



# COLLISION CONSULTANTS, INC.

938 NORTH GRAND AVENUE

COVINA, CA 91724

(626) 869-0800 • (909) 391-0341 • (800) 435-1946

FAX: (626) 869-0820 • FAX: (909) 391-4368

S.O.A.R., S.A.T.A.I., S.C.F.I.A., C.A.R.S.



Worley C. Jones, M.S., CHP Capt. (Ret)

Scott Narainore, B.A.

Walter L. Wiley, A.A., I.A.S.D. Sgt. (Ret)

John P. McMahon, A.A.

Frank L. Bell

C. Dean Brewer, A.A.

## *Curriculum Vitae*

### **John Mc Mahon**

Traffic Accident Reconstructionist

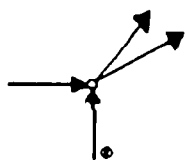
## *Education*

**Associate of Science Degree in Administration of Justice**

Victor Valley College (Victorville, California)

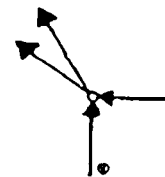
## *Professional Training and Experience*

- Licensed to drive commercial vehicles 1982.
- Victor Valley College, Victorville, California (Traffic Enforcement) 1983.
- San Bernardino County Sheriff's Academy (720 Hours) 1985.
- San Bernardino Sheriff's Academy (Traffic Accident Investigation) 1985.
- Victor Valley College (Skidmark Analysis 40 hours) 1990.
- San Bernardino Sheriff (Driver Training Instructor 64 hours) 1990.
- Vector Sum Analysis (IPTM/SATAI) 1991.
- San Bernardino Sheriff (Drug Influence and Recognition) 1991.
- University of North Florida (IPTM Accident Reconstruction 80 hours) 1991.
- Railroad Train Collision Conference, Reno, Nevada (SATAI)
- Occupant Kinematics Conference, Reno Nevada (SATAI) 1991.
- Passenger Restraint Systems Conference, Las Vegas, Nevada (SATAI) 1992.
- Department of Boating and Waterways, San Diego, California (Boating Enforcement and Collisions, 40 hours) 1992.
- Automobile/Pedestrian Conference, Los Angeles, California (SATAI/IPTM) 1993.
- San Bernardino Sheriff (Field Training Officer Academy 400 hours) 1993.
- San Bernardino Sheriff (Teacher Training 56 hours) 1993.
- San Bernardino Sheriff (Supervisor Leadership Training 32 hours) 1993.
- Light Bulb Examination Conference, Phoenix, Arizona (SATAI) July 1993.
- University of North Florida (IPTM Accident Reconstruction 80 hours) Tempe AZ. February 1994.
- Collision Damage Analysis Conference, Phoenix, Arizona (SATAI) July 1994.



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- Critical Speed Accuracy/Work Zone Traffic Accidents Conference. Reno Nevada (SATAI) November 1994.
- Texas A&M University (Bicycle/Pedestrian Accident Reconstruction) El Paso Texas March 1995.
- Low Speed Rear End Collision Conference, Phoenix, Arizona. (SATAI) July 1995.
- Texas A&M University (Applied Physics for Accident Reconstruction) San Diego, California January 1996.
- Low Speed Impact Dynamics, Human Factors Conference, Las Vegas, Nevada (SATAI) March 1996.
- Low Speed Staged Collision, Motorcycle Collision Conference, Phoenix, Arizona (SATAI) July 1996.
- Tire Forensics/Truck Brake Systems, San Diego California (SATAI) November 1996.
- P.O.S.T. Supervisory Leadership Institute Training, Sacramento California 3/97 to 10/97, 192 hours.
- Vehicle Crush Measurements/Insurance Fraud/Biomechanics, Laughlin, Nevada (SATAI) March 1998.
- Sudden Vehicle Acceleration/Occupant Kinematics, Laughlin, Nevada (SATAI) March 2000.
- Determining Causation/Reconstruction, Newport Beach California (SATAI) November 2000.
- P.O.S.T. Middle Management Training, Dana Point California. February 1999, 80 hours.
- Several Hundred Hours of Continuing Professional Training in Law Enforcement Topics.

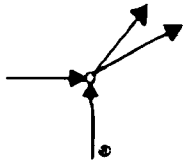
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## *Related Experience and Tests*

- Numerous Slide-to-Stop tests. (20 to 60 MPH). 1990 to Present.
- Air Bag Deployment 1993.
- Drag Sled and Drag Sled Tests 1993.
- Hot and Cold Shock Filament Tests 1991 to Present.

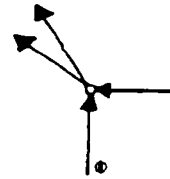
Participated and witnessed Over 70 Low Speed Collisions in which the vehicles were occupied by test subjects. Personally been the test subject in 20 staged collisions.

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## ***Work Experience***

- Commercial Truck Driver (2 years).
- Deputy Sheriff, San Bernardino County 1985 to Present.
- Member, San Bernardino County Sheriff's Major Accident Investigation Team (MAIT) for High Desert Area 1990 to 1998.
- Associate for Collision Consultants, Inc. 1992 to Present.

## ***Assignments at San Bernardino Sheriff's Department***

- Jailer, Needles 1985 to 1987.
- Patrol Division, Victorville 1987 to 1989.
- Traffic Division, Victorville 1988 to 1989.
- Patrol Division, Hesperia 1989.
- Traffic Division, Hesperia 1989 to 1991.
- Field Training Officer, Needles 1991 to 1993.
- Field Training Officer, Victorville Traffic Division, 1993 to 11/94.
- Sheriff's Sergeant, West Valley Detention Center, 11/94 to 8/95.
- Sheriff's Sergeant, Glen Helen Rehabilitation Center, 08/95 to 06/96.
- Sheriff's Sergeant, Victorville Station, 06/96 to 09/97.
- Sheriff's Sergeant, Employee Services Division, 09/97 to 04/98.
- Sheriff's Lieutenant, Regional Training Center, 04/98 to 07/01.
- Sheriff's Lieutenant, Fontana Station. 07/01 to 10/01.
- Sheriff's Captain, Central Detention Center 10/01 to 03/03.
- Sheriff's Captain, Apple Valley Station, 03/03 to present.

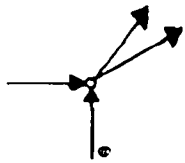
## ***Duties while in each assignment***

### ***Hesperia Station***

- Investigate Fatal and Major Injury Collisions.
- Traffic Enforcement, (Radar, DUI).
- Review Traffic Collision Reports and Maintain Statistical Data.
- Train New Officers in Traffic Related Areas.

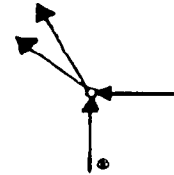
### ***Needles Station***

- Supervise all Traffic Enforcement.
- Review all Collision Reports and Citations.



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- Maintain all Statistical Data and Traffic Collisions and Citations.
- Supervise all Major Injury and Fatal Boating Collisions and Investigation.
- Supervise all Boating Enforcement (Citations and DUI).
- Investigate all Officer Involved Collisions.
- Train all Officers in Traffic Related Areas (Vehicle and Boating).

## *Victorville Station*

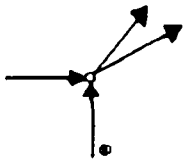
- Investigate all Officer Involved Collisions.
- Review all Collision Reports.
- Train all Officers in Traffic Related Areas.
- Schedule and Supervise Traffic Officers.
- Relief Watch Commander.
- File all Traffic Complaints with the District Attorney.
- Attend Autopsies of Fatal Traffic Accident Victims.
- Identify Potential Problem Areas and Assist in Solutions.
- Determine Accident Profiles in the City.
- Member of Traffic Advisory Committee.
- Second in Charge of Station Major Accident Investigation Team.
- Second in Charge of High Desert Major Accident Investigation Team.
- Supervisor of the Station Major Accident Investigation Team.
- Supervisor of the High Desert Major Accident Investigation Team.
- Review All Major Traffic Collision Reports, and Direct The Investigations.

## *Employee Services Division*

- Supervise the Background Process for New Safety and General Employees.
- Oversee the Issuance of Concealed Weapons Permits.
- Review Civil Service Examinations for the Promotional Process.

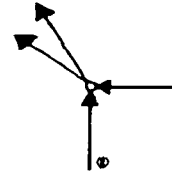
## *Regional Training Center*

- Manage the Advanced Officer Training Unit.
- Serve in the Capacity of the Executive Officer for the Center.
- Assist in the Preparation of the Budget for the Center.
- Oversee Several Major Construction Projects.



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## ***Fontana Station***

- Serve as the Executive Officer, manage and oversee the patrol operations and scheduling.

## ***Central Detention Center***

- Commander of the facility responsible for 140 employees and over 700 inmates.

## ***Certificates and Awards***

- California P.O.S.T. Basic Certificate
- California P.O.S.T. Intermediate Certificate
- California P.O.S.T. Advanced Certificate
- California P.O.S.T. Supervisory Certificate
- Numerous Positive Personnel Reports for Outstanding Performance.
- Accredited Traffic Accident Reconstructionist by the Accreditation Commission for the Traffic Accident Reconstruction, Reg #526 from 1994-2002

## ***Other Activities***

- Instructor at the San Bernardino County Sheriff Academy. (Driver Training, Accident Investigation Advanced Officer Training).

## ***Taught In Service Training to:***

- Victorville Station
- Needles Station
- Hesperia Station

## ***Groups Consulted For***

- Collision Consultants, Inc.
- Carl Warren & Co, Adjusters
- Farmers Insurance
- Wawanesa Insurance
- Western United Insurance
- 21<sup>st</sup> Century Insurance Company

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