

cityofnovi.org

CITY of NOVI CITY COUNCIL

Agenda Item 3 September 24, 2012

SUBJECT: Approval to purchase ten (10) replacement marked patrol vehicles from Shaheen Chevrolet, Lansing, MI for the Novi Police Department in the amount for \$273,190 through the State of Michigan MiDeal cooperative purchasing contract.

SUBMITTING DEPARTMENT: Public Safety - Police *[Signature]*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$273,190
AMOUNT BUDGETED	\$273,800
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-301.00-983.000 (\$114,800 Capital Outlay - Vehicles) 266-266.00-983.000 (\$159,000 Capital Outlay - Vehicles)

BACKGROUND INFORMATION:

As part of the 2012-13 Budget, General Funds and Federal Forfeiture Funds were approved to purchase ten (10) replacement vehicles. The replacement vehicles consist of eight (8) marked patrol vehicles, one (1) marked K-9 vehicle, and one (1) marked SUV used for traffic enforcement. The current contract requires that patrol vehicles be removed from emergency service at 80,000 miles. The replacements will be for older vehicles in the fleet that have reached the 80,000 mile threshold.

This request includes the purchase of eight (8) marked patrol vehicles. Since 1996, the Novi Police Department has been purchasing the Ford Crown Victoria Police Interceptors which has been the most widely used patrol vehicle in law enforcement. In April 2011, Ford stopped taking orders for their police package vehicles. Throughout 2011 the Department took the opportunity to analyze available police package vehicles to determine which would be the best fit for the Novi Police Department. Officers were provided numerous opportunities to inspect and drive the Chevrolet Caprice, the Ford Police Interceptor, and the Dodge Charger. In addition, information provided by the Department the Michigan State Police (MSP) during its yearly evaluations of police vehicles was reviewed. Based upon the MSP review and input from officers, it is believed that the Caprice provides us the best opportunity to deploy a comfortable, cost efficient and effective marked patrol unit.

The replacement of the K-9 marked vehicle is also scheduled for FY 2012-13. The use of a sedan as a K-9 car is limiting. The sedan does not afford enough space to partition the rear seat to allow the K-9 officers to transport prisoners. The Chevrolet Tahoe 2WD affords that option, relieving the need to have a second officer on scene for prisoner transport.

In addition, the Department evaluated the Chevrolet Tahoe and Ford Expedition as the replacement vehicle for the SUV marked patrol vehicle which is utilized for traffic enforcement. This vehicle is equipped with the weigh master scales and associated equipment. Since 2002 the Department has deployed two (2) full-sized four wheel drive SUV's in the patrol fleet. Both the Tahoe and Expedition has been used. Based upon the history of both vehicles in the fleet, the Chevrolet Tahoe 4WD is the vehicle of choice both in terms of cost and better vehicle handling.

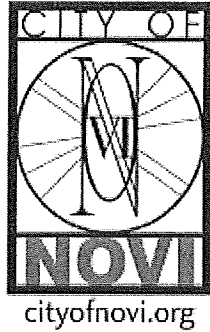
The purchase will be made through the State of Michigan MiDeal cooperative purchasing contract. The order cut-off date is September 30, 2012. The Caprice is built in Australia. The anticipated delivery date from time of the order to the time of delivery is four (4) to six (6) months. Upon removal from service and depending on the condition of the vehicle at the time, vehicles will either be designed as a pool car, absorbed by other departments within the City or placed on the MITN surplus auction.

RECOMMENDED ACTION: Approval to purchase ten (10) replacement marked patrol vehicles from Shaheen Chevrolet, Lansing, MI for the Novi Police Department in the amount for \$273,190 through the State of Michigan MiDeal cooperative purchasing contract.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Wrobel				

MEMORANDUM



TO: DAVID E. MOLLOY, CHIEF OF POLICE

FROM: RICHARD MITCHELL *RM*
COMMUNICATIONS MANAGER

SUBJECT: VEHICLE PURCHASE - FY2012/2013

DATE: SEPTEMBER 13, 2012

During the budget meetings for fiscal year 2012/2013, the Novi City Council approved the purchase of nine police cars and one police SUV. A comprehensive research project was initiated to determine which of the available police packages would be most suitable for the Novi Police Department. The research included "ride and drive" opportunities for the intended user of these vehicles. The results pointed to the Chevrolet Caprice police interceptor as the most suitable standard duty patrol vehicle and the Chevrolet Tahoe as the most suitable SUV for police service.

As you may recall, the Caprice is a vehicle built specifically for police service and is not available to the public. Additionally, the Caprice is only built in Australia. Consequently, the anticipated delivery date from the time of the order is four to six months. Therefore, in anticipating our vehicle needs for this fiscal year, we necessarily extrapolate the mileage until December 2013. This allows us to have cars available as older fleet vehicles deadline and need to be replaced during the first six months of the next budget cycle.

The research also suggested that using a sedan as a K-9 car is limiting. The sedan does not afford enough space to partition the rear seat to allow the K-9 officer to transport his own prisoners. The Chevrolet Tahoe 2WD affords that option, relieving the need to have a second officer on scene for prisoner transport. This would also provide a cost saving for the overall vehicle purchase.

Using MiDEAL state purchasing cooperative bidding, the Chevrolets are available through Shaheen Chevrolet, Lansing, Michigan.

State pricing for the vehicles, with the options necessary for our fleet operations are listed below:

Novi Police Department 2012-13 Vehicle Replacement			
	Qty	Unit Price	Total
Caprice	8	\$ 27,287	\$ 218,296
Tahoe 2WD	1	\$ 25,937	\$ 25,937
Tahoe 4WD	1	\$ 28,957	\$ 28,957
Total			\$ 273,190

Shaheen Chevrolet

**632 American Rd.
Lansing, MI. 48910**

*City of Novi Police Dept.
ATTN: Rick Mitchell
45125 Ten Mile Rd.
Novi, MI. 48375*

Rick Mitchell,

Price on 2013 Police vehicle from the MIDEAL state purchasing contract is as follows;

2013 Chevrolet Caprice police patrol vehicle:
Base price \$25,604.00 per unit
Selected options \$1,683.00 per unit
TOTAL \$27,287.00 per unit

ORDER CUT-OFF DATE: September 30, 2012

*Joseph R. Tamburino
Government Sales
Direct# 517-272-6500
Fax# 517-272-6563
Email jtamburino@shaheenchevrolet.com*

Shaheen Chevrolet
632 American Rd.
Lansing, MI. 48910

City of Novi Police Dept.
ATTN: Rick Mitchell
45125 Ten Mile Rd.
Novi, MI. 48375

Sept. 12, 2012

Rick Mitchell,

Price on 2013 Police vehicle from the MIDEAL state purchasing contract is as follows;

2013 Chevrolet Tahoe 2wd pursuit police patrol vehicle:

Base price	\$25,345.00 per unit
Selected options	\$592.00 per unit
TOTAL	\$25,937.00 per unit

2013 Chevrolet Tahoe 4wd selective service

Base price	\$28,541.00 per unit
Selected options	\$541.00 per unit
TOTAL	\$28,957.00 per unit

ORDER CUT-OFF DATE: September 30, 2012

Joseph R. Tamburino
Government Sales
Direct# 517-272-6500
Fax# 517-272-6563
Email jtamburino@shaheenchevrolet.com

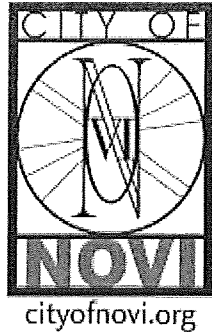
PATROL VEHICLES

Spec. #	Make	Model	W.B.	Eng. (L)	Eng. CYL.	H.P.	MPG (Comb.)	Pt. of Assem.	Dealer Awarded	MiDEAL Price (Dest.)	Deliv. Fee / mile (\$2 max)	Exceptions to Spec.	Confirmation Sheets
3905-0009A	Police, Large, 4-Door Sedan, Front Wheel Drive												
	Chevrolet	Impala	110.5	3.9	6	230	20	Oshawa	Shaheen	\$ 19,867.00	\$ 1.50	police rated see GM specs	Confirmation Sheet
3905-0009B	Police, Large, 4-Door Sedan, Front Wheel Drive												
	Ford	Police Interceptor Sedan	112.9	3.5	6	280+	TBD	Illinois		\$ 22,325.00	\$ 2.00		Confirmation Sheets
3905-0010A	Police, Large, 4-Door Sedan, Rear Wheel Drive (CVPI) or FWD/AWD (NGPI)												
	Ford	Police Interceptor (E-85)	114.7	4.6	8	250	17	Canada	Gorno	\$ 20,683.00	2		
	Ford	Police Interceptor Sedan	112.9	3.5	6	280+	TBD	Illinois	Gorno	\$ 23,565.00	\$ 2.00		
3905-0010B	Police, Large, 4-Door Sedan, Rear Wheel Drive (CVPI) or FWD/AWD (NGPI)												
	Ford	Police Interceptor Sedan- Turbo C	112.9	3.5	6	280+	TBD	Illinois	Gorno	\$ 27,295.00	\$ 2.00		Confirmation Sheet
3905-0011	Police, Large, Rear Wheel Drive												
	Dodge	Charger LDDE48	120	3.6	6	290	22	Brampton, Ontario	Snehtkamp	\$ 21,303.00	\$ 2.00	Body Side Moulding N/A ; Standard radio speakers only	Confirmation Sheet
	Dodge	Charger LDDE48 (E85)	120	3.6	6	290	22	Brampton, Ontario	Snehtkamp	\$ 21,303.00	\$ 2.00	Body Side Moulding N/A ; Standard radio speakers only	Confirmation Sheet
	Dodge	Charger LDDE48	120	5.7	8	383	19	Brampton, Ontario	Snehtkamp	\$ 22,598.00	\$ 2.00	Body Side Moulding N/A ; Standard radio speakers only	Confirmation Sheet
3905-0012	Police, Large, Rear Wheel Drive												
	Chevrolet	Caprice (E-85 Capable)	118.5	6.0	8	355	TBD	Australia	Shaheen	\$ 25,604.00	\$ 1.50	not available until april	Confirmation Sheet
3905-0013A	Police, Pursuit, Large, 4-Door Sport Utility, 2-Wheel Drive												
	Chevrolet	Police Tahoe (E-85) PPV	116	5.3	8	320	17	Arlington, TX	Shaheen	\$ 25,345.00	\$ 2.00	Police rated see GM specs	Confirmation Sheet
	NO BID	Ford	NGPI Utility	112.9	3.5	6	265	TBD	Illinois	0			
3905-0013B	Police, Pursuit, Large, 4-Door Sport Utility, 2-Wheel Drive												
	Ford	Police Interceptor Utility	112.6	3.7	6	300	TBD	Illinois	Gorno	\$ 24,165.00	\$ 2.00		
3905-0014A	Police, Special Services Vehicle, Large, 4-Door Sport Utility, Alt. Fuel, 2-Wheel Drive												
(Not pursuit-rated)	Chevrolet	Police Tahoe SSV (E-85)	116	5.3	8	320	17	Arlington, TX	Shaheen	\$26,878.00	\$2.00		Non police rated see specs
	Ford	Expedition (E-85)	119	5.4L	8	310	16	Kentucky	Gorno	\$23,645.00	\$2.00		
3905-0015A	Police, Special Services Vehicle, Large, 4-Door Sport Utility, Alt. Fuel, 4-Wheel Drive												
(Not pursuit-rated)	Chevrolet	Police Tahoe SSV (E-85)	116	5.3	8	320	17	Arlington, TX	Shaheen	\$28,541.00	\$2.00		Non police rated see specs
	Ford	Expedition (E-85)	119	5.4L	8	310	14	Kentucky	Gorno	\$26,207.00	\$2.00		
3905-0016	Police, Pursuit, Large, 4-Door Sport Utility, All-Wheel Drive												
	Ford	Police Interceptor Utility	112.6	3.7	6	300	TBD	Illinois	Gorno	\$ 25,285.00	\$ 2.00		Confirmation Sheet



Dealership	Contact Name	Location	Phone Number
Garber Chevrolet	Brian Strong	Midland, MI	(989) 839-8980
Gorno Ford	Jim Agney	Woodhaven, MI	(734) 671-4033
LaFontaine Auto Group	Curtis Remsing	Highland, MI	(248) 714-1037
Red Holman Buick GMC	Albert Li	Westland, MI	(734) 713-1065
* Shaheen Chevrolet	Joe Tambarino	Lansing, MI	(517) 272-6500
Owosso Motors/Signature Ford	Bill Campbell	Owosso, MI	(888) 923-5338 ext. 226
Bill Snethkamp's Lansing, Inc.	Tony Sasso	Lansing, MI	(517) 394-1022
Thelen Chrysler Dodge Jeep	Darwin Eldred	Bay City, MI	(800) 521-1091
Tri-County International Trucks, Inc.	Scott Fracalossi	Dearborn, MI	(586) 222-2940

MEMORANDUM



TO: DAVID E. MOLLOY,
DIRECTOR OF PUBLIC SAFETY/CHIEF OF POLICE

FROM: THOMAS C. LINDBERG, DEPUTY CHIEF OF POLICE

SUBJECT: SPORT UTILITY VEHICLE - PATROL

DATE: MARCH 19, 2012

Since the model year 2002 the Novi Police Department has deployed two (2) full-sized, four wheel drive Sport Utility Vehicles (SUV) in the patrol fleet. These first vehicles were Chevrolet Tahoe models that not only provided more interior room for essential equipment but also provided a four wheel drive option for inclement weather and when staff had to leave the roadway. One of these SUV's has been assigned to the Traffic Officers for transporting Commercial Motor Vehicle (CMV) scales and the other to the on-duty supervisor(s) in order to carry additional equipment that may be needed during critical incidents. The Chevrolet continued to be purchased until the model year 2009 when they were replaced by Ford, Expeditions. This change was a direct result in a price increase for the Chevrolet that caused them to cost more than \$3,000 over the Ford.

For the model year 2012, Chevrolet initiated a price adjustment for the Tahoe and their cost is now comparable to the Ford.

Chevrolet Tahoe 4WD

Base \$30,964.00

Ford Expedition 4WD

Base \$31,010.00

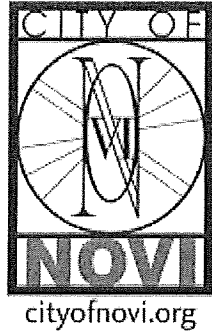
The Ford Expedition is not a speed rated "Police" vehicle and therefore was not evaluated by Michigan State Police or Los Angeles County Sheriff's Department. The Chevrolet two wheel drive is speed rated however; the four wheel drive is not. The two wheel drive was the only one of these vehicles tested.

The Chevrolet is a smaller SUV than the Ford but still provides the interior cargo room necessary for patrol deployment. Additionally, the gas mileage is rated at 15mpg city and 21mpg highway. The Ford is rated at 14mpg city and 20mpg highway. Chevrolet also provides a 100,000 mile power train warranty while Ford continues \$80,000.

In 2009 a truck vault was purchased to place into the rear of the supervisor's Expedition at the cost of \$2,500. This vault will not fit into the rear of the Tahoe however; there may be an opportunity to repurpose this into a Fire Department Recue unit.

It is recommended the Novi Police Department purchase Chevrolet Tahoes to replace the Ford Expeditions when those vehicles go out of service. Chevrolet is a smaller vehicle with better gas mileage and with a smaller wheel base is a better handling vehicle. The cost is lower than Ford and with the higher mileage warranty makes it a better value that will allow the costs of a new truck vault to be recouped in relatively short order.

MEMORANDUM



TO: DAVID E. MOLLOY,
DIRECTOR OF PUBLIC SAFETY/CHIEF OF POLICE

FROM: THOMAS C. LINDBERG, DEPUTY CHIEF OF POLICE

SUBJECT: PATROL VEHICLE REPLACEMENT - 2012

DATE: FEBRUARY 3, 2012

The Ford Crown Victoria Police Interceptor has been the most widely used patrol vehicle in law enforcement since 1996 when Chevrolet discontinued production of their Caprice Police package. There are nearly 75,000 police vehicles purchased in the United States each year and nearly 85% have been Ford Crown Victorias since Chevrolet left the market. The Novi Police Department has been purchasing the Fords since 1996.

In April 2011, Ford stopped taking orders for their police package vehicles and had it replaced with a version of the Ford Taurus (Ford Police Interceptor). With this change, along with the fact Dodge and Chevrolet have recently reentered the law enforcement market, we took the opportunity to analyze available police package vehicles to determine which would be the best fit for the Novi Police Department.

The three police package vehicles available for the 2012 model year are:

1. Chevrolet Caprice
2. Ford Police Interceptor
3. Dodge Charger

*Ford and Dodge offer other police packages in mid-size vehicles; however they were not part of this analysis due to overwhelming desire to maintain a patrol vehicle that is full-size. This is a result of the amount of equipment needed inside the passenger compartment of a marked Novi patrol unit; comfort needed for officers during a twelve hour shift, safety features deploying a full-sized vehicle and the negligible difference in fuel efficiency.

During the 2011 calendar year the Department provided numerous opportunities to have sworn staff inspect and test drive each vehicle. This included two different police expos at Suburban Collection Showplace, an expo at the Lansing Expo Center sponsored by the Michigan Sheriff's Association and sales representatives being at each of the Michigan Association of Chiefs of Police conferences held in the winter and summer. Additionally, Dana Hammer, the Manager of Law Enforcement Vehicles for General Motors lives in Novi. Dana and his design team brought the Chevrolet Caprice to our department for several hours allowing sworn staff to drive and inspect same. On another occasion he left a Caprice with us for three days allowing all sworn staff the opportunity to drive and evaluate it. The engineering team leader for the Ford Police Vehicle design team also lives in our city and on two separate occasions he brought the Ford Interceptor to the station allowing officers to drive it. Additionally, he was in our building and met with two staff members who are left handed to consult them on seating issues unique to left handed officers who carry their gun on that side of their body.

In 2011 the Novi Police Department purchased a Dodge Charger and assigned it to the Lieutenants. This afforded staff the opportunity to evaluate this vehicle as a marked patrol unit on a longer term basis.

The Michigan State Police (MSP) and the Los Angeles County Sheriff's Department are the two organizations throughout the country which have the resources and staff to conduct yearly evaluations of police vehicles. Their findings were evaluated and provided insight into the decision that will be reflected in our findings. All three of the automakers consult both these departments in the design phase of their product. It should be understood there is a difference in the needs of different departments. For example, MSP does a majority of their driving on the highways whereas a jurisdiction such as Novi will experience mostly city driving type conditions. This factor can affect the personal preferences of an individual officer.

As mentioned at the beginning of this document the recommended vehicle for the Novi Police Department is the Chevrolet Caprice. The following information is relating to the positives and negatives to each vehicle along with data from the MSP evaluations.

Chevrolet Caprice:

Positives:

- 112 cubic feet passenger compartment (8 more than Ford – 7 more than Dodge)
- 100,000 mile power train warranty
- Auxiliary battery option charging system
- Trunk space 17.4 cubic feet
- Outperformed others in acceleration, braking and steering
- 38' turning radius – smaller than all others
- Largest leg room footage
- Largest ground clearance of three
- 17 mpg city
- Rear wheel drive
- Less blind spot area
- Current protective screens transferable with adjustments
- Seats designed to accommodate gun belts and equipment
- Rear vinyl seat
- Engine idle and hour meter

Negatives:

- Center floor sport shift
- Smaller exterior dimensions
- Unit price \$2,500 more than Charger V6, equal in price to the Ford

Dodge Charger:

Positives:

- 19 mpg city
- Highest high end speed
- Largest wheel base improving comfort of ride
- Lowest unit price (without V8 HEMI) – No current equipment transferable
- Most appealing exterior design to officers
- Largest width of front passenger compartment

Negatives:

- Extreme blind spots over both shoulders
- 105 interior cubic feet
- Brake and front end maintenance issues
- Poor acceleration – V6
- Poor control in snow conditions
- Smallest rear passenger cubic feet
- 80,000 mile power train warranty
- Poorest rear seat accessibility
- No factory auxiliary battery available

Ford Interceptor:

Positives:

- Best design for accepting police after-market equipment. Conduit in place, cut outs to receive radar, video equipment and shelving in trunk for modems etc...
- Largest exterior dimensions adding space for impact
- Elevated ceiling for additional space for front passengers
- Best front windshield visibility
- Heat/AC vent placement for complete coverage under all conditions
- Engine idle and hour meter
- Mechanics familiar with Ford products

Negatives:

- Only available in AWD or front wheel drive
- Poor dashboard design and rap around limiting available space
- Largest turning radius of all police packages
- No factory auxiliary battery available
- 80,000 mile power train warranty
- 15 mpg city

Pricing:

(Lowest state bid specs)

Chevrolet Caprice 9C1	\$26,544
Dodge Charger	\$23,859 V6 or \$26,456 (police package 1)
Ford Interceptor	\$26,632 (AWD)

As mentioned above, most Novi officers had the opportunity to inspect the Chevrolet Caprice, Dodge Charger and Ford Interceptor police packages. There is extreme support for the Chevrolet Caprice to be the marked patrol unit for the Novi Police Department. Officers were at first reluctant as the Caprice has the smallest exterior dimensions of the three and appears to be a mid-size vehicle along with having a floor mounted center sport shift. Once they were able to sit inside the vehicle and observe the larger passenger compartment those concerns were alleviated. Not any one vehicle will satisfy every driver however; it is believed the Caprice provides us the best opportunity to deploy a comfortable, cost efficient and effective marked patrol unit.

Consideration should also be given to the fact Chevrolet offers a 100,000 mile power train warranty which is recommended by the recent ICMA report. If we are successful in agreeing to terms with POLC to extend the miles we will be able to keep these vehicles in service several more months. In the event we are not able to reach an agreement we will still have a vehicle to resell that has 20,000 mile left on the warranty which will increase the value.

Please contact me with any question on this matter.



Shown with aftermarket equipment



TAHOE POLICE PATROL VEHICLE

As law enforcement needs have evolved in the wake of homeland security issues, Chevrolet Tahoe has become the solution of choice for many first responders, including K9, tactical, and other special applications. But the Tahoe PPV is also ideal for patrol and high speed activity, offering an unprecedented combination of performance, utility, safety, and low life cycle cost.

Specifications

<small>(inches unless otherwise stated)</small>	2WD
Wheelbase	116.0
Length	202.0
Width	79.0
Height	73.9
Seating (front/rear)	2/3
Head room (front/rear)	41.1/39.2
Shoulder room (front/rear)	65.2/65.2
Hip room (front/rear)	60.3/60.6
Leg room (front/rear)	41.3/39.0
Total interior passenger volume ³ (cubic feet)	122.0
Maximum cargo volume ³ behind front seat (cubic feet)	108.9
Approximately fuel capacity (gallons)	26
Turning diameter curb to curb (feet)	39.0
Ground clearance	8.0
Base curb (without original manufacture's optional equip.) (lbs.)	5342
EPA estimated fuel economy (city/hwy/combined)	15/21/17

SELECT FEATURES

STANDARD EFFICIENT FEATURES

- Standard E85 FlexFuel² capability
- Standard Active Fuel Management™
- Standard 6-speed automatic transmission

SAFETY AND SECURITY

- Dual-stage frontal air bags¹ with Passenger Sensing System; driver and front passenger seat-mounted thorax side-impact air bags¹; outboard front and rear head curtain side-impact air bags¹
- Tire Pressure Monitoring System
- Rollover Protection
- StabiliTrak® stability enhancement system
- PASS-Key III theft-deterrent system
- Daytime Running Lamps and automatic lamp control

INTERIOR

- Front cloth bucket seats with 6-way power
- Rear vinyl seat (third-row seat not available)
- Dual-zone climate control
- 140-mph certified speedometer and Driver Information Center
- Cruise control
- 3 auxiliary power outlets
- Remote Keyless Entry
- Compass, outside temperature
- Tilt adjustable steering column

- AM/FM with CD/MP3 player and auxiliary input jack
- Heavy-duty vinyl flooring
- 100-amp ignition-controlled main power supply under dash and in rear cargo area
- Auxiliary ground studs in rear cargo area

MECHANICAL

- Vortec 5.3L V8 with 320 hp, variable valve timing FlexFuel² capability and Active Fuel Management™
- Auxiliary transmission oil cooler
- External engine oil cooler
- 6-speed automatic transmission with overdrive
- Heavy-duty 4-wheel disc antilock brake system with power assist
- Heavy-duty police-rated suspension
- 160-amp alternator
- 730 CCA battery with rundown protection

EXTERIOR

- Assist steps
- P265/60R17 all-season tires with full-size spare tire
- 17-inch steel wheels with bolt-on center caps
- Skid Plate Package

OPTIONAL

- Front cloth 40/20/40 bench seat
- Headlamp and taillamp flashing system
- Spotlamps
- Remote Vehicle Starter System
- Bodyside moldings
- Content theft alarm disable
- Carpeting
- Grille lamps wiring and siren speaker wiring
- Horn/siren circuit wiring
- Inoperative inside rear door handles, locks and window switches
- Common fleet keyed alike
- Daytime Running Lamps and automatic lamp control delete (not available in Canada)
- Dual batteries
- Engine block heater
- Rear locking differential
- Special paint Victory Red (#9260)
- Special paint Dark Blue (#722J)
- Autonet Mobile Wi-Fi in car router (dealer accessory)

OVERVIEW

Within its full frame, rear-wheel drive design, Tahoe PPV possesses the power and the purpose to possibly be the perfect police vehicle. The standard 5.3L with variable valve timing (VVT), E85 FlexFuel²-capable V8 generates 320 hp and 335 lbs.-ft. of torque. Yet Tahoe PPV features better or equal EPA-estimated fuel economy of 15 MPG City and 21 MPG highway compared to Ford Crown Victoria (14 MPG City, 21 MPG Highway). Tahoe PPV is specially designed and tuned for police work, including a heavy-duty suspension and front brake rotors with additional venting. StabiliTrak® with traction control and a 5-Star⁹ overall frontal crash safety rating and 5-Star⁹ overall side barrier crash test rating are all part of Tahoe PPV's impressive safety package.



NEW FOR 2012

- Hill start assist standard
- Autonet Mobile Wi-Fi in car router optional (dealer accessory)
- 3 new colors

¹ Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the rear side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

² E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

⁹ Model tested with standard head curtain side-impact air bags (SABs). Government 5-Star Safety ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.SaferCar.gov).

* Extra cost

Available Exterior Colors

Actual colors may vary



41U
Black



50U
Summit White



51U
Gold Mist Metallic



58U*
Black Granite Metallic



89U*
Crystal Red Tintcoat (new)



GAN
Silver Ice Metallic (new)



GHA
Mocha Steel Metallic



16U
Graystone Metallic (new)



Shown with aftermarket equipment



CAPRICE POLICE

When the stakes are high, law enforcement officers depend on their equipment to be safe as well as effective. In an age of imitators, there is only one sedan available today exclusively for police use; one with advanced engineering, a larger interior than any other police sedan and a legendary name – Caprice.

³ Cargo and load capacity limited by weight and distribution.
 *Includes optional full-size spare tire and auxiliary battery.

Specifications

(inches unless otherwise stated)	Sedan
Wheelbase	118.5
Length	204.2
Width	74.8
Height	58.7
Seating (front/rear)	2/3
Head room (front/rear)	38.7/37.6
Shoulder room (front/rear)	59.1/59.0
Hip room (front/rear)	56.7/57.9
Leg room (front/rear)	42.2/43.2
Total interior passenger volume ³ (cubic feet)	112
Maximum cargo volume ³ (cubic feet)	17.4*
Approximately fuel capacity (gallons)	19
Turning diameter curb to curb (feet)	38.0
Ground clearance	5.6
Base curb (without original manufacturer's optional equip.) V6/V8 (lbs.)	4043/4160
EPA estimated V6 engine fuel economy (city/hwy/combined)	NA
EPA estimated V8 engine fuel economy (city/hwy/combined)	15/24/18

A POWERFUL LINE-UP



9C1 PATROL CAPRICE PPV

The 9C1 Caprice PPV is designed for high speed operations with a **Best in Class** top speed rated at 148 MPH[†] and 0-60 MPH performance of 6.01 seconds.^{††} And to provide STOP for all that GO, Caprice PPV's projected 60-0 MPH stopping distance is 128.3 feet.[†] With its specially designed offset console shift lever, computer and other controls are easily at hand. Interior space exceeds that of competing sedans, including that of the retiring Crown Victoria. With specially developed seats and other thoughtful features designed from the input of the GM Law Enforcement Product Council (LEPC), more and more law enforcement personnel are discovering how Caprice PPV 9C1 offers a larger interior than any other police sedan and an outstanding interior environment to work in.

9C3 DETECTIVE CAPRICE

The detective version of the Caprice PPV 9C3 package offers the same combination of performance, utility and comfort with an added standard center front console and full wheel covers. And like the 9C1, new standard features for 2012 include standard knee air bags¹, rollover protection, an engine hour and idle monitor included with the driver information display and a front passenger door lock cylinder.



OVERVIEW

2011 saw a new sheriff in town for law enforcement sedans – Chevrolet Caprice PPV. An industry leading, full-size, rear-wheel drive sedan exclusively developed for the U.S. police market, Caprice answers the call for a powerful, extremely spacious solution to the special needs of the men and women who depend on it. Continually impressing the law enforcement community with its outstanding performance, comfort and utility, Caprice PPV for 2012 adds a new standard naturally aspirated dual overhead cam V6 engine that delivers excellent fuel economy without compromising on power.

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the rear side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.



NEW FOR 2012

- 3.6L SIDI DOHC V6 301 hp with variable valve timing engine standard
- Rollover protection standard
- Engine idle and hour meter standard
- Front occupant knee air bags¹ standard
- Front passenger door lock cylinder standard
- Optional passenger side spotlamp
- Autonet Mobile Wi-Fi in car router (dealer accessory)
- Optional full wheel covers (9C1)
- Hugo Blue Metallic*

† Based on final results of 2011 Michigan State Police performance testing.

†† Based on final results of 2011 Los Angeles County Sheriff's Department performance testing.

Available Exterior Colors

Actual colors may vary



* Extra cost

BOLT-ON, EASY OFF, FRONT END MODULE

design creates simpler and faster damage repair. Compared to traditional front end designs that have welded upper cross members, beams and radiator supports, Caprice PPV features a "bolt-on and -off" design that saves repair costs due to a reduction in cutting, welding and repainting. With the FEM removed, a "walk-in" front end allows easier repair and servicing of major body and engine components.



600 CCA AUXILIARY BATTERY

with a 70-amp hour rating is available to power customer-installed accessory equipment. The trunk-mounted auxiliary battery is connected to the vehicle's charging system through an isolation relay to prevent emergency equipment electrical loads from depleting the primary 700 CCA vehicle battery if the engine is not running and the ignition is OFF.



USABLE UTILITY

Caprice PPV's trunk includes 17.4 cubic feet of fully usable space to more easily accommodate police gear on a flat load surface. Optional equipment includes a vinyl trunk mat and a full-size spare tire.



SELECT FEATURES

STANDARD

EFFICIENT FEATURES

- Spark Ignition Direct Injection (V6)
- E85 FlexFuel² capability
- Active Fuel Management[™] (V8)
- 6-speed automatic transmission

INTERIOR

- Front cloth bucket seats sculpted for equipment belts with 10 inches between seats for equipment
- 8-way power driver seat
- Rear cloth bench seat with carpeting
- Dual-zone climate control with air filtration
- Cruise control
- 160-mph certified speedometer and multifunction display
- Tilt/telescoping adjustable steering column
- Power windows with rear window lockout
- Auxiliary ground stud in trunk
- AM/FM stereo with CD/MP3 player
- 110-amp ignition-controlled main power supply
- 120-amp auxiliary power supply in trunk
- Door locks, lighting customizable via multifunction display
- Front seat only, head curtain, side impact air bags¹
- Driver and front passenger knee air bags¹
- Ignition controlled trunk release
- Engine idle and hour meter
- Rollover protection
- Rearview mirror with compass
- Outside temperature display

MECHANICAL

- Rear-wheel drive
- 3.6L SIDI DOHC V6 WT
- 6-speed automatic transmission
- Heavy-duty power 4-wheel disc antilock brake system
- Heavy-duty police suspension
- Power rack-and-pinion steering
- 170-amp high-output alternator
- 700 CCA battery with rundown protection
- Transmission and power steering coolers
- Radio suppression

EXTERIOR

- Power rearview mirrors
- P235/50R18 W-rated all-season tires
- Heavy-duty 18-inch steel wheels with bolt-on center caps
- Trunk and front passenger key lock cylinder
- Remote Keyless Entry
- Halogen headlamps

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

OPTIONAL

- 6.0L V8 (no additional charge) with 355 hp, Active Fuel Management[™] and FlexFuel² capability
- Auxiliary battery (600 CCA)
- Head curtain side-impact air bag¹ for front and rear
- Headlamp and taillamp flashing system (includes flashing module and control wire)
- Heated outside rearview mirrors
- Spotlamps
- Remote Start with content theft alarm system
- Full-size spare tire
- Vinyl rear seat
- Heavy-duty vinyl flooring
- Grille lamps and siren speaker wiring
- Horn/siren circuit wiring
- Hole in roof with sealing grommet (center or right) wiring not included
- Inoperative inside rear door handles, locks and window switches
- Common fleet keyed alike
- Daytime Running Lamps and automatic lamp control delete (not available in Canada)
- Carpeted floor mats
- Vinyl trunk mat with drip edge
- 6-way power front passenger seat
- Speed limiter (130 mph)

COMFORT, CONVENIENCE AND UTILITY



Shown with aftermarket equipment

THE SEAT OF JUSTICE

At the wheel law enforcement personnel can depend on PPV's sculpted, heavy duty seats to provide comfort shift after shift. Designed to accommodate equipment belts, high-wear, low friction cloth front bucket seats include a driver's 8-way power adjuster and reclining seat back and lumbar controls with quick adjust manual fore and aft movement. The front passenger seat features 4-way power adjustment with manual fore and aft movement, recline and lumbar controls. PPV's seat design was field tested in actual service for comfort, convenience and safety.

ADAPT AND OVERCOME

Many departments and agencies are facing serious upfit questions with the Crown Victoria at retirement. Caprice can accommodate most radios, consoles, rear seat barriers, gun racks and light bars from Crown Victorias with simple adapters.

The center console on the 9C1 PPV is specially designed with an offset shift lever that is close-at-hand to the driver and provides space for a computer mount and other equipment. And every Caprice PPV is covered by a 5-year/100,000-mile powertrain limited warranty, whichever comes first. See dealer for details, backed by the Chevrolet dealer service network.



9C1 INTERIOR

9C3 INTERIOR



SPORT SHIFT MODE

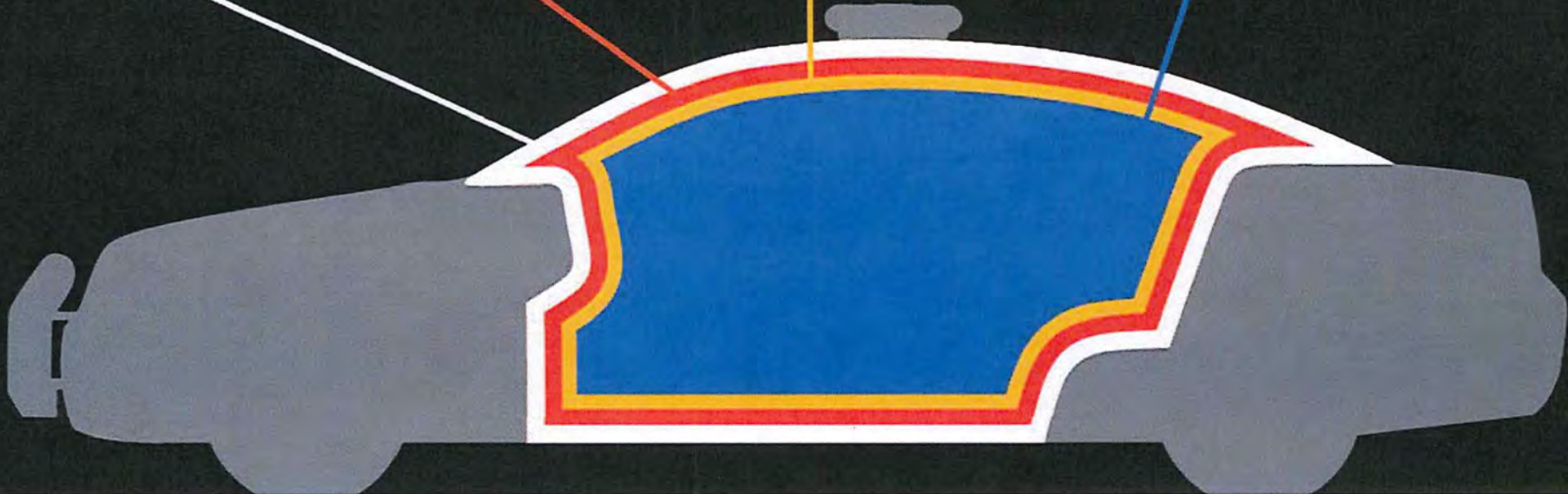
A 6-speed electronically-controlled transmission with Sport Mode feature delays upshifts and allows earlier downshifts when maximum engine power and transmission responsiveness is desired. Its unique calibration allows the transmission to "understand" driving conditions and select the appropriate gear, even through tight turns, and provides the optimum engine torque.

**2012
CHEVROLET
CAPRICE
112 CU. FT.**

**2011 FORD
CROWN
VIC
107 CU. FT.**

**2011 DODGE
CHARGER
& 2012
CHEVROLET
IMPALA
105 CU. FT.**

**NEW FORD
INTERCEPTOR
104 CU. FT.**



PLENTY OF ROOM FOR LAW AND ORDER

Whether on long patrols or hours of sitting on surveillance, law enforcement personnel have enough to think about without worrying about their personal comfort. NO WORRIES HERE: Caprice PPV offers more cubic feet of interior volume than Ford Crown Victoria Police Interceptor, Ford Police Interceptor and Dodge Charger. Its 112 cu.ft. of passenger volume translates into more leg room, so rear seat barriers can be mounted further aft to allow more seat travel and recline. PPV's 17.4 cu.ft. of trunk space is made even more functional by a flat load surface, available full size spare tire and vinyl trunk mat.

Safety, Security and Intelligent Design

Featuring advanced design with crash avoidance and occupant protection of highest priority, Caprice features a comprehensive safety package that begins with an exceptionally strong body structure and engineered energy load paths complemented by 8 standard air bags¹, electronic stability control, specific police duty wheels and tires and much more.

Body structure features extensive use of high strength and ultra-high strength steel and engineered energy load paths to enhance crash protection.

Front End Module (FEM) design creates simpler and faster damage repair. A "bolt-on and -off" design that saves repair costs due to a reduction in cutting, welding and painting. With the FEM removed, a "walk-in" front end allows easier repair and servicing of major body and engine components.

Dual-stage frontal air bags¹ with Passenger Sensing System; head curtain air bags¹ for driver and front passenger (allows use of full-width prisoner partition) knee air bags¹ and front seat-back-mounted thorax air bags¹. Combined front and rear head curtain air bags¹ available.

4-Wheel disc brakes Large 4-wheel disc brakes with ABS (police-specific calibration).

CAPRICE PPV IS RATED FOR HIGH SPEED EMERGENCY VEHICLE OPERATIONS.

Turning diameter 38 ft.

Ground clearance 5.6 in.

Four-wheel independent suspension features heavy-duty components, tuned to deliver responsive high-performance driving characteristics.

PASS-Key III+ Content Theft Deterrent System.

StabiliTrak[®] StabiliTrak electronic stability control with special police calibration and traction control.

Optional 600 CCA auxiliary battery
Trunk-mounted auxiliary battery is connected to the vehicle's charging system to prevent emergency equipment electrical loads from depleting the primary 700 CCA vehicle battery if the engine is not running and the ignition is OFF.

Speed-rated 18" tires with steel wheels.

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the rear side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.



Shown with aftermarket equipment



TAHOE POLICE PATROL VEHICLE

As law enforcement needs have evolved in the wake of homeland security issues, Chevrolet Tahoe has become the solution of choice for many first responders, including K9, tactical, and other special applications. But the Tahoe PPV is also ideal for patrol and high speed activity, offering an unprecedented combination of performance, utility, safety, and low life cycle cost.

Specifications

(inches unless otherwise stated)	2WD
Wheelbase	116.0
Length	202.0
Width	79.0
Height	73.9
Seating (front/rear)	2/3
Head room (front/rear)	41.1/39.2
Shoulder room (front/rear)	65.2/65.2
Hip room (front/rear)	60.3/60.6
Leg room (front/rear)	41.3/39.0
Total interior passenger volume ³ (cubic feet)	122.0
Maximum cargo volume ³ behind front seat (cubic feet)	108.9
Approximately fuel capacity (gallons)	26
Turning diameter curb to curb (feet)	39.0
Ground clearance	8.0
Base curb (without original manufacturer's optional equip.) (lbs.)	5342
EPA estimated fuel economy (city/hwy/combined)	15/21/17

³ Cargo and load capacity limited by weight and distribution.

SELECT FEATURES

STANDARD

EFFICIENT FEATURES

- Standard E85 FlexFuel² capability
- Standard Active Fuel Management™
- Standard 6-speed automatic transmission

SAFETY AND SECURITY

- Dual-stage frontal air bags¹ with Passenger Sensing System; driver and front passenger seat-mounted thorax side-impact air bags¹; outboard front and rear head curtain side-impact air bags¹
- Tire Pressure Monitoring System
- Rollover Protection
- StabiliTrak® stability enhancement system
- PASS-Key III theft-deterrent system
- Daytime Running Lamps and automatic lamp control

INTERIOR

- Front cloth bucket seats with 6-way power
- Rear vinyl seat (third-row seat not available)
- Dual-zone climate control
- 140-mph certified speedometer and Driver Information Center
- Cruise control
- 3 auxiliary power outlets
- Remote Keyless Entry
- Compass, outside temperature
- Tilt adjustable steering column

- AM/FM with CD/MP3 player and auxiliary input jack
- Heavy-duty vinyl flooring
- 100-amp ignition-controlled main power supply under dash and in rear cargo area
- Auxiliary ground studs in rear cargo area

MECHANICAL

- Vortec 5.3L V8 with 320 hp, variable valve timing FlexFuel² capability and Active Fuel Management™
- Auxiliary transmission oil cooler
- External engine oil cooler
- 6-speed automatic transmission with overdrive
- Heavy-duty 4-wheel disc antilock brake system with power assist
- Heavy-duty police-rated suspension
- 160-amp alternator
- 730 CCA battery with rundown protection

EXTERIOR

- Assist steps
- P265/60R17 all-season tires with full-size spare tire
- 17-inch steel wheels with bolt-on center caps
- Skid Plate Package

OPTIONAL

- Front cloth 40/20/40 bench seat
- Headlamp and taillamp flashing system
- Spotlamps
- Remote Vehicle Starter System
- Bodyside moldings
- Content theft alarm disable
- Carpeting
- Grille lamps wiring and siren speaker wiring
- Horn/siren circuit wiring
- Inoperative inside rear door handles, locks and window switches
- Common fleet keyed alike
- Daytime Running Lamps and automatic lamp control delete (not available in Canada)
- Dual batteries
- Engine block heater
- Rear locking differential
- Special paint Victory Red (#9260)
- Special paint Dark Blue (#722J)
- Autonet Mobile Wi-Fi in car router (dealer accessory)

OVERVIEW

Within its full frame, rear-wheel drive design, Tahoe PPV possesses the power and the purpose to possibly be the perfect police vehicle. The standard 5.3L with variable valve timing (VVT), E85 FlexFuel²-capable V8 generates 320 hp and 335 lbs.-ft. of torque. Yet Tahoe PPV features better or equal EPA-estimated fuel economy of 15 MPG City and 21 MPG highway compared to Ford Crown Victoria (14 MPG City, 21 MPG Highway). Tahoe PPV is specially designed and tuned for police work, including a heavy-duty suspension and front brake rotors with additional venting. StabiliTrak® with traction control and a 5-Star⁹ overall frontal crash safety rating and 5-Star⁹ overall side barrier crash test rating are all part of Tahoe PPV's impressive safety package.



NEW FOR 2012

- Hill start assist standard
- Autonet Mobile Wi-Fi in car router optional (dealer accessory)
- 3 new colors

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2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

9. Model tested with standard head curtain side-impact air bags (SABs). Government 5-Star Safety ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.SaferCar.gov).

* Extra cost

Available Exterior Colors

Actual colors may vary



41U
Black



50U
Summit White



51U
Gold Mist Metallic



58U*
Black Granite Metallic



89U*
Crystal Red Tintcoat (new)



GAN
Silver Ice Metallic (new)



GHA
Mocha Steel Metallic



16U
Graystone Metallic (new)