

BODILY'S TRAFFIC COLLISION CONSULTING AND RECONSTRUCTION, LLC

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307-277-0567

RYAN M BODILY

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Objective:

The purpose of this Curriculum Vitae is to give an overview of my skills and education regarding Traffic Collision Investigations and Reconstruction.

Overview:

I have been a law enforcement officer for 26 years and retired in 2023. I have worked in traffic for 17 of those years and as a Traffic Detective with a specialty in Vehicular Homicides from 2015 to 2020. I have investigated and/or participated in the investigation of thousands of traffic collisions during my 26-year tenure ranging from non-injury traffic collisions to fatal traffic collisions. I have been the lead investigator for over 100 fatal traffic collisions with 65 of them leading to criminal prosecution. I am recognized as an expert witness with the Los Angeles County Superior Courts and Kern County Superior Courts. I attended and successfully completed the Peace Officer's Standards and Training (POST) approved Advanced Officer Training courses related to traffic collision investigations which are listed below.

In 2017 I opened my own company, Bodily's Traffic Collision and Reconstruction LLC. I have investigated over 200 cases for insurance companies and attorneys. Some of these cases have included the analysis of Event Data Recorder data, physical inspections of vehicles, and physical inspections of scenes. Most of these cases were table-top investigations reviewing available documents. I have participated in civil and criminal cases for various law firms.

Training:

- **Basic Traffic Collision Investigation (40 hours)**

This traffic collision investigation course meets the requirements of 40600(a) of the California Vehicle Code. Topics include traffic laws, collision investigation report writing, scene management, skid mark diagramming, station-line method and determining primary collision factors.

- **Intermediate Traffic Collision Investigation (40 hours)**
 This is a course in the fundamentals of skid mark analysis & documentation, which helps collision investigators develop advanced skills in accident investigation. The course includes a practical exercise.
- **Advanced Traffic Collision Investigation (80 hours)**
 This intensive course provides important training in the fundamentals of vehicle dynamics, math and basic physics, time position analysis, free fall analysis and much more. The course helps to develop skills in collecting and analyzing collision investigation data and preparing reports to be used by prosecutors, defense attorneys, claims adjusters, risk managers, and others involved in traffic issues.
- **Traffic Collision Reconstruction (80 hours)**
 In this course, the opportunity to experience, investigate and describe various relationships in physics as they relate to traffic collision reconstruction. This course covers auto-pedestrian- bicycle collisions, articulated vehicles, reconstruction methodology, motion analysis, velocity reconstruction & step-by-step reconstruction process.
- **Motor Vehicle Inspection for Traffic Collisions (40 hours)**
 This course is designed to enhance the investigative techniques of a traffic collision investigator. This course shows how to conduct a complete inspection of a motor vehicle from bumper-to-bumper in order to determine if any of the vehicle systems caused or contributed to the outcome of the collision.
- **Vehicle vs Pedestrian/Bicycle (24 hours)**
 This course teaches a step-by-step approach emphasizing the proper documentation of physical evidence & the correct methods for analyzing the evidence. Lecture covers topics such as; vehicle code, lighting, headlamp illumination, perception, body trajectories & formulae that are unique to pedestrian and bicycle collisions.
- **BOSCH Crash Data Retrieval – Technician (16 hours)**
 This course teaches the CDR user the basics of the Bosch CDR Tool and how the operations work. This includes hands on training with imaging from vehicles at a tow yard.
- **BOSCH Crash Data Retrieval – Analyst (40 hours)**
 For those who have completed the basic CDR Technician Course, the Analyst course further insight into the function of the automobile Event Data Recorder (EDR) function or subcomponent, its history and evolution as well as expanded interpretation skills enabling the application of a

Bosch Crash Data Retrieval (CDR) Tool generated report to a situationally complete crash reconstruction.

Using traditional reconstruction techniques such as momentum applications, an understanding of delta-V and PDOF and admissibility hearing issues unique to this technology as the basis for the course objectives, the CDR Data Analyst Certification course is both a natural extension of the CDR Technician training and an expansion of a reconstructionist's skill set.

- **Standardized Field Sobriety Test/Advanced Roadside Impairment** (40 hours)
This course is intended to enhance the knowledge and skill of the field officers in enforcing DUI laws and includes report writing, courtroom testimony, Standardized Field Sobriety Tests (SFTS's), and a practical exercise (wet lab)
- **Scene Diagraming** (120 hours)
Hands on training to document the scene of a collision using the FARO 3D scanner systems. Multiple online classes on the use of the FARO 2D/3D Zone software. FARO Zone 3D is a diagramming application for 2D and 3D scene modeling.

Experience:

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Owner – Investigate traffic collisions to help clients determine cause of the collision and possible fault. Assist car insurance companies determine fraud in reported collisions. Provide consulting on traffic and law enforcement matters. Act as an Expert Witness during court proceedings to include depositions.

**Los Angeles County Sheriff Department / Palmdale Station
(Retired)**

750 E Palmdale Blvd
Palmdale Ca 93551
661-272-2400

Sergeant – Supervise line deputies during the normal course of their duties. Investigate on-duty traffic collisions and complaints regarding service. Investigate use of force incidents. Consult with Palmdale Station Traffic Detectives as needed.

Los Angeles County Sheriff Department / Lancaster Station

501 W Lancaster Blvd

Lancaster Ca 93534

661-940-3811

Detective – Investigate fatal and major injury traffic collisions. Review reports. Investigate DUI cases. Present cases to the District Attorney’s Office for prosecution. Maintain and use equipment necessary for investigations.

Education:

Master of Arts in Business

Trident University – 2015

Bachelor of Arts in Business

Trident University – 2013

Collision Reconstruction Testimony Since 2016:

Justin Martinez v Basin Vora and Does 1-25

Civil Deposition 2016

People v. Williams (Clara Shortridge Foltz Criminal Justice Center)

Preliminary Hearing / Plead 2017

- California Penal Code 192.5

People v. Aldana (Antelope Valley Courthouse)

Preliminary Hearing / Plead 2018

- California Penal Code 192.5

Diana Estevez, et al. v Gregory Kadlec, et al.

Civil Deposition 2018

Graves v Pordas

Civil Deposition 2018

People v. Reyes-Montes (Antelope Valley Courthouse)

Preliminary Hearing / Plead 2018

California Penal Code 192.5

Terri Smith, et al. v Noah Alford, et al.

Civil Deposition 2018

People v. Vaughn (Antelope Valley Courthouse)

Preliminary Hearing / Plead 2018

California Penal Code 192.5

Wood v Pacifica Trucks

Civil Deposition	2018
Dwanda Kay Stovall v USA Waste of California Civil Deposition	2019
People v. Habibi (Antelope Valley Courthouse) Jury Trial / Guilty - California Penal Code 187	2019
People v. Nowak (Clara Shortridge Foltz Criminal Justice Center) Preliminary Hearing / Plead - California Penal Code 192.5	2019
Owens v Champion Lumber Civil Deposition	2019
People v. Torres (Antelope Valley Courthouse) Preliminary Hearing / Plead - California Penal Code 192.5	2019
People v. Murphy (Antelope Valley Courthouse) Jury Trial / Guilty - California Penal Code 187	2020
People v. Walker (Clara Shortridge Foltz Criminal Justice Center) Preliminary Hearing / Plead - California Penal Code 192.5	2020
Gutierrez v. City of Rialto Civil Deposition	2020
Romines v. FCA US LLC, et al. Civil Deposition	2021
Montez v Perez, et al Civil Deposition	2021
People v. Sara Michelle Hieronymes (Kern County Metro Court) 402 Hearings & Jury Trial / Guilty - California Penal Code 192(c)2	2021
Karla Janette Medina-Estrada v Tatianna Chantal Tomas; Lisa Forsyth Civil Deposition	2021

