

ALPR Pilot Program Timeline:

January 23, 2023 -The ALPR Cameras Pilot Program began.

January 23, 2023-February 23, 2023 - Camera installation, training, and workflow finalized

February 23, 2023 - The Pilot Program went live

February 27, 2023 - The Pilot Program stopped due to signage issue.

March 3, 2023 - All signage was installed.

March 6, 2023 - The pilot program restarted.

March 13, 2023 - First ALPR Council Report

May 23, 2023 – Second ALPR Council Report

Future Dates:

Next Metro Council Report Due July 8, 2023

Pilot Program ends on July 22, 2023

The below data is based upon ALPR activity from March 21 – May 17th.

Metro Nashville Police Department								
ALPR Pilot Camera Summary								
Mobile Vehicles:	10		Fixed Locations:	24		Trailer Locations:	7	
Mobile ALPR Cameras			Fixed ALPR Cameras**			Trailer ALPR Cameras		Total - All ALPR cams
Quadrant	Qty		Quadrant	Qty		Quadrant	Qty	Quadrant Qty
A	6		A	19		A (2 trailers)	2	A 27
B	6		B	19		B (1 trailer)	2	B 27
C	3		C	20		C (2 trailers)	4	C 27
D	9		D	18		***D (2 trailers)	3	D 30
ALL*	6							All 6
Total:	30		Total:	76		Total:	11	Total: 117

Camera Notes:

*"ALL" refers to one Traffic Unit and one Violent Crime Unit, both of which operate countywide.

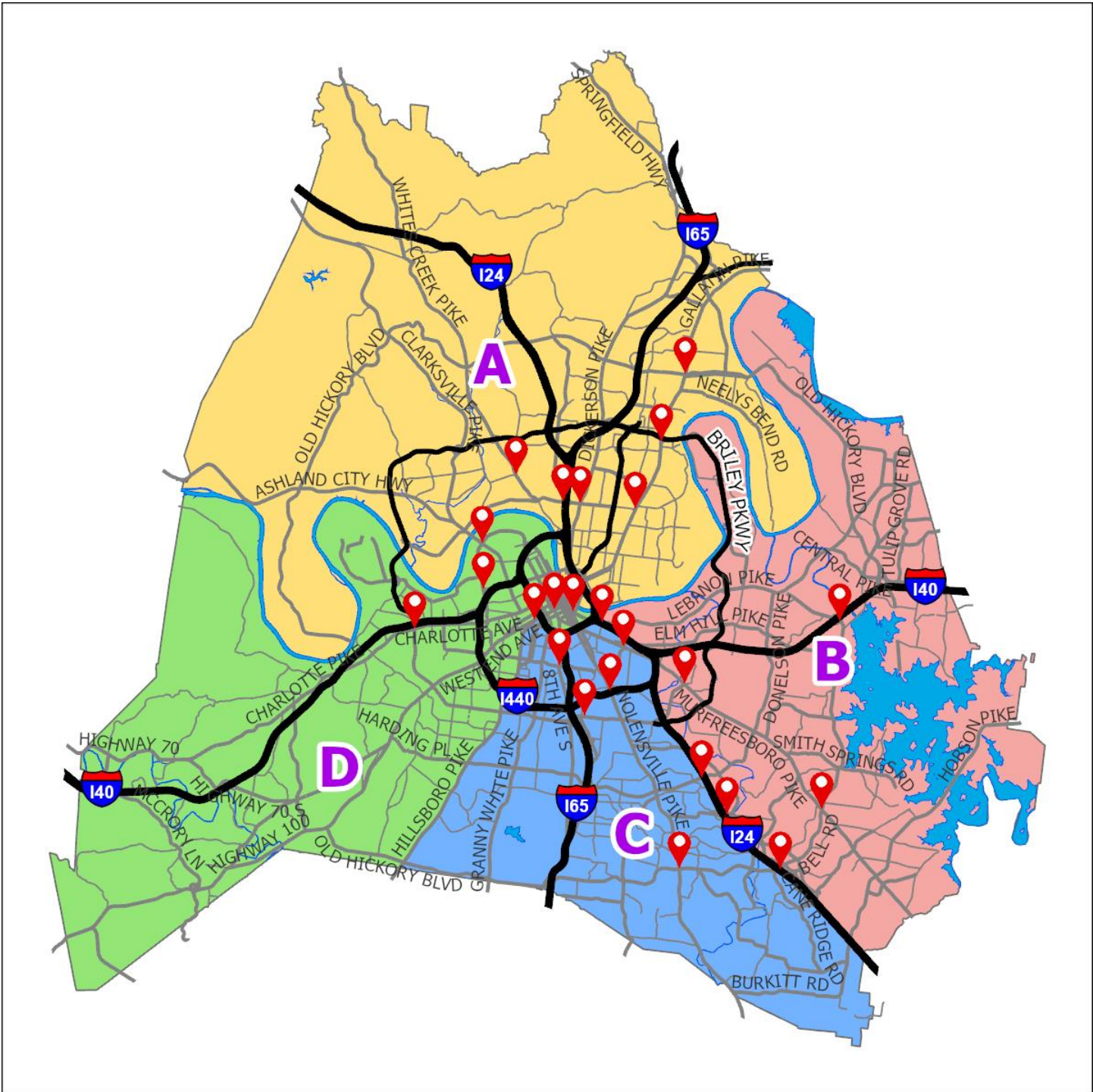
*Three Mobile ALPR Cameras are installed on each MNPd vehicle assigned to the ALPR Pilot Program.

**Fixed ALPR Cameras are facing intersections and installed to cover all lanes of travel

***One trailer in Quadrant D has only one camera; the rest have two

License Plate Reader Hits and Results		
Quadrants	Total ALPR Cameras Reads	Total Hit Notifications
Quadrants A	929,549	161
Quadrants B	1,598,868	606
Quadrants C	887,938	520
Quadrants D	139,984	171
Totals	3,556,339	1,458

Note: Collection of the above data is a manual process and serves as an example of the reads and notifications occurring between May 7th-17th, 2023.



Summary by Quadrant

Quadrant	Verified Hits	Vehicle Stops	Driver or Vehicle Searches	Arrests	Vehicle Recoveries
A	205	18	14	12	15
B	133	5	3	3	5
C	83	0	0	0	0
D	22	2	2	2	2
Totals	443	25	19	18	22

Note: ALPR activity from March 21 – May 17th

Summary by ALPR Site

Quadrant	Intersection	Verified Hits	Vehicles Stops	Driver or Vehicle Searches	Arrests	Vehicles Recoveries
A	Dickerson Pk & Trinity Ln	58	0	0	0	0
	Gallatin Pk & Briley Pkwy	17	1	0	0	0
	Gallatin Pk & Old Hickory Blvd	46	4	2	1	4
	Gallatin Pk & E Trinity Ln	33	4	3	3	3
	Mobile A	4	2	3	2	2
	W Trinity Ln & Brick Church Pk	24	5	4	4	4
	Whites Creek Pk & Moorman's Arm Rd	23	2	2	2	2
B	Bell Rd & I-24	20	0	0	0	0
	Harding Pl & I-24	21	0	0	0	0
	Haywood Ln & I-24	15	1	1	1	1
	Mobile B	1	1	0	0	1
	Murfreesboro Pk & Bell Rd	18	1	1	1	1
	Murfreesboro Pk & Thompson Ln	32	2	1	1	2
	Stewarts Ferry & I40	26	0	0	0	0
C	8th Ave S & Wedgewood Av	9	0	0	0	0
	Hermitage Ave & Fairfield Av	1	0	0	0	0
	Mobile C	1	0	0	0	0
	Murfreesboro & Fesslers	23	0	0	0	0
	Nolensville & I-440	14	0	0	0	0
	OHB & Nolensville	26	0	0	0	0
	Thompson & 100 Oaks	9	0	0	0	0
D	1st Av S & Korean Veterans	2	0	0	0	0
	Broadway & Rosa Parks	2	0	0	0	0
	Broadway & West End Av	1	0	0	0	0
	Charlotte Pk & Whitebridge Pk	0	0	0	0	0
	Clarksville Pk & Ed Temple Blvd	4	0	0	0	0
	Jefferson St & 28th Av N	12	2	2	2	2
	Mobile D	1	0	0	0	0

NOTES/Definitions:

- **Total ALPR Camera Reads:** Number of times the ALPR Camera reads a license plate.
- **Hit Notification:** ALPR system captures image of license plate, queries law enforcement databases, and alerts MNPd that a vehicle wanted by law enforcement has been detected.
- Hit notification includes stolen vehicles, stolen license plates, missing persons, warrants, orders of protections, and sex offender registry.

- **Verified Hit:** MNPD employee confirms the information to be accurate, giving authorization to conduct a vehicle stop.
- Fixed and Trailer ALPRs are powered by solar, and data is transmitted by cellular.
- The ALPR Team monitors from 0600 hours until 2300 hours Monday-Friday.
- **Assigned Officers review the hit notifications and only verify the following categories as Verified Hits using a dual verification process:** Stolen Vehicle, Stolen License Plate, Wanted Violent Offender, and Missing / Endangered person.

Examples:

- An ALPR hit was received at Gallatin Pike and E. Trinity Lane for a stolen vehicle. BOLO was aired on East with the vehicle description, tag number and direction of travel. As a result of the BOLO, East Community Field Intelligence Team (CFIT) officers searched the area for the stolen vehicle. Ultimately the vehicle was found near S 7th street and Crutcher Street. CFIT officers set up surveillance on the vehicle and were able to take the suspect into custody. The suspect was then arrested for Motor Vehicle Theft. The suspect has extensive arrest history and is currently on bond for First Degree Murder.
- An ALPR hit was received for a stolen vehicle at Gallatin Pike and E. Trinity Ln. After the BOLO was aired East Precinct Commander observed the vehicle and followed behind it until it was stopped in Central Precinct area. The driver of the vehicle was detained and was identified as the owner of the vehicle. The vehicle owner stated she had self-recovered the vehicle three weeks ago but failed to notify police that she had recovered it. A vehicle recovery report was completed, and the vehicle was removed from NCIC as a stolen vehicle.
- An ALPR hit received for a stolen vehicle at Gallatin Pike N and Old Hickory Blvd. The vehicle was listed as stolen out of Madison County, Texas. BOLO was aired with the tag number, vehicle description and the direction it was traveling. Madison CFIT officers located the vehicle in the parking lot within the 500 block of Gallatin Pike N, in Madison. The suspect was observed sitting in the driver's seat of the stolen vehicle and was taken into custody and charged with Motor Vehicle Theft.
- An ALPR hit was received at Gallatin Pike and E. Trinity Ln for a stolen vehicle that was taken in a robbery. BOLO aired on East and CFIT officers were in the area and located the vehicle. Officers followed the vehicle covertly until Air One (police helicopter) took over. Air One coordinated with detectives, following the vehicle to the 2100 block of Elm Hill Pike. When the vehicle came to a stop, officers approached and placed the occupants into custody. The driver of the vehicle was interviewed and admitted to the robbery.
- An ALPR hit was received at 28th Ave N and Jefferson St for a stolen vehicle. BOLO aired on North. North CFIT officers searched the area and found the stolen vehicle. As officers approached, the suspect fled from the vehicle on foot. After a brief foot pursuit, the suspect was taken into custody. The suspect was charged with Motor Vehicle Theft and Misdemeanor Evading Arrest. He also had an active Felony Probation Violation warrant. The suspect has an extensive history of arrest for burglary, theft, and theft from motor vehicles.
- An ALPR hit was received at Murfreesboro Pike and Thompson Ln for a stolen vehicle. BOLO aired on both Hermitage and South. Officers located the vehicle parked and unoccupied within the 1100 block of Murfreesboro Pike. The car was recovered and removed from NCIC. No suspect information currently.

- An ALPR hit was received for a stolen vehicle at Murfreesboro Pike and Bell Rd. BOLO was aired on South. Hermitage precinct officers located the vehicle stationary at a gas station at the intersection of Murfreesboro Pike and Glengarry Drive. A recovery report was completed, the vehicle was removed from NCIC, and the vehicle returned to the owner.
- An ALPR hit was received at Brick Church Pike and W Trinity Ln on a black 2021 Kia Sportage with TN plate, officers aired the BOLO on North air, which alerted a detective who was traveling south bound Clarksville Pike. The detective passed the vehicle and was able to watch it from a distance. He observed the driver exit the vehicle and walk to a location within 2100 block of Courtney Ave. Having seen the driver, detectives approached the suspect and placed him into custody without incident
- An ALPR hit was received at W. Trinity and Brick Church Pike for a stolen vehicle. A BOLO was aired on both North and East as the vehicle has historically hit in both areas over the last couple of days. Based on the BOLO, East CFIT officers searched the area. The vehicle was found, unoccupied around the 800 block of Granada Ave. The vehicle was recovered and removed from NCIC as a stolen vehicle.
- An ALPR hit was received for a stolen vehicle at Gallatin Pike and Old Hickory Blvd. BOLO was aired on Madison. Air One was monitoring Madison at the time the BOLO was received and began searching for the vehicle. Other ALPR Hits were received and were aired over East and Madison. Air One located the vehicle parked within the 1100 block of Gallatin Ave in East. Air One observed the driver exit the vehicle and provided officers a description. After a short foot pursuit, the suspect was taken into custody. Officers observed a second suspect flee on foot. After his brief foot pursuit, he was eventually taken into custody.
- Bolo was aired on North Air of an ALPR hit at E. Trinity Lane and Dickerson Pike on an Acura TSX, North CFIT began converging on W. Trinity Lane. When a second ALPR hit came in a Whites Creek Pike and Moorman's Arm, the CFIT detectives further coordinated efforts to have personnel present on all major paths of egress. The vehicle was located parked within the 2700 block of Whites Creek Pike. Detectives observed the driver leaving the vehicle and walk into a store. Detectives converged on the location and took two subjects into custody (the subject observed leaving the vehicle and his front seat passenger and wife without incident. A search of the vehicle revealed 20 grams of meth, various pills, and other drug paraphernalia.
- An ALPR hit for a stolen vehicle was received at Murfreesboro Pike and Thompson Ln. BOLO aired on Hermitage. Based on the BOLO, a Hermitage officer spotted the vehicle as it was traveling in-bound on Murfreesboro Pike. The Hermitage officer confirmed the Tag and as the vehicle turned onto Fairfield Ave, initiated a traffic stop. The suspect was taken into custody. A search of the vehicle and suspect turned up a small amount of marijuana. The suspect was arrested and charged with Motor Vehicle Theft and Simple Possession for the Marijuana.
- Multiple ALPR hits over the last several days for a stolen vehicle that was taken in a robbery led Violent Crime Division personnel to the area where the vehicle was hitting most frequently. VCD units were able to locate the vehicle unoccupied and conducted surveillance. The vehicle began to move and was followed by Violent Crimes until it came to a stop within the 1200 block of Bell Road. After a short foot pursuit 3 suspects were taken into custody and transported to HQ for an interview.
- An ALPR hit was received at Gallatin Pike and Trinity Ln for a stolen vehicle. The tag came back to a 2002 Black Saturn Vue, but the plate was on a Red Toyota Echo. BOLO was aired on East. Street cameras in the area showed the vehicle turning onto Litton Ave which was relayed over the air. As result of the BOLO, East officers searched the area and located the vehicle. The vehicle was followed to a residence where the driver went inside. Patrol officers ran the VIN to the red Toyota Echo, but it did not come back stolen. Patrol officers recovered the license plate.

- An ALPR hit was received at Trinity Ln and Dickerson Pike for a vehicle that was taken during a robbery. BOLO was aired for an additional ALPR hit at Trinity and Gallatin. Officers in the area spotted the vehicle initially before it turned off Gallatin. A short time later officers observed the vehicle within the 2600 block of Gallatin Pike. A male suspect was observed pumping gas at the location and fled on foot when police arrived. He was taken into custody a short time later. There was also a female suspect that was with the vehicle, and she too was taken into custody. The initial vehicle theft report identified a white female as one of the suspects that took the vehicle. Both suspects were charged accordingly.
- An ALPR hit was received at W. Trinity Ln and Brick Church Pike for a stolen vehicle. BOLO was aired over North, and officers began searching for the vehicle. The vehicle was spotted by officers within the 2300 block of Brick Church Pike and a traffic stop was conducted. The suspect was taken into custody and charged with Motor Vehicle Theft.
- On 4/12/23, several hit notifications were received about a stolen Honda Accord that was taken in a robbery. This license plate was displayed on a silver Chrysler 200. Images of the vehicle were sent to East CFIT Detectives and Violent Crime Division (VCD). While searching for the vehicle, the East CFIT ALPR hit on this license plate driving on Dickerson Pike. East CFIT coordinated with VCD and Aviation, to conduct surveillance and follow the vehicle to a stop. With air support, covert detectives followed the vehicle to Creekwood Drive where they deployed spike strips and successfully placed three subjects into custody. The Chrysler 200 this license plate was displayed on was stolen out of Old Hickory. The occupants of the vehicle were interviewed in relation to multiple robberies and motor vehicle thefts.
- An ALPR hit notification at Moorman's Arm and Whites Creek Pike. BOLO was aired over North air. Officers in the area located the vehicle a short time later driving on W Trinity Lane. The vehicle turned onto Monticello Dr. and continued to turn onto Avondale Cir. where officers initiated a traffic stop. The driver was taken into custody without incident.
- An ALPR hit was received at Gallatin Pike and Briley Pkwy for a stolen vehicle. BOLO aired on East Air. The vehicle previously hit at Gallatin Pike and Trinity Ln multiple times over the past few days. East CFIT Detectives began searching the area for the stolen vehicle. The vehicle was found occupied and parked in the 600 block of Gallatin Pike. The suspect exited the vehicle and was taken into custody without incident. The suspect was charged with Motor Vehicle Theft.
- VCD Detective was travelling along 3rd Avenue when he received a mobile ALPR hit notification on an unoccupied parked vehicle. VCD detectives set up surveillance and watched the vehicle for a short time before recovering it.
- An ALPR hit for a stolen vehicle at the entrance of 100 Oaks Mall at Thompson Ln was received. A BOLO was aired on Midtown for the stolen vehicle. The tag the ALPR hit on comes back to a Gray Charger that was rented and not returned, however the tag was on an older model Black Toyota Solara. Midtown units in the area located the vehicle parked an occupied. After a short observation, officers approached and placed the driver in custody. Officers ran the VIN for the Toyota Solara and it was not reported stolen. The tag was removed from the vehicle and was recovered. The location of the Gray Charger the tag was registered is currently unknown. There was a handgun found in plain view of the driver's seat. The serial number was checked, and the gun did come back as stolen. A search of the suspect revealed a small number of narcotics.