OLMSTED TOWNSHIP POLICE DEPARTMENT

Patrol Vehicle Presentation



Patrol Vehicle Logistics

- The department currently has five (5) operational <u>patrol vehicles</u> in inventory; unit #5718 has been recently retired.
- All but the three Ford utility SUV's (purchased last year) have mileage between 105,000 140,000 miles.
- Approximately 2,000 patrol miles are accrued every week. That equates 104,000 miles per year and approximately 17,000-20,000 miles per patrol vehicle (maintenance is

Patrol Vehicle Comparison

FORD SEDAN





Michigan State Police Police Police Vehicle Evaluation Program



Patrol vehicle comparison similarities

FORD SEDAN

- AWD
- 3.7 LITER ENGINE
- WHEEL SIZE: 18"
- PURSUIT RATED
 - Handling, suspension, and engine enhancements.
- Braking characteristics

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VEHICLE DYNAMICS

Emergency Response Handling

FORD SEDAN

FORD SUV UTILITY

1.37



1.40



ACCELERATION & TOP SPEED TESTING

FORD SEDAN

- 7.48 seconds
- Top Speed: 131mph



- 8.02 seconds
- Top Speed: 132 mph



BRAKING TEST

FORD SEDAN

136.7 feet

FORD SUV UTILITY

134.2





ERGONOMICS

FORD SEDAN

- Front seat: 6.2
- Rear seat: 4.6
- Visibility: 7.5
- Rear window: 5.2



- Front seat: 8.5
- Rear seat: 7.3
- Visibility: 8.4
- Rear window: 6.1



FUEL ECONOMY

FORD SEDAN

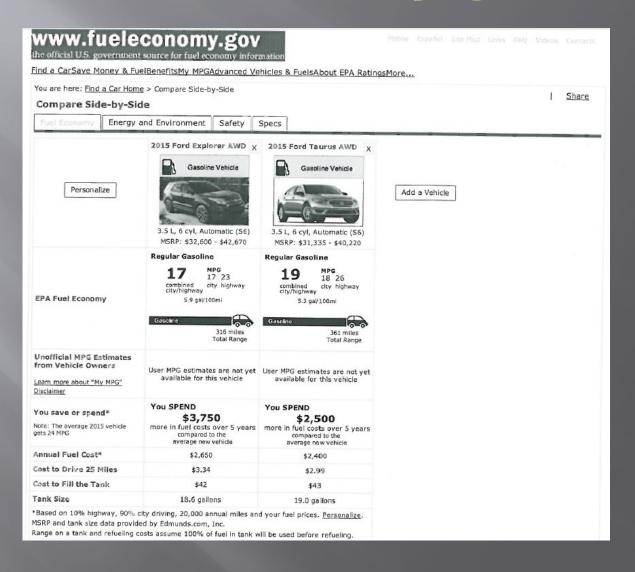
18 city / 25 highway21 miles to gallonoverall

POLIAF INTEREEPTOR FORD SUV UTILITY

 16 city / 21 highway
 18 miles to gallon overall



Fueleconomy.gov



Comparison of Cost

(For two vehicles)

FORD SEDAN

- Purchase Price = \$55,343.88
- Equipment = \$9,649.14
- Labor / Installation = \$3,206.98
- Graphics = \$1,100.00
- Total Package = \$69,300

- Purchase Price = \$56,423.88
- Equipment = \$11,561.14
- Labor / Installation = \$3,346.98
- Graphics = \$1,160.00
- Total Package = \$72,492
- Difference of

Multi-functional

- · Patrol vehicle is a "Rolling Office"
- · Patrol vehicle provides cover and concealment for officers.
- Patrol vehicle acts as on scene interview room.
- Patrol vehicle is a symbol for the police agency and community.









Endorsement of the SUV Utility

- Better braking distance
- Larger rear cargo area
- Ergonomically better
 - Driver's cockpit area
 - Rear seat more room for public
- Ground clearance for abnormal terrain
- "Best bang for the buck."