

SPECIAL TOWN COUNCIL MEETING

February 16, 2024





**PRESENTATION BY MR. BRYAN KELLY, P.E.
TOWN'S TRAFFIC ENGINEER**

TRAFFIC CALMING DEVICES – CONCEPT 1A

Highlights

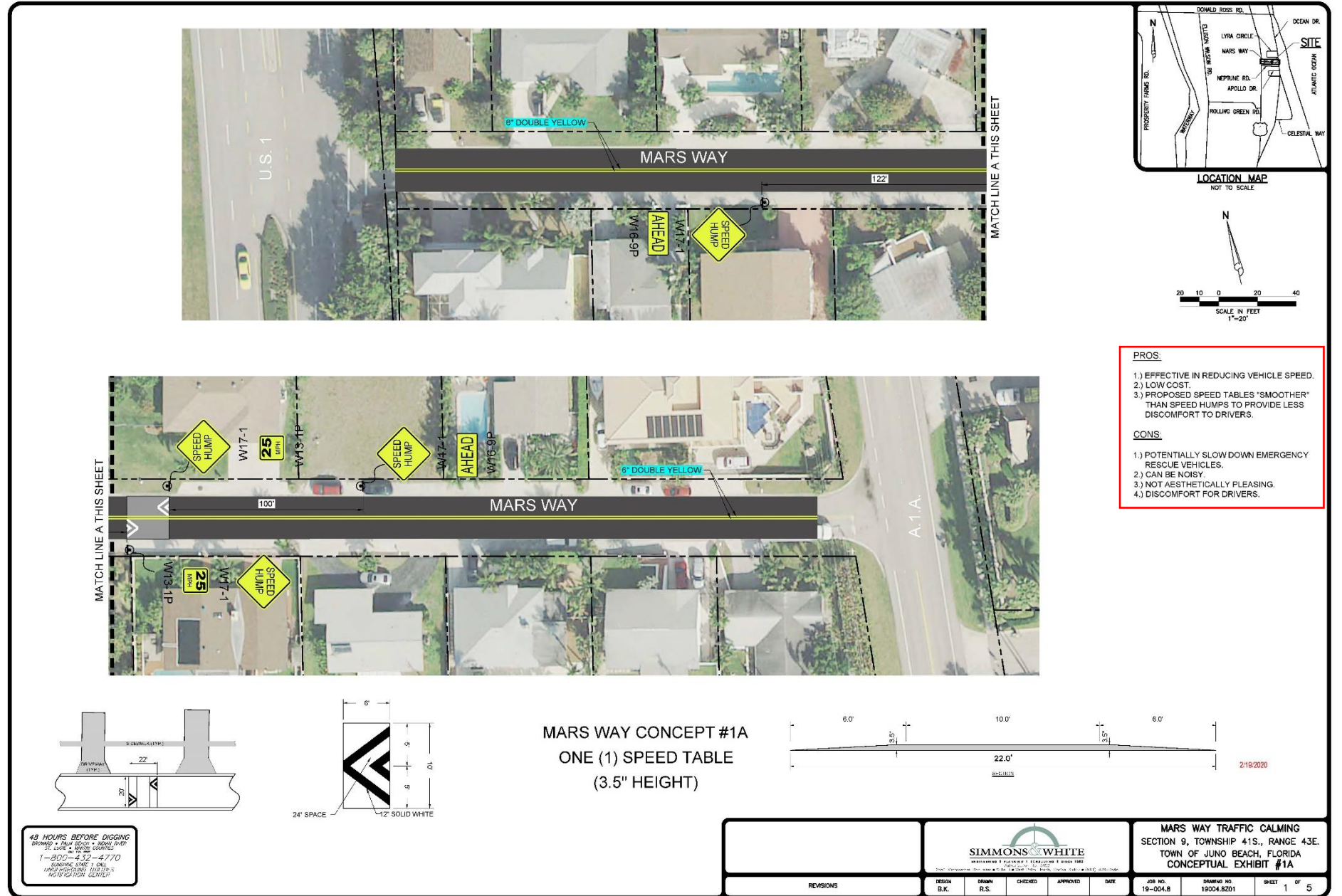
- Double yellow lines
- **One (1)** Speed table
- 3.5" height by 22'
- 4 signs (2 per lane)

PROS:

- 1.) EFFECTIVE IN REDUCING VEHICLE SPEED.
- 2.) LOW COST.
- 3.) PROPOSED SPEED TABLES "SMOOTHER" THAN SPEED HUMPS TO PROVIDE LESS DISCOMFORT TO DRIVERS.

CONS:

- 1.) POTENTIALLY SLOW DOWN EMERGENCY RESCUE VEHICLES.
- 2.) CAN BE NOISY.
- 3.) NOT AESTHETICALLY PLEASING.
- 4.) DISCOMFORT FOR DRIVERS.



OCTOBER 2021 – DIRECTION FROM COUNCIL

1. Reduce Speed limit to 20 mph



2. Solid Double Yellow Line Stripping down the entirety of Mars Way



3. The installation of additional “No Truck” signs on US Highway 1 and Ocean Drive;



4. Code text amendment of Article IV.- Truck Routes to include additional enforcement language to aid the Police Department in enforcing the “No Truck” signs. Newly proposed language should be reviewed by staff, Town Attorney and Traffic Engineer;

5. Elevated Police enforcement on Mars Way.

6. Communicate with mapping software companies (Google Maps, Apple, and others) to reroute drivers to use other streets.

7. Include speed and traffic concerns of Mars Way on the Town's newsletter to help other residents adhere to the posted speed limit

SAFETY FIRST!

In the past year, the Town of Juno Beach has conducted a volume and speed data study on **Mars Way** and has conducted 2 public workshops with the residents of Mars Way in an effort to alleviate their concerns with the speed and number of vehicles that travel through Mars Way.

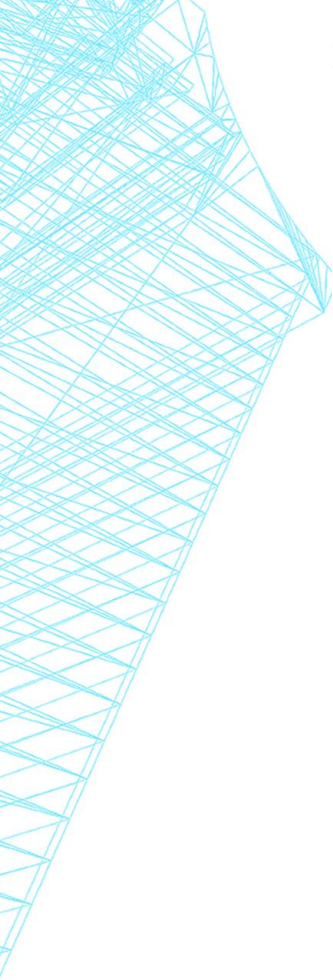
At the September Town Council meeting, Council approved traffic calming options to be implemented on Mars Way. One of these options include an announcement to all of our residents on the current condition of Mars Way.

Although Mars Way is a convenient street that connects US Highway 1 to Ocean Drive, it is a local, residential street whose topography limits the view of pedestrians and vehicles

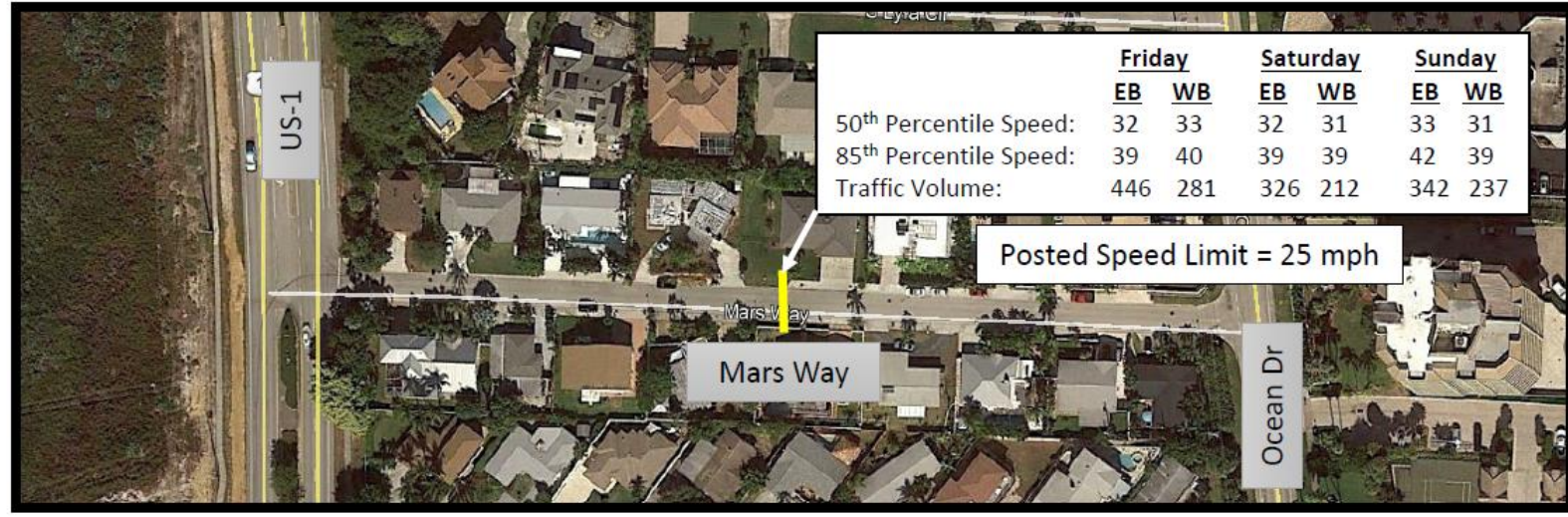


when vehicles travel at high speeds. For these reasons, the Town of Juno Beach would like to encourage our residents and visitors that frequently travel through Mars Way to use Donald Ross Road and US Highway 1 as means to get to their destination as these roads are designed for such numbers of vehicles.

We thank you for your help on this matter and if you have any questions please do not hesitate to contact your Planning and Zoning Department at 561/626-1100.



January 31- February 2, 2020 Traffic Data



January 18-20, 2024 Traffic Data

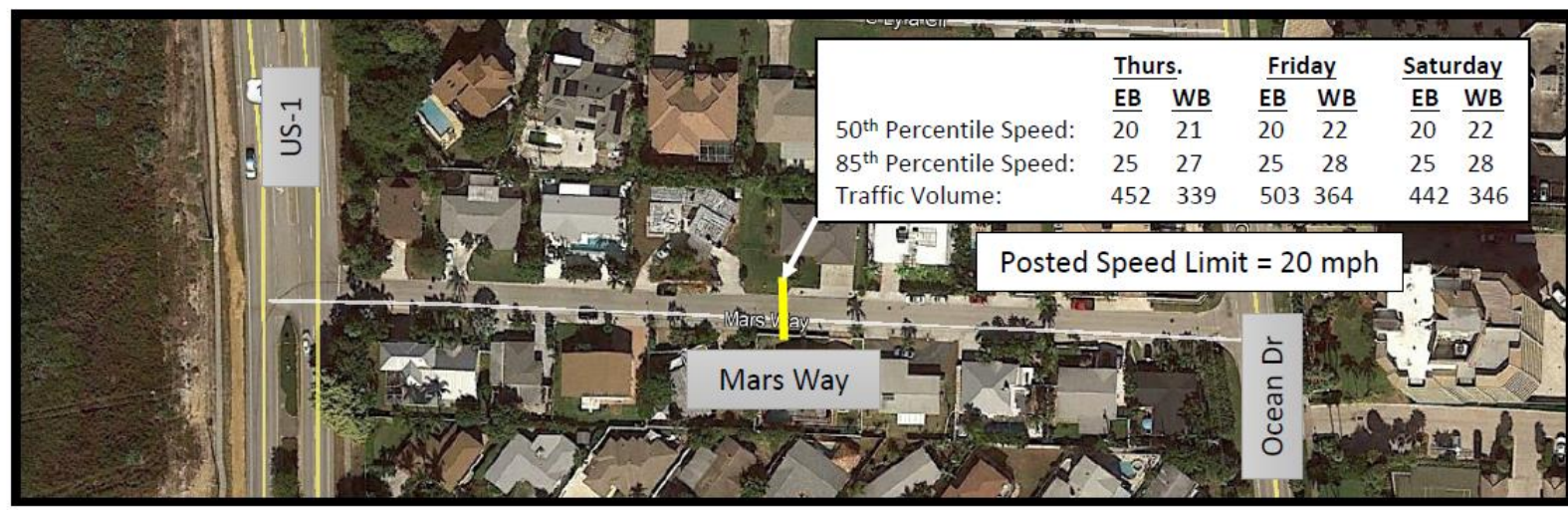


Figure 1 - Traffic Data
Mars Way

NOISE FROM TRAFFIC CALMING DEVICES

MOST TO LEAST LEVELS OF NOISE:

1. Speed Bumps (6 feet or less in length)
2. Speed Humps (12-14 feet in length)
3. Speed Tables (22 feet in length)
4. Rubber Speed Humps/Tables



Speed Bump



Speed Hump



Speed Table



Rubber Speed Hump



MARS WAY AS ONE-WAY ALTERNATIVE

POSITIVES:

1. Reduce traffic volumes and cut through traffic
2. Could allow for a dedicated bicycle/pedestrian asphalt path on one side

NEGATIVES:

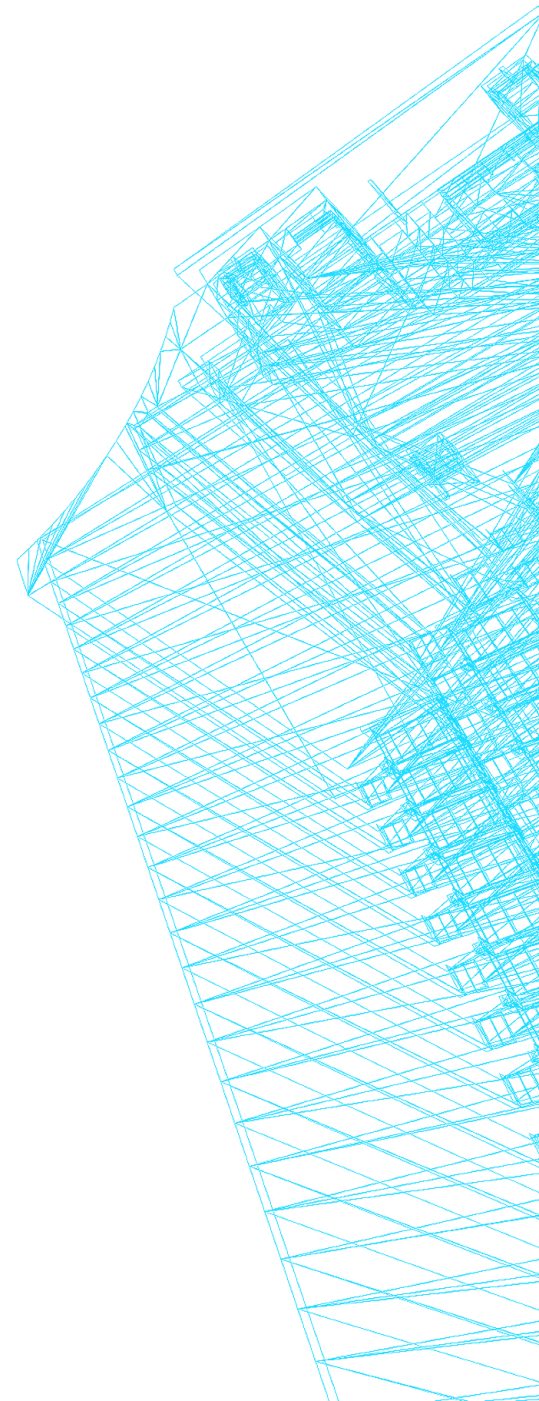
1. Could increase vehicle speeds as roadway would need to be 20 feet per Fire Rescue requirements
2. Traffic diverted to other roadways such as Olympus Drive. However, traffic impact not expected to have a significant operational impact to other roadways.
3. Increase of emergency response times

CLOSURE OF US-1 MEDIAN AT MARS WAY

FDOT will allow a temporary/permanent median opening closure at US-1 and Mars Way. A 6 month duration limit would be established to determine whether to make the median opening closure permanent. The Department can deploy the closure using temporary traffic control devices.

If after the 6 month temporary test, the Town wants to make the median opening closure permanent, FDOT will do that roadway/concrete work using Department resources.





THANK YOU

