

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, DIRECTING THE TRANSPORTATION AND MOBILITY DEPARTMENT TO PURCHASE FOUR (4) JAMAR BLACK CAT RADAR TRAFFIC RECORDER DEVICES THAT ARE CAPABLE OF CAPTURING BOTH THE SPEED OF PASSING VEHICLES AND MAINTAINING A VEHICULAR COUNT, IN A TOTAL AMOUNT NOT TO EXCEED \$20,000, IN ORDER TO INITIATE A RECURRING TRAFFIC DATA COLLECTION PROGRAM THROUGHOUT THE CITY.**

**WHEREAS**, the City of Miami Beach is a small barrier island nestled between Biscayne Bay (on the west) and the Atlantic Ocean (on the east); and

**WHEREAS**, the City only has approximately 80,000 residents and fifteen (15) square miles of land within its territorial jurisdiction; and

**WHEREAS**, nonetheless, the City of Miami Beach is an internationally renowned tourist destination that draws an immense number of visitors (including tourists and day-trippers) each day; and

**WHEREAS**, the safety and well-being of the residents and visitors to the City are of the utmost importance; and

**WHEREAS**, the City has identified a need to monitor and analyze vehicle speed data and vehicular count in order to enhance public safety and improve traffic management; and

**WHEREAS**, vehicle speed detection devices are efficient and effective tools for capturing accurate and reliable vehicle speed data; and

**WHEREAS**, the Jamar Black Cat Radar Traffic Recorder devices can capture and maintain both the speed of passing vehicles and the total vehicular count; and

**WHEREAS**, the Black Cat Radar Traffic devices also have the capability to collect data from two (2) lanes of travel each, rather than only one (1) single lane of travel at a time; and

**WHEREAS**, these Black Cat Radar Traffic devices are also small, non-intrusive, battery-powered, and mount on existing poles of any size; and

**WHEREAS**, Jamar's software program is configured to generate user-friendly data reports in either Excel or PDF format; and

**WHEREAS**, the Transportation and Mobility Department will identify and prioritize the most appropriate locations for the placement of the Black Cat Radar Traffic devices based on traffic volume, accident history, bicycle/pedestrian usage, and other relevant factors; and

**WHEREAS**, once captured, the Transportation and Mobility Department can review and analyze the collected vehicle speed and volume data to identify those areas in need of additional traffic mitigation and enforcement strategies; and

**WHEREAS**, the Transportation and Mobility Department has identified funds in its current FY 2023-24 budget that can be utilized for the purchase of four (4) Jamar Back Cat Radar Traffic devices.

**NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND THE CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA**, that the Mayor and City Commission hereby direct the Transportation and Mobility Department to purchase four (4) Jamar Black Cat Radar Traffic Recorder devices that are capable of capturing both the speed of passing vehicles and maintaining a vehicular count, in a total amount not to exceed \$20,000, in order to initiate a recurring traffic data collection program throughout the City.

**PASSED** and **ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2024.


**ATTEST:**

\_\_\_\_\_  
Steven Meiner, Mayor

\_\_\_\_\_  
Rafael E. Granado, City Clerk

(Sponsored by Commissioner David Suarez)

APPROVED AS TO  
FORM & LANGUAGE  
& FOR EXECUTION

  
\_\_\_\_\_  
City Attorney *MAF*

3-27-24  
Date