



**SFMTA**

# **SFMTA Automated Speed Enforcement (ASE) Technology**

## **BOS Rules Committee Meeting: May 20, 2024**

# Technology Description

- 1) This technology is governed under the California Assembly Bill AB 645 that authorizes 6- cities (including CCSF) to establish a Speed Safety System Pilot Program (<https://legiscan.com/CA/text/AB645/id/2845946>)
- 2) Vendor-owned Automated Speed Enforcement system (the Technology) uses an automated detection equipment to detect a speed violation based on pre-defined thresholds.
- 3) Once a speed violation is detected, a signal is sent to the camera to obtain a clear photograph (e.g. JPEG) of a speeding vehicle's rear license plate.
  - a) Cameras use cellular communication to transmit pertinent information to vendor
- 4) Photograph of the rear license plate is sent to the vendor. Vendor shares the photograph with the Department and the Department validates the violation.
- 5) Vendor sends the 'Notice of Speed Violation' to the registered owner of the vehicle.





# Technology Description - Examples of 'Speed Violation'



**Location:** Rhode Island Avenue, SB @ 37th Street, Mount Rainier, MD  
**Date:** 03/17/2011 Time: 01:15:03.289 PM  
**Lane:** 2, **Speed Limit:** 25, **Vehicle Speed:** 50  
**Unit ID:** 70033 **Camera ID:** 3910-003

**Photo Number:** 2  
**Violation Number:** 2782  
**Delta Time:** Time b/t photos: 0.461 sec

## NOTICE OF SPEED VIOLATION

Automated Enforcement Division  
XXXXXXXXXX  
XXXX, XXXXXX

Plate Number: [REDACTED]  
Password: [REDACTED]  
View your violation at  
[www.ZeroFatality.com](http://www.ZeroFatality.com)



Your vehicle was photographed speeding, in violation of §7-15 and § 8-1-2-6, Albuquerque Ordinances, and NMSA 1978 § 66-7-104 of the New Mexico State Motor Vehicle Code.

Location: 4700 BLK Gibson Blvd EB  
Date: 10/11/2021 Time: 15:12:01  
Sign Speed: 40 Vehicle Speed: 112.5  
Plate Number: [REDACTED] Vehicle Make: [REDACTED]

As the vehicle's registered owner/lessee you are liable for the violation. The civil penalty is \$100.00 (payment instructions below). Payment is deemed an admission and waiver of your right to appeal. Failure to pay may result in that this case being forwarded to a collection company.

PAYMENT OF THE PENALTY AMOUNT FOR THE VIOLATION WILL NOT RESULT IN POINTS AND CANNOT BE USED TO INCREASE YOUR INSURANCE RATES.

### City of Albuquerque Officer's Certificate

Based on personal inspection of vehicle images showing violation of §7-15 and § 8-1-2-6, Albuquerque Ordinances, and NMSA 1978 § 66-7-104 of the New Mexico State Motor Vehicle Code.

Sworn to or affirmed by:

Signature of Officer \_\_\_\_\_

Date \_\_\_\_\_



### PAY or VIEW ONLINE:

You may view your violation images and video online and pay your fine at:

[www.ZeroFatality.com](http://www.ZeroFatality.com)

Please enter Plate Number and Password provided below to enter the secure website.

Plate Number: [REDACTED]  
Password: [REDACTED]  
Due Date: 11/05/2021

Violation Number: [REDACTED]

### PAY BY MAIL:

Check or Money Order (NO CASH)  
Payable to: Automated Enforcement Division  
XXXXXXXXXXXXXXXXXXXX

Pin Code: 9048

### PAY BY PHONE:

Please call Automated Enforcement Division toll free at (866) 247-8157 to pay 24/7

Customer Service hours:  
Monday to Friday,  
6:00 AM – 3:00 PM (MDT)

PLEASE NOTE: A \$6.95 convenience fee will be added to all online and telephone payments. Please click the payment button only once. DO NOT make a second attempt to pay online. We are not responsible for bank fees or other charges incurred by you as a result of your failure to follow these instructions.

Detach here and return with your payment

### QUESTIONS:

If you have any questions regarding this Violation, please email: [xxxx@cabq.gov](mailto:xxxx@cabq.gov)

Please provide Name, and Violation Number in addition to your specific question(s).

### HEARING:

Instructions for how to submit an Affidavit of Defense or request a hearing may be found on the backside and online at [www.ZeroFatality.com](http://www.ZeroFatality.com)



# Authorized Use Cases

Department's use of the Automated Speed Enforcement technology is limited to the following use cases:

1. Enforce speed limits on City streets in accordance with California Vehicle Code sections 22425-22434 (Speed Safety System Pilot Program)
2. Analysis of and reporting on speed enforcement, as required under the Speed Safety System Pilot Program.

# Data Lifecycle Steps

- Collection
  - “Radar-system” continuously monitor for over speeding vehicles
  - Based on programmed triggers, when a violation occurs, onsite camera captures a clear picture (.JPEG) of violating vehicle’s rear license plate and sends it to the vendor server.
- Processing & Use
  - Vendor shares the ASE data (vehicle photograph, location of camera, time, vehicle speed, speed limit) with Department
  - Department validates data and confirms violation
  - Vendor mails the ‘Notice of Violation’ to the vehicle registered owner
- Sharing
  - **Department** : Data is available to only authorized department staff
  - **Others (no data just anonymized statistical report)** : SFPD, Officer of the Medical Examiner (OME), Dept. of Public Health
  - **External Data Sharing** : The department will not share surveillance technology data externally with entities outside the City and County of San Francisco unless a warrant/subpoena was issued
- Retention
  - **5-Days**: If no notice of speeding violation is issued
  - **60-Days**: Photograph (by Vendor) after the final disposition of notice of speeding violation
  - **120 Days** - After final disposition of notice of speeding violation for confidential information received from the DMV to issue notices of violation

# PSAB & COIT Meeting Date

- PSAB Meeting:
  - February 22, 2024
- PSAB Recommendation Date:
  - Date PSAB Recommended this policy for COIT's approval: February 22, 2024
- COIT Meeting:
  - March 21, 2024
- COIT Recommendation Date:
  - Date COIT Recommended this policy for BOS Review: March 21, 2024

# Questions

## Team members available to Answer Questions:

### Speed Safety Camera Program:

– Shannon Hake

### Enforcement:

– Shawn McCormick

### Program Management Office (PMO)

– Sohail Warsi

– Robert Miller