




MEMORANDUM

Date: December 3, 2020

To: The Honorable Chairman and Members
Pima County Board of Supervisors

From: C.H. Huckelberry
County Administrator 

Supervisors Elect
Pima County Board of Supervisors

Re: **Fleet Saving by the Purchase of Hybrid Patrol Vehicles**

Sometime ago, a decision was made by the Fleet Services, in consultation with the Sheriff, to convert all of the Sheriff's patrol vehicles to hybrid vehicles. Based on existing data this will be a substantial cost effective decision.

Our existing fleet of patrol vehicles gets on average 11.22 miles per gallon or a cost of \$0.157 per mile. We also have a number of 4X4 patrol vehicles that get 10.049 miles per gallon or an average cost of \$0.176 per mile. The 24 recently purchased patrol hybrid vehicles get on average 17.668 miles per gallon and an average cost per mile of \$0.100. Therefore, the 371 non-hybrid vehicles in the Sheriff's patrol fleet get on average 11.285 miles per gallon at an average cost of \$0.156. By continuing to convert to hybrid vehicles, the cost per mile will be reduced over 50 percent.

CHH/sp

c: Jan Leshar, Chief Deputy County Administrator
Ray Ochotorena, Director, Fleet Services Department