

# Flock Safety LPR Update February 2023

*Lexington Police Department*



**LEXINGTON**



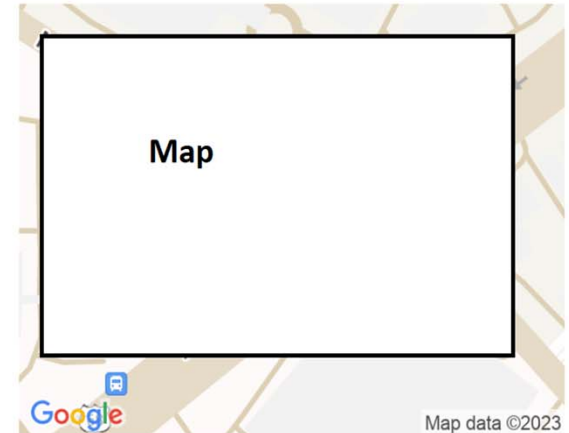
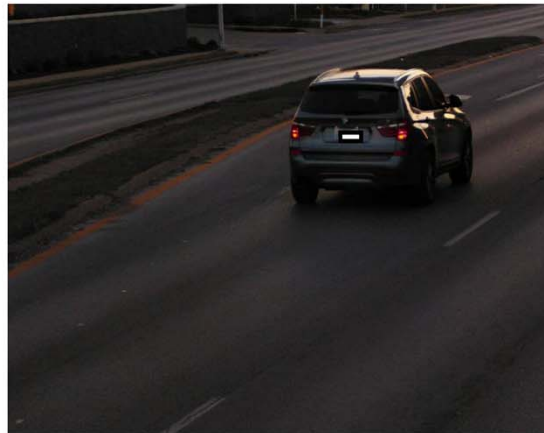
# Flock Safety LPR

## License Plate Readers (LPR)

- Take 6-7 still images when a vehicle passes while traveling on a public right-of-way
- Reads the license plate and determines the color, make, and type of vehicle
- Vehicle is automatically checked on law enforcement networks
- If it is wanted, there is an alert broadcast on the Flock network (NCIC, AMBER Alerts, agency specific custom hot lists)

# Flock Safety – ALERT

Plate	<b>KY</b> <input type="text"/>	Source	<b>NCIC</b>	Camera	<b>#07-</b> <input type="text"/> <b>@</b>
Date	<b>2/13/2023, 6:12:27 PM</b>	Topic	<b>Stolen Vehicle</b>		<input type="text"/>
	<b>3 days ago</b>	Description	<b>GLD HYUN SON</b>	Network	<b>Outbound</b>
					<b>Lexington KY PD</b>





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# Flock Safety LPR

- LPRs are not used for speed or red light enforcement
- LPRs are used to gather leads to investigate crimes reported to Law Enforcement. LPRs are not for targeted enforcement in neighborhoods
- LPR placement is evaluated based on patterns of reported violent crimes throughout Fayette County
- LPRs are moveable based on changing crime patterns
- LPRs are leased from the company on a yearly basis. They handle any maintenance on the devices
- Powered by solar and connected with cellular data



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# Flock Safety – LPR Policy

- Policy outlines the use of the LPR system is for legitimate law enforcement and public safety purposes
- It is a violation of this policy to use the LPR system or associated data for any personal purpose
- Officers are required to enter a reason for any search
- “Hot list” entry requests must be submitted on a department form with supervisory approval. A second level of supervisory approval is completed within the Intelligence Unit
- As our policy was developed, LPD met with the NAACP, ACLU and the Human Rights Commission to discuss this program. Their input was taken into consideration for the development of the policy

# Flock Safety – Training

- Before officers are authorized access to the system, they must:
  - Complete a Lexington Police LPR online training course
  - Review / Comply with department policy
  - Pass a test over the material covered
- Continuing education – In 2023, officers will receive an additional two hours of training, as part of their annual in-service, related to Flock LPR and the proper use of technology

# Flock Safety – Audits

- Audits are completed each quarter and placed on the Lexington Police Department transparency page
- “Hot list” entries are reviewed weekly to ensure they are still justified
- Investigative searches are examined to ensure they meet policy requirements
- “Hot list” entries from other Law Enforcement Agencies are vetted through the Intelligence Section before they are accessible by Lexington Officers

# Flock Safety – Community Education

- LPR Policy is posted on the Lexington Police Department Website
- Lexington Police Department has partnered with Flock Safety to produce a community informational video on LPR technology, which will be posted on our transparency page
- Lexington Police Department provides additional information and resources on the LPR Program via the transparency page





# Flock Safety – Law Enforcement Sharing

- Law Enforcement agencies are able to share data with other law enforcement agencies who are using the Flock Safety Network
- LPD is currently sharing with 107 other law enforcement agencies throughout the nation who have signed an agreement to use Flock Safety for lawful criminal investigations only
- This is important as detectives are able to search other jurisdictions for vehicles associated with cases originating in our jurisdiction. Collaborating with other law enforcement agencies on solving crime has a greater impact on community safety in our region
- If an agency is determined to have violated this agreement, their use of the system may be suspended



# Flock Safety – Law Enforcement Sharing

## Regional Communities utilizing LPR

- Nicholasville
- Georgetown
- Scott County
- Richmond
- Versailles
- Louisville



# Flock Safety – Law Enforcement Sharing

- This information sharing capability has lead to the identification and apprehension of multiple violent offenders
  - Cincinnati, OH
  - Richmond, KY
  - Lexington suspect in Detroit, MI
  - Blue Ash, OH
  - Cape Coral, FL
  - Detroit, MI

# Flock Safety – Results

As of 02-13-2023, Lexington Police has:

- Recovered 129 stolen vehicles with an estimated value of over \$1.9 millions dollars
- Length of time for recovery of stolen vehicles was cut nearly in half for 2022
- Located 15 people who were listed as missing
- Seized 45 firearms
- Investigators used the LPR system to further 10 of the 45 homicide cases in 2022
- Flock has already been used in several gun related crimes in 2023

# Flock Safety – Stolen Vehicle Stats

2020			
Month	Stolen	Recovered	Rate
Jan	81	52	64.2%
Feb	74	49	66.2%
Mar	86	52	60.5%
Apr	82	53	64.6%
May	88	67	76.1%
Jun	88	54	61.4%
Jul	127	73	57.5%
Aug	126	79	62.7%
Sep	105	75	71.4%
Oct	106	88	83.0%
Nov	80	60	75.0%
Dec	94	66	70.2%
<b>Average</b>	<b>95</b>	<b>64</b>	<b>67.5%</b>

2021			
Month	Stolen	Recovered	Rate
Jan	89	62	69.7%
Feb	77	41	53.2%
Mar	86	69	80.2%
Apr	89	56	62.9%
May	83	61	73.5%
Jun	92	52	56.5%
Jul	102	64	62.7%
Aug	74	52	70.3%
Sep	84	55	65.5%
Oct	105	74	70.5%
Nov	107	83	77.6%
Dec	115	82	71.3%
<b>Average</b>	<b>92</b>	<b>63</b>	<b>68.1%</b>

2022			
Month	Stolen	Recovered	Rate
Jan	103	71	68.9%
Feb	92	65	70.7%
Mar	117	85	72.6%
Apr	132	88	66.7%
May	124	79	63.7%
Jun	105	74	70.5%
Jul	105	85	81.0%
Aug	142	95	66.9%
Sep	125	86	68.8%
Oct	84	64	76.2%
Nov	118	84	71.2%
Dec	106	78	73.6%
<b>Average</b>	<b>113</b>	<b>80</b>	<b>70.5%</b>

# Flock Safety – Stolen Vehicle Stats

Days Before Vehicle Recovery			
Month	2020	2021	2022
Jan	6.2	10.2	13.4
Feb	11.1	12.2	7.6
Mar	10.2	8.3	8.8
Apr	9.7	20.5	8.2
May	11.0	6.1	4.7
Jun	27.7	17.3	7.9
Jul	15.3	18.5	8.5
Aug	12.2	6.2	3.1
Sep	12.9	11.0	4.8
Oct	7.1	5.6	3.8
Nov	10.7	13.9	6.1
Dec	5.7	8.4	4.1
<b>Average</b>	<b>11.7</b>	<b>11.5</b>	<b>6.8</b>



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# Flock Safety – Efficiency

- Three highlighted cases shows how the LPR system allows officers to work quickly and efficiently to solve crime

## Victim Impact

- Violent assault with a knife
- Sexual Assault Investigation
- Patrol Investigation



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# Flock Safety – Locations

- LPR locations were determined after examining reported violent crime in Lexington from July 2020 – December 2022. Crimes included: Murder, Rape, Robbery, Sexual assault, Assault 1<sup>st</sup>, Assault 2<sup>nd</sup>, Stalking, Strangulation, Violation of a Protective Order and Violation of a Stalking Order
- The permitting process has been finalized and installation will begin in the coming weeks
- Once all of the cameras are installed, the locations will be posted on the Lexington Police Department transparency page





**Questions?**