



Ohio Bureau of Criminal Identification & Investigation
INVESTIGATIVE REPORT



12/6/2012 SHOOTING INCIDENT RECONSTRUCTION: CPD CRUISER #238

Summary

On Thursday, December 6, 2012, BCI Special Agents Daniel Winterich, Gary Wilgus, George Staley, and Brenda McNeely conducted a shooting incident reconstruction on CPD cruiser #238 that was related to the officer involved shooting on November 29, 2012 in East Cleveland. The vehicle was photographed and mapped. Firearms related evidence and footwear impression evidence were collected. This examination lasted one and a half days.

Details

From December 6 to December 7, 2012, BCI Special Agent Daniel Winterich conducted a shooting incident reconstruction on CPD cruiser #238 that was related to the officer involved shooting on November 29, 2012 in East Cleveland. Assisting him were Agents Gary Wilgus, George Staley, and Brenda McNeely. This examination took place at the vehicle investigation garage at the BCI office in Richfield.

The vehicle was a marked Ford Crown Victoria bearing a VIN of 2FABP7BV6AX101591. Agent Winterich photographed the vehicle as he found it and Agents Staley and McNeely were assigned to map the vehicle utilizing the total station.

Examination of the exterior revealed body damage to the passenger's side (see Figure 1). Footwear impressions were noted on the driver's side of the trunk, the roof, and the hood. The tread patterns of the impressions from the roof and trunk were similar to each other but different from the patterns on the hood. Two impressions from the trunk (placard A, placard B), one from the roof (placard C), and one from the hood (placard D) were documented via macro photography and then lifted utilizing gelatin lifters.


File Number: CS-18-12-82-1488	File Title: Timothy R. Russell (S) & Malissa A. Williams (S)
Case Agent: Daniel Winterich	Authoring Agent: Daniel Winterich DRW
Date of Report: 12/20/12	Exhibit #: 3
Investigative Activity: Officer Involved Shooting	Supervisor Approval: SAS Dennis Sweet  JAN 09 2013



Figure 1 (damage to passenger's side)

After the exterior was examined, the bullet holes were labeled and mapped. All bullet holes were photographed via macro photography. Each bullet hole or bullet strike was labeled with "BH" followed by a number (e.g. "BH1"). These numbers do not indicate shot sequence but were arbitrarily selected. There were three bullet holes found on the windshield (see Figures 2, 3). The cone fractures indicate that these shots were fired from outside of the vehicle inward. One of these bullet holes did not have two impact points so the trajectory could not be accurately determined. The following data was collected from these holes:

Bullet Hole #	Location	Vertical Impact Angle	Horizontal Impact Angle*	Direction of Travel**
BH1	Driver's side windshield	-24°	15°	Downward, from 9 o'clock to 3, penetrated dashboard into instrument panel.
BH2	Center of windshield	-27°	10°	Downward, from 9 o'clock to 3, penetrated dashboard.
BH3	Center of windshield	N/A	N/A	9 o'clock to 3.

*0° is driver's side front end, 180° is passenger's side front end.

**12 o'clock is front of vehicle, 6 o'clock is rear of vehicle.

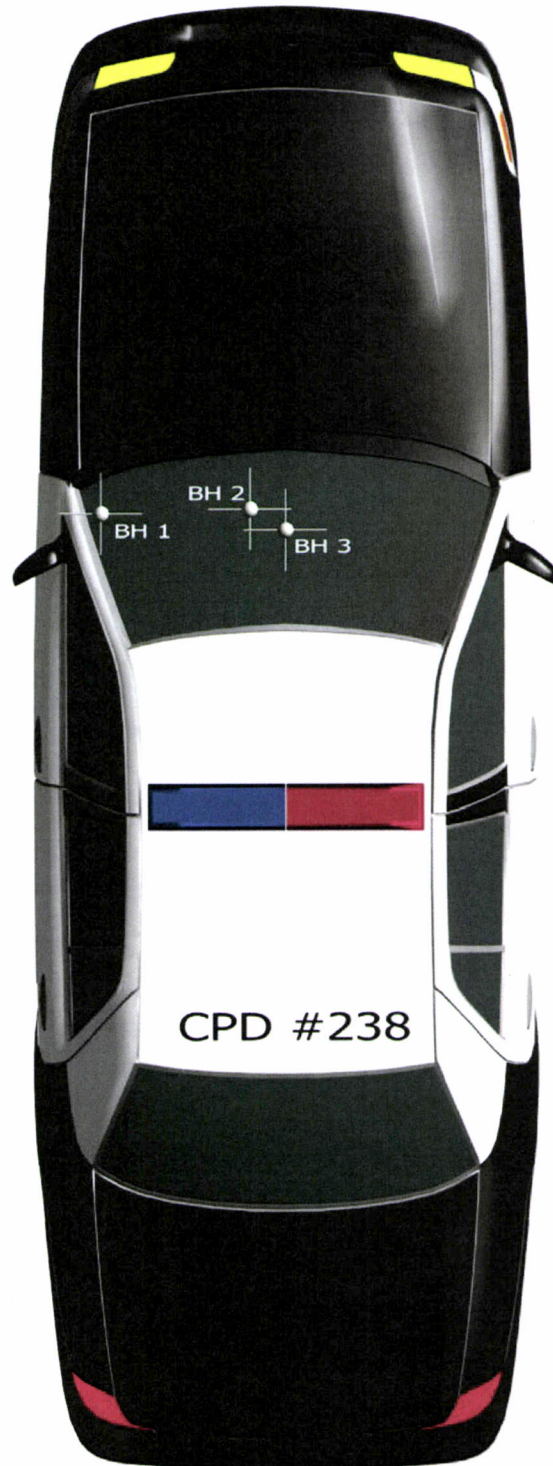


Figure 2 (bullet holes mapped with total station)

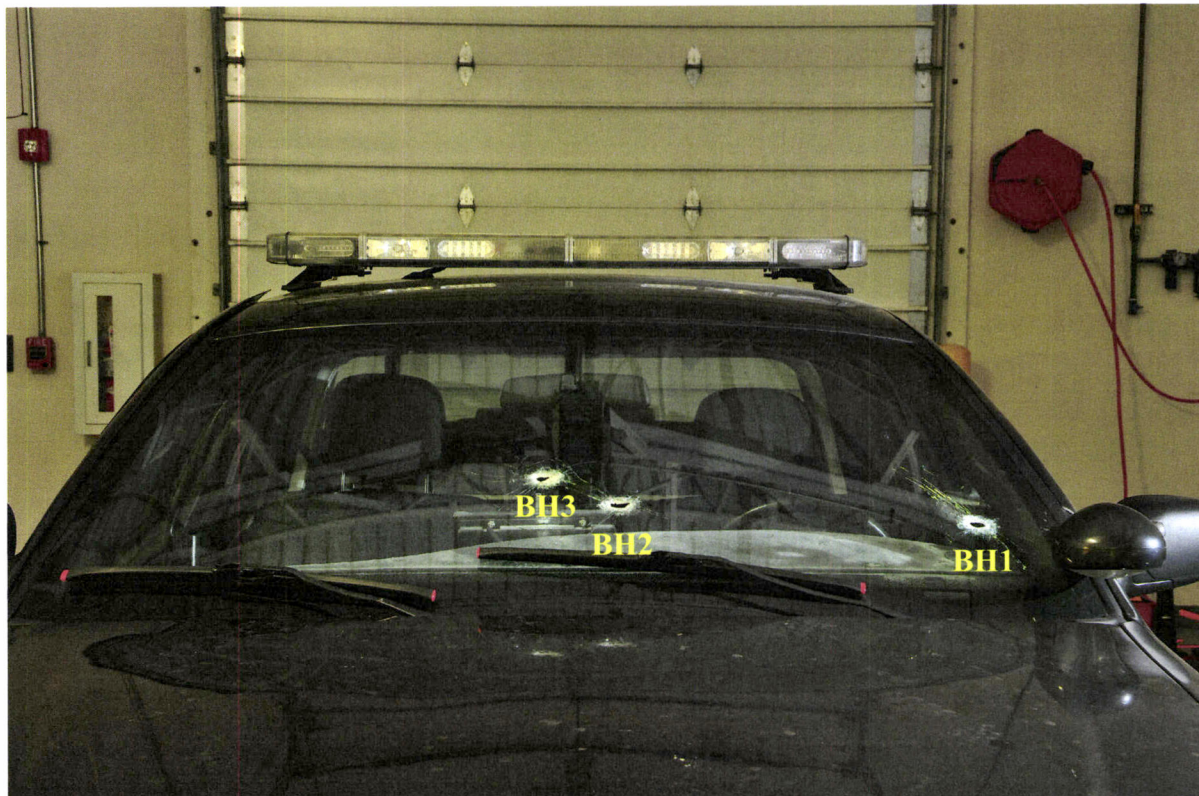


Figure 3 (BHs 1-3)

Figures 4, 5, 6, 7 depict the trajectories that were determined during this analysis:

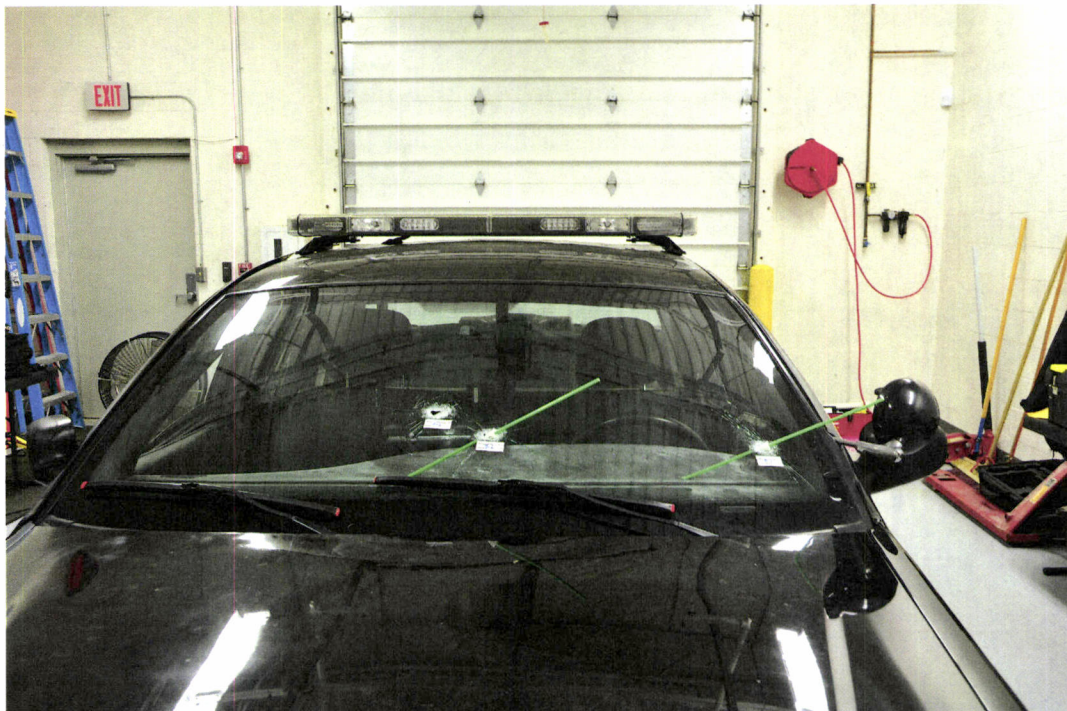


Figure 4 (bullet trajectories)

BH #1.0
CPD #238

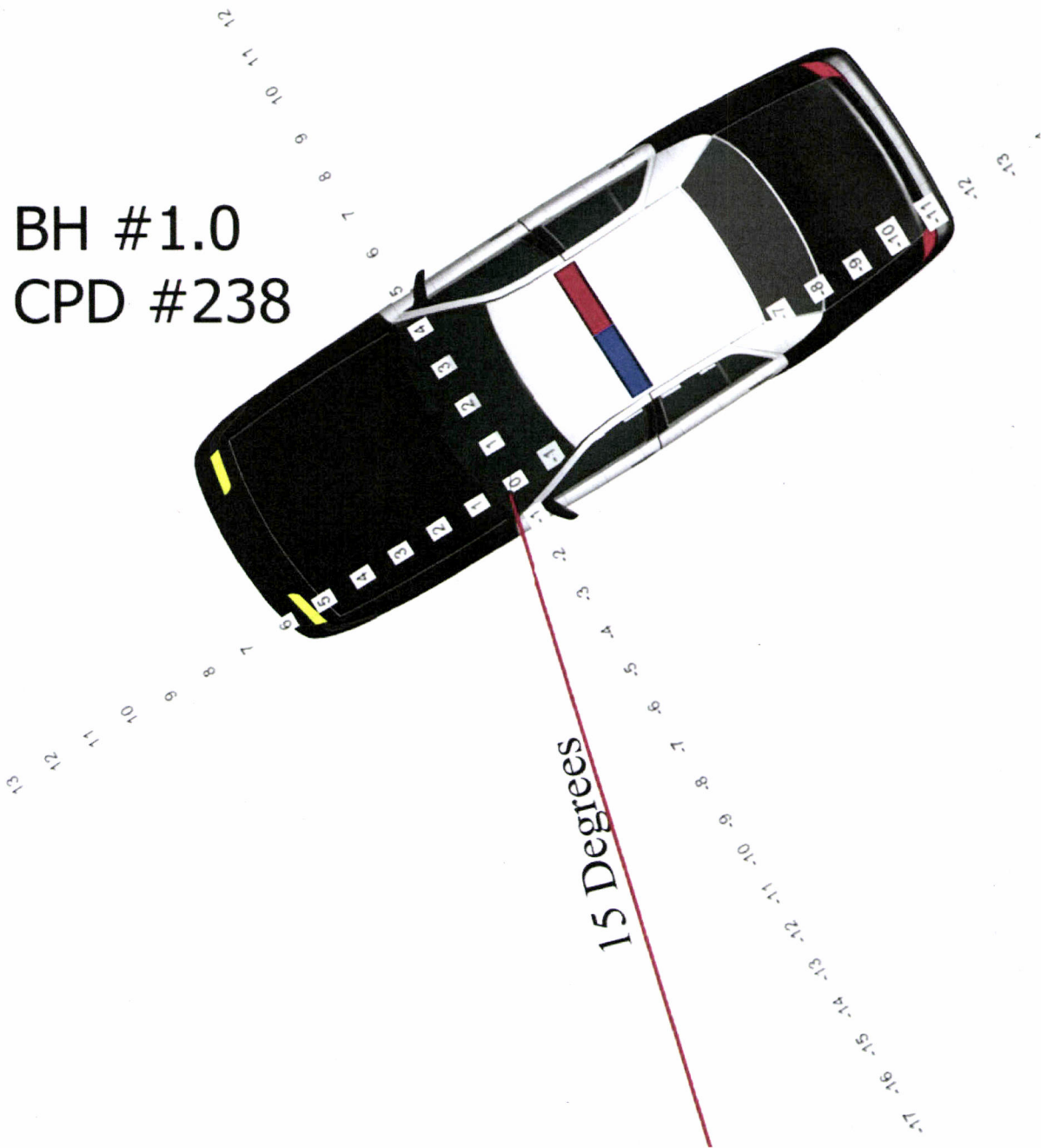


Figure 5 (bullet trajectory for BH1, horizontal impact angle depicted)

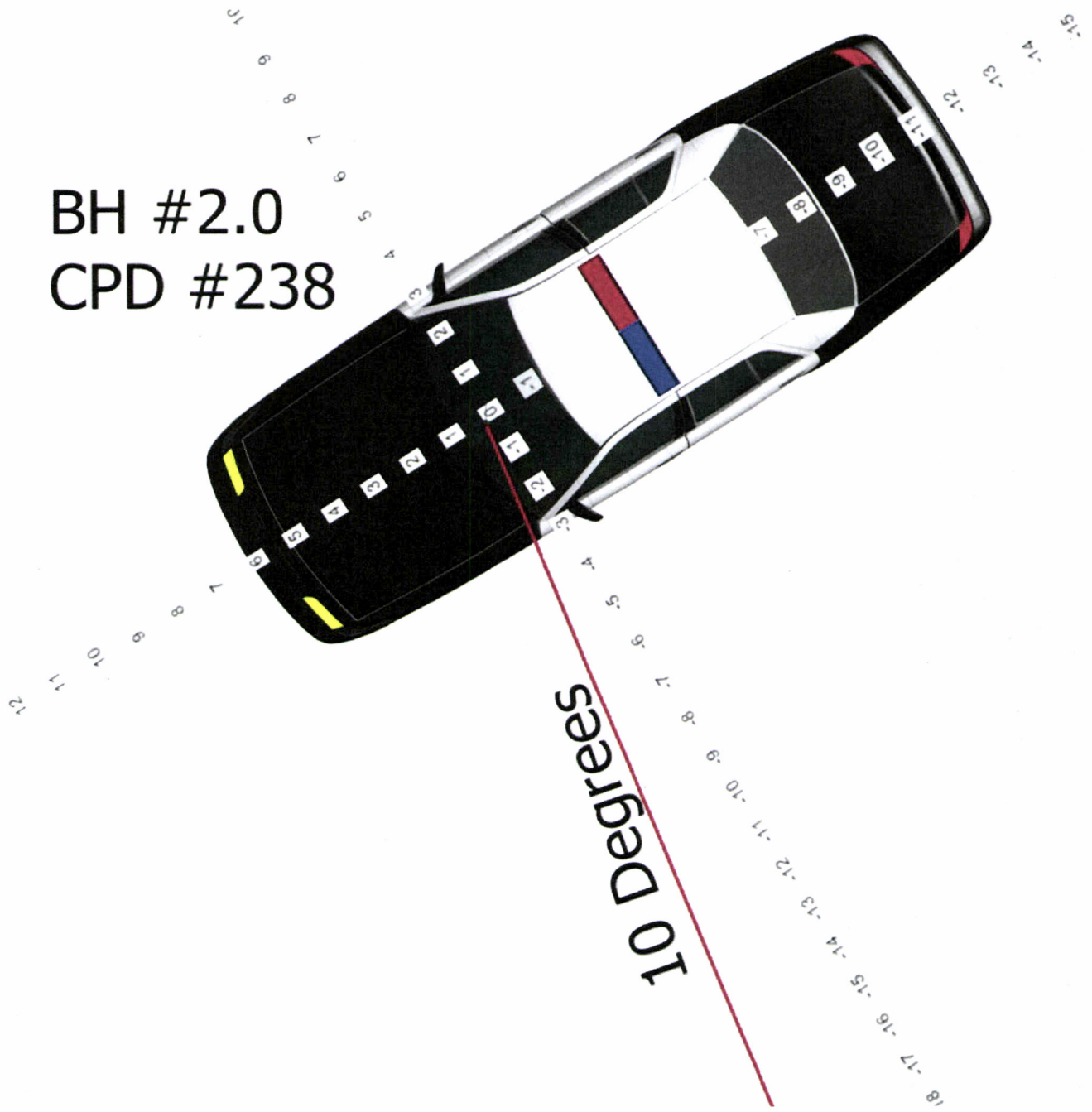


Figure 6 (bullet trajectory for BH2, horizontal impact angle depicted)

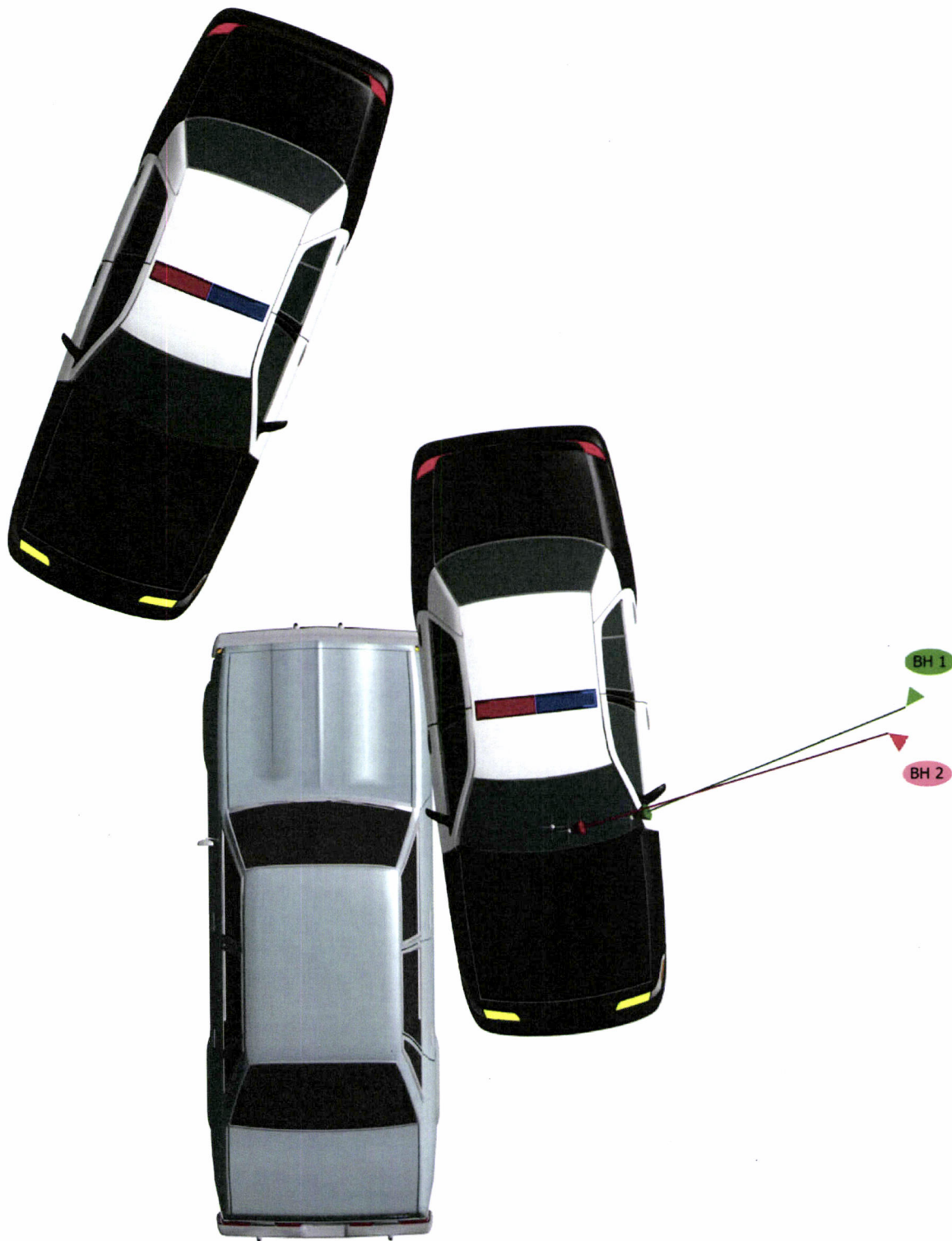


Figure 7 (bullet trajectories with all three vehicles in place)

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One bullet and three bullet fragments were recovered from the vehicle:

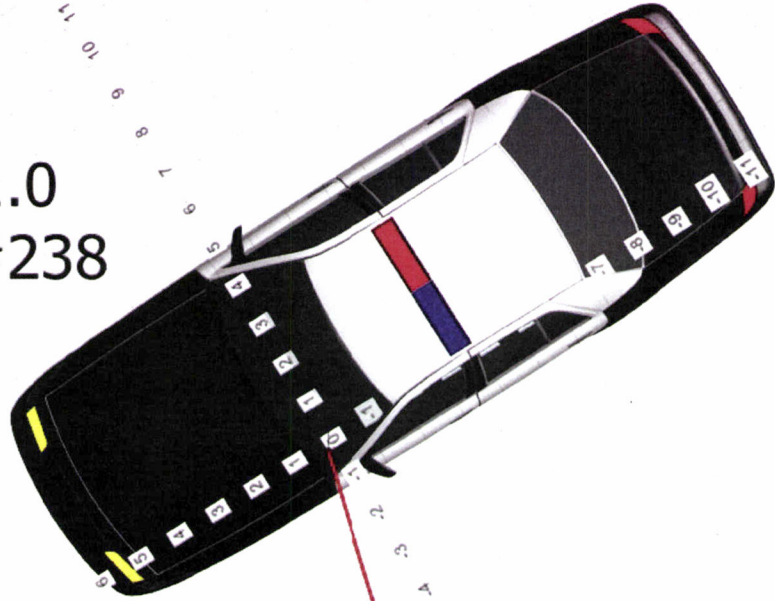
- One bullet fragment from the interior of the dashboard (BH1).
- One bullet fragment from the speedometer cluster panel.
- One bullet fragment from the passenger's front floorboard.
- One bullet from the driver's kick panel.

Nothing else of evidentiary value was found in the vehicle. The examination was concluded on December 7, 2012 at 1430 hours.

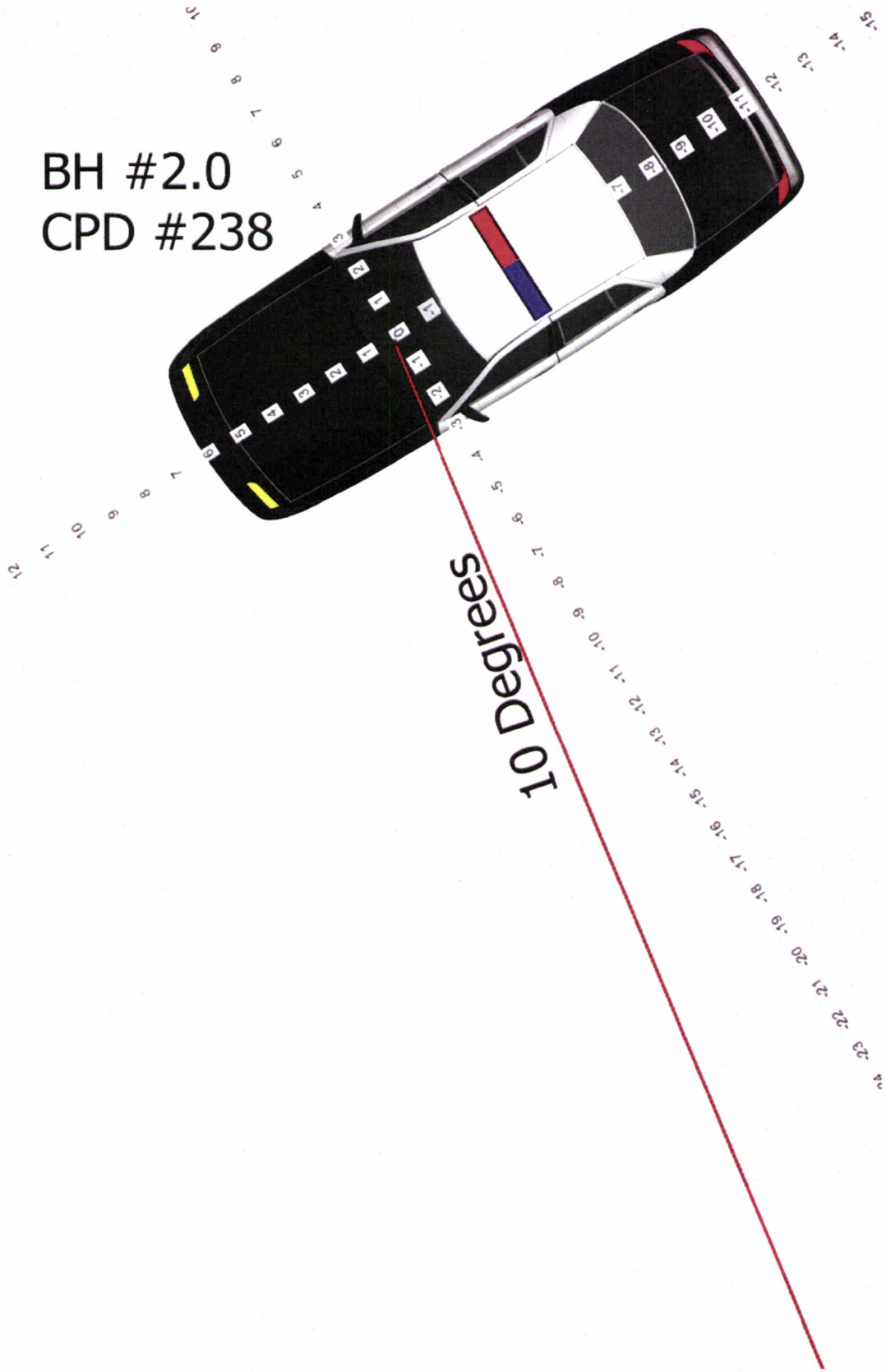
A copy of this report is to be sent to:

**Det. Sgt. Scott Gardner
East Cleveland Police Department
14340 Euclid Ave.
East Cleveland, OH 44112**

BH #1.0
CPD #238



15 Degrees



BH #2.0
CPD #238

10 Degrees

