



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
 XXXXX, XXXXXXXX

Plate Number: [REDACTED]
 Password: [REDACTED]
 View your violation at
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
 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
 XXXXXXXXXXXXXXXX
PAY BY PHONE:
 Please call Automated Enforcement Division toll free at (866) 247-8157 to pay 24/7
 Pin Code: 9048
Customer Service hours:
 Monday to Friday,
 8:00 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

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



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