



AUTOMATIC LICENSE PLATE READER PROGRAM

Riverside Police Department

Safety, Wellness & Youth Committee
September 16, 2020

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AGENDA

1. History of the Automatic License Plate Reader (ALPR) program
2. Basic background on how the ALPR technology works
3. Stories on the usage of the ALPR technology
4. Questions from the Committee



2

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HISTORY OF THE ALPR PROGRAM

1. ALPR program began in 2011
 - A. Purpose was to assist with issues of Grand Theft Auto (GTA)
 - i. GTA activity in 2010 was approximately 1,461 (121/month)*
 - ii. Through analysis, patrol vehicles outfitted with ALPR systems would drive high GTA activity areas

2. Since then, ALPR program has expanded to include information gathering on two fronts: Proactive and Reactive.
 - A. Proactive – sex offender hot list, repeat DUI offenders, terrorism, hot plates
 - B. Reactive – any cases where a license plate is available (i.e. The Boston Marathon Bombing, San Bernardino shooting)



3

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HISTORY OF THE ALPR PROGRAM

University of California, Riverside

1. Valued the safety and security of their students and faculty

2. Saw the value of the LPR program as a useful investigative tool
 - A. Example: 2012 – 2013, there were multiple incidents of students being robbed of their cell phones

3. Working with Riverside Police Department, both agencies researched areas beneficial for installation of ALPR technology



4

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BACKGROUND ON THE ALPR TECHNOLOGY



Downtown Entertainment District Unit



5

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BACKGROUND ON THE ALPR TECHNOLOGY



Google image of fixed systems.



6

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BACKGROUND ON THE ALPR TECHNOLOGY

The screenshot displays the ALPR software interface. On the left is a 'Search Plate' panel with fields for 'Plate Number', 'Date Range' (From/To), 'Mapping' (State: AB, Use Map Profile: Not Used), and 'Records To Show' (50 Records). The main area shows a table of results with columns for 'Color Overview', 'Plate Image', 'Plate', 'Date', 'Time', and 'Scanner'. Below the table are buttons for 'Output Report', 'Customize View', and 'Save Search', along with a legend for detection types like 'Hit (Hot List)' and 'Selected'.

Color Overview	Plate Image	Plate	Date	Time	Scanner
			06-23-18	9:48:39 PM GMT-08:00	ZZFixed
			06-23-18	7:15:35 PM GMT-08:00	Fixed Camera (Fixed)
			06-23-18	9:00:43 AM GMT-08:00	EB BASELINE ANI
			06-23-18	12:27:31 AM GMT-08:00	EB BASELINE ANI
			06-22-18	10:05:59 AM GMT-08:00	EB BASELINE



USE OF THE ALPR TECHNOLOGY IN INVESTIGATIONS

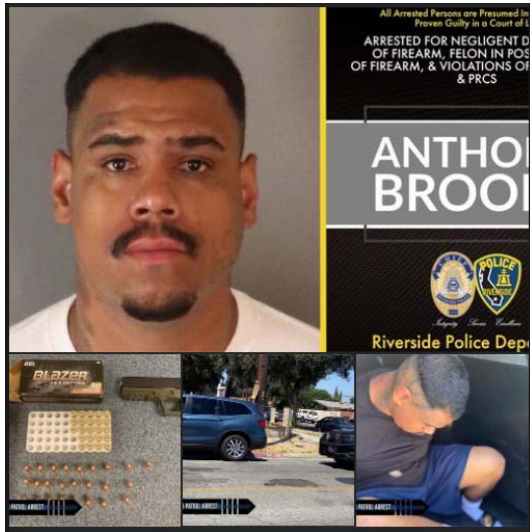
Riverside Police Department
August 7 at 4:02 PM

FELON ARRESTED IN SHOOTING INVESTIGATION

On Friday, August 7, 2020, at approximately 9:49 a.m., officers responded to a call of a shooting from a vehicle that just occurred in the 3200 block of Fairmount Boulevard. A witness identified the vehicle used as a newer blue Honda SUV driven by a male suspect and was able to provide a license plate. Officers ran the license plate which returned to a 2019 Honda Pilot registered in Riverside, and also able to obtain a secondary address with the assistance of the Crime Analysis unit. Our Air Support Unit was above the secondary location within minutes and located the blue Honda Pilot parked in front of a residence on the 5500 block of Ensenada way. As officers were arriving, the aircrew saw a male leave the house and get into the suspect vehicle and drive away. Officers stopped him a short distance away and he was safely detained.

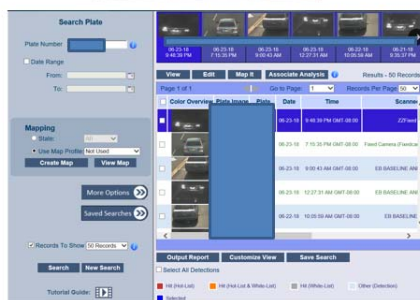
This driver was positively identified as the shooter. He was also discovered to be on active probation, Post Release Community Supervision, and residing at a sober living house at this location. During a search of the house, officers found a semi-automatic handgun, high capacity magazine, and numerous ammunition.

Anthony Brooks, 35-years-old of Riverside, was arrested and later booked into jail for negligent discharge of a firearm, felon in possession of a firearm and high capacity magazine, and violations of both probation and Post Release Community Supervision.



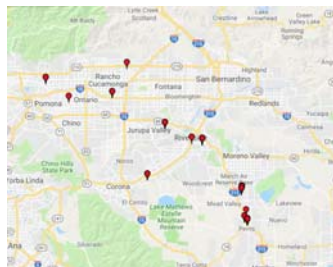
USE OF THE ALPR TECHNOLOGY IN INVESTIGATIONS

1. UCR PD & RPD worked together on a robbery case in 2018
2. Suspect would threaten his victim with a knife when demanding property
3. Suspect responsible for two incidents



USE OF THE ALPR TECHNOLOGY IN INVESTIGATIONS

1. UCR PD had information on a suspect and requested assistance from RPD to find potential addresses
2. LPR was used to assist UCR PD



USE OF THE ALPR TECHNOLOGY IN INVESTIGATIONS

Detective Josh Ontko's presentation on his investigation



11

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RECOMMENDATION

That the Safety, Wellness, and Youth Committee receive and file this report on the history, technology and usage of the automated license plate reader program.



12

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QUESTIONS?

