

Best Of

COPSWEST™

2009 WINNER

Best Cruiser Vehicle Design Contest

Morro Bay Police Department



Number of sworn officers: 17

Number of non-sworn: 7

The Morro Bay Police Department took great pride in redesigning its patrol vehicles. We switched to the Dodge Charger V-8 for performance, handling and safety reasons. A comparison with the Ford Crown Victoria revealed the Dodge a superior vehicle. In

addition, we switched back from all white to a traditional black and white paint scheme to have the patrol vehicle more identifiable as a police car. We designed the graphics with the assistance of The Graffix Shoppe. Our new Dodge Chargers were outfitted at North Star Electronics in Downey, CA. The Chargers are also equipped with the optional wheel covers.

Vehicle equipment includes the following:

- Duel battery system installed by North Star Electronics. A high capacity Odyssey secondary battery was installed in which all the vehicle electronics are hooked up to. A Power Guardian unit isolates the batteries and performs power cut-off functions in prevention of excessive and terminal battery drainage. The vehicle battery is isolated from the electronics and stays charged to start the patrol vehicle. In our previous vehicles, we experienced significant battery drainage with a single battery system with all the electronic devices running in the vehicle.
- Havis Shield console and mobile computer mounting system.
- Soundoff ETL5000 lightbar with 380 series Professional Series Siren Controller, tail light LED lights, siren speakers, ghost lights on front grill and pushbumper.



- Setina 1OSRP prisoner partition, double gun rack kit, and PB 400 push bumper.
- Aedec prisoner seat
- Sealed hinge rear window guards
- Metal door panel kits for rear doors
- North Star Electronics Trunk Organizer

- Kenwood TK890 series UHF radio
- Radio Shack multi band scanner
- Bushmaster .223 carbine rifle with Eotech holographic sight, tactical sling and collapsible stock
- Remington Model 870 12ga shotgun with Knox stock, Mesa Tactical side saddle and tactical sling.
- Remington Model 870 with Knox stock designated bean bag shotgun mounted in trunk
- Polaris mobile computer system running PsNet public safety software. Our mobile computers allow access to CLETS, our PsNet Computer Aided Dispatch System, and PsNet records management system allowing police reports to be written in the field.
- L3 Communications Mobile Vision digital in-car video system. This system is unique in that it has no VHS or DVD storage in the vehicle. The video is recorded to a hard drive in the vehicle then wirelessly transferred to a server in the police station every time the vehicle returns to the station. A DVD backup station and DVD robot automatically backs up video to DVD's on a daily basis and automatically labels them. Officers, supervisors, and management can easily view the videos from computers in the police station using the L3 software.
- Kustom Signal Eagle radar units with front and rear antennas that will be replaced this year.

