

The following information is related to the recent agenda request for patrol vehicles. In the event you need additional information please give me a shout and I will respond accordingly.

Because Ford discontinued production of the Police Interceptor Crown Victoria in 2011, Public Works compared and analyzed the offerings from various manufacturers (Ford, Chevy, and Dodge) for the County's next patrol vehicle. Public Works maintains 13 patrol vehicles in its inventory. The following lists the vehicles eligible for replacement in the next "cycle".

<u>Equipment #</u>	<u>Description</u>	<u>Odometer</u>	<u>Date in Service</u>	<u>Projected Replacement Date</u>	<u>Mileage</u>
53515	2009 Ford CV	77545	11/06/09	3/1/12	84045
55018	2010 Ford CV	31334	6/17/11	9/1/12	80000
55019	2010 Ford CV	35769	5/26/11	9/1/12	81269
55020	2010 Ford CV	32259	4/21/11	10/1/12	84259
55021	2010 Ford CV	47104	4/12/11	7/1/12	79604
55022	2010 Ford CV	62979	4/18/11	5/1/12	82479
55023	2010 Ford CV	53653	2/24/11	6/1/12	79653
55025	2010 Ford CV	91093	10/04/10	2/3/12	91093
55080	2011 Ford CV	21988	11/18/11	11/1/12	80488
55082	2011 Ford CV	9481	12/6/11	1/1/13	80981

#### Replacement Criteria

Due to the extraordinary role it serves, S.O. patrol vehicles are judged by a different standard than most County vehicles. Each unit is evaluated as it approaches 80K miles and depending on the overall condition, it may be designated for replacement. Historically, County Patrol CVs accrue 65K – 85K per year and are typically replaced at 85K – 100K miles.

#### Fleet Management

As a result of the prodigious number of miles accumulated on these vehicles, 10 vehicles are currently budgeted for this replacement year. It is imperative that PW staff order the replacements early in the fiscal year to avoid the manufacturer's build out/cutoff date for that model year. The duration between order date and vehicle delivery is typically 90-120 days. Upon delivery, the vehicle must complete "make-ready" in which lights, equipment, radios and decals are installed before it can enter service. Therefore, it is not uncommon to wait 5 months from the time a vehicle is designated for replacement until the time the new one is ready for service. As such, PW staff must employ sound judgment and careful planning to account for these realities.

#### County Needs

The unique nature of their work requires a specialized vehicle capable of accommodating the rigorous demands thrust upon it. In addition, the County's patrol vehicle must be able to negotiate the off-road and uneven terrains of a rural environment with acceptable ground clearance while discharging its duties.

#### Recommendation

After reviewing the production data and test driving the vehicles, Public Works has chosen the Ford Patrol SUV. This vehicle is purpose built and the only four wheel drive SUV that is police rated. This vehicle was road tested by Sheriff Department personnel and exceeded their expectations. Some other vehicle features include electronic stability control, anti-stab seat shields, programmable steering wheel controls and the ability to withstand a 75 mph rear crash. All interior dimensions exceed the Ford sedan and offer more cargo space. Fuel economy will increase from 14/21 mpg to 17/23 mpg while offering an increase of 50 horse power. Testing was conducted by the Los Angeles County Sheriff's Department as part of the 2010 Law Enforcement Vehicle test and Evaluation Program. This vehicle scored very high marks in all categories including vehicle dynamics, acceleration and braking.

Cost

2013 Ford Patrol SUV	\$30,054
2013 Ford Taurus	\$27,110
2011 Ford Crown Victoria	\$27,600

For a cost differential less than \$3,000, the County gains substantial advantages with the SUV including All Wheel Drive and increased ground clearance which fits a rural application perfectly. Cargo space and interior dimensions are superior to the Ford Patrol sedan which allows the SUV to easily accommodate all the Deputy's electronics and equipment.

Thanks,

Jon