

Agenda Item IV. Discussion of draft list of “US1 Improvement Projects”

LIST OF RECOMMENDED US1 IMPROVEMENTS FLORIDA KEYS TRANSPORTATION COORDINATION COMMITTEE

1. Request FDOT conduct a study of Upper Keys traffic congestion areas to identify locations appropriate for the inclusion of merge and deceleration lanes to improve traffic flow at shopping centers, grocery and prescription drug stores; business centers; professional offices (i.e. doctor offices); etc.
2. Request FDOT conduct a study of segments operating at a Level of Service (LOS) D, 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 and deceleration lanes, dedicated left turn lanes, etc.
3. 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.
4. 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.
5. Request FDOT to conduct a study of intersections within Key Largo, where local roads intersect with U.S. 1 and experience high congestion and/or accidents, to develop right-turn only pavement marking and signage on local roads.
6. Request FDOT to conduct a study to improve signage at the intersection of County Road 905 and U.S. 1 (MM106.5).
7. 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.
8. Request FDOT to conduct a feasibility study to develop 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.
9. 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.
10. Request FDOT conduct a signal re-timing study to optimize signal timing in Stock Island.
11. Request FDOT to conduct a feasibility study to reconfigure the intersection of U.S. 1 and Roosevelt Boulevard.