



SAN MATEO COUNTY SHERIFF'S OFFICE
A TRADITION OF SERVICE SINCE 1856

NEWS RELEASE

Incident Date: June 29, 2021

SHERIFF'S OFFICE HYBRID PATROL VEHICLE

Summary:

We're excited about the arrival of our brand new 2021 Ford Explorer Hybrid patrol vehicle. This vehicle purchase was made possible in partnership with a grant obtained by the San Mateo County Office of Sustainability. Going forward, all our new general-purpose patrol vehicles will be hybrid which means a greener, eco-friendlier, and sustainable future.

The addition of a fuel-efficient gas-electric hybrid vehicle has a 3-liter six-cylinder engine and 1.4-kilowatt lithium-ion battery. The hybrid patrol vehicle uses both the electric motor and the gas engine for maximum performance.

"By committing to purchase hybrid patrol vehicles, the Sheriff's Office is taking a big step to reduce greenhouse gas emissions," said Carolyn Bloede, director of the County of San Mateo's Office of Sustainability. "This partnership is a fantastic start towards achieving carbon neutrality in County operations and can be used as a model to advance the adoption of low and zero-emission vehicles across County vehicle fleets."

Patrol cars engines idle between calls-for-service, it is estimated that the County will save \$3,500 dollars per year due to reduced engine idle times. The gas engine will shut off at idle with the battery handling the electrical load for lights, radios, and other electronic components in the vehicle. It will reset and recharge the battery.

"As public servants we are the stewards of taxpayers' dollars the benefit of moving our patrol fleet to a hybrid model will allow our County to be green while reducing expenditure on fuel costs." – Sheriff Carlos G. Bolanos

Release Date: 06/29/2021

