROE COUNTY, FLORIDA

BY: Michelle Coldiron
MAYOR MICHELLE COLDIRON

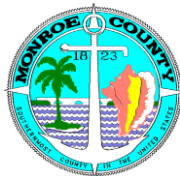
ATTEST: KEVIN MADOK, CLERK

By: Kevin Madok
AS DEPUTY CLERK

MONROE COUNTY ATTORNEY
APPROVED AS TO FORM
Peter Morris
PETER MORRIS
ASSISTANT COUNTY ATTORNEY
Date: 10/5/21

FILED FOR RECORD
2021 OCT 29 AM 9:55
CLERK CIR. CT.
MONROE COUNTY, FL

Attachment: Resolution 402-2021 BOCC approval of Transportation Master Plan (County recommended projects from transportation master



BOARD OF COUNTY COMMISSIONERS

Mayor Michelle Coldiron, District 2
Mayor Pro Tem David Rice, District 4
Craig Cates, District 1
Eddie Martinez, District 3
Holly Merrill Raschein, District 5

County Commission Meeting
October 20, 2021
Agenda Item Number: N.2
Agenda Item Summary #9714

BULK ITEM: No

DEPARTMENT: Planning/Environmental Resources

TIME APPROXIMATE:
10:30 am

STAFF CONTACT: Emily Schemper (305) 289-2500

AGENDA ITEM WORDING: Approval of a Resolution Approving the U. S. 1 Transportation Master Plan (AECOM Work Order #10).

ITEM BACKGROUND:

The Florida Keys are a chain of islands that are connected to each other and the mainland by 112 miles of U.S. Highway 1 (U.S.1), extending from Key Largo to Key West, and 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. The Florida Keys are dependent on safe, attractive, resilient, sustainable, and efficient access and travel along U.S.1 throughout Monroe County, and the Monroe County Comprehensive Plan Policy 301.1.2 and Land Development Code Sections 114-2 and 114-200 have established a transportation level of service (LOS) standard for U.S.1 as LOS "C." This LOS is measured biennially through the U.S.1 Arterial Travel Time and Delay Study (AATDS), on both an overall and individual segment basis. The 2021 AATDS showed that U.S.1 is operating at an overall LOS "C," but two segments are currently operating at LOS D and E, which does not meet the adopted standard. In addition, Monroe County residents recognize and regularly express their concerns about ongoing increases in traffic issues on U.S.1 within the Florida Keys.

The Monroe County Year 2030 Comprehensive Plan (see Policies 301.4.1 and 401.3.1 below) requires the completion of a Transportation Master Plan by May 2021. The 2030 Comprehensive Plan includes an increased focus on improving alternative modes of transportation, including mass transit.

Policy 301.4.1

Monroe County shall 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. This date coincides with the Evaluation and Appraisal review which follows the adoption of the revised Comprehensive Plan.

Policy 401.3.1

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.

On May 20, 2020, the Monroe County Board of County Commissioners (BOCC) approved the completion of a U.S.1 Transportation Master Plan (TMP) to provide recommendations for U.S. 1 improvements to remedy LOS issues and to improve traffic flow within Monroe County and multimodal improvements. The County's transportation consultant, AECOM, was hired to complete the study through the County's Transportation Planning Program, which is funded through a Joint Participation Agreement with the Florida Department of Transportation (FDOT).

The development of the TMP has included a review of relevant existing data, such as traffic volumes, crash data, and transit information; meetings with stakeholders to get input on transportation issues and improvement opportunities; public input from numerous sources and public meetings; analysis of these factors to identify potential issues; and development of a potential project list with high-level solutions, including roadway and multi-modal solutions to address the needs of pedestrians, bicyclists, public transit, and vehicular traffic.

The TMP, as presented today, is intended to serve as a master plan document that offers a comprehensive view of U.S.1 transportation, and includes a full range of potential transportation improvement projects. This potential project list will be further presented and reviewed by the BOCC to evaluate the opportunities and constraints, and to select and prioritize the projects into timeframes of near-term (2021-2025), mid-term (2026-2030), long-term (2031-2040), and visionary (2041 and beyond) at future meetings. It is also anticipated that the municipal jurisdictions will review the TMP and adopt resolutions to provide the BOCC with recommendations and prioritization from the potential project list. The BOCC can then select prioritized projects for a coordinated submission to the FDOT for review, consideration, and funding.

PREVIOUS RELEVANT BOCC ACTION:

May 20, 2020 – Approval of Work Order #10 for AECOM to complete the Transportation Master Plan.

CONTRACT/AGREEMENT CHANGES:

n/a

STAFF RECOMMENDATION: Approval of the U. S.1 Transportation Master Plan, including the wide-ranging potential solution/project list, for County use in coordination with the municipalities, to review, select and prioritize projects.

DOCUMENTATION:

10th Work Order 05/20/2020

TMP Resolution

Exhibit A to Resolution - US1 Transportation Master Plan 10-04-2021

US1 Transportation Master Plan 10-04-2021 Final Draft – Appendix G – Potential Solution List

FINANCIAL IMPACT:

Effective Date:
Expiration Date:

Total Dollar Value of Contract: N/A
Total Cost to County: N/A
Current Year Portion: N/A
Budgeted: N/A
Source of Funds: N/A
CPI: N/A
Indirect Costs:
Estimated Ongoing Costs Not Included in above dollar amounts:

Revenue Producing: No **If yes, amount:**
Grant: N/A
County Match: N/A
Insurance Required: N/A

Additional Details:

REVIEWED BY:

Emily Schemper	Completed	10/05/2021 2:31 PM
Peter Morris	Completed	10/05/2021 4:27 PM
Purchasing	Completed	10/05/2021 4:30 PM
Budget and Finance	Completed	10/05/2021 4:47 PM
Maria Slavik	Completed	10/05/2021 4:48 PM
Liz Yongue	Completed	10/05/2021 4:58 PM
Board of County Commissioners	Completed	10/20/2021 9:00 AM

APPENDIX G – Potential Solution List

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
1	1-1	Key West	Review and identify potential pedestrian/bicycle signing and marking improvements (including additional crosswalks) along S. Roosevelt Boulevard from Flagler Avenue to US 1.	Short-term	Safety		
2	1-2	Key West	Conduct a corridor study to evaluate the need for pedestrian signing and lighting enhancements, including additional midblock crosswalks along N. Roosevelt Boulevard from Jose Marti Drive to US 1	Mid-term	Safety		
3	2-2	Key West	Conduct a signal retiming study to optimize signal timing in Key West	Mid-term	Operations		
5	1-2	Key West	Conduct a lighting evaluation study at crosswalks along South Roosevelt Boulevard from Flagler Avenue to Bertha Street	Mid-term	Lighting		Requires coordination with stakeholders as well as Florida Fish and Wildlife Conservation Commission.
6	1-1	Key West	Conduct a review to improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection	Mid-term	Safety		
7	1-2	Key West	Conduct a feasibility study to widen sidewalks on the southside of North Roosevelt Blvd	Mid-term	Safety		Potential access management impacts; requires public involvement
8	2-2	Key West	Feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard	Mid-term	Operations/Safety		Potential right-of-way impacts. Requires coordination with stakeholders and public acceptance
15	1-2	Key West	FDOT Traffic Operations Office is evaluating a request to repair pedestrian signal heads that are not working at the intersection of US 1/Truman Avenue and White Street	FDOT is Currently Evaluating	Maintenance		
16	2-3	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	FDOT is Currently Evaluating	Operations		
17	3-3	Key West	FDOT Traffic Operations Office is evaluating a request to re-install a Stop sign and no left-turn sign at the intersection of US-1 and Aquamarine Drive	FDOT is Currently Evaluating	Maintenance		
18	2-2	Key West	FDOT Traffic Operations Office is evaluating a request for the emergency signal to be changed from solid yellow to flashing yellow at Eisenhower Drive	FDOT is Currently Evaluating	Operations		
19	2-1	Key West	FDOT Traffic Operations Office is evaluating a request for reduced speed limit (25 to 20 mph) in the vicinity of the Roosevelt Boulevard and Fleming Street intersection	FDOT is Currently Evaluating	Operations		
10	1-2	Key West	Pavement reconstruction; Add sidewalk on N. side; and 3 HAWK Pedestrian Signals along S. Roosevelt Boulevard from Bertha Street to Smathers Street	In FDOT 5-year Work Program	Safety	250548-8	FDOT Programmed Project

Attachment: Appendix G_Potential Solution List_US-1 Transportation MasterPlan (County recommended

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
11	6-1	Key West	Flexible Pavement Reconstruction at 1st Street and Bertha Street	In FDOT 5-year Work Program	Roadway	441959-1	FDOT Programmed Project
12	6-1	Key West	Resurfacing along US-1/Whitehead Street from Fleming street to west of Truman avenue	In FDOT 5-year Work Program	Roadway	443892-1	FDOT Programmed Project
13	6-1	Key West	Resurfacing along US-1/N. Roosevelt Boulevard from Eisenhower Drive to S. Roosevelt Boulevard	In FDOT 5-year Work Program	Roadway	446011-1	FDOT Programmed Project
14	1-1, 1-2	Key West	Bike Path/ Trail in the City of Key West to Southard Street	In FDOT 5-year Work Program	Safety	435497-2	FDOT Programmed Project; Cross Reference with the FKOF Project List
9	2-4	Key West	Install CCTV cameras along S. Roosevelt Boulevard from La Brisa to Key West of the Sea	In FDOT 5-year Work Program	Technology	250548-9	FDOT Programmed Project
20	2-2	Stock Island	Modify signal timing (offsets) along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.	Short-term	Operations		Requires Coordination with FDOT Traffic Operations Office
21	1-1	Stock Island	Review and identify potential pedestrian and bicycle signing and marking improvements along US 1 from Roosevelt Boulevard to MacDonald Avenue.	Short-term	Safety		
22	1-1	Stock Island	Evaluate the need for signing, pavement marking and sight distance improvements along the bike lanes in the vicinity of the Hurricane Hole Marina (near College Road South)	Short-term	Signing/Marking		
23	2-2, 2-3	Stock Island	Conduct a corridor study to evaluate the feasibility of widening US-1 to 6 lanes and/or intersection improvements between Roosevelt Boulevard and College Road North	Long-term	Roadway		Requires modifications to the Monroe County Comp Plan Policies and widening/reconstruction of the bridge between Key West and Stock Island
24	1-3, 1-6, 5-1	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	Long-term	Transit		FDOT's Consultant is conducting a feasibility study for the Key West Intermodal Center (park-n-ride hub to accommodate buses, vehicles, scooters, bicycles, etc.) to be located on Stock Island. Monroe County can coordinate with Key West Transit and FDOT regarding this study and the Five Mile Grant.
25	2-2	Stock Island	FDOT Traffic Operations Office conducted a Signal Warrant study at the intersection of US-1 and College Road North and will be installing a traffic signal at this location.	FDOT is Currently Evaluating	Operations		
26	2-3	Rockland Key	Conduct a study to evaluate the feasibility of installing an acceleration lane in the southbound direction at the intersection of US-1 and Calle Uno	Mid-term	Operations		
27	1-5, 2-3	Rockland Key	Conduct a study to evaluate the feasibility of relocating the merge area from the current location on the curve near Rockland Drive to a straight segment of US 1.	Mid-term	Operations		Potential R/W impacts; may require modifications to the Monroe County Comp Plan Policies

Attachment: Appendix G_Potential Solution List_US-1 Transportation MasterPlan (County recommended)

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
28	2-3	Rockland Key	Conduct an access management study to evaluate the need for turn lanes and/or frontage road improvements along US-1 from Coppitt Road to Boca Chica Road	Mid-term	Operations		Potential access impacts; requires public involvement
29	2-2, 2-3	Rockland Key	Feasibility study for possible intersection improvements along US 1 between Saratoga Avenue to Rockland Drive	Mid-term	Roadway		May require modifications to the Monroe County Comp Pl; Policies; potential R/W impacts
30	1-5, 2-2	Rockland Key	Conduct a study to determine the need for and feasibility of widening US-1 to 4 lanes from Rockland Drive to Boca Chica Road	Long-term	Roadway		Requires modifications to the Monroe County Comp Plan Policies; potential R/W impacts and bridge widening
31	1-1,1-2	Rockland Key	Conduct a study to evaluate the feasibility of widening the sidewalk along the southside of the Boca Chica Bridge	Long-term	Bridge		Potential R/W and environmental impacts
32	6-1	Rockland Key	Resurfacing US-1 from Frontage Road to Boca Chica Key	In FDOT 5-year Work Program	Roadway	443900-1	FDOT Programmed Project
33	4-3	Rockland Key	Landscaping along US-1 from north of the Boca Chica channel to S of Rockland Channel	In FDOT 5-year Work Program	Landscaping	444351-1	FDOT Programmed Project
34	4-3	Rockland Key	Landscaping along US-1 from the north of Cow Key Bridge to South of Boca Chica channel Bridge	In FDOT 5-year Work Program	Landscaping	446901-1	FDOT Programmed Project
35	1-1	Big Coppitt Key	Conduct a review to identify potential pedestrian/bicycle signing and pavement marking improvements along US 1 from Saratoga Avenue to Boca Chica Road	Short-term	Safety		
36	2-3	Big Coppitt Key	Conduct a Signal Warrant study at the intersection of US-1 at 4th Street	Mid-term	Operations		This location is only 0.75mi from Boca Chica Road where a Signal is also requested. Consider conducting a corridor stu so that potential impacts of having both of these signals ca be determined
37	2-3	Big Coppitt Key	Conduct a Signal Warrant study at the intersection of US-1 at Boca Chica Road	Mid-term	Operations		This location is only 0.75mi from 4th Street where a Signal also requested. Consider conducting a corridor study so th potential impacts of having both of these signals can be determined
39	3-3	Big Coppitt Key	FDOT Traffic Operations Office is evaluating a request for a directional sign at Coppitt Road	FDOT is Currently Evaluating	Signing/Marking		
38	6-2	Big Coppitt Key	Bridge Repair/Rehab Project at Shark Channel Bridge (900081)	In FDOT 5-year Work Program	Bridge	447752-1	FDOT Programmed Project
40	1-1	Lower Sugarloaf Key	Refurbish/upgrade bicycle pavement markings and signing in the vicinity of the Harris Channel Bridge	Short-term	Safety		
41	3-4	Lower Sugarloaf Key	Conduct a lighting study at US-1 and Bay Point	Mid-term	Lighting		Requires coordination with stakeholders as well as Florida Fish and Wildlife Conservation Commission

Attachment: Appendix G_Potential Solution List_US-1 Transportation MasterPlan (County recommended)

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
42	1-2	Lower Sugarloaf Key	Repair the pedestrian bridge between Lower Sugar Loaf and Bay Point	Mid-term	Bridge		Requires coordination with FDOT Maintenance and Structures Offices
43	2-2	Lower Sugarloaf Key	Conduct a feasibility study to determine potential intersection improvements at US 1 and Sugarloaf Road	Mid-term	Operations/Safety		
44	6-1	Lower Sugarloaf Key	Resurfacing along US-1 from MM 19.4 to MM 19.8 and MM 20.6 to 23.1	In FDOT 5-year Work Program	Roadway	443898-1	FDOT Programmed Project
45	6-2, 1-5	Lower Sugarloaf Key	Bridge Replacements at Long Key Channel Bridge(900094)	In FDOT 5-year Work Program	Bridge	448206-1	FDOT Programmed Project - Letting 2/2028; Contact PM to confirm if pedestrian/bike accommodations are being included
46	6-2	Lower Sugarloaf Key	Bridge Repair/Rehab at Long Key Bridge (900094)	In FDOT 5-year Work Program	Bridge	441964-1	FDOT Programmed Project
47	6-2	Lower Sugarloaf Key	Bridge Repair/Rehab at the North Harris Channel Bridge (900109)	In FDOT 5-year Work Program	Bridge	446178-1	FDOT Programmed Project
49	1-1, 1-2	Lower Sugarloaf Key	Feasibility study for pedestrian features at the Sugarloaf Historic Bridge (MM 15.5)	In FDOT 5-year Work Program	Bridge	250572-3	FDOT Programmed Project; Cross Reference with the FKOP Project List
50	2-2	Upper Sugarloaf key	FDOT Traffic Operations Office is evaluating a request to modify the flashing signal operation at the US 1 and Crane Boulevard intersection	FDOT is Currently Evaluating	Operations		
51	1-1	Cudjoe Key	Conduct a study to determine appropriate signs and locations along the bike lanes near MM 22	Short-term	Signing/Marking		
52	1-1, 1-2	Cudjoe Key	FDOT is evaluating a request for a new crosswalk at the intersection of US-1 and Spanish Main Drive	FDOT is Currently Evaluating	Safety		
53	6-2	Cudjoe Key	Bridge Repair/Rehab Project at Kemp Channel Bridge (900116)	In FDOT 5-year Work Program	Bridge	447756-1	FDOT Programmed Project
54	1-2	Cudjoe Key	Replace detectable warning pads on the crosswalks along US 1 from Drost Drive to Spanish Main Drive Crossing (MM 20.8 - 23.1)	In FDOT 5-year Work Program	Safety	443898-1	Recommendation from FDOT Safety Study to be implemented through FDOT Project
55	1-2	Cudjoe Key	Inspect and replace detectable warning pads on the crosswalks along US 1 from Drost Drive to Spanish Main Drive Crossing (MM 20.8 - 23.1)	In FDOT 5-year Work Program	Safety	443898-1	Recommendation from FDOT Safety Study to be implemented through FDOT Project
56	1-1	Cudjoe Key	Relocate the beginning of the northbound merge lane servicing right-turning traffic from Spanish Main Drive Crossing.	In FDOT 5-year Work Program	Safety	443898-1	This should help to reduce the potential for conflicts between right-turn traffic and bicycles; Recommendation from FDOT Safety Study to be implemented through FDOT Project
57	1-2	Summerland Key	Conduct a feasibility study to install the missing sidewalk between the Boy Scout Camp at Kemp Bridge and Caribbean Drive (on the south side of US 1).	Mid-term	Roadway		Potential R/W and environmental impacts

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
58	2-3	Ramrod Key	FDOT Traffic Operations Office is evaluating a request for an eastbound left-turn lane at US-1 and Coral Avenue	FDOT is Currently Evaluating	Operations		
59	6-1	Ramrod Key	Resurfacing US-1 from MM 26.2 to MM 27.4	In FDOT 5-year Work Program	Roadway	443920-1	FDOT Programmed Project
60	6-2	Little Torch Key	Bridge Repair/Rehab Projects Torch Key channel Bridge (900113)	In FDOT 5-year Work Program	Bridge	446184-1	FDOT Programmed Project
61	1-1	Big Pine Key	Review and identify potential pedestrian and bicycle signing/pavement marking improvements along US 1 in the vicinity of Key Deer Boulevard.	Short-term	Safety		
62	2-3	Big Pine Key	Conduct a feasibility study for an acceleration lane in the southbound direction on US 1 at Ships Way	Mid-term	Roadway		Potential environmental impacts
63	2-2, 2-3	Big Pine Key	Conduct a feasibility study for roadway widening to 4 lanes along US 1 from North Pine Channel Bridge to 1st Street	Long-term	Roadway		Requires modifications to the Monroe County Comp Plan Policies
64	2-3	Big Pine Key	Conduct a feasibility study to extend Frontage Road (Avenue A) from Ships Way to Cunningham Lane	Long-term	Roadway		May require modifications to the Monroe County Comp Plan Policies. The extension of this frontage road could serve adjacent properties and remove traffic from US 1
65	1-3, 1-6, 5-2	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	Long-term	Transit		Requires coordination with stakeholders, municipalities, transit agencies. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final Mile Grant
66	2-2	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	Long-term	Bridge		Environmental, right-of-way, and community impacts will require extensive research and/or coordination
74	2-2	Big Pine Key	FDOT Traffic Operations Office is evaluating a request for signal timing enhancements and vehicle detection at US-1 and Chapman Street	FDOT is Currently Evaluating	Operations		
67	6-1	Big Pine Key	Resurface US-1 from MM 32.98 to MM 36.57	In FDOT 5-year Work Program	Roadway	443895-1	FDOT Programmed Project
68	6-1	Big Pine Key	Resurface US-1 from MM 31.4 to MM 32.5	In FDOT 5-year Work Program	Roadway	443897-1	FDOT Programmed Project
69	6-2	Big Pine Key	Bridge Repair/Rehab Project at Spanish Harbor Channel Bridge (900106)	In FDOT 5-year Work Program	Bridge	446186-1	FDOT Programmed Project
70	6-2	Big Pine Key	Bridge Repair/Rehab Project at Bahia Honda Channel Bridge (900016 and 900045)	In FDOT 5-year Work Program	Bridge	446192-1	FDOT Programmed Project
71	6-2	Big Pine Key	Bridge Repair/Rehab Project at Ohio Bahia Honda Channel Bridge (900105)	In FDOT 5-year Work Program	Bridge	447753-1	FDOT Programmed Project
72	6-2	Big Pine Key	Bridge Repair/Rehab Project at North Pine Channel Bridge (900110)	In FDOT 5-year Work Program	Bridge	447754-1	FDOT Programmed Project

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73	1-1, 1-2	Big Pine Key	Bike Path/ Trail Project at Spanish Harbor Historic Bridge (MM 33)	In FDOT 5-year Work Program	Safety	422628-1	FDOT Programmed Project; Cross Reference with the FKOF Project List
75	6-2	Bahia Honda Key	Bridge Repair/Rehab Project at Ohio-Missouri Channel (900104)	In FDOT 5-year Work Program	Bridge	446187-1	FDOT Programmed Project
76	5-2	Bahia Honda Key	Scenic Viewing Area at Wayside Park	In FDOT 5-year Work Program	Other	436675-1	FDOT Programmed Project; Contact PM (Xiomara Nunez) to see if other items can be included
77	1-1	Marathon	Review and identify potential pedestrian/bicycle signing and pavement marking improvements along US 1 in the vicinity of the signalized intersections in Marathon.	Short-term	Safety		
78	2-2, 2-3	Marathon	Conduct a turn lane warrant study at the intersection of US-1 and 33rd Street	Short-term	Operations		Potential R/W and access impacts
79	3-1, 3-3	Marathon	Conduct a feasibility study to add a "NO U-TURN" sign for SB left-turn traffic to reduce conflicts with westbound right-turn traffic at the intersection of US-1 and Sombrero Beach Road	Short-term	Safety		Potential access impacts; may require public involvement
80	3-1, 3-3	Marathon	Conduct a feasibility study to restrict traffic to a "RIGHT TURN ONLY" at the intersection of US-1 and Aviation Boulevard/72nd Street	Short-term	Safety		Potential access impacts; requires public involvement
81	3-4	Marathon	Assess the existing street lighting in Marathon and implement repairs as necessary	Short-term	Lighting		
82	1-1	Marathon	Conduct a study to determine the feasibility of widening bike lanes in Marathon	Mid-term	Roadway		Potential R/W and access management impacts; requires public involvement
83	2-3	Marathon	Conduct an Access Management study along US 1 from 15th Street S. to Aviation Boulevard	Mid-term	Operations		Potential access impacts; requires public involvement
84	1-2, 2-2	Marathon	Conduct a study to determine the location and need for a traffic signal or pedestrian crossing on the south end of Marathon	Mid-term	Operations		
85	1-3	Marathon	Coordinate with Miami-Dade Transit requesting a possible extension of MDT Route 301 to the south end of Marathon.	Mid-term	Transit		Monroe County has started discussions with MDT regarding this
86	1-2	Marathon	FDOT is currently conducting a PD&E study for replacement of the Seven Mile Bridge. Coordinate with FDOT to request that pedestrian/bicycle features be added on the new bridge	Long-term	Bridge		
87	2-3	Marathon	Conduct a feasibility study to widen US 1 from 11th Street Ocean to 15th Street	Long-term	Roadway		Requires modifications to Monroe County Comp Policies; potential access impacts; requires public involvement

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88	1-3, 1-6, 5-1	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	Long-term	Transit		Requires coordination with the stakeholders. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final Mile Grant
95	2-3	Marathon	FDOT Traffic Operations Office is evaluating a request to change the northbound left-turn lane to a two-way left-turn lane at US-1 and Guava Avenue	FDOT is Currently Evaluating	Operations		
96	3-3	Marathon	FDOT Traffic Operations Office is evaluating a request for additional speed limit signs along the Seven Mile Bridge	FDOT is Currently Evaluating	Signing/Marking		
97	3-3	Marathon	FDOT Traffic Operations Office is evaluating a request for maximum weight signs at the bridge near US 1 and Coco Plum Drive	FDOT is Currently Evaluating	Signing/Marking		
98	3-1	Marathon	FDOT Traffic Operations Office is conducting a safety study at the intersection of US-1 and Coral Lane	FDOT is Currently Evaluating	Safety		
99	1-1	Marathon	FDOT Traffic Operations Office is evaluating a request for restriping and fixing the damaged pavement at the US 1 and Coco Plum Drive intersection. The request stated that bicyclist have a hard time making a left at Coco Plum Drive	FDOT is Currently Evaluating	Maintenance		
100	3-3	Marathon	FDOT Traffic Operations Office is evaluating a request for additional speed limit signs near Plaza Entrance/Key Marathon	FDOT is Currently Evaluating	Signing/Marking		
89	6-2, 1-5	Marathon	Seven Mile Bridge Replacement over Moser Channel (900101)	In FDOT 5-year Work Program	Bridge	448207-1	FDOT Programmed Project - Letting 2/2029; Contact PM to confirm if pedestrian/bike accommodations are being included
90	6-2	Marathon	Old Seven Mile Bridge Repair/Rehab Projects along US-1 from Knights Key to Pigeon Key	In FDOT 5-year Work Program	Bridge	413721-2	FDOT Programmed Project
91	6-2	Marathon	Seven Mile Bridge Repair/Rehab Projects at Moser channel Bridge (900101)	In FDOT 5-year Work Program	Bridge	446231-1	FDOT Programmed Project
92	6-2	Marathon	Bridge Repair/Rehab Projects at Vaca Cut Bridge (900126)	In FDOT 5-year Work Program	Bridge	447757-1	FDOT Programmed Project
93	1-1, 1-2	Marathon	Feasibility study for pedestrian features along US-1 from MM 58.2 to MM 59.9	In FDOT 5-year Work Program	Safety	428063-1	FDOT Programmed Project; Cross Reference with the FKOHT Project List
94	1-1, 1-2	Marathon	Rebuild the bike path along Aviation Boulevard to a 6-8ft wide and extend to US 1	In FDOT 5-year Work Program	Safety	436623-1	FDOT Programmed Project; LAP Project with City of Marathon; Cross Reference with the FKOHT Project List
101	6-2	Layton	Bridge Repair/Rehab Projects at Channel 5 Bridge (900098)	In FDOT 5-year Work Program	Bridge	436523-1	FDOT Programmed Project
102	1-2	Islamorada	FDOT is evaluating a request for an at-grade pedestrian crosswalk at Founders Park	Short-term	Safety		

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
103	1-2	Islamorada	Conduct a lighting study along US 1 in the vicinity of Founders Park	Mid-term	Lighting		Requires coordination with stakeholders as well as FPL and Florida Fish and Wildlife Conservation Commission
104	2-3	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	Mid-term	Operations		Requires coordination with stakeholders and public acceptance
105	3-4	Islamorada	Conduct a lighting justification study in Upper and Lower Matecumbe	Mid-term	Lighting		Requires coordination with stakeholders as well as FPL and Florida Fish and Wildlife Conservation Commission
106	3-1	Islamorada	Conduct a study to determine methods to reduce speeding and related crashes South of Robbie's Marina (MM 72-MM 73)	Mid-term	Operations		
107	2-2, 2-3, 2-4	Islamorada	Conduct a feasibility study to identify potential improvements for SR 4A in Plantation Key, so it can be used as an alternate route during peak hours, incidents, or during lane closures. Also, identify improvements at critical intersections to provide access to/from US 1	Long-term	Roadway		Potential right-of-way impacts. Requires coordination with stakeholders and public acceptance
108	1-3, 1-6, 5-1	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	Long-term	Transit		Requires coordination with the stakeholders. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final Mile Grant
109	6-2	Islamorada	Bridge Repair/Rehab Project at Lignumvitae Channel (900096)	In FDOT 5-year Work Program	Bridge	441968-1	FDOT Programmed Project
110	6-2	Islamorada	Bridge Repair/Rehab Project at Tea Table Relief Bridge (900088)	In FDOT 5-year Work Program	Bridge	446191-1	FDOT Programmed Project
111	4-3	Islamorada	Landscaping along US-1 from MM 90.8 (Tavernier Creek Bridge) to 97.0 (Poisonwood Road)	In FDOT 5-year Work Program	Landscaping	419848-2	FDOT Programmed Project
112	4-3	Islamorada	Landscaping from MM 77.47 to MM 81.44	In FDOT 5-year Work Program	Landscaping	436430-1	FDOT Programmed Project
113	1-5, 2-2	Islamorada	Convert Snake Creek Bridge to a high-level fixed bridge	In FDOT 5-year Work Program	Bridge	442670-1	FDOT conducting a PD&E Study
114	6-1	Lower Matecumbe	Flexible Pavement Reconstruction from MM 74.489 to 74.571	In FDOT 5-year Work Program	Roadway	443182-2	FDOT Programmed Project
115	6-1	Lower Matecumbe	Resurfacing along US-1 from MM 73.75 to MM 77.5	In FDOT 5-year Work Program	Roadway	443893-1	FDOT Programmed Project
116	2-2	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	Mid-term	Operations/Safety		May require modifications to the Monroe County Comp Pl Policies

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
117	1-1	Plantation Key	Conduct a study to determine the feasibility for installing bike lanes along the Old Highway in Islamorada	Mid-term	Safety		Requires coordination with stakeholders and public acceptance. Potential right-of-way impacts
118	2-3	Plantation Key	Conduct a study to determine appropriate intersection improvements at the US 1/Seminole Boulevard intersection.	Mid-term	Operations		
119	6-1	Plantation Key	Resurfacing US-1 from MM 87.16 to MM 90.02	In FDOT 5-year Work Program	Roadway	447810-1	FDOT Programmed Project
182	2-2	Upper Matecumbe	Conduct a planning study to determine the need for and feasibility of a bypass bridge between the Snake Creek Bridge and Tea Table.	Long-term	Bridge		Environmental, right-of-way, and community impacts will require extensive research and/or coordination
120	2-3	Tavernier	Conduct a study to determine appropriate intersection improvements at the US 1/Sunshine Boulevard intersection.	Mid-term	Operations		
121	1-2, 3-1	Key Largo	Evaluate the need for pedestrian signage at the US-1 and Ocean Bay Drive intersection	Short-term	Signing/Marking		
122	3-1	Key Largo	Trim trees to improve sight distance for vehicles on Samson Road	Short-term	Maintenance		
123	3-3	Key Largo	Evaluate the need for appropriate signage to alert drivers of the southbound lane drop along US-1 from Sunset Blvd to Buttonwood Drive	Short-term	Signing/Marking		
124	2-1	Key Largo	Conduct a study to determine methods to reduce speeding and related crashes between MM 99 and MM 106	Short-term	Safety		
125	1-1	Key Largo	Review and identify potential pedestrian/bicycle signing and pavement marking improvements along US 1 in the vicinity of the Ocean Bay Drive/Atlantic Avenue, Laguna Avenue, Holiday Boulevard and Magnolia Street intersections in Key Largo.	Short-term	Safety		
126	2-2, 3-1	Key Largo	Conduct a feasibility study to reconfigure the intersection of US-1 at Ocean Bay Drive/Atlantic Avenue	Mid-term	Operations/Safety		Potential right-of-way impacts; requires coordination with stakeholders and public acceptance
127	1-2, 3-1	Key Largo	Conduct a safety study for intersection improvements at US-1 and Laguna Ave (Potentially relocate adjacent midblock crosswalk to Laguna Avenue)	Mid-term	Safety		Review potential relocation of HAWK north of Laguna Avenue
128	3-1	Key Largo	Conduct a study for intersection improvements at US-1 and Tarpon Basin Drive	Mid-term	Safety		
129	2-3	Key Largo	Conduct an access management study along US-1 from Andros Road to Summerland Road	Mid-term	Operations		Potential access management impacts; requires public acceptance
130	1-1, 2-2	Key Largo	Conduct a study to determine potential intersection improvements at US-1 and CR 905, including bike lane continuity through the intersection	Mid-term	Operations/Safety		Requires coordination with stakeholders and public involvement. Potential right-of-way impacts

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131	1-3, 1-6, 5-1	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	Mid-term	Transit		Requires coordination with the municipalities. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final Mile Grant
132	2-2	Key Largo	Conduct a feasibility study for signal modifications at the intersection of US-1 and Woods Avenue	Mid-term	Operations		Coordinate with FDOT regarding previous studies/findings this location
133	1-2, 2-3	Key Largo	Conduct a corridor study to determine the need for a traffic signal along US 1 between Avenue B and Avenue A	Mid-term	Operations		
134	2-2	Key Largo	Conduct a feasibility study for signal modifications at the pedestrian signal south of the Key Largo Elementary School	Mid-term	Operations		
135	3-4	Key Largo	Conduct a lighting justification study on US 1 from MM 103 to MM 106	Mid-term	Lighting		Requires coordination with stakeholders as well as FPL and Florida Fish and Wildlife Conservation Commission
136	1-2	Key Largo	Conduct a Sidewalk Feasibility Study along Atlantic Avenue from US-1 to Key Largo Community Park	Mid-term	Roadway		Requires coordination with local government agencies
141	3-1	Key Largo	FDOT Traffic Operations Office is conducting a safety study (to reduce conflicts between side street traffic and southbound right-turn traffic) at US-1 and Atlantic Boulevard	FDOT is Currently Evaluating	Safety		
142	3-1	Key Largo	FDOT Traffic Operations Office is conducting a safety study at US-1 and Snapper Avenue	FDOT is Currently Evaluating	Safety		
143	2-3	Key Largo	FDOT Traffic Operations Office is conducting a study to evaluate the need for a deceleration lane at Leg 001 in Key Largo	FDOT is Currently Evaluating	Operations		
144	3-3	Key Largo	FDOT Traffic Operations Office is evaluating a request for a one-way sign at Harbor Drive	FDOT is Currently Evaluating	Signing/Marking		
137	2-2	Key Largo	Install a new traffic signal at the intersection of US-1 at Burton Drive	In FDOT 5-year Work Program	Operations	441974-1	FDOT Programmed Project
138	6-1	Key Largo	Resurfacing along US-1 northbound from MM 99.6 to MM 100.0	In FDOT 5-year Work Program	Roadway	443921-1	FDOT Programmed Project
139	6-1	Key Largo	Resurfacing along US-1 from MM 99.6 to MM 100	In FDOT 5-year Work Program	Roadway	445994-1	FDOT Programmed Project
140	6-1	Key Largo	Resurfacing along US-1n from MM 108.4 to MM 112.8	In FDOT 5-year Work Program	Roadway	446005-1	FDOT Programmed Project
145	4-3	Key Largo	Add dense landscaping in the median to reduce midblock pedestrian crossing from Ocean Bay Rd/Atlantic Avenue to Poinciana Drive (MM 99.6 to MM 100)	In FDOT 5-year Work Program	Safety		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
146	1-1	Key Largo	Improve Signage and install green colored pavement markings along the shared use paths where they intersect with side streets and driveways from MM 99.6 to MM 100	In FDOT 5-year Work Program	Safety		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
147	1-1, 1-2	Key Largo	Landscaping modification to improve pedestrian/bike visibility at Laguna Avenue from MM 99.6 to MM 100	In FDOT 5-year Work Program	Safety		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
148	2-3	Key Largo	Narrow driveways to meet current FDOT Standards from MM 99.6 to MM 100	In FDOT 5-year Work Program	Operations		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
149	3-1	North Key Largo	Conduct an intersection study at CR 905A and CR 905 to determine appropriate signing and marking improvements to enhance visibility	Mid-term	Safety		
152	3-1	Multiple	Conduct a lighting study on Bay Point and Big Coppitt Key near bus stops	Mid-term	Lighting		Requires coordination with stakeholders as well as Florida Fish and Wildlife Conservation Commission
153	2-2, 3-1	Multiple	Conduct a study to assess the future needs of connected vehicle systems in Monroe County	Mid-term	Technology		Coordinate with FDOT D6 on the upcoming deployment of the Keys COAST project to review the infrastructure being installed through this project and consider this information to develop future needs
154	1-4	Multiple	Conduct a detailed study to evaluate the feasibility of a water taxi between Stock Island and Key West	Mid-term	Water Based Transportation		Requires coordination with FDOT and Federal Transit Administration as well as potential private partnerships with local marinas and/or water taxi operators
155	1-4	Multiple	Conduct a detailed study to evaluate the feasibility of Water Ferry Service from Miami to Key West	Mid-term	Water Based Transportation		Requires coordination with FDOT and Federal Transit Administration as well as potential private partnerships (i.e. with water ferry operators)
156	2-4	Multiple	Conduct a study to identify gaps in ITS coverage (cameras and DMS) for incident management purposes	Mid-term	Technology		Coordinate with FDOT; potential R/W impacts
157	1-3	Multiple	Conduct a feasibility study to determine locations for Transit Signal Priority. These improvements will help reduce delay to transit vehicles	Mid-term	Transit		Requires coordination with FDOT, Miami-Dade Transit, and City of Key West
158	2-4, 2-5	Multiple	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	Mid-term	Incident Management		Requires coordination with Monroe County Sheriffs, Emergency operations office, and FDOT
160	2-4, 3-1	Multiple	Coordinate with the Monroe County Sherriff's Department to recruit Certified Traffic Homicide Investigators (THI) in Monroe County	Mid-term	Incident Management		
161	1-3	Multiple	Conduct a study to evaluate the feasibility of implementing Aerial Taxis/Vertiports/eVOTL within Monroe County	Mid-term	Other		Coordination with FDOT, Naval Base, Key West Airport, Marathon Airport, FAA and private air taxi operators; requires public involvement

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162	1-3	Multiple	Conduct a study to determine the feasibility of improving bus stop amenities such as shelters, Wi-Fi, bike racks, seating, lighting, driver notification push buttons, etc. along US 1	Mid-term	Transit		Requires coordination with FDOT, Key West Transit, and Miami-Dade Transit; potential R/W impacts
163	1-3	Multiple	Conduct an evaluation study to prioritize locations that need bus bays. Bus bays for 15 locations are already funded through FDOT	Mid-term	Roadway/Transit		Requires coordination with FDOT, Key West Transit, and Miami-Dade Transit; potential right-of-way impacts
164	1-3	Multiple	Key West Transit is exploring options for the installation of an Automated Vehicle Location (AVL) system for buses	Key West Transit is Evaluating	Transit		
165	1-3	Multiple	Key West Transit is developing an enhanced transit app that will provide additional payment options	Key West Transit is Evaluating	Transit		
172	1-3	Multiple	Conduct a feasibility review to add additional bus stops in Long Key and near Angler's Park in Key Largo.	Mid-term	Transit		Requires coordination with Miami-Dade Transit
166	1-3, 1-6, 5-1, 5-3	Multiple	Develop a Mobility On-Demand Application to assist users with trip planning and mobility options along US 1	Long-term	Technology		Consider the Key West Transit application and AVL system part of this study
167	1-3	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	Long-term	Technology		Requires coordination with transit agencies and public acceptance
168		Multiple	Coordinate with FDOT for the implementation of Electric Vehicle Infrastructure (Charging stations, Smart Power Lane) along US 1	Long-term	Technology		
169	1-3	Multiple	Conduct a study to evaluate the feasibility of providing aerial gondolas at locations with high percentages of short trips (less than 3 miles). Potential locations could include Islamorada, Stock Island, and Key West	Long-term	Other		Requires coordination with stakeholders and public involvement. Land acquisition may be needed for transfer stations and support structures
170	1-3	Multiple	Conduct a study to determine the locations for and feasibility of implementing Queue Jumpers at signalized intersection along US 1. These improvements will help reduce delay to transit vehicles	Long-term	Transit		Requires coordination with FDOT, Miami-Dade Transit, and City of Key West
171	2-2	Multiple	Conduct a feasibility study to provide a new bridge between Stock Island and Key West (two potential options: 5th Avenue to Douglas Circle or Projected 13th Avenue to Thompson Island)	Long-term	Bridge		Right-of-way, Environmental and Community Impacts will require extensive research and/or coordination
173	1-3	Multiple	The City of Key West proposed a modified Lower Keys Shuttle to end at the new Key West Intermodal Center	Long-term	Transit		This is one of the proposed improvements in the Key West Transit Development Plan (2019)
174	1-3, 5-1	Multiple	The City of Key West proposed a new Key West Intermodal Center Transit Connector that will provide service from the Intermodal Center to downtown Key West	Long-term	Transit		This is one of the proposed improvements in the Key West Transit Development Plan (2019)

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175	1-3, 2-2, 3-1	Multiple	Conduct a feasibility study to determine locations for Part-Time Shoulder Use by buses along US 1	Long-term	Roadway/Transit		Requires coordination with FDOT, Miami-Dade Transit, and Key West Transit
176	1-3	Multiple	Evaluate the feasibility of unifying multi-agency transit system (KWT & MDT) with a service operated by a single provider	Long-term	Transit		Will require extensive coordination and interagency agreements
177	5-1, 5-3	Multiple	Evaluate parking facilities and determine possibilities to provide additional public parking. Consider a Parking Management System to manage parking and provide real-time information to users regarding parking availability	Long-term	Other		Requires coordination with the City of Key West; potential R/W impacts
178	2-2	Multiple	Conduct a study to evaluate the feasibility of extending the current Microwave Backbone into Key West. Currently the traffic signals in Key West are connected via cellular and the Microwave back bone ends on Stock Island	Long-term	Operations		Requires coordination with FDOT and City of Key West
179	1-2	Multiple	Conduct a warrant study for pedestrian bridges over US-1 at school crossings (Coral Shores Hight School was specifically mentioned)	Long-term	Bridge		Requires coordination with FDOT and Monroe County Schc Board; requires public involvement
150	2-2, 3-1	Multiple	FDOT is upgrading the traffic signal communication infrastructure from cell phone to the Microwave backbone	In FDOT 5-year Work Program	Technology		
151	2-2	Multiple	FDOT is upgrading traffic signal infrastructure (Controllers, Cabinets, UPS, ATMS Central Software) at HAWK signals and emergency signals along US 1	In FDOT 5-year Work Program	Operations		
159		Multiple	FDOT is conducting a Freight Improvement Study along US 1	In FDOT 5-year Work Program	Freight		
180	6-1	Multiple	Resurfacing on US-1 from MM 36.6 to MM 38.4	In FDOT 5-year Work Program	Roadway	447806-1	FDOT Programmed Project
181	2-2, 3-1	Multiple	FDOT Traffic Operations Office is installing ITS Infrastructure improvements to support Signal Operations, Emergency Vehicles/Fire, Drawbridge, weigh station, Emergency Signals along US 1	In FDOT 5-year Work Program	Technology	444920-2	FDOT is in the process of installing devices to support Intelligent Transportation System (ITS). This project is referred as Key COAST Project, NTP Expected in July 2021
183	1-1, 1-2, 4-1	Multiple	Enhance and maintain the Florida Keys Overseas Heritage Trail (FKOHT) to provide a continuous trail throughout the Florida Keys.	FDEP	Other		FDEP has developed a plan (Dated August 2018) to comple and improve amenities along the FKOHT while preserving and protecting the natural resources along the trail. This pl states a ten-year management plan.

Attachment: Appendix G_Potential Solution List_US-1 Transportation MasterPlan (County recommended



**MONROE COUNTY, FLORIDA
BOARD OF COUNTY COMMISSIONERS
RESOLUTION NO. 292 - 2021**

A RESOLUTION BY THE MONROE COUNTY BOARD OF COUNTY COMMISSIONERS IN SUPPORT OF TRAFFIC FLOW IMPROVEMENT PROJECTS THAT WOULD ALLEVIATE CONGESTION ON U.S. 1. AND ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1.; REQUESTING THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) SUPPORT U.S. 1. IMPROVEMENT PROJECTS THAT ACCOMPLISH THESE GOALS AND ALLOCATE FUNDING WITHIN THE FIVE-YEAR WORK PROGRAM; AND DIRECTING STAFF TO COORDINATE WITH FDOT AND THE LOCAL JURISDICTIONS TO IDENTIFY THE PROJECTS THAT CAN BE FUNDED WITHIN THE NEXT FIVE-YEAR WORK PROGRAM.

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 characteristics in the Florida Keys are unique and traffic volumes vary significantly during different seasons; 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, 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 October 21, 2020, the Monroe County Board of County Commissioners adopted Resolution 355-2020, reconvening the US 1 LOS Task Force and tasking the U.S. 1 LOS Task Force with evaluating the LOS Methodology and potential updates; 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; and

WHEREAS, on July 17, 2019, the Monroe County Board of County Commissioners adopted Resolution 201-2019, establishing the Florida Keys Transportation Coordination Committee to coordinate transportation efforts between the County and its five municipalities; and

WHEREAS, the Florida Keys Transportation Coordination Committee is charged with developing recommendations for potential solutions to the traffic issues that exist throughout the Florida Keys; and

WHEREAS, the Florida Keys Transportation Coordination Committee supports FDOT projects that improve traffic flow in congested areas and supports FDOT's focus on merge and deceleration lanes, left turn lanes, and right turn only lane projects at certain locations where these can be of most use; 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; meet 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 is anticipated to be completed and presented to the Monroe County Board of County Commissioners and the public in October 2021 to review the findings of the study and recommended potential project list; and

WHEREAS, it is anticipated the U.S. 1 Transportation Master Plan recommended potential project list will be further presented and reviewed by the Monroe County Board of County Commissioners to evaluate the opportunities, constraints and to prioritize the projects into timeframes of near-term (2021-2025), mid-term (2026-2030), long-term (2031-2040), and visionary (2041 and beyond); 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, Monroe County requests FDOT’s partnership 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. The Florida Department of Transportation is respectfully requested to support traffic flow improvement projects that would alleviate congestion on U.S. 1. and assist in improving the level of service on U.S. 1. and to allocate funding within the five-year work program to implement these projects.

Section 2. The Board of County Commissioners does hereby support and requests the Florida Department of Transportation replace mile marker signs along U.S. 1 and install half mile marker signs (for example MM 88.5) to facilitate traffic flow by residents and visitors.

Section 3. The Board of County Commissioners does hereby support further reviewing the recommended potential project list from the U.S. 1 Transportation Master Plan, as well as recommendations from the Florida Keys Transportation Coordination Committee to improve traffic flow improvement projects in areas of marginally adequate or operating below the adopted LOS standard of “C” as identified in the most recent U.S. 1 Arterial Travel Time and Delay Study, for potential submission to the Florida Department of Transportation.

Section 4. The Board of County Commissioners respectfully requests that the Florida Department of Transportation dedicate staff to coordinate with the County and its five municipalities to review recommended projects with the local jurisdiction support and assist in evaluating project opportunities and constraints, and recommending prioritization of projects, implementation steps and timelines (such as planning, feasibility and warrant studies) and breakdown of costs.

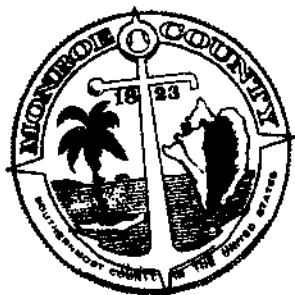
Section 5. The Board of County Commissioners authorizes staff to work with the municipalities and the Florida Department of Transportation to support this endeavor, particularly in identifying projects that can be funded and implemented within the next Five-Year Work Program.

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Attachment: BOCC Resolution 292-2021 supporting traffic flow improvement projects (County recommended projects from transportation

PASSED AND ADOPTED by the Board of County Commissioners of Monroe County, Florida, at a regular meeting held on the 15th day of September.

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 District V...	<u>Vacant</u>



(SEAL)

BOARD OF COUNTY COMMISSIONERS OF MONROE COUNTY, FLORIDA

BY Michelle Coldiron
MAYOR MICHELLE COLDIRON

ATTEST: KEVIN MADOK, CLERK

Sally M. Adams
AS DEPUTY CLERK

Approved for form and legal sufficiency:

Robert B. Shillinger

Monroe County Attorney

Digitally signed by Robert B. Shillinger
DN: cn=Robert B. Shillinger, o=Monroe County BOCC,
ou=Monroe County Attorney, email=shillinger-
bob@monroecounty-fl.gov, c=US
Date: 2021.08.31 13:00:03 -0400'

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2021 SEP 22 AM 11:10
CLERK OF COURTS
MONROE COUNTY, FL

Attachment: BOCC Resolution 292-2021 supporting traffic flow improvement projects (County recommended projects from transportation

RESOLUTION NO. 01 - 2021

A RESOLUTION BY THE FLORIDA KEYS TRANSPORTATION COORDINATION COMMITTEE PROVIDING RECOMMENDATIONS TO THE MONROE COUNTY BOARD OF COUNTY COMMISSIONERS ON TRAFFIC FLOW IMPROVEMENT PROJECTS THAT COULD ALLEVIATE CONGESTION ON U.S. 1. AND ASSIST IN IMPROVING THE LEVEL OF SERVICE ON U.S. 1, WITH RECOMMENDATIONS PROVIDED TO ASSIST THE COUNTY IN IDENTIFYING PROJECTS TO EVALUATE AND FORWARD TO THE FLORIDA DEPARTMENT OF TRANSPORTATION.

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 characteristics in the Florida Keys are unique and traffic volumes vary significantly during different seasons; 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 July 17, 2019, the Monroe County Board of County Commissioners adopted Resolution 201-2019, establishing the Florida Keys Transportation Coordination Committee to coordinate transportation efforts between the County and its five municipalities; and

WHEREAS, the Florida Keys Transportation Coordination Committee (FKTCC) is charged with developing recommendations for potential solutions to the traffic issues that exist throughout the Florida Keys; and

WHEREAS, pursuant to Resolution 201-2019, the mission and purpose of the FKTCC is to develop and promote a system of public transportation in various modes to support the needs of the residents throughout the County in a coordinated and comprehensive manner; and

WHEREAS, the Florida Keys Transportation Coordination Committee supports FDOT projects that improve traffic flow in congested areas and supports FDOT's focus on merge and deceleration lanes, left turn lanes, and right turn only lane projects at certain locations where these can be of most use; 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, Monroe County's 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 MONROE COUNTY FLORIDA KEYS TRANSPORTATION COORDINATION COMMITTEE:

Section 1. Pursuant to the mission and purpose, as stated in Resolution 201-2019, the FKTCC has evaluated options on traffic flow improvement projects that would alleviate congestion on U.S. 1.

Section 2. The FKTCC recommendations are being provided to assist the County in identifying transportation projects to evaluate and forward to the Florida Department of Transportation.

Section 3. The FKTCC provides recommendations to the Monroe County Board of County Commissioners on potential solutions for traffic issues, 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. 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 15th Street to 11th 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 2nd 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.

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PASSED AND ADOPTED by the Florida Keys Transportation Coordination Committee of Monroe County, Florida, at a special meeting held on the 24th day of September, 2021.

Chair David Rice, Monroe County	YES
Vice Chair Kimmeron Lisle, Key Colony Beach	YES
Mary Lou Hoover, Key West	YES
Dan Zieg, Marathon	YES
Bruce Halle, Layton	YES
Pete Bacheler, Islamorada	YES

FLORIDA KEYS TRANSPORTATION
COORDINATING COMMITTEE

BY  _____
CHAIR DAVID RICE

Attachment: FKTCC Reso 01-2021_13 recommendations_color coded with TMP potential solution list (County recommended projects from

APPENDIX G – Potential Solution List

Attachment: FKTCC Reso 01-2021_13 recommendations_color coded with TMP potential solution list (County recommended projects from

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
1	1-1	Key West	Review and identify potential pedestrian and bicycle signing and marking improvements (including additional crosswalks) along S. Roosevelt Boulevard from Flagler Avenue to US 1.	Short-term	Safety		
2	1-2	Key West	Conduct a corridor study to evaluate the need for pedestrian signing enhancements, including additional midblock crosswalks along N. Roosevelt Boulevard from Jose Marti Drive to US 1	Mid-term	Safety		
3	2-2	Key West	Conduct a signal retiming study to optimize signal timing in Key West	Mid-term	Operations		
5	1-2	Key West	Conduct a lighting evaluation study at crosswalks along South Roosevelt Boulevard	Mid-term	Lighting		Requires coordination with stakeholders as well as Florida Fish and Wildlife Conservation Commission.
6	1-1	Key West	Conduct a review to improve pedestrian and bicycle features at the US1/Roosevelt Boulevard intersection	Mid-term	Safety		
7	1-2	Key West	Conduct a feasibility study to widen sidewalks on the southside of North Roosevelt Blvd	Mid-term	Safety		Potential access management impacts; requires public acceptance
8	2-2	Key West	Feasibility study to reconfigure the intersection of US-1 and Roosevelt Boulevard	Mid-term	Operations/Safety		Potential right-of-way impacts. Requires coordination with stakeholders and public acceptance
15	1-2	Key West	FDOT Traffic Operations Office is evaluating a request to repair pedestrian signal heads that are not working at the intersection of US 1/Truman Avenue and White Street	FDOT is Currently Evaluating	Maintenance		
16	2-3	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	FDOT is Currently Evaluating	Operations		
17	3-3	Key West	FDOT Traffic Operations Office is evaluating a request to re-install a Stop sign and no left-turn sign at the intersection of US-1 and Aquamarine Drive	FDOT is Currently Evaluating	Maintenance		
18	2-2	Key West	FDOT Traffic Operations Office is evaluating a request for the emergency signal to be changed from solid yellow to flashing yellow at Eisenhower Drive	FDOT is Currently Evaluating	Operations		
19	2-1	Key West	FDOT Traffic Operations Office is evaluating a request for reduced speed limit (25 to 20 mph) in the vicinity of the Roosevelt Boulevard and Fleming Street intersection	FDOT is Currently Evaluating	Operations		
10	1-2	Key West	Pavement reconstruction; Add sidewalk on N. side; and 3 HAWK Pedestrian Signals along S. Roosevelt Boulevard from Bertha Street to Smathers Street	In FDOT 5-year Work Program	Safety	250548-8	FDOT Programmed Project

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
11	6-1	Key West	Flexible Pavement Reconstruction at 1st Street and Bertha Street	In FDOT 5-year Work Program	Roadway	441959-1	FDOT Programmed Project
12	6-1	Key West	Resurfacing along US-1/Whitehead Street from Fleming street to west of Truman avenue	In FDOT 5-year Work Program	Roadway	443892-1	FDOT Programmed Project
13	6-1	Key West	Resurfacing along US-1/N. Roosevelt Boulevard from Eisenhower Drive to S. Roosevelt Boulevard	In FDOT 5-year Work Program	Roadway	446011-1	FDOT Programmed Project
14	1-1, 1-2	Key West	Bike Path/ Trail in the City of Key West to Southard Street	In FDOT 5-year Work Program	Safety	435497-2	FDOT Programmed Project; Cross Reference with the FK Project List
9	2-4	Key West	Install CCTV cameras along S. Roosevelt Boulevard from La Brisa to Key West of the Sea	In FDOT 5-year Work Program	Technology	250548-9	FDOT Programmed Project
20	2-2	Stock Island	Modify signal timing (offsets) along US 1 between Roosevelt Boulevard and MacDonald Avenue to help improve traffic flow.	Short-term	Operations		Requires Coordination for FDOT Traffic Operations Office
21	1-1	Stock Island	Review and identify potential pedestrian and bicycle signing and marking improvements along US 1 from Roosevelt Boulevard to MacDonald Avenue.	Short-term	Safety		
22	1-1	Stock Island	Evaluate the need for signing, pavement marking and sight distance improvements along the bike lanes in the vicinity of the Hurricane Hole Marina (near College Road South)	Short-term	Signing/Marking		
23	2-2, 2-3	Stock Island	Conduct a corridor study to evaluate the feasibility of widening US-1 to 6 lanes and/or intersection improvements between Roosevelt Boulevard and College Road North	Long-term	Roadway		Requires modifications to the Monroe County Comp Plan Policies and widening or reconstruction of the bridge between Key West and Stock Island
24	1-3, 1-6, 5-1	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	Long-term	Transit		FDOT's Consultant is conducting a feasibility study for the Key West Intermodal Center (park-n-ride hub to accommodate buses, vehicles, scooters, bicycles, etc.) to be located on Stock Island. Monroe County can coordinate with Key West Transit and FDOT regarding this study and a Final Mile Grant.
25	2-2	Stock Island	FDOT Traffic Operations Office conducted a Signal Warrant study at the intersection of US-1 and College Road North and will be installing a traffic signal at this location.	FDOT is Currently Evaluating	Operations		
26	2-3	Rockland Key	Conduct a study to evaluate the feasibility of installing an acceleration lane in the southbound direction at the intersection of US-1 and Calle Uno	Mid-term	Operations		
27	1-5, 2-3	Rockland Key	Conduct a study to evaluate the feasibility of relocating the merge area from the current location on the curve near Rockland Drive to a straight segment of US 1.	Mid-term	Operations		Potential R/W impacts; may require modifications to the Monroe County Comp Plan Policies

Attachment: FKTCC Reso 01-2021_13 recommendations_color coded with TMP

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
28	2-3	Rockland Key	Conduct an access management study to evaluate the need for turn lanes and/or frontage road improvements along US-1 from Coppitt Road to Boca Chica Road	Mid-term	Operations		Potential access impacts; requires public involvement
29	2-2, 2-3	Rockland Key	Feasibility study to widen US-1 to 6 lanes from Saratoga Avenue to Rockland Drive	Long-term	Roadway		Requires modifications to the Monroe County Comp Pla Policies; potential R/W impacts
30	1-5, 2-2	Rockland Key	Feasibility study to widen US-1 to 4 lanes from Rockland Drive to Boca Chica Road	Long-term	Roadway		Requires modifications to the Monroe County Comp Pla Policies; potential R/W impacts and bridge widening
31	1-1,1-2	Rockland Key	Conduct a study to evaluate the feasibility of widening the sidewalk along the southside of the Boca Chica Bridge	Long-term	Bridge		Potential R/W and environmental impacts
32	6-1	Rockland Key	Resurfacing US-1 from Frontage Road to Boca Chica Key	In FDOT 5-year Work Program	Roadway	443900-1	FDOT Programmed Project
33	4-3	Rockland Key	Landscaping along US-1 from north of the Boca Chica channel to S of Rockland Channel	In FDOT 5-year Work Program	Landscaping	444351-1	FDOT Programmed Project
34	4-3	Rockland Key	Landscaping along US-1 from the north of Cow Key Bridge to South of Boca Chica channel Bridge	In FDOT 5-year Work Program	Landscaping	446901-1	FDOT Programmed Project
35	1-1	Big Coppitt Key	Review and identify potential pedestrian and bicycle signing and pavement marking improvements along US 1 from Saratoga Avenue to Boca Chica Road	Short-term	Safety		
36	2-3	Big Coppitt Key	Conduct a Signal Warrant study at the intersection of US-1 at 4th Street	Mid-term	Operations		This location is only 0.75mi from Boca Chica Road where Signal is also requested. Consider conducting, maybe do corridor study so that potential impacts of having both of these signals can be determined
37	2-3	Big Coppitt Key	Conduct a Signal Warrant study at the intersection of US-1 at Boca Chica Road	Mid-term	Operations		This location is only 0.75mi from 4th Street where a Signal also requested. Consider conducting, maybe do a corridor study so that potential impacts of having both of these signals can be determined
39	3-3	Big Coppitt Key	FDOT Traffic Operations Office is evaluating a request for a directional sign at Coppitt Road	FDOT is Currently Evaluating	Signing/Marking		
38	6-2	Big Coppitt Key	Bridge Repair/Rehab Project at Shark Channel Bridge (900081)	In FDOT 5-year Work Program	Bridge	447752-1	FDOT Programmed Project
40	1-1	Lower Sugarloaf Key	Refurbish/upgrade bicycle pavement markings and signing in the vicinity of the Harris Channel Bridge	Short-term	Safety		
41	3-4	Lower Sugarloaf Key	Conduct a lighting study at US-1 and Bay Point	Mid-term	Lighting		Requires coordination with stakeholders as well as Florida Fish and Wildlife Conservation Commission
42	1-2	Lower Sugarloaf Key	Repair the pedestrian bridge between Lower Sugar Loaf and Bay Point	Mid-term	Bridge		Requires coordination with FDOT Maintenance and Structures Offices

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
43	2-2	Lower Sugarloaf Key	Conduct a feasibility study to determine potential intersection improvements at US 1 and Sugarloaf Road	Mid-term	Operations/Safety		
44	6-1	Lower Sugarloaf Key	Resurfacing along US-1 from MM 19.4 to MM 19.8 and MM 20.6 to 23.1	In FDOT 5-year Work Program	Roadway	443898-1	FDOT Programmed Project
45	6-2, 1-5	Lower Sugarloaf Key	Bridge Replacements at Long Key Channel Bridge(900094)	In FDOT 5-year Work Program	Bridge	448206-1	FDOT Programmed Project - Letting 2/2028; Contact PV confirm if pedestrian/bike accommodations are being included
46	6-2	Lower Sugarloaf Key	Bridge Repair/Rehab at Long Key Bridge (900094)	In FDOT 5-year Work Program	Bridge	441964-1	FDOT Programmed Project
47	6-2	Lower Sugarloaf Key	Bridge Repair/Rehab at the North Harris Channel Bridge (900109)	In FDOT 5-year Work Program	Bridge	446178-1	FDOT Programmed Project
49	1-1, 1-2	Lower Sugarloaf Key	Feasibility study for pedestrian features at the Sugarloaf Historic Bridge (MM 15.5)	In FDOT 5-year Work Program	Bridge	250572-3	FDOT Programmed Project; Cross Reference with the FK Project List
50	2-2	Upper Sugarloaf key	FDOT Traffic Operations Office is evaluating a request to modify the flashing signal operation at the US 1 and Crane Boulevard intersection	FDOT is Currently Evaluating	Operations		
51	1-1	Cudjoe Key	Conduct a study to determine appropriate signs and locations along the bike lanes near MM 22	Short-term	Signing/Marking		
52	1-1, 1-2	Cudjoe Key	FDOT is evaluating a request for a new crosswalk at the intersection of US-1 and Spanish Main Drive	FDOT is Currently Evaluating	Safety		
53	6-2	Cudjoe Key	Bridge Repair/Rehab Project at Kemp Channel Bridge (900116)	In FDOT 5-year Work Program	Bridge	447756-1	FDOT Programmed Project
54	1-2	Cudjoe Key	Replace detectable warning pads on the crosswalks along US 1 from Drost Drive to Spanish Main Drive Crossing (MM 20.8 - 23.1)	In FDOT 5-year Work Program	Safety	443898-1	Recommendation from FDOT Safety Study to be implemented through FDOT Project
55	1-2	Cudjoe Key	Inspect and replace detectable warning pads on the crosswalks along US 1 from Drost Drive to Spanish Main Drive Crossing (MM 20.8 - 23.1)	In FDOT 5-year Work Program	Safety	443898-1	Recommendation from FDOT Safety Study to be implemented through FDOT Project
56	1-1	Cudjoe Key	Relocate the beginning of the northbound merge lane servicing right-turning traffic from Spanish Main Drive Crossing.	In FDOT 5-year Work Program	Safety	443898-1	This should help to reduce the potential for conflicts between right-turn traffic and bicycles; Recommendation from FDOT Safety Study to be implemented through FDOT Project
57	1-2	Summerland Key	Conduct a feasibility study to install the missing sidewalk between the Boy Scout Camp at Kemp Bridge and Caribbean Drive (on the south side of US 1).	Mid-term	Roadway		Potential R/W and environmental impacts
58	2-3	Ramrod Key	FDOT Traffic Operations Office is evaluating a request for an eastbound left-turn lane at US-1 and Coral Avenue	FDOT is Currently Evaluating	Operations		

Attachment: FKTCC Reso 01-2021_13 recommendations_color coded with TMP

Complete Potential Solutions List

Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
59	6-1	Ramrod Key	Resurfacing US-1 from MM 26.2 to MM 27.4	In FDOT 5-year Work Program	Roadway	443920-1	FDOT Programmed Project
60	6-2	Little Torch Key	Bridge Repair/Rehab Projects Torch Key channel Bridge (900113)	In FDOT 5-year Work Program	Bridge	446184-1	FDOT Programmed Project
61	1-1	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.	Short-term	Safety		
62	2-3	Big Pine Key	Conduct a feasibility study for an acceleration lane in the southbound direction on US 1 at Ships Way	Mid-term	Roadway		Potential environmental impacts
63	2-2, 2-3	Big Pine Key	Conduct a feasibility study for roadway widening to 4 lanes along US 1 from North Pine Channel Bridge to 1st Street	Long-term	Roadway		Requires modifications to the Monroe County Comp Pla Policies
64	2-3	Big Pine Key	Conduct a feasibility study to extend Frontage Road (Avenue A) from Ships Way to Cunningham Lane	Long-term	Roadway		May require modifications to the Monroe County Comp Policies. The extension of this frontage road could serve adjacent properties and remove traffic from US 1
65	1-3, 1-6, 5-2	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	Long-term	Transit		Requires coordination with stakeholders, municipalities, transit agencies. Land acquisition may be required for a and ride facility. Coordinate with Key West Transit regar the Final Mile Grant
66	2-2	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	Long-term	Bridge		Environmental, right-of-way, and community impacts w require extensive research and/or coordination
74	2-2	Big Pine Key	FDOT Traffic Operations Office is evaluating a request for signal timing enhancements and vehicle detection at US-1 and Chapman Street	FDOT is Currently Evaluating	Operations		
67	6-1	Big Pine Key	Resurface US-1 from MM 32.98 to MM 36.57	In FDOT 5-year Work Program	Roadway	443895-1	FDOT Programmed Project
68	6-1	Big Pine Key	Resurface US-1 from MM 31.4 to MM 32.5	In FDOT 5-year Work Program	Roadway	443897-1	FDOT Programmed Project
69	6-2	Big Pine Key	Bridge Repair/Rehab Project at Spanish Harbor Channel Bridge (900106)	In FDOT 5-year Work Program	Bridge	446186-1	FDOT Programmed Project
70	6-2	Big Pine Key	Bridge Repair/Rehab Project at Bahia Honda Channel Bridge (900016 and 900045)	In FDOT 5-year Work Program	Bridge	446192-1	FDOT Programmed Project
71	6-2	Big Pine Key	Bridge Repair/Rehab Project at Ohio Bahia Honda Channel Bridge (900105)	In FDOT 5-year Work Program	Bridge	447753-1	FDOT Programmed Project
72	6-2	Big Pine Key	Bridge Repair/Rehab Project at North Pine Channel Bridge (900110)	In FDOT 5-year Work Program	Bridge	447754-1	FDOT Programmed Project
73	1-1, 1-2	Big Pine Key	Bike Path/ Trail Project at Spanish Harbor Historic Bridge (MM 33)	In FDOT 5-year Work Program	Safety	422628-1	FDOT Programmed Project; Cross Reference with the FK Project List

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
75	6-2	Bahia Honda Key	Bridge Repair/Rehab Project at Ohio-Missouri Channel (900104)	In FDOT 5-year Work Program	Bridge	446187-1	FDOT Programmed Project
76	5-2	Bahia Honda Key	Scenic Viewing Area at Wayside Park	In FDOT 5-year Work Program	Other	436675-1	FDOT Programmed Project; Contact PM (Xiomara Nunez) see if other items can be included
77	1-1	Marathon	Review and identify potential pedestrian and bicycle signing and pavement marking improvements along US 1 in the vicinity of the signalized intersections in Marathon.	Short-term	Safety		
78	2-2, 2-3	Marathon	Conduct a turn lane warrant study at the intersection of US-1 and 33rd Street	Short-term	Operations		Potential R/W and access impacts
79	3-1, 3-3	Marathon	Conduct a feasibility study to add a "NO U-TURN" sign for SB left-turn traffic to reduce conflicts with westbound right-turn traffic at the intersection of US-1 and Sombrero Beach Road	Short-term	Safety		
80	3-1, 3-3	Marathon	Conduct a feasibility study to restrict traffic to a "RIGHT TURN ONLY" at the intersection of US-1 and Aviation Boulevard/72nd Street	Short-term	Safety		Potential access impacts; requires public involvement
81	3-4	Marathon	Assess the existing street lighting in Marathon and implement repairs as necessary	Short-term	Lighting		
82	1-1	Marathon	Conduct a study to determine the feasibility of widening bike lanes in Marathon	Mid-term	Roadway		Potential R/W and access management impacts; require public involvement
83	2-3	Marathon	Conduct an Access Management study along US 1 from 15th Street to Aviation Boulevard	Mid-term	Operations		Potential access impacts; requires public involvement
84	1-2, 2-2	Marathon	Conduct a study to determine the location and need for a traffic signal or pedestrian crossing on the south end of Marathon	Mid-term	Operations		
85	1-3	Marathon	Coordinate with Miami-Dade Transit requesting a possible extension of MDT Route 301 to the south end of Marathon.	Mid-term	Transit		Monroe County has started discussions with MDT regarding this
86	1-2	Marathon	FDOT is currently conducting a PD&E study for replacement of the Seven Mile Bridge. Coordinate with FDOT to request that pedestrian/bicycle features be added on the new bridge	Long-term	Bridge		
87	2-3	Marathon	Conduct a feasibility study to widen US 1 from 11th Street Ocean to 15th Street	Long-term	Roadway		Requires modifications to Monroe County Comp Policies potential access impacts; requires public involvement

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
88	1-3, 1-6, 5-1	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	Long-term	Transit		Requires coordination with the stakeholders. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final M Grant
95	2-3	Marathon	FDOT Traffic Operations Office is evaluating a request to change the northbound left-turn lane to a two-way left-turn lane at US-1 and Guava Avenue	FDOT is Currently Evaluating	Operations		
96	3-3	Marathon	FDOT Traffic Operations Office is evaluating a request for additional speed limit signs along the Seven Mile Bridge	FDOT is Currently Evaluating	Signing/Marking		
97	3-3	Marathon	FDOT Traffic Operations Office is evaluating a request for maximum weight signs at the bridge near US 1 and Coco Plum Drive	FDOT is Currently Evaluating	Signing/Marking		
98	3-1	Marathon	FDOT Traffic Operations Office is conducting a safety study at the intersection of US-1 and Coral Lane	FDOT is Currently Evaluating	Safety		
99	1-1	Marathon	FDOT Traffic Operations Office is evaluating a request for restriping and fixing the damaged pavement at the US 1 and Coco Plum Drive intersection. The request stated that bicyclist have a hard time making a left at Coco Plum Drive	FDOT is Currently Evaluating	Maintenance		
100	3-3	Marathon	FDOT Traffic Operations Office is evaluating a request for additional speed limit signs near Plaza Entrance/Key Marathon	FDOT is Currently Evaluating	Signing/Marking		
89	6-2, 1-5	Marathon	Seven Mile Bridge Replacement over Moser Channel (900101)	In FDOT 5-year Work Program	Bridge	448207-1	FDOT Programmed Project - Letting 2/2029; Contact PM confirm if pedestrian/bike accommodations are being included
90	6-2	Marathon	Old Seven Mile Bridge Repair/Rehab Projects along US-1 from Knights Key to Pigeon Key	In FDOT 5-year Work Program	Bridge	413721-2	FDOT Programmed Project
91	6-2	Marathon	Seven Mile Bridge Repair/Rehab Projects at Moser channel Bridge (900101)	In FDOT 5-year Work Program	Bridge	446231-1	FDOT Programmed Project
92	6-2	Marathon	Bridge Repair/Rehab Projects at Vaca Cut Bridge (900126)	In FDOT 5-year Work Program	Bridge	447757-1	FDOT Programmed Project
93	1-1, 1-2	Marathon	Feasibility study for pedestrian features along US-1 from MM 58.2 to MM 59.9	In FDOT 5-year Work Program	Safety	428063-1	FDOT Programmed Project; Cross Reference with the FK Project List
94	1-1, 1-2	Marathon	Rebuild the bike path along Aviation Boulevard to a 6-8ft wide and extend to US 1	In FDOT 5-year Work Program	Safety	436623-1	FDOT Programmed Project; LAP Project with City of Marathon; Cross Reference with the FKOHT Project List
101	6-2	Layton	Bridge Repair/Rehab Projects at Channel 5 Bridge (900098)	In FDOT 5-year Work Program	Bridge	436523-1	FDOT Programmed Project
102	1-2	Islamorada	FDOT is evaluating a request for an at-grade pedestrian crosswalk at Founders Park	Short-term	Safety		

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
103	1-2	Islamorada	Conduct a lighting study along US 1 in the vicinity of Founders Park	Mid-term	Lighting		Requires coordination with stakeholders as well as FPL and Florida Fish and Wildlife Conservation Commission
104	2-3	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	Mid-term	Operations		Requires coordination with stakeholders and public acceptance
105	3-4	Islamorada	Conduct a lighting justification study in Upper and Lower Matecumbe	Mid-term	Lighting		Requires coordination with stakeholders as well as FPL and Florida Fish and Wildlife Conservation Commission
106	3-1	Islamorada	Conduct a study to determine methods to reduce speeding and related crashes South of Robbie's Marina (MM 72-MM 73)	Mid-term	Operations		
107	2-2, 2-3, 2-4	Islamorada	Conduct a feasibility study to identify potential improvements for SR 4A in Plantation Key, so it can be used as an alternate route during peak hours, incidents, or during lane closures. Also, identify improvements at critical intersections to provide access to/from US 1	Long-term	Roadway		Potential right-of-way impacts. Requires coordination with stakeholders and public acceptance
108	1-3, 1-6, 5-1	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	Long-term	Transit		Requires coordination with the stakeholders. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final MPO Grant
109	6-2	Islamorada	Bridge Repair/Rehab Project at Lignumvitae Channel (900096)	In FDOT 5-year Work Program	Bridge	441968-1	FDOT Programmed Project
110	6-2	Islamorada	Bridge Repair/Rehab Project at Tea Table Relief Bridge (900088)	In FDOT 5-year Work Program	Bridge	446191-1	FDOT Programmed Project
111	4-3	Islamorada	Landscaping along US-1 from MM 90.8 (Tavernier Creek Bridge) to 97.0 (Poisonwood Road)	In FDOT 5-year Work Program	Landscaping	419848-2	FDOT Programmed Project
112	4-3	Islamorada	Landscaping from MM 77.47 to MM 81.44	In FDOT 5-year Work Program	Landscaping	436430-1	FDOT Programmed Project
113	1-5, 2-2	Islamorada	Convert Snake Creek Bridge to a high-level fixed bridge	In FDOT 5-year Work Program	Bridge	442670-1	FDOT conducting a PD&E Study
114	6-1	Lower Matecumbe	Flexible Pavement Reconstruction from MM 74.489 to 74.571	In FDOT 5-year Work Program	Roadway	443182-2	FDOT Programmed Project
115	6-1	Lower Matecumbe	Resurfacing along US-1 from MM 73.75 to MM 77.5	In FDOT 5-year Work Program	Roadway	443893-1	FDOT Programmed Project
116	2-2	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	Mid-term	Operations/Safety		May require modifications to the Monroe County Comp Policies

Attachment: FKTCC Reso 01-2021_13 recommendations_color coded with TMP

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
117	1-1	Plantation Key	Conduct a study to determine the feasibility for installing bike lanes along the Old Highway in Islamorada	Mid-term	Safety		Requires coordination with stakeholders and public acceptance. Potential right-of-way impacts
118	2-3	Plantation Key	Conduct a study to determine appropriate intersection improvements at the US 1/Seminole Boulevard intersection.	Mid-term	Operations		
119	6-1	Plantation Key	Resurfacing US-1 from MM 87.16 to MM 90.02	In FDOT 5-year Work Program	Roadway	447810-1	FDOT Programmed Project
182	2-2	Upper Matecumbe	Conduct a planning study to determine the need for and feasibility of a bypass bridge between the Snake Creek Bridge and Tea Table.	Long-term	Bridge		Environmental, right-of-way, and community impacts w require extensive research and/or coordination
120	2-3	Tavernier	Conduct a study to determine appropriate intersection improvements at the US 1/Sunshine Boulevard intersection.	Mid-term	Operations		
121	1-2, 3-1	Key Largo	Evaluate the need for pedestrian signage at the US-1 and Ocean Bay Drive intersection	Short-term	Signing/Marking		
122	3-1	Key Largo	Trim trees to improve sight distance for vehicles on Samson Road	Short-term	Maintenance		
123	3-3	Key Largo	Evaluate the need for appropriate signage to alert drivers of the southbound lane drop along US-1 from Sunset Blvd to Buttonwood Drive	Short-term	Signing/Marking		
124	2-1	Key Largo	Conduct a study to determine methods to reduce speeding and related crashes between MM 99 and MM 106	Short-term	Safety		
125	1-1	Key Largo	Review and identify potential pedestrian and bicycle signing and pavement marking improvements along US 1 in the vicinity of the Ocean Bay Drive/Atlantic Avenue, Laguna Avenue, Holiday Boulevard and Magnolia Street intersections in Key Largo.	Short-term	Safety		
126	2-2, 3-1	Key Largo	Conduct a feasibility study to reconfigure the intersection of US-1 at Ocean Bay Drive/Atlantic Avenue	Mid-term	Operations/Safety		Potential right-of-way impacts; requires coordination w stakeholders and public acceptance
127	1-2, 3-1	Key Largo	Conduct a safety study for intersection improvements at US-1 and Laguna Ave (Potentially relocate adjacent midblock crosswalk to Laguna Avenue)	Mid-term	Safety		Review potential relocation of HAWK north of Laguna Avenue
128	3-1	Key Largo	Conduct a study for intersection improvements at US-1 and Tarpon Basin Drive	Mid-term	Safety		
129	2-3	Key Largo	Conduct an access management study along US-1 from Andros Road to Summerland Road	Mid-term	Operations		Potential access management impacts; requires public acceptance

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130	1-1, 2-2	Key Largo	Conduct a study to determine potential intersection improvements at US-1 and CR 905, including bike lane continuity through the intersection	Mid-term	Operations/Safety		Requires coordination with stakeholders and public acceptance. Potential right-of-way impacts
131	1-3, 1-6, 5-1	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	Mid-term	Transit		Requires coordination with the municipalities. Land acquisition may be required for a park and ride facility. Coordinate with Key West Transit regarding the Final M Grant
132	2-2	Key Largo	Conduct a feasibility study for signal modifications at the intersection of US-1 and Woods Avenue	Mid-term	Operations		Coordinate with FDOT regarding previous studies/findings at this location
133	1-2, 2-3	Key Largo	Conduct a corridor study to determine the need for a traffic signal along US 1 between Avenue B and Avenue A	Mid-term	Operations		
134	2-2	Key Largo	Conduct a feasibility study for signal modifications at the pedestrian signal south of the Key Largo Elementary School	Mid-term	Operations		
135	3-4	Key Largo	Conduct a lighting justification study on US 1 from MM 103 to MM 106	Mid-term	Lighting		Requires coordination with stakeholders as well as FPL and Florida Fish and Wildlife Conservation Commission
136	1-2	Key Largo	Conduct a Sidewalk Feasibility study along Atlantic Avenue from US-1 to Key Largo Community Park	Mid-term	Roadway		Requires coordination with local government agencies
141	3-1	Key Largo	FDOT Traffic Operations Office is conducting a safety study (to reduce conflicts between side street traffic and southbound right-turn traffic) at US-1 and Atlantic Boulevard	FDOT is Currently Evaluating	Safety		
142	3-1	Key Largo	FDOT Traffic Operations Office is conducting a safety study at US-1 and Snapper Avenue	FDOT is Currently Evaluating	Safety		
143	2-3	Key Largo	FDOT Traffic Operations Office is conducting a study to evaluate the need for a deceleration lane at Leg 001 in Key Largo	FDOT is Currently Evaluating	Operations		
144	3-3	Key Largo	FDOT Traffic Operations Office is evaluating a request for a one-way sign at Harbor Drive	FDOT is Currently Evaluating	Signing/Marking		
137	2-2	Key Largo	Install a new traffic signal at the intersection of US-1 at Burton Drive	In FDOT 5-year Work Program	Operations	441974-1	FDOT Programmed Project
138	6-1	Key Largo	Resurfacing along US-1 northbound from MM 99.6 to MM 100.0	In FDOT 5-year Work Program	Roadway	443921-1	FDOT Programmed Project
139	6-1	Key Largo	Resurfacing along US-1 from MM 99.6 to MM 100	In FDOT 5-year Work Program	Roadway	445994-1	FDOT Programmed Project

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
140	6-1	Key Largo	Resurfacing along US-1n from MM 108.4 to MM 112.8	In FDOT 5-year Work Program	Roadway	446005-1	FDOT Programmed Project
145	4-3	Key Largo	Add dense landscaping in the median to reduce midblock pedestrian crossing from Ocean Bay Rd/Atlantic Avenue to Poinciana Drive (MM 99.6 to MM 100)	In FDOT 5-year Work Program	Safety		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
146	1-1	Key Largo	Improve Signage and install green colored pavement markings along the shared use paths where they intersect with side streets and driveways from MM 99.6 to MM 100	In FDOT 5-year Work Program	Safety		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
147	1-1, 1-2	Key Largo	Landscaping modification to improve pedestrian/bike visibility at Laguna Avenue from MM 99.6 to MM 100	In FDOT 5-year Work Program	Safety		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
148	2-3	Key Largo	Narrow driveways to meet current FDOT Standards from MM 99.6 to MM 100	In FDOT 5-year Work Program	Operations		Recommendation from FDOT Safety Review to be implemented with Resurfacing Project
149	3-1	North Key Largo	Conduct an intersection study at CR 905A and CR 905 to determine appropriate signing and marking improvements to enhance visibility	Mid-term	Safety		
152	3-1	Multiple	Conduct a lighting study on Bay Point and Big Coppitt Key near bus stops	Mid-term	Lighting		Requires coordination with stakeholders as well as Florida Fish and Wildlife Conservation Commission
153	2-2, 3-1	Multiple	Coordinate with FDOT D6 on the upcoming deployment of the Keys COAST project as well as future needs to address Monroe County's connected vehicle and system requirements	Mid-term	Technology		
154	1-4	Multiple	Conduct a detailed study to evaluate the feasibility of a water taxi between Stock Island and Key West	Mid-term	Water Based Transportation		Requires coordination with FDOT and Federal Transit Administration as well as potential private partnerships local marinas and/or water taxi operators
155	1-4	Multiple	Conduct a detailed study to evaluate the feasibility of Water Ferry Service from Miami to Key West	Mid-term	Water Based Transportation		Requires coordination with FDOT and Federal Transit Administration as well as potential private partnerships with water ferry operators)
156	2-4	Multiple	Conduct a study to identify gaps in ITS coverage (cameras and DMS) for incident management purposes	Mid-term	Technology		Coordinate with FDOT; potential R/W impacts
157	1-3	Multiple	Conduct a feasibility study to determine locations for Transit Signal Priority. These improvements will help reduce delay to transit vehicles	Mid-term	Transit		Requires coordinate with FDOT, Miami-Dade Transit, or City of Key West
158	2-4, 2-5	Multiple	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	Mid-term	Incident Management		Requires coordination with Monroe County Sheriffs, Emergency operations office, and FDOT

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
160	2-4, 3-1	Multiple	Coordinate with the Monroe County Sheriff's Department to recruit Certified Traffic Homicide Investigators (THI) in Monroe County	Mid-term	Incident Management		
161	1-3	Multiple	Conduct a study to evaluate the feasibility of implementing Aerial Taxis/Vertiports/eVOTL within Monroe County	Mid-term	Other		Coordination with FDOT, Naval Base, Key West Airport, Marathon Airport, FAA and private air taxi operators; requires public involvement
162	1-3	Multiple	Conduct a study to determine the feasibility of improving bus stop amenities such as shelters, Wi-Fi, bike racks, seating, lighting, driver notification push buttons, etc. along US 1	Mid-term	Transit		Requires coordination with FDOT, Key West Transit, and Miami-Dade Transit; potential R/W impacts
163	1-3	Multiple	Conduct an evaluation study to prioritize locations that need bus bays. Bus bays for 15 locations are already funded through FDOT	Mid-term	Roadway/Transit		Requires coordination with FDOT, Key West Transit, and Miami-Dade Transit; potential right-of-way impacts
164	1-3	Multiple	Coordinate with Key West Transit for the installation of an Automated Vehicle Location (AVL) system for buses	Mid-term	Transit		
165	1-3	Multiple	Key West Transit is developing an enhanced transit app that will provide additional payment options	Mid-term	Transit		
172	1-3	Multiple	Conduct a feasibility review to add additional bus stops in Long Key and near Angler's Park in Key Largo.	Mid-term	Transit		Requires coordination with Miami-Dade Transit
166	1-3, 1-6, 5-1, 5-3	Multiple	Develop a Mobility On-Demand Application to assist users with trip planning and mobility options along US 1	Long-term	Technology		
167	1-3	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	Long-term	Technology		Requires coordination with transit agencies and public acceptance
168		Multiple	Coordinate with FDOT for the implementation of Electric Vehicle Infrastructure (Charging stations, Smart Power Lane) along US 1	Long-term	Technology		
169	1-3	Multiple	Conduct a study to evaluate the feasibility of providing aerial gondolas at locations with high percentages of short trips (less than 3 miles). Potential locations could include Islamorada, Stock Island, and Key West	Long-term	Other		Requires coordination with stakeholders and public acceptance. Land acquisition may be needed for transfer stations and support structures
170	1-3	Multiple	Conduct a study to determine the locations for and feasibility of implementing Queue Jumpers at signalized intersection along US 1. These improvements will help reduce delay to transit vehicles	Long-term	Transit		Requires coordination with FDOT, Miami-Dade Transit, City of Key West
171	2-2	Multiple	Conduct a feasibility study to provide a new bridge between Stock Island and Key West (two potential options: 5th Avenue to Douglas Circle or Projected 13th Avenue to Thompson)	Long-term	Bridge		Right-of-way, Environmental and Community Impacts will require extensive research and/or coordination

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Reference #	Goals-Objective	Key	Project Description	Implementation Schedule	Improvement Category	FDOT FM #	Additional Comments/Information
173	1-3	Multiple	The City of Key West proposed a modified Lower Keys Shuttle to end at the new Key West Intermodal Center	Long-term	Transit		This is one of the proposed improvements in the Key West Transit Development Plan (2019)
174	1-3, 5-1	Multiple	The City of Key West proposed a new Key West Intermodal Center Transit Connector that will provide service from the Intermodal Center to downtown Key West	Long-term	Transit		This is one of the proposed improvements in the Key West Transit Development Plan (2019)
175	1-3, 2-2, 3-1	Multiple	Conduct a feasibility study to determine locations for Part-Time Shoulder Use by buses along US 1	Long-term	Roadway/Transit		Requires coordination with FDOT, Miami-Dade Transit, and Key West Transit
176	1-3	Multiple	Evaluate the feasibility of unifying multi-agency transit system (KWT & MDT) with a service operated by a single provider	Long-term	Transit		Will require extensive coordination and interagency agreements
177	5-1, 5-3	Multiple	Evaluate parking facilities and determine possibilities to provide public parking. A Parking Management System may be considered to manage parking and provide real-time information on parking availability; could be linked to parking availability at the new Key West Intermodal Center	Long-term	Other		Requires coordination with the City of Key West; potential R/W impacts
178	2-2	Multiple	Conduct a study to evaluate the feasibility of extending the current Microwave Backbone into Key West. Currently the traffic signals in Key West are connected via cellular and the Microwave backbone ends on Stock Island	Long-term	Operations		Requires coordination with FDOT and City of Key West
179	1-2	Multiple	Conduct a warrant study for pedestrian bridges over US-1 at school crossings (Coral Shores High School was specifically mentioned)	Long-term	Bridge		Requires coordination with FDOT and Monroe County School Board; requires public involvement
150	2-2, 3-1	Multiple	FDOT is upgrading the traffic signal communication infrastructure from cell phone to the Microwave backbone	In FDOT 5-year Work Program	Technology		
151	2-2	Multiple	FDOT is upgrading traffic signal infrastructure (Controllers, Cabinets, UPS, ATMS Central Software) at HAWK signals and emergency signals along US 1	In FDOT 5-year Work Program	Operations		
159		Multiple	FDOT is conducting a Freight Improvement Study along US 1	In FDOT 5-year Work Program	Freight		
180	6-1	Multiple	Resurfacing on US-1 from MM 36.6 to MM 38.4	In FDOT 5-year Work Program	Roadway	447806-1	FDOT Programmed Project
181	2-2, 3-1	Multiple	FDOT Traffic Operations Office is installing ITS Infrastructure improvements to support Signal Operations, Emergency Vehicles/Fire, Drawbridge, weigh station, Emergency Signals along US 1	In FDOT 5-year Work Program	Technology	444920-2	FDOT is in the process of installing devices to support Intelligent Transportation System (ITS). This project is referred as Key COAST Project, NTP Expected in July 2021
183	1-1, 1-2, 4-1	Multiple	Enhance and maintain the Florida Keys Overseas Heritage Trail (FKOHT) to provide a continuous trail throughout the Florida Keys.	FDEP	Other		FDEP has developed a plan (Dated August 2018) to complete and improve amenities along the FKOHT while preserving and protecting the natural resources along the trail. This states a ten-year management plan.

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