

JONESBORO POLICE DEPARTMENT

Todd O. Coyt – Chief of Police



To: Mayor and City Council
From: Assistant Chief Dunlap
Date: December 20, 2024
Ref: Electric Vehicle Update

Greetings, Madam Mayor and City Council. On Monday, December 16, 2024, I was asked to provide additional feedback on electric vehicles for police use. Several agencies within the state of Georgia have purchased electric vehicles for their police fleet (i.e. Brookhaven, Georgia Tech, Avondale Estates) most of which are the Mustang Mach-E (see attachments). The Mach-E is used administratively for Chiefs, investigators and administrative personnel. I was advised that the maintenance on this vehicle is low and only requires tire rotation and windshield fluid every ten-thousand miles. Avondale Estates utilizes level two charging stations, and a vehicle could be charged in approximately seven hours. In my findings, a level two charging station could be purchased and installed for as low as eleven thousand dollars. Another option is to set up a charging station at the home of an employee with an approximate utility bill ranging from \$400-\$800 dollars monthly. Technology has advanced and electric vehicles are more efficient and cleaner for the environment with lower cost to operate per mile. It is recommended that the F-150 Super Crew Lightning will be a more effective choice for patrol units. Although many agencies are still in the testing phase for the Ford Lightning, this vehicle can handle the installation of all emergency equipment and caging that is required for a marked patrol vehicle. An area of concern can be the time the vehicle will be out of service for charging and the limited travel distance range. These areas could be addressed by not utilizing the vehicle in the take-home vehicle program and limiting the travel distance parameters for training.

In conclusion, electric vehicles support the six pillars of 21st century policing by embracing new technology. Many police agencies are invested in playing their part in keeping a safer, cleaner and greener environment. The Ford F-150 Lightning and EV Interceptor could be assets for the City of Jonesboro and a statement that we are also onboard!

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