



APD FLEET STATUS

CAPTAIN JOSH NOLDER

SOURCES: MOA FLEET, APD RESOURCE STUDY 2022, PFE 2023

SUMMARY

- APD HAS ROUGHLY 595 VEHICLES
- 16% HAVE OVER 150,000 MILES
- 47% OVER 100,000 MILES
- 56% OVER 10 YEARS OLD
- 5% OVER 20 YEARS OLD
- WEAR AND TEAR INCLUDING IDLE TIME IS MUCH HIGHER
 - EXAMPLE: A 2014 INTERCEPTOR WITH 109,211 MILES ON THE ODOMETER, AND 7194 IDLE HOURS HAS THE EQUIVALENT OF 325,031 MILES OF USE
- WAIT TIMES ARE INCREASING DUE TO OFFICERS NOT BEING ABLE TO FIND VEHICLES TO DRIVE
- SAFETY CONCERNS OF HIGH MILEAGE, EXTREME WEAR, EXPOSED METAL ON SEATS, INOPERATIVE HEATING SYSTEMS AND BREAKDOWNS EN ROUTE TO EMERGENCY CALLS INCLUDING MEDIC ASSISTS
- APD NEEDS AT MINIMUM 4 MILLION IN NEW VEHICLES PURCHASED YEARLY, OR ROUGHLY 57 VEHICLES TO MAINTAIN 10 YEARS AND 100,000 MILES
- SITUATION CREATED 15 YEARS AGO, MOA HAD APPROX. 4.6 MILLION, THEN REDUCED TO 2.3 MILLION

INDUSTRY STANDARD

-10 YEARS OR 100,000 MILES. MEANING EVERY YEAR ROUGHLY 10% OF THE FLEET IS REPLACED.

-VARIES, BUT FREQUENTLY LESS (6 YEARS OR 80,000 MILES OR IN THE CASE OF AST 4-5 YEARS)

-FIFTEEN YEARS AGO, THIS WAS TRUE FOR THE APD FLEET (10 YEARS AND 120,000 MILES ACTUALLY)

-VEHICLES WERE AUCTIONED ONCE DEADLINED AND THEN RECOUPED MONEY FOR MOA FLEET

-NO SUCH STANDARD CURRENTLY EXISTS DUE TO CUT TO MOA FLEET

-RESULTING IN MAINTENANCE COSTS BECOMING MORE THAN THE COST OF REPLACEMENT AS VEHICLES AGE, WE ARE SPENDING MORE TO REPAIR AND MAINTAIN VEHICLES THAN WHAT THEY ORIGINALLY COST OR WOULD COST TO REPLACE

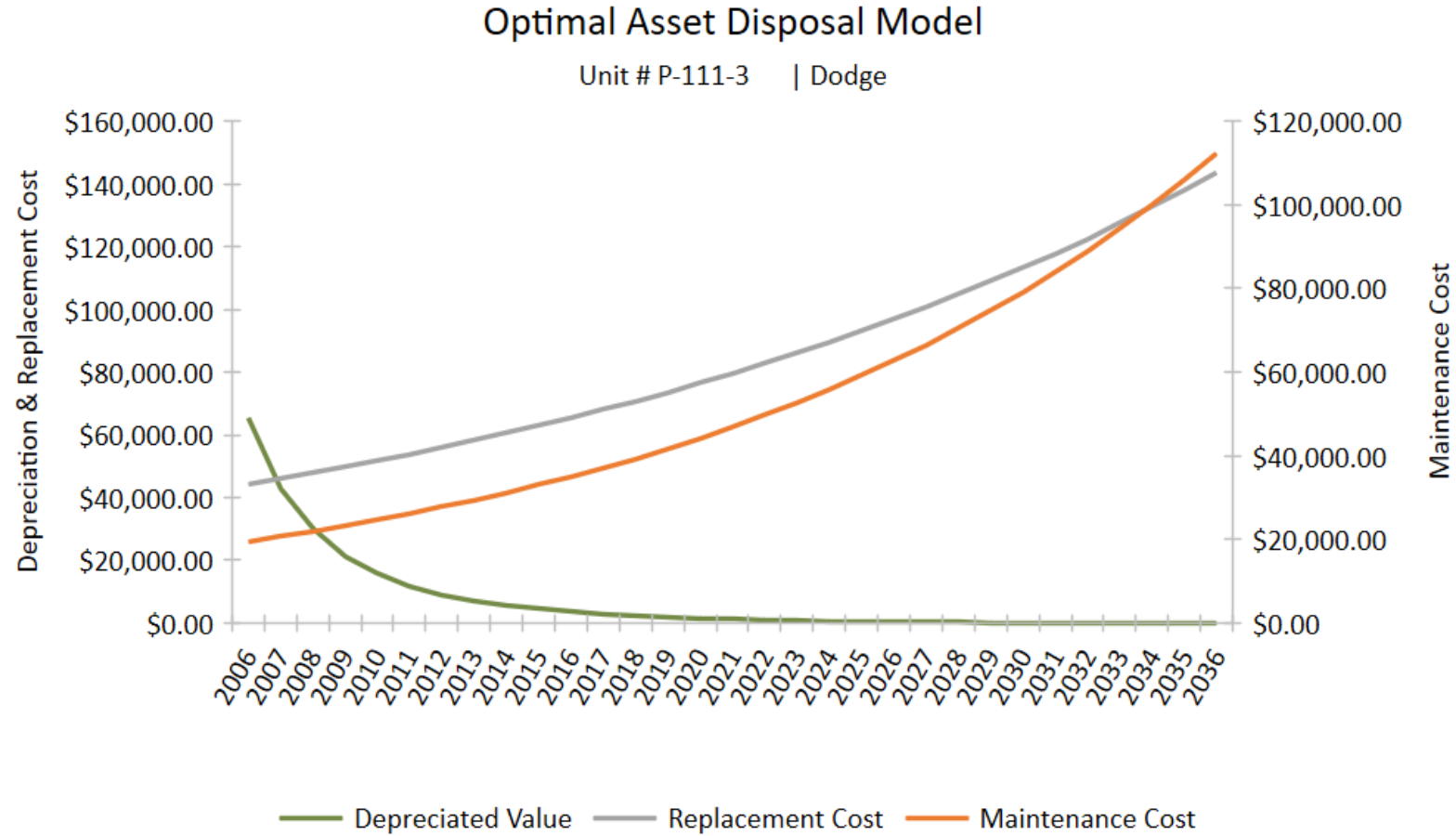
MAINTENANCE COSTS

COST OF 2009 IMPALA: \$26,986

COST OF 2012 IMPALA: \$32,500

<u>Unit</u>	<u>Hrs</u>	<u>Labor</u>	<u>Parts</u>	<u>Comm</u>	<u>Fuel</u>	<u>Maint</u>	<u>Usage</u>
35909	576	37,400.00	23,448.77	2,028.91	47,301.21	62,877.68	242,701
35979	419	26,973.50	17,158.90	1,585.36	46,539.94	45,717.76	217,995
35972	358	23,133.50	14,263.18	1,061.70	40,423.39	37,719.98	216,655
350029	549	35,550.75	25,846.60	3,865.86	49,407.46	65,263.21	216,431
350259	533	34,519.75	20,041.44	2,098.94	48,063.94	55,993.88	209,911
350419	644	41,811.00	34,920.00	3,658.69	46,778.34	79,804.69	204,348

REPLACEMENT VS. MAINTENANCE



RESULTS

- MORE FLEET STAFF REQUIRED TO REPAIR/MAINTAIN OLDER VEHICLES
- OLDER VEHICLES ARE LESS FUEL EFFICIENT RESULTING IN MORE FUEL BEING USED
- VEHICLES BECOME UNSAFE AND RISK OFFICER AND PUBLIC'S SAFETY
- RESPONSE TIMES INCREASE DUE TO VEHICLE FAILURES AND OFFICERS OFF THE STREET
- APD VEHICLES ARE NOW SITTING, WAITING TO BE REPAIRED, PLACING MORE STRAIN ON THE REMAINING VEHICLES
- WEAR ON THE REMAINING FLEET IS ACCELERATING AS DOZENS OF DOWNED VEHICLES WAIT TO BE REPAIRED
- SPENDING MORE TO MAINTAIN A FLEET WELL BEYOND IT'S USABLE AND SAFE LIFESPAN THAN TO PURCHASE NEW VEHICLES