



Ohio Attorney General – Bureau of Criminal Investigation
Case Number: 23-0795 Date: March 21, 2023
1433 State Route 7 NE, Brookfield, OH 44403



Ohio State Highway Patrol – Warren District Reconstruction Unit

Case Number: 23-3549-00

Incident Synopsis

On March 21, 2023, at approximately 1:06 A.M., multiple law enforcement agencies responded to the residence of 1433 State Route 7 NE, Brookfield, OH 44403 in an attempt to apprehend a wanted suspect. The location of the suspect was reported to be in a cabin, in a wooded area on the property. A stolen pickup truck was reported to be parked near the cabin. Law enforcement personnel made contact with the suspect at the cabin as he exited and got into the pickup truck. Numerous commands were given to the suspect by law enforcement personnel during their contact. The suspect did not comply and began to drive off when several officers engaged their firearms. The pickup truck soon came to a stop and the subject was found to be deceased. No injuries were reported by law enforcement personnel.

Case Background

In the days and hours before the shooting incident that occurred at 1433 State Route 7 NE, local and state agencies had been involved in attempting to locate and apprehend Fred H. Wild III. On two occasions local departments were requested to have Mr. Wild vacated from the premises he occupied. The attempts by law enforcement agencies to locate and/or apprehend Mr. Wild were unsuccessful. During this time, criminal charges arose from different departments for Mr. Wild. Listed below are summarizations from three agencies that had direct involvement, either known or unknown at the time, with Mr. Wild. Complete accounts of each incident may be viewed by a records request from the respective agency.

Investigative Report – Liberty Township Police Department

On March 18, 2023, Liberty Township Police Department received a call of an unwanted person on the property of 969 Keefer Rd. Girard, OH 44420. The caller informed Trumbull County 911 (TC911) Center that her father, Fred H. Wild III, was at her residence and she was frightened by his comments and actions. The caller also advised TC911 that he had an active warrant for his arrest. Liberty Township Police Officers confirmed Mr. Wild had an active warrant and responded to the residence. Before their arrival, Mr. Wild left the residence in a black Dodge Ram, registered to Mr. Wild. Officers checked the area and spotted the truck near a local church. An attempt to conduct a traffic stop was made, but the vehicle did not stop and a pursuit ensued. At some point, the officers lost sight of the vehicle and the pursuit ended. According to the report neither, the vehicle nor Mr. Wild were located. The investigating officer would follow up and file charges against Mr. Wild through Girard Municipal Court for failure to comply with the order or signal of a police officer, Ohio Revised Code 2921.331. The Investigative Report from Liberty Township Police Department is documented as Incident #23-0002901.

Investigative Report – Lordstown Police Department

On March 20, 2023, at approximately 2:05 P.M., Lordstown Police Department received a call of an unwanted person on the property of 8447 Tod Ave. Warren, OH 44481, address to Bare Root Landscaping. A responding officer spoke to the caller while en route and learned the unwanted person was named Fred Wild. The responding officer was also informed by the caller of the pursuit Mr. Wild was in with the Liberty Township Police Department. A current description of Mr. Wild's vehicle was given to be a black Dodge pickup truck. When officers got close to the location, a black pickup truck was seen leaving Bare Root Landscaping. Officers made identification of the vehicle and attempted to stop it. The vehicle began to flee after officers activated emergency lights and sirens. A pursuit ensued for nearly 38 miles which reached speeds up to 110mph with numerous other traffic violations. Officers lost sight of the vehicle as

it drove alongside a set of railroad tracks. Eventually, the Dodge was located, but Mr. Wild had already fled on foot. A search of the area was conducted, but Mr. Wild was never located. Agencies assisting in some capacity include Trumbull County Sheriff's Office, Ohio State Highway Patrol, Vienna Police Department, and Brookfield Township Police Department. The Investigative Report from the Lordstown Police Department is documented as Incident #23-00131. Within the report, the offense is listed as failure to comply with an order or signal of a police officer, Ohio Revised Code 2921.331, a Misdemeanor of the First Degree.

Investigative Report – Brookfield Township Police Department

On March 20, 2023, at approximately 9:20 P.M., Brookfield Township Police Department received a call of a reported motor vehicle theft. An officer responded to the residence of 324 Albright McCay Rd. SE, Brookfield, OH 44403 and made contact with the victim/owner of the vehicle. The victim/owner was identified as William M. Shafer who resides at the property where the vehicle was kept. Mr. Shafer identified the vehicle as a blue and grey 1996 Chevrolet GMT-400 pickup truck with Ohio registration EHM9704. Mr. Shafer informed the officer that the vehicle was stolen between the hours of 5:30 P.M. and 9:00 P.M. The officer received a detailed description of the vehicle and learned it had a yellow Myers snow plow attached to the front. Mr. Shafer also informed the officer that there was a set of keys inside the vehicle, but the exact location of where the keys were was unknown. Mr. Shafer completed an affidavit and the officer cleared the scene. The Investigative Report from Brookfield Township Police Department is documented as Incident #23-001415. Within the report, the offense listed is theft (motor vehicle), Ohio Revised Code 2913.02A1, a Felony of the Fourth Degree.

Shooting Incident Location

On March 21, 2023, a shooting incident occurred at the residential property of 1433 State Route 7 NE, Brookfield, OH 44403. This location is found within Brookfield Township, Trumbull County, Ohio.



Microsoft Bing overhead image of property.

Property Owner – Brain Adkins

Brian Adkins was identified as the property owner of 1433 State Route 7 NE, Brookfield, OH 44403. Mr. Adkins is a witness and the initial caller as to the location of Mr. Wild (on his property) before the shooting incident. Mr. Adkins would later authorize access on his property for reconstruction purposes.

Property Layout

A two-story residential structure is located on the property along with several unattached structures, a swimming pool, and a pond. West of State Route 7, the first approximately 970 feet of land is maintained as a grass yard. Within this area is the housing structure approximately 380 feet from the roadway. To

the south of the house is an in-ground pool with surrounding custom landscape. Beyond the house to the west is a large pond that is roughly two acres in size. North and west of the pond are two garage structures. Beyond the furthest structure, to the west, the grass vegetation transitions to a densely wooded area. Near the northern property boundary, a driveway extends from State Route 7 for approximately 1900 feet west into the wooded area. Once within the canopy of trees, the driveway is bordered by various types of trailers, storage containers/structures, construction equipment/machinery, and numerous other miscellaneous items.

Approximately 1478 feet from the roadway, within the wooded area, a smaller gravel drive extends north to a small cabin. The cabin is approximately 16 feet long by 12 feet wide. Four windows are located on each side wall, and two small ventilation windows are located at the peaks of the gambrel roof. The cabin has one outward swinging man door at the southwest corner facing the driveway. The inside of the cabin is designed as a hunting retreat. The furniture within the cabin consists of a dresser, a small chest, a wooden shelf, small cabinets, folding chairs, a wooden bench, and other miscellaneous items. Utilities within the cabin consist of a wood-burning fireplace and a combination of propane and solar lighting. The walls and roof of the cabin were insulated and each main window was equipped with an adjustable miniblind. Electric and natural gas utilities appeared to be in place for future transitions. Décor within the cabin was predominately hunting-related.

Decedent – Fred Henry Wild III

The decedent in the shooting incident case that occurred at 1433 State Route 7 NE was identified as Fred Henry Wild III. Mr. Wild had two occasions leading up to the shooting incident where he was confronted by law enforcement personnel and was able to flee and evade contact. Law enforcement personnel were attempting to apprehend Mr. Wild at the residence of 1433 State Route 7 NE when he began to flee in a pickup truck. Officers engaged Mr. Wild with firearms and the pickup truck came to a stop. When approached, Mr. Wild had obvious signs of injury and appeared lifeless. The Brookfield Township Fire Department was called to the scene and evaluated Mr. Wild. University Hospital was contacted from the scene and Dr. Andrea Purpura gave permission to pronounce Mr. Wild deceased at 1:34 A.M. on March 21, 2023. Forensic Investigator Tiffany Feskanin D-ABMDI with the Trumbull County Coroner's Office was contacted and responded to the scene. Forensic Investigator Feskanin began investigating the death of Mr. Wild which is documented in Case #23-076. Mr. Wild was transported from the scene and taken to the morgue at Trumbull Regional Medical Center. An autopsy of Mr. Wild would later be performed by the Trumbull County Coroner's Office with the same case number associated.

Officer Information

In an attempt to locate and apprehend Mr. Wild on March 21, 2023, a total of nine law enforcement officers from five different agencies were involved. When Mr. Wild's location was identified, a request for assistance was made to the surrounding law enforcement agencies. The agencies included: the Brookfield Township Police Department, Lordstown Police Department, Vienna Police Department, Trumbull County Sheriff's Office, and the Ohio State Highway Patrol. The officers met at a designated location and were briefed on the situation. It had been planned that the patrol vehicles would be parked near the road at 1433 State Route 7 NE, Brookfield, OH 44403. The officers would then walk down the driveway to a cabin in the woods where Mr. Wild was reported to be. At the location of the cabin, a confrontation ensued which resulted in gunshots being fired by several officers. After the shooting incident occurred, additional law enforcement officers and personnel arrived to assist and investigate.

Assisting Agencies / Departments

The investigation of the shooting incident is the sole responsibility of the Ohio Attorney General's Bureau of Criminal Investigation (BCI). BCI was assisted by its internal sections as well as other state, county, and local agencies. BCI will maintain charge of the investigation until prosecution has been completed or upon direction from the Trumbull County Prosecutor's Office.

Ohio Bureau of Criminal Investigation

Special Agents and Crime Scene Technicians from the Ohio Bureau of Criminal Investigation responded to the scene and began actively investigating the incident. All roles, duties, and investigative findings will be documented within the final case report(s). Special Agent Charles Moran is the lead investigator of the case, which is assigned number #23-0795.

Ohio State Highway Patrol

The Ohio State Highway Patrol had personnel from Columbus General Headquarters, Warren District Headquarters, and the Warren Highway Patrol Post respond to the scene. Responding Sections from the Office of Criminal Investigations and Office of Field Operations included; criminal investigators, a reconstruction investigator, and aviation. Command Staff along with District and Post personnel were at the scene.

Warren District investigators assisted on and off the scene with other local detectives, and later BCI investigators, to preserve the scene/evidence, initiate crime scene procedures (including documentation), and officer/weapon inspections. These tasks were conducted before and after the arrival of BCI investigators. The Warren District Office of Criminal Investigations would later generate an internal incident case. The case documents investigator actions that were taken as a result of *Division Officer Involved Shooting* and *Resisting Arrest*. The incident is assigned Case #23-150001-0401.

The Warren District Reconstruction Unit was contacted and responded to the scene. In coordinating with BCI, it was determined that the Reconstruction Unit would assist with providing a forensic map of the scene. Additionally, a reconstruction investigation would occur to provide bullet trajectory analysis by use of the forensic map. At the conclusion of the reconstruction investigation, a report would be generated and all findings/files/documents would be turned over to BCI. The reconstruction investigation has the following case number assigned #23-3549-00.

The Aviation Section of the Ohio State Highway Patrol received a delayed request and responded to the scene. The request was made purposefully to take overhead daylight photographs of the scene. Plane #6 (Cessna 182) which was piloted by Trooper Milan Milosevic arrived overhead during the active investigation. At this time, it was daylight and Trooper Milosevic took 41 photographs of the scene from various perspectives. After documenting the conditions and scene from overhead, Plane #6 cleared. The Aviation Mission Recap is assigned Request #23-0386.

Trumbull County Coroner's Office

Following the death of Mr. Wild, Forensic Investigator Tiffany Feskanin, D-ABMDI with the Trumbull County Coroner's Office responded to the scene and initiated a medicolegal death investigation case. Forensic Investigator Feskanin prepared a Report of Investigation which shares the same case number as the autopsy examination, #23-076.

County and Local Law Enforcement Agencies

The Trumbull County Sheriff's Office, Brookfield Township Police Department, Vienna Police Department, and Lordstown Police Department had officers on the scene during the shooting incident. It was learned during the reconstruction investigation, that all of the officers had contact either directly, or through dispatch, with their departmental supervision. Eventually, the sheriff and all chiefs of police were made aware of the situation. Each respective agency likely had command staff, personnel, and/or detectives respond to the scene. Internal departmental investigations may have ensued apart from or in conjunction with the BCI investigation. An inquiry into each agency would identify if such an investigation took place.

Fire and EMS Services

Brookfield Township Fire Department was requested by officers at the scene for an EMS response. The fire department arrived and EMS personnel evaluated Mr. Wild. University Hospital Portage was contacted and Dr. Andrea Purpura was informed of the medical findings. Dr. Purpura gave permission to pronounce the time of death at 1:34 A.M. Brookfield Township Fire Department would have generated a report documenting their actions and the medical assessment. An inquiry to Brookfield Township Fire Department would provide more information about their involvement post-shooting.

RECONSTRUCTION UNIT RESPONSE

Request for Assistance – Response

On March 21, 2023, at 3:31 A.M., I (Trooper Steven Tucci) was contacted by Lieutenant Dan Morrison (Warren Post Commander) and requested to respond to a fatal shooting incident at 1433 State Route 7 NE, Brookfield, OH. I was en route a short time later and arrived on the scene at 4:21 A.M. and met with investigating officers. I was advised of the circumstances surrounding the shooting and informed that the incident involved one fatality, who was still on the scene. All of the involved officers had moved off-site to local departmental facilities. After the on-scene forensic mapping effort was completed, I cleared the shooting location at 4:49 P.M. and would complete follow-up work in the months to come.

On-Scene Investigation

The on-scene (reconstruction) investigation consisted of several tasks, focusing on evidence identification, imaging, and measurement. While at the scene I made contact with the property owner, Brian Adkins, and exchanged contact information. Mr. Adkins would later grant permission for me to return on his property for reconstruction purposes.

Initial Scene Survey

Approaching the scene from east to west, approximately 355 feet into the wooded area, yellow police tape was placed across the driveway and secured to establish the crime scene. Officers present at the time of the shooting, immediate responding officers and fire/EMS personnel were removed from the area west of the police tape. Responding departmental personnel, investigators, and fire/EMS personnel were staged east of the police tape. A crime scene log was created and maintained by Detective Sergeant Aaron Kasiewicz of the Brookfield Township Police Department. Any person entering the scene west of the police tape was entered into the crime scene log. The north, south, and west boundaries of the crime scene were not established. The driveway ends west of the shooting site and near the western property

boundary. Beyond the edges of the driveway, areas of grassy vegetation extend to a densely wooded area. Due to the uninhabited surrounding area and the time of the incident, it could be assumed that the scene was secured and would not be contaminated.

Approximately 93 feet west of the police tape was a blue Chevrolet GMT-400 pickup truck with a yellow snow plow attached. It was later confirmed that this vehicle was the same one reported stolen to the Brookfield Township Police Department by William Shafer. The vehicle was parked mostly on the driveway with the left rear wheel just off the northern edge. The vehicle was at a slight angle in relation to the driveway and facing east toward State Route 7. The driver and passenger doors were open and visible defects were observed to the interior and exterior of the vehicle. A white male occupied the driver's seat with his head and upper torso slumped to the right between the center console and steering wheel. The male's right foot was on the brake and he was wearing a cream-colored tee shirt, flannel pants, and boots. A cursory view of the available injuries appeared to show gunshot wounds to his left arm and the back of his head. Broken tempered glass was present inside the vehicle and along the driveway on the right side. The rear tire treads were compacted with dirt and there were dirt deposits along the rear undercarriage consistent with casting from a fast-rolling tire.



Secured scene facing west.

Tire tracks lead from the vehicle's final rest position off the roadway in a northwest direction. The tire tracks are clearly visible off the driveway, as the tire treads displaced the grassy vegetation and exposed the dirt below. Between the left and right tires and along the right side, a tree was uprooted and lying on the ground in the direction of the vehicles' travel. As a result of the vehicle impacting the tree, broken branches were scattered across the driveway.



Secured scene with vehicle at final rest.

Extending north of the main driveway is a small second gravel drive that leads to a cabin. The Chevrolet's tire tracks are clearly visible across the second gravel drive. The tire tracks show the vehicle was parked parallel to the cabin (facing east) and the cabin's outward swinging door would have been closed. The gravel in the drive had been displaced from the tires and exposed the dirt below. Fresh moist dirt had been cast onto the door and side of the cabin. The blinds were up and the window was open on the south side of the cabin. To the north of the main driveway and east of the cabin, there is an area of pallets containing shrink-wrapped stones. A pallet near the left side tire tracks had torn shrink wrap and displaced stones. It is suspected the snow plow made contact with this pallet of stones as the vehicle passed by.



Cabin and tire tracks from the vehicle's movement.

Two flower planters were in the immediate area of the scene, both north of the main driveway with one on the gravel and one in the grass. Fired cartridge cases were located on the left and right sides of the vehicle's path. It should be noted that during the initial scene survey, the ground surface was hard. A shallow ditch along the south side of the driveway had stagnant water in it and a layer of the top surface was frozen. The photograph below shows a portion of the path the Chevrolet took while traversing east.

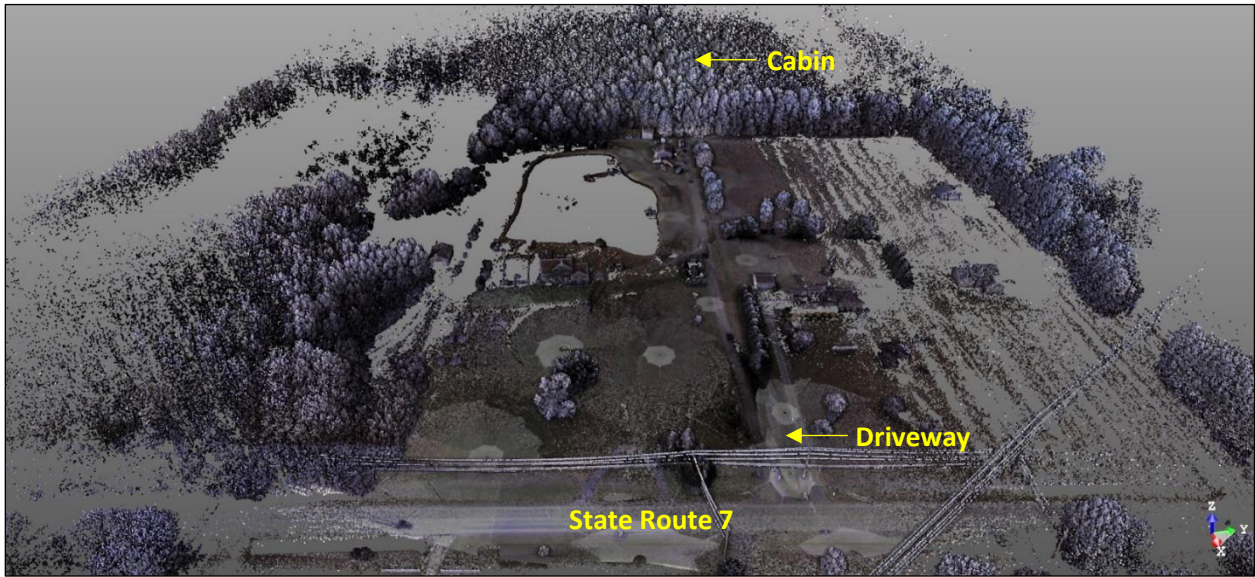


Vehicles path from cabin to driveway.

Forensic Mapping / 3-D Laser Scanning

Once the initial inspection of the scene was completed and evidence identified, a forensic mapping effort was underway. The task of forensic mapping included laser scanning items of evidentiary value and the immediate and surrounding areas. Three different surveying device platforms were used to generate a complete map of the scene. Control points were placed on the ground and throughout the scene to allow the different platforms to be georeferenced. A Trimble SX-10 scanning total station (SN: 30411395), accompanied by the Trimble Access (Ver. 2018.22) survey application was used as a free-scanning station. The SX-10 was maneuvered throughout the scene to document specific and general items and/or areas. A total of 45 scans were recorded during the active investigation, as the scene remained upon arrival. The scan type properties included rectangular, horizontal band, and full dome with coarse density. The scene was returned to on March 24th to continue the scanning effort of the roadway and surrounding landscape. An additional nine scans were taken with rectangular and horizontal band properties using a standard and course density. Using Trimble RealWorks Forensics (Ver. 11.2.2.103) 51 of the 54 scans were registered with a satisfactory confidence level. Scans 2, 49, and 54 were found to have some type of error during the scanning or photographing process. For these reasons, the three scans were omitted from the final

scene. Scan 2 was taken from the east side of the police tape and south of the driveway. Scan 49 was taken from the southeast corner of the house and Scan 54 was taken from the east side of State Route 7. Featured below is the scanned scene facing west. Yellow notations and arrows offer some orientation.

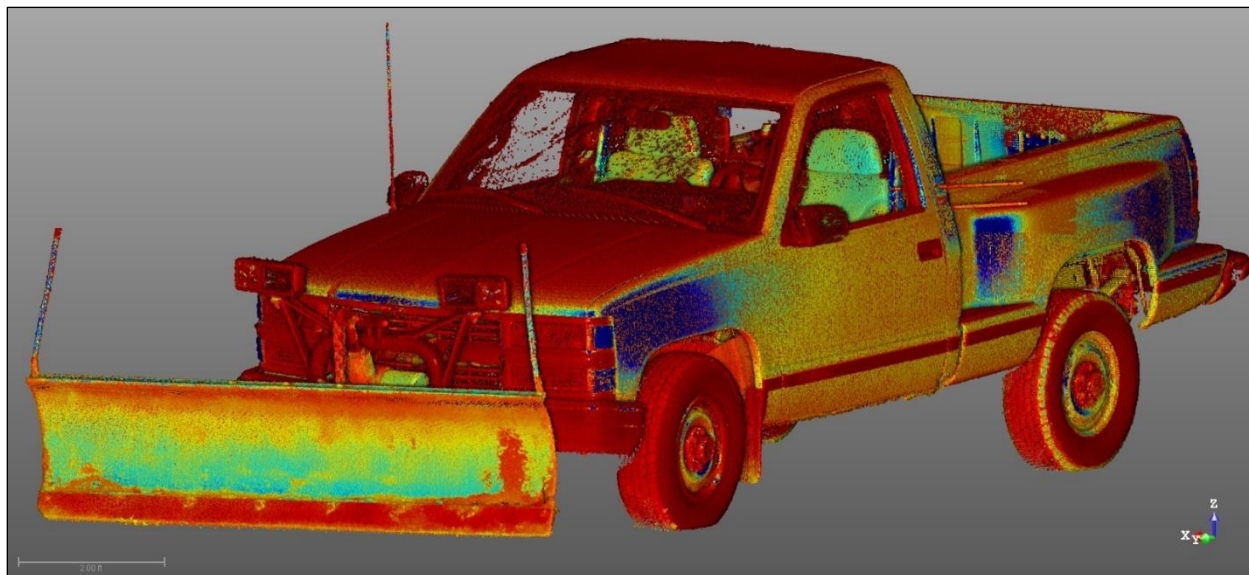


Scanned scene of 1433 State Route 7 NE (facing west).

At the conclusion of the on-scene investigation, the Chevrolet GMT-400 was recovered by a tow service and transported to the Brookfield Township Police Department where it was secured. On March 22, 2023, I met with BCI Investigators at Brookfield Township Police Department. Under the authority of consent from William Shafer, the registered owner, the Chevrolet would be processed. The reconstruction role during this process would include laser scanning the vehicle, with and without trajectory rods inserted. Photographs of the vehicle's overall condition as well as specific bullet defects were also captured. Using the same surveying equipment, a total of 24 scans were taken using rectangular properties and course density. Trimble RealWorks Forensics was used to register and segment all of the scans. The complete scan project would later be used in analysis.

Upon evaluating the scan data, it was determined that a more detailed scan of the vehicle's interior and windows would better aid during analysis. Mr. Shafer was contacted and granted consent to rescan the vehicle that was currently being secured at Brookfield Township Police Department. On May 5, 2023, I went back to Brookfield Township Police Department and scanned the vehicle using a Trimble X7 (SN: 89802430), accompanied by Trimble Perspective (Ver. 3.1.1.1878) and Trimble Capture (Ver. 3.8.051) survey applications. A total of 12 scans were taken of the Chevrolet's exterior and interior features, while trajectory rods were inserted. The scan density varied by time, depending on the focus, and if images were selected on or off. The scans were automatically registered with an average error of 1.3 mm.

The same software, Trimble RealWorks Forensics, was used to segment and produce the complete vehicle scan for use in the reconstruction analysis. Featured below is the fully scanned Chevrolet using the Trimble X7. The points are rendered with color-coded intensity for easier viewing rather than true color.



Scanned 1996 Chevrolet GMT-400.

Forensic Mapping / Total Station

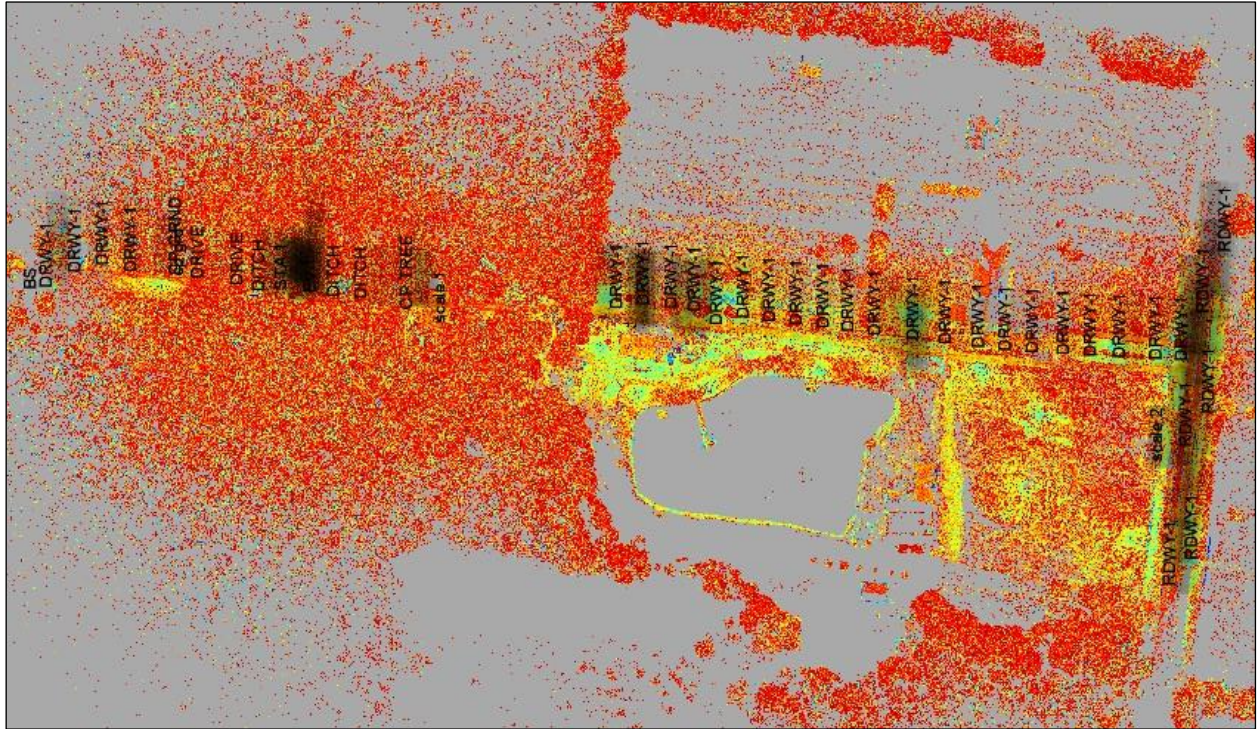
In conjunction with the scanning effort, a total station was used to document evidence-specific items and general landscape features. The device used was a Trimble S5 robotic total station (SN: 37110824) accompanied by Trimble Access (Ver. 2017.21) survey application. The total station was placed on the driveway west of the cabin using a backsight located at the furthest point west of the driveway. The device was used in both the direct and reflector modes depending on the subject target. During the mapping effort, three control points were recorded in order for other mapping platforms to be georeferenced. A total of 112 measurement points were documented to include station location, backsight, and scale accuracy check. Included with the total measurement points, evidence placarded one through twelve and twenty were recorded.

Forensic Mapping / Global Navigation Satellite System (GNSS)

In addition to the laser scanner and total station, a Global Navigation Satellite System (GNSS) receiver was incorporated into the forensic mapping effort. The device used was a Trimble R8s GNSS receiver (SN: 5749R00011) accompanied by the same Trimble Access (Ver. 2017.21) survey application. During use, communication with the Continuously Operating Reference Station (CORS) network was established to receive corrections and data from the local coordinate system Ohio North 3401. The GNSS receiver was used during the active investigation and a second time at the scene on March 24th. A total of 170 measurement points were recorded including scale accuracy checks and two ground control points. The main focus of the GNSS receiver was to document the driveway, roadway, and ground control points.

All processed data from the laser scanner, total station, and GNSS receiver were brought into Trimble Forensics Reveal (Ver. 2.7.2.3) to be georeferenced. The result was the establishment of a forensic map

to be used for reconstruction analysis. All measurements contained in this report were taken from Trimble Forensics Reveal or Trimble RealWorks Forensics unless otherwise noted. To ensure accuracy and reduce the risk of introducing errors, integrity was maintained between device platforms when measuring from one point to another. Featured below is an excerpt of the forensic map from a top-down view with the point cloud rendered as color-coded intensity for ease of view. The total station and GNSS points cannot be seen from this height; however, the labeling of each point is visible in black font.



Forensic map of scene showing scan, GNSS, and total station data.

Photography

During the reconstruction investigation, color photographs from OSHP, BCI, and Trumbull County Coroner’s Office were reviewed. OSHP photographs were taken by three separate individuals and retained by either the Division’s Photographic Services Unit, internal storage, or Axon Evidence under the following numbers:

Axon Evidence

23 150001 0401

Taken by Trooper Brian Depizzo, there are a total of eight digital images that include the Chevrolet (facing west) and OSHP officers post-shooting.

Photographic Services Unit

DHQ0401-21260

60 digital images were taken by Trooper Steven Tucci while on scene for the reconstruction investigation. The majority of the images focused on overall scene landmarks that would be used for reference and aid in registering scan data. A group of photos were taken of two trees that were located and suspected of receiving projectile strikes.

Internal Storage

23-0386

Trooper Milan Milosevic with the Division's Aviation Section flew overhead on the day of the incident and took 41 digital images giving an aerial perspective.

Photographic Services Unit

DHQ0401-21263

On March 22nd Trooper Tucci took 51 photos of the Chevrolet while it was being processed at Brookfield Township Police Department. The images focused on the overall vehicle and evidence-specific subject matter.

Photographic Services Unit

DHQ0401-21265

Trooper Tucci took 12 digital images on March 24th while at the scene. The majority of the photos are of the two trees with suspected projectile strikes. The remaining photographs are of the cabin.

Photographic Services Unit

DHQ0401-21291

57 digital images were taken by Trooper Tucci on May 5th at Brookfield Township Police Department. The subject matter was of the Chevrolet pickup truck and suspected bullet defects. Trajectory rods were placed inside the vehicle to show a general projectile direction and give orientation.

BCI Special Agent, Charles Moran, provided all photographs taken at the scene and during the follow-up investigation. The photographs were delivered electronically on a thumb drive to the Warren Post and later relayed to the Lisbon Post. Additionally, Special Agent Moran provided 212 digital images taken during the autopsy by the Trumbull County Coroner's Office. The photographs were delivered through a secured software company Kiteworks.

RECONSTRUCTION ANALYSIS

Objectives

Once the on-scene and follow-up investigation was concluded, a post-incident/reconstruction investigation began. The reconstruction investigation is assigned case number 23-3549-00. The reconstruction case undertook the task of developing a forensic map of the scene and determining bullet trajectories.

Resources / Investigative Aids

Listed below are some of the resources used in the completion of the reconstruction analysis. When applicable, excerpts from particular reports, exhibits, or media were included.

1. Investigative Reports / Cases
 - a. Liberty Township Police Report #23-0002901
 - b. Lordstown Police Report #23-00131
 - c. Brookfield Township Police Report #23-001415
 - d. Ohio State Highway Patrol Case #23 150001 0401
 - e. Lordstown Police Report #23-00133

- f. Trumbull County Coroner’s Report #23-076
2. Computer-Aided Dispatch (CAD) Reports / Logs
 - a. Ohio State Highway Patrol – P23032100000017
 - b. Lordstown PD – BRO2301702
3. Google Maps -
Imagery ©2023 Airbus, Maxar Technologies, State of Ohio / OSIP.USDA/FPAC/GEO. Map data ©2023
4. Google Earth Pro – (Version 7.3.6.9345) ©2022 Google LLC.
5. Microsoft Bing ©Vexcel Imaging ©2023 Microsoft
6. Video Files
 - a. Surveillance cameras at 1433 State Route 7
 - b. Enhanced body camera footage by the Ohio Organized Crime Investigations Commission (OCIC)
23-00031 Multicam Presentation / 23-00031 Multicam Presentation – Speed Views
 - c. Ohio State Highway Patrol body and vehicle cameras
 - d. Enhanced body camera footage by the OSHP Computer Crimes Unit
 - e. BCI drone footage
 - f. Brookfield Township Police Department body cameras
 - g. Vienna Police Department body camera
7. Photographs
 - a. OSHP
 - b. BCI
 - c. Trumbull County Coroner’s Office
8. Documents
 - a. BCI Evidence list Case #23-0795
9. Forensic Mapping Equipment and Software
 - a. Trimble SX-10 scanning total-station (SN: 30411395)
 - b. Trimble X7 laser scanner (SN: 89802430)
 - c. Trimble S5 robotic total-station (SN: 37110824)
 - d. Trimble R8s GNSS receiver (SN: 5749R00011)
 - e. Trimble Access (Ver. 2018.22)
 - f. Trimble Access (Ver. 2017.21)
 - g. Trimble Perspective (Ver. 3.1.1.1878)
 - h. Trimble Capture (Ver. 3.8.051)
 - i. Trimble RealWorks Forensics (Ver. 11.2.2.103)
 - j. Trimble Forensics Reveal (Ver. 2.7.2.3)
10. Forensic Map of Scene and Vehicle

Trajectory / Flight Path Determination

In addition to evidence documentation, the laser scans were used to establish potential bullet trajectories. Eight (8) of the defects were found to provide satisfactory flight paths with the usage of metal rods. The rods were inserted and documented using a laser scanner. From these measurement points, trajectory paths would be created to investigate: viability, vertical angle or rate of rise/fall, horizontal angle and potential origin. Using the CAD applications Trimble Forensics Reveal and Trimble RealWorks Forensics to process the measurement points, specific data regarding each flight path was generated. Calculations were performed to determine a rise/fall rate (per foot) for each trajectory. The rise/fall rate could later be applied to a particular distance from the defect location to examine viability options. Technical information accompanies each trajectory, involving the following definitions:

Horizontal Angle:

The angle of the incoming path, into the vehicle, in relation to the longitudinal axis of the vehicle. Measurement taken from the trajectory rod, as zero degrees along the x axis, using the left-hand and right-hand rules. The front of the vehicle is considered the positive quadrants along the y axis.

Vertical Angle:

Angle of the path from the terminus, final defect, or predetermined location outward from the vehicle.

Horizontal Distance:

Distance between the two measurement points along the horizontal plane.

Vertical Delta:

Elevation change incurred by the path between the two measurement points.

Vertical Delta Rate:

Elevation change (in feet) per horizontal foot traveled.

Trajectory T-1

Reference:	BI 1.0 and BI 1.1	
Trajectory Data:	Horizontal Angle	128.86°
	Vertical Angle	1.91°
	Horizontal Distance	1.00 ft.
	Vertical Delta	0.03 ft.
	Vertical Delta Rate	0.03 ft.
	Height (from ground)	4.21 ft.

Trajectory T-2

Reference:	BI 2.0 and BI 2.1	
Trajectory Data:	Horizontal Angle	129.80°
	Vertical Angle	2.37°
	Horizontal Distance	1.00 ft.
	Vertical Delta	0.04 ft.
	Vertical Delta Rate	0.04 ft.
	Height (from ground)	3.89 ft.

Trajectory T-3

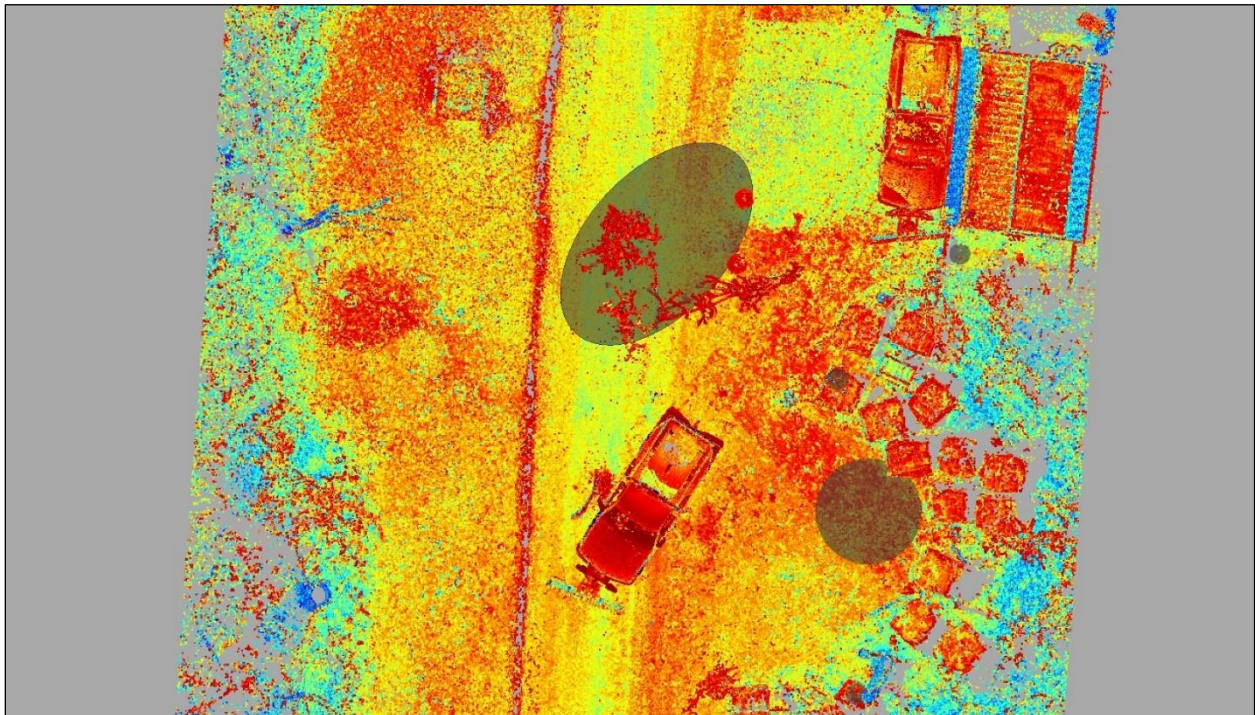
Reference:	BI 5.0 and BI 5.1	
Trajectory Data:	Horizontal Angle	131.37°
	Vertical Angle	3.42°
	Horizontal Distance	1.00 ft.
	Vertical Delta	0.06 ft.
	Vertical Delta Rate	0.06 ft.
	Height (from ground)	3.67 ft.

Trajectory T-4

Reference:	BI 6.0 and BI 6.1	
Trajectory Data:	Horizontal Angle	132.90°
	Vertical Angle	5.48°
	Horizontal Distance	1.00 ft.
	Vertical Delta	0.10 ft.
	Vertical Delta Rate	0.10 ft.
	Height (from ground)	3.71 ft.

Forensic Map Analysis

After reviewing the available video footage, general areas of officer locations at the time of the shooting were placed within the forensic map. Featured below is a reduced scene of the forensic map rendered as color-coded intensity. The map shows a top-down view of the scene with the Chevrolet at the approximate start location (near the cabin) and end location (partially on the driveway). Dark shaded ellipses were placed in the general areas where officers may have been at the time of the shooting.



Forensic map excerpt showing vehicle positions and potential officer locations at the time of gunfire.

Featured below is a series of images from the forensic map showing bullet trajectories from various perspectives. The point cloud is rendered in gray scaled intensity with each trajectory assigned a contrasting color. Each trajectory was assigned a three-degree cone of variance and given a random length toward the suspected officer locations. The Chevrolet is shown at final rest and along its path from the approximate starting position. The images are not representative of how the events occurred, but a graphic illustration showing the vehicle's movement in comparison with the trajectories.



Top-down view showing trajectories 1, 2, 3, and 4. Vehicle along path from start to final rest.



Trajectories 3 (orange) and 4 (teal) from a right rear perspective.
Vehicle along path from start to final rest.



Trajectories 1 (teal) and 2 (orange) from a left rear perspective.
Vehicle along path from start to final rest.



Top-down view showing trajectories 1, 2, 3, and 4. Vehicle at final rest.



Trajectories 3 (orange) and 4 (teal) from a right rear perspective. Vehicle at final rest.



Trajectories 1 (teal) and 2 (orange) from a left rear perspective. Vehicle at final rest.

As the scene was processed by BCI investigators, evidence was identified, photographed, and marked with placards. Additionally, each piece of evidence was documented during the scanning process and by use of a total station. Below are images showing specific evidence locations in relation to the scene. BCI's Evidence Receipt will contain specific information regarding each piece of evidence.



Evidence marker locations, #1 through #12 and #20. Vehicle at final rest.



Evidence marker locations, #1 through #12 and #20. Scene as scanned.

Conclusion(s)

- On March 21, 2023, at approximately 1:06 A.M., a shooting incident occurred at the address of 1433 State Route 7 NE, Brookfield, OH 44403 which resulted in the death of a male subject, Fred Wild. At the time of the shooting, Mr. Wild was attempting to flee the area in a pickup truck.
- As a result of the shooting incident, reconstruction assistance was requested to produce a forensic map of the scene and perform bullet trajectory work.
- A total of eight (8) bullet defects were found on the vehicle to support four satisfactory trajectories with the insertion of metal rods.
- The computer-aided design (CAD) programs, Trimble RealWorks Forensics and Trimble Forensics Reveal generated a forensic map of the scene and vehicle for analysis. Each trajectory provided technical data regarding angles and measurements. Calculations were performed to identify a vertical elevation change over a given distance for each trajectory.
- The shooting incident was found to be a complex dynamic case in which distances were continuously changing as the vehicle and officers moved through time. Shot cones with a three-degree variance were assigned to each trajectory when the vehicle was at final rest and during its movement to final rest. The shot cones were used to show a comparison relationship between each trajectory and the general locations where officers were positioned.
- If more information becomes available regarding specific officer and vehicle locations, additional analysis may be performed.

The reconstruction case undertook the task of analyzing specific objectives as they relate to the forensic map of the scene and vehicle. The reconstruction efforts should be considered a supplement to BCI's full investigation. Limited information was provided by BCI to complete the reconstruction case. It should be noted that BCI has additional information that may provide insight into the areas that were analyzed in this report. The additional information was purposefully not requested or discussed to maintain transparency. The investigative findings of BCI have not been viewed as of the publishing of this report. All of the electronic reconstruction case files will be forwarded to BCI as part of their investigation.

REPORT INFORMATION

OSHP Reconstruction Report No. 23-3549-00 was completed on September 27, 2023, and later submitted to OSHP supervision and the Bureau of Criminal Investigation. The physical report was prepared by a single investigator while contributors provided content for particular sections. Before completion, the report was subject to a peer review process covering content, theory, and accuracy. The report and findings were generated utilizing all known/available information at the time of writing. The report and findings may be revised upon the introduction of new evidence associated with this case.

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