

LOS Task Force Meeting #1

Meeting Minutes

11/10/2020

Task Force Members: **DEO:**

Barbara Powell, Regional Program Administrator North Team

Justin Stiell, Regional Program Administrator Southwest and Areas of Critical State Concern

FDOT:

Neil Lyn, District Statistics Administrator

Gina Bonyani, Systems Implementation Office

Monroe County Traffic Consultant (AECOM):

Vivek Reddy, Traffic Engineering Department Manager

Monroe County Staff:

Emily Schemper, Senior Director Planning and Environmental Resources

Janene Sclafani, Transportation Planner

Judith Clarke, Director of Engineering Services

I. Discussion

2019 Arterial Travel Time and Delay Study (ATTDS) was not adopted – instead the Monroe County Board of County Commissioners (BOCC) directed the U.S. 1 Task Force to reconvene and consider recommended updates in 2019 ATTDS (i.e. consistency with Highway Capacity Manual (HCM) and current transportation practices). The U.S. 1 Task Force (Task Force) was approved to reconvene by the BOCC in October 2020.

Noted issues:

- No updates to the methodology since 1997.
- Signal delay has changed in HCM since 1997 - current delay allowed is 35 seconds.
- Overall LOS methodology vs. individual segments, slightly different calculations. Should treat both same or keep different?
- Drawbridge delay not deducted like signal delay. Vivek recommends using signal delay for drawbridge, drawbridge does not have a time delay designated in HCM. Or look at previous studies for average of bridge delay. Get schedule from Coast Guard.
- Staggered Timing of ATTDS. Current schedule is 7 days, 2 runs a day. Possible alternate schedule to cover morning peak. Changing schedule may create other issues.

HCM 2010 methodologies looked at:

- 4 lane highway and 2 lane highway compared; these are the 2 methodologies that fit the Keys.
- Signalized intersection.

Staggered timing:

- Current ATTDs schedule captures mid-day and pm peak hours.
- Should am peak be captured?
- Data collected indicates mid-day has highest traffic peak.

II. Action Items:

Task Force Concurrence on whether to include or exclude from draft update to methodology:

1. Signal Delay Threshold: HCM increase from 25 – 35 seconds?
Yes
2. Drawbridge Delay: amount of time deducted
 - Actual delay encountered
 - Average based on previous TTDS
 - Vivek – will check on current schedule, past delays in previous studies, and prepare options for methodology.
3. Drawbridge Delay: deduct for both Segment AND Overall?
All agree, apply consistently.
4. Overall vs Segment measurement of speed standard – 45 mph OR posted speed limit?
Vivek – will calculate the weighted average posted speed limit for overall US1 and prepare options for methodology.
5. Travel Time Schedule
Stagger more or add additional runs to capture Peak AM in the lower keys segments. Vivek will prepare revised schedule. The Task Force will decide whether to use revised schedule or current schedule.

III. Meeting adjourned. Next Task Force meeting scheduled for January 6, 2021.