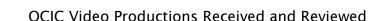


Investigative Report



**Investigative Activity:** 

Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



Involves: Ohio Organized Crime Investigations Commission

(OOCIC)

**Activity Date:** 03/18/2025

**Activity Location:** BCI, 4055 Highlander Parkway, Richfield, OH 44286

SA Nicholas Valente #139 **Authoring Agent:** 

#### Narrative:

On Tuesday, March 18, 2025, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) Nick Valente (SA Valente) received three disks from the Ohio Organized Crime Investigations Commission (OOCIC). SA Valente had previously sent video recordings (Item #H) to OCIC from body cameras received from the Alliance Police Department. OCIC was requested to perform various enhancements of the submitted video as detailed below. On April 22, 2025, SA Valente received documentation from OCIC.

SA Valente reviewed the documents and disks from OOCIC. The documents were:

1. OOCIC Evidence Submission Form 25-00009

This document was the submission sheet created to submit the video recordings to OCIC. It also documented the creation of data disks by OOCIC.

2. OOCIC Chain of Custody Report 25-00009

This document was the chain of custody for OOCIC.

3. OOCIC Curriculum Vitae 25-00009

This document was the curriculum vitae for OOCIC Analyst David Loomis.

4. OOCIC Forensic Video Analysis Report 25-00009

The report was authored by OOCIC Analyst David Loomis.

SA Valente reviewed the three data disks created by OOCIC and noted the following:

The three discs all contained duplicative copies of the same information. The discs contained two folders each. These folders were titled "25-00009 Hash Values" and "25-00009 Video Presentations." The folder titled "25-00009 Hash Values" contained two



Investigative Report







spreadsheets containing hash value data for the video files. The folder titled "25-00009 Video Presentations" contained ten MP4 video productions.

The fist video production, titled "24-00009 Synchronized Presentation - Speed Views," was a video production of Officers Brown, Vesco, and body-worn camera (BWC) recordings synchronized and played together at both half speed and full speed. This production included the addition of audio wave bars below each officer's BWC video. The production further included a frame counter overlayed on each officer's BWC video. A synchronized timecode feature was also added to the right of the videos.

The second video production, titled "24-00009 Synchronized Production," was a video production of all four officers played together while synchronized with frame counters, audio waveforms, and a timecode added.

The remaining video productions were specific to each officer and included productions of each officer's BWC with frame counters, audio waveforms, and a timecode added at both full speed and half speed.

The following snippets were taken from the OCIC video productions. The first frame, included below, depicts all four officers' BWC perspectives as the officers rode an elevator together to the fifth floor of the victim's apartment building.



24-00009 Synchronized Presentation - Speed Views Snippet #1



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2025-0151





Officer Brown was the first officer to exit the elevator onto the fifth floor. As Officer Brown exited the elevator, a man standing in the hallway just to the side of the elevator door placed his right hand and arm out in front of Officer Brown. The man then cautioned the officers, "He's got a gun on her. He shot her." A yellow oval annotation was added over this party in the top right of the image below. Officer Brown was followed out of the elevator by was third to exit the elevator. Officer Vesco was last to exit the elevator.



24-00009 Synchronized Presentation - Speed Views Snippet #2
Officer Brown exiting the elevator.



Investigative Report







The following two frames depict the positioning of the four officers at the approximate moment and and exited the elevator.



24-00009 Synchronized Presentation – Speed Views Snippet #3 exiting the elevator.



24-00009 Synchronized Presentation – Speed Views Snippet #4 exiting the elevator.



Investigative Report







Officer Brown led the group of officers down the hallway to the right of the elevator. Officer Brown raised his duty pistol and pointed it in the direction of the end of the hallway where the subject, Mason French (French), and the victim, Stacy Pride (Pride) were located. Almost immediately after exiting the elevator, Officer Brown yelled, "He's got a gun. Put it down! On the ground now!" A voice can be heard in the distance and appeared to respond, "No."



24-00009 Timeline Presentation - Brown Snippet #1 Officer Brown pointing his pistol in the direction of French and Pride.

French appeared to point his arm and hand down towards Pride as Officer Brown approached him. French then momentarily backed out of the hallway and into Pride's apartment. Pride's apartment was the last door at the end of the hallway on the right. French briefly exited the view of Officer Brown's BWC before quickly reappearing.

Upon reappearing in view of Officer Brown's BWC, French again leaned down and towards Pride with at least one arm extended out and towards her.



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The following image is a cropped view of the previous frame. A yellow rectangle annotation was placed over French and Pride.



24-00009 Timeline Presentation - Brown Snippet #1 Cropped Cropped view of the above image. Pride appeared to be lying on her back with her head to the right, legs elevated and bent at the knees, with feet to the left. French's upper body is visible extending out of the doorway to Pride's apartment. French is leaning down, facing Pride, with at least one arm pointed down and towards Pride. Yellow outline added around French and Pride.



Investigative Report

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As Officer Brown finished yelling the order "Put it down! On the ground now!", a loud percussive sound consistent with a qunshot began. This, and other loud percussive sounds consistent with gunshots, will be referred to as gunshots for simplicity's sake from this point forward in this report.

This first gunshot began around frame 5,375 of Officer Brown's BWC production. This gunshot began approximately 5.07 seconds after Officer Brown was crossing through the threshold of the elevator door, 2.25 seconds after was crossing the threshold of the elevator door, and 1.75 seconds after was crossing the threshold of the elevator door.



24-00009 Timeline Presentation - Brown Snippet #2 Depicting the approximate moment the first shot was fired.

As the sound of the first gunshot began to fade away, a voice that appeared to come from the end of the hallway, presumed to be that of Pride, began yelling out "Ahhhhhhhhhhhhh."

The group of four officers continued to walk down the hallway towards the subject and victim after French appeared to have just shot Pride in the officers' presence.



Investigative Report

2025-0151

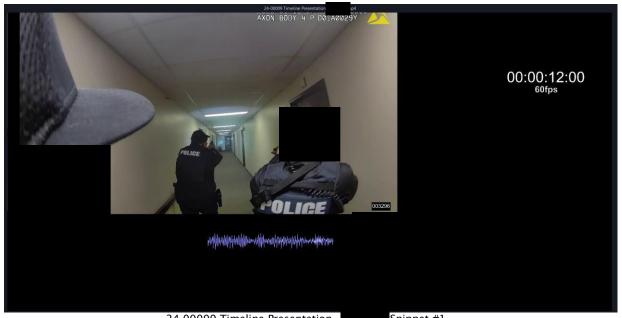




A second possible gunshot is heard beginning around the 00:00:12:00 mark of the synchronized production. This shot also appeared to have been fired by French.



24-00009 Synchronized Presentation - Speed Views Snippet #5 Depicting the approximate moment the second shot was fired.



24-00009 Timeline Presentation -Snippet #1 Depicting the approximate moment the second shot was fired.



**Investigative Report** 









24-00009 Timeline Presentation -Depicting the approximate moment the second shot was fired.



Investigative Report



2025-0151

Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County

Officer Brown momentarily stopped, allowing and to take the lead positions in front of him. While doing so, Officer Brown yelled, "Go, go, go. Get up here. Get up here motherfuckers, go." Officer Brown reached out and grabbed the left arm of in an apparent attempt to expedite into a lead position.



Depicting Officer Brown grabbing the left arm of



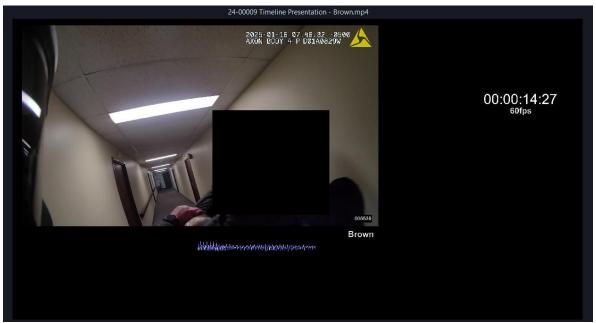
Investigative Report



Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



Officer Brown then grabbed the left arm of to pull him forward more quickly as well.



24-00009 Timeline Presentation - Brown Snippet #3 Officer Brown appearing to pull the left arm of



24-00009 Timeline Presentation - Brown Snippet #4



Investigative Report

2025-0151 Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



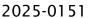


Pride lying on her back with her head to the right and one leg up. French partially visible in the threshold of Pride's apartment with his right partially extended away from his body and upward. Orange circle placed around Pride. Yellow oval placed around French.

Officer Brown then placed his hand on the back shoulder of same time, French partially reappeared from Pride's apartment into the common hallway. French faced the group of officers and appeared to raise his right arm and hand upward as can be seen in the cropped image of the above frame. A yellow oval annotation was added over French and an orange oval annotation was added over Pride. then yelled to French, "Drop the weapon." The video quality is not clear enough to determine exactly what French did next. However, in the following frames French was observed falling onto the hallway floor as and began to fire their rifles in the direction of French. Officer Brown's hand remained on the back right shoulder of began to kneel forward and fire. also knelt down as he began to and began to fire almost simultaneously. The following three images demonstrate the various BWC perspectives at the approximate time and began to fire.

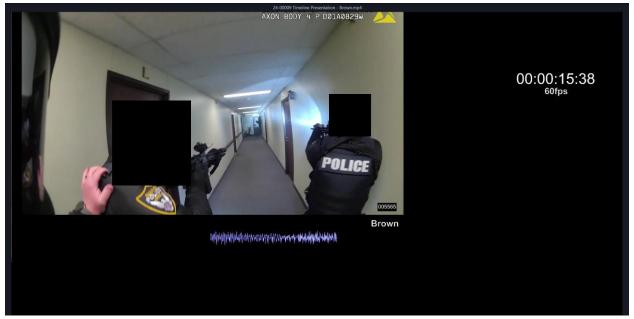


Investigative Report









24-00009 Timeline Presentation - Brown Snippet #5 Officer Brown's POV at the approximate time officer began to fire in the direction of French.



24-00009 Timeline Presentation - Brown Snippet #5 Cropped view of the above frame.



### Ohio Attorney General's Office Bureau of Criminal Investigation Investigative Report



2025-0151

Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



24-00009 Synchronized Presentation – Speed Views Snippet #5 Perspective of all four officers at the moment officers began to fire.

It could not be determined from the video productions which officer fired first or last. It is, however, clear that both officers began to fire and stopped firing within a fraction of a second of each other. Both officers began to fire approximately 8 seconds after crossing the threshold of the elevator doors.

and began to fire at approximately 00:00:15:37. The last shot fired by the officers occurred at approximately 00:00:17:30, approximately 1.87 seconds after they began to fire.

It could not be determined from the video how many times each officer fired.



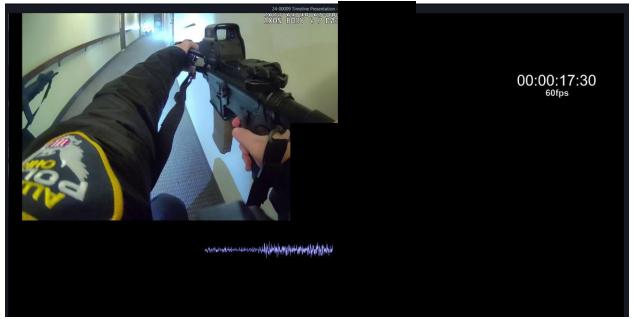
Investigative Report



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Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County

The following frames demonstrate the BWC perspectives of the involved officers at the approximate moment the final shot was fired.



24-00009 Timeline Presentation – Snippet #3

perspective at the moment the last shot was fired by officers.



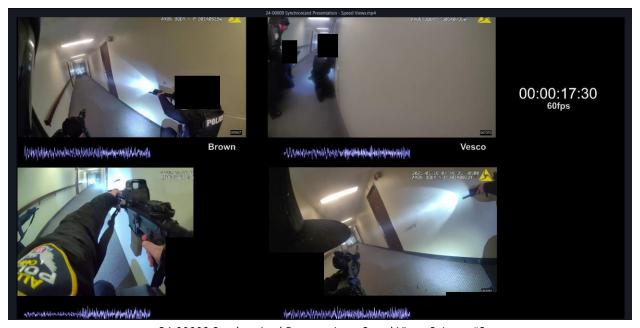
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Investigative Report



### 2025-0151 Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



24-00009 Synchronized Presentation – Speed Views Snippet #6 Combined view of all four officers at the approximate moment the last shot was fired.

Immediately after the gunfire stopped, Officer Brown yelled out "stop." Officer Brown then stepped in front of and and Officer Brown and Officer Brown and Officer Vesco walked to the end of the hallway where French and Pride were located. Both French and Pride were found lying face up. A small black pistol was visible on the ground between the two.



### Ohio Attorney General's Office Bureau of Criminal Investigation Investigative Report

HO RCI

2025-0151

Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



24-00009 Timeline Presentation - Brown Snippet #6 Officer Brown's BWC perspective as he approached the subject and victim.

Once Officer Brown reached Pride's general location, he stated, "She's still breathing get me an ambulance now."

The slide on the small black pistol located between French and Pride appeared to be locked back, indicative of the weapon having fired all the cartridges contained in the magazine. A yellow oval annotation was added to the image below noting the location and condition of the pistol upon the officers' approach.



Investigative Report









24-00009 Timeline Presentation - Brown Snippet #7 Pistol as found by officers upon their approach. Note the slide appeared to be locked back.



24-00009 Timeline Presentation - Brown Snippet #7 Cropped
The synchropized of Octoon violage productions and advantable the Octoon violage on ge.
the officers' BWC recordings.

SA Valente also reviewed the original BWC recordings and noted the following, which were not part of the OOCIC production:

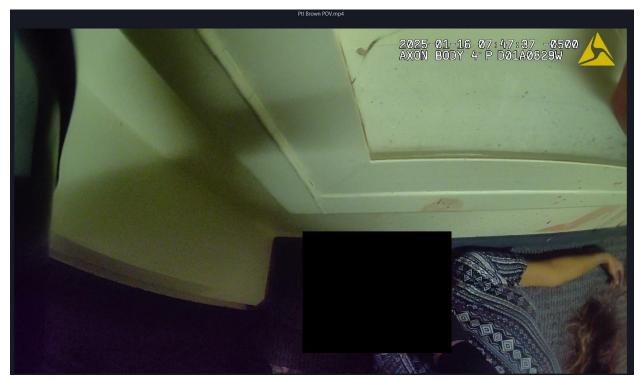


Investigative Report



Approximately 38 seconds after the OOCIC productions ended, Officer Brown told and and to secure their rifles in their vehicle and wait there. and then walked to the elevator and the two involved officers stopped their BWC recordings.

Officer Brown then appeared to check Pride's carotid artery for a pulse.



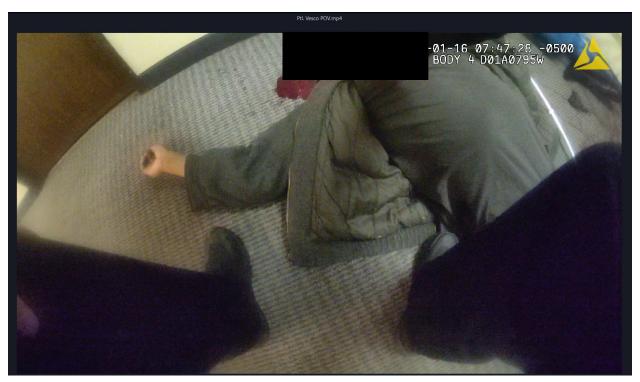
24-00009 Ptl. Brown POV Snippet #1 Officer Brown touching the neck of Pride.



### Ohio Attorney General's Office Bureau of Criminal Investigation Investigative Report



2025-0151 Officer Involved Critical Incident - 350 South Arch Avenue, Alliance, Ohio 44601, Stark County



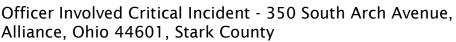
24-00009 Ptl. Vesco POV Snippet #1 Officer Vesco touching the neck of French.

Officer Vesco then appeared to check French's carotid artery for a pulse.



Investigative Report







Officer Brown and another officer who had just arrived on scene then checked Pride's open apartment for signs of anyone else inside. The officers did not locate anyone inside Pride's apartment. While checking the apartment, Officer Brown's BWC captured a defect in the paneling on Pride's closet door, just inside the main entranceway of the apartment.



24-00009 Ptl. Brown POV Snippet #2 Defect in closet door. Yellow oval annotation added to image.

While Officer Brown checked Pride's apartment Officer Vesco cleared the stairwell at the end of the hallway.



Investigative Report







#### ADDITIONAL FACTORS FOR EVALUATING THE VIDEO RECORDINGS

There are numerous other factors that need to be considered when reviewing and evaluating the videos and audio recordings of this incident. Those factors are:

A. Video recording devices record within the video and sound capabilities available, and they record objectively. Video recordings lack the history, perspective, and interest of the people involved. The positions, angles, obstacles, lighting, and distance from the incident are also factors that need serious consideration.

**B.** Video recording devices also record more information about a particular scene or incident than the person(s) involved in the incident can process during the critical incident. Video recording devices rarely record an event from the same perspective of the officer. It captures the action but not the perception, decision making, focus, or intent of the officer. Video recordings often miss tactile cues or other actions of a subject.

C. The speed of the incident is remarkable. The speed and complexity of rapidly evolving situation(s) that occur during use of force encounters are difficult concepts to comprehend by only watching the video.

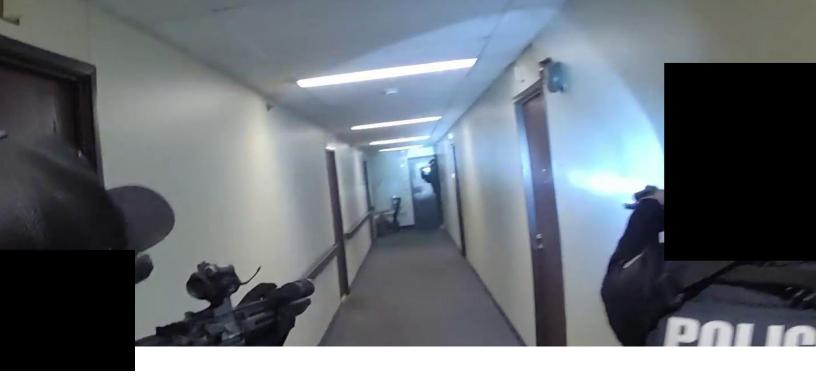
The documents received from OCIC were attached to this report. The disks received from OCIC were submitted to the physical BCI case file as item I for reference only. The video was also uploaded to the evidence.com case file and was placed in the Reference Item I folder.

#### References:

I - OOCIC Video Production - evidence.com and physical case file (DVDs)

#### **Attachments:**

- 1. A collection of frames and snippets of these frames from the OOCIC video productions.
- 2. OOCIC Paperwork





 $00:\!00:\!14:\!27$ 

24-00009 Timeline Presentation - Brown.mp4



00:00:09:15

Brown





00:00:07:28

Brown





00:00:17:30 <sub>60fps</sub>

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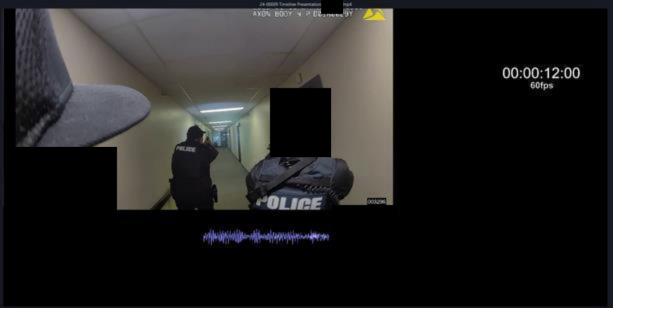


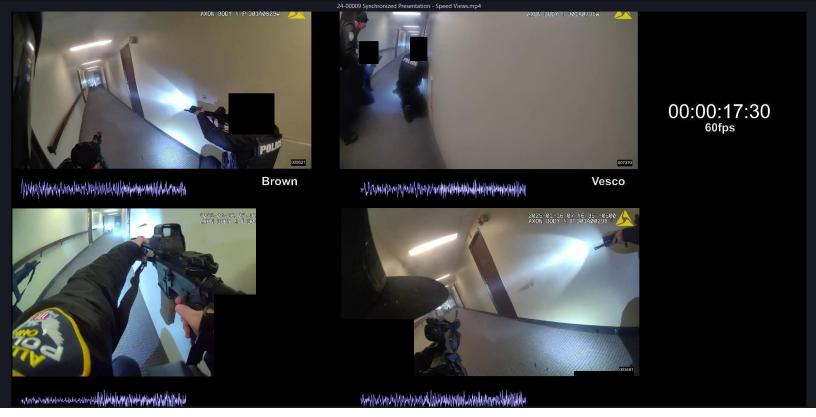
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00:00:17:30 60fps









24-00009 Synchronized Presentation - Speed Views.mp4



Brown

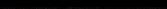


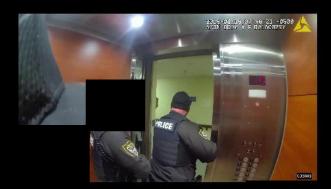


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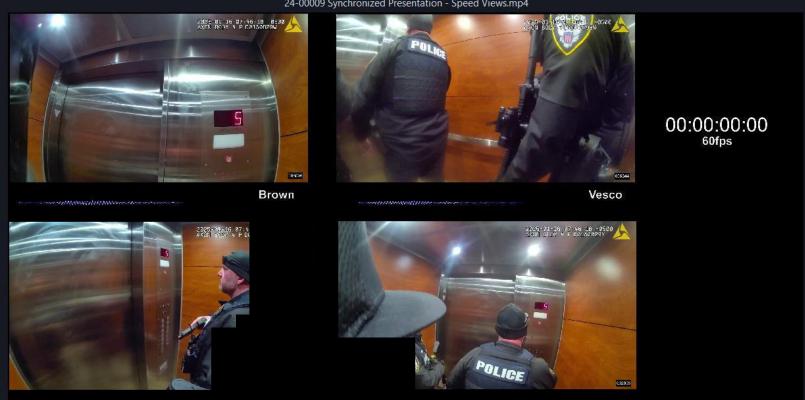








24-00009 Synchronized Presentation - Speed Views.mp4



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Brown



24-00009 Timeline Presentation - Brown m



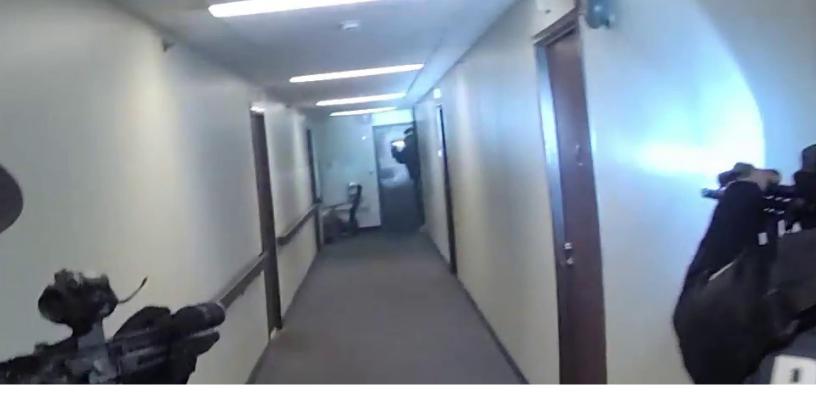
00:00:35:39

Brown



00:00:15:38

Brown





00:00:15:35 60fps

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Laboratory Evidence Submission						Date/Time Received: BCI Case Number:						
Received By: Nissa Low Receiving Lab: OCIC - Ohio Organized Crime Investigations Com						01/30/2025 3:32 pm Thursday <b>25-00009</b>						
New Case ADD'L (If checked, provide BCI Case No)					Agency Case Number: 2025 - 0151							
Case Type: Date of Offense: Shooting Involving an Officer 01/16/2025									County of Submitting Agency: Summit County			
Subject(s): (First, MI, La	st Name)	In Custody	Charged	Trial D	ate	Grand Jury	Arrest #	BCI#	Sex	DOB		
Mason French									М			
Victim(s): (First, MI, Las	t Name)						State ID#	BCI#	Sex	DOB		
Stacy Pride												
Submitting Agency Name	/ORI:				Investigating Officer Name: Nick Valente							
BCI / Richfield OHBCI0000						Investigating Officer Phone: (614) 208-3622						
				ĺ	Investigating Officer Email: Nicholas. Valente@OhioAGO.gov							
Mailing Address: 4055 Highlander Parkway Richfield, OH 44286					Submitting Officer: Nick Valente							
				BCI Crime Scene Agent:			Crime Scene Case No:					

Test item submission establishes an agreement for testing between the submitting customer and the BCI laboratory. The laboratory employs standardized methods to fulfill customer test requests. Specific method selection, application and sequence are at the discretion of the laboratory, unless otherwise directed by the customer, investigative information obtained as a result of the laboratory testing may be disseminated to other law enforcement agencies for the administration of justice. The BCI laboratory may subcontract testing to meet operational needs.

Subcontracted work will be performed by a competent subcontractor and that work will be clearly identified to the customer.

Prior to the commencement of work, please review the submission receipt to ensure the items submitted and laboratory testing requested are correct. Signature signifies acceptance of the agreement specified above and accuracy of the submission receipt to the best of the signatory's knowledge.

Completed Laboratory reports, Notarized Statements, and Statements of Qualification are available for download from the OHLEG portal (www.OHLEG.org).

Comments: Please see attached sheet.

#### Services Requested

Lab Item#	Dept. Item #	Description (Packaging Description, Item Type - Described as)	Chemistrs Qualitative Analysis	Chemistry Quantitative Analysis	Firearms	DNA	GSR Gunshut Rendur	Latent Prints	LINK	NUBIN	Operability	Questioned Document	Trace.
1		, Flash Drive/Jump Drive/Thumb Drive Described as: Black and Red 8GB SanDisk USB											
		Flash Drive											

## Ohio BCI Forensic Laboratory Chain of Custody Report

Lab Case:

25-00009

**Department Name:** 

BCI / Richfield

Agency Case #:

2025 - 0151

Item #1

Description: Flash Drive/Jump Drive/Thumb Drive Black and Red 8GB SanDisk USB Flash Drive

Submitted to the laboratory on 1/30/2025 at 3:32 PM - By Nick Valente BCI / Richfield

<u>Date</u> 01/30/2025	Time 15:32	Container	Custody Of Clerical/Evidence	<u>Location / Person</u> Nissa Low	<u>Transaction By</u> Nissa Low
01/30/2025	15:34		Evidence Storage	Shelf A6	Nissa Low
02/10/2025	13:26		Analyst - London	David F. Loomis	Nissa Low
03/13/2025	11:32		Evidence Disposal	Returned to Agency via Federal Express	Nissa Low

Item # W.P. 1.1

Description: Envelope containing DVD - Data 3 DVDs.

Submitted to the laboratory on 3/13/2025 at 11:03 AM - By Nick Valente BCI / Richfield

Date 03/13/2025	<u>Time</u> 11:20	<u>Container</u>	Custody Of Clerical/Evidence	<u>Location / Person</u> Nissa Low	Transaction By Nissa Low
03/13/2025	11:32		Evidence Disposal	Returned to Agency via Federal Express	Nissa Low



## Ohio Organized Crime Investigations Commission Forensic Video Analysis

Written Date: April 07, 2025

To:

BCI / Richfield

OCIC Case Number:

25-00009

4055 Highlander Parkway Richfield, OH 44286

Agency Case Number:

2025 - 0151

Type of Offense:

Shooting Involving an Officer

Location of Offense:

Alliance, Stark County

On January 30<sup>th</sup>, 2025, Special Agent Nick Valente submitted one flash drive for the purpose of forensic video analysis. Special Agent Valente requested video presentations be created from video files contained on the flash drive. The item submitted will be referred to as ITEM ONE throughout the body of this report. The process, as it pertains to this case, is as follows:

- Inspect ITEM ONE to ascertain that no physical damage exists
- Generate and save a working copy of the contents of ITEM ONE
- Utilize software to create video presentations as requested
- Produce a data DVD of video presentations

On February 10<sup>th</sup>, 2025, ITEM ONE was checked out of the evidence room by Senior Analyst David Loomis.

ITEM ONE was a SanDisk Cruzer Blade 8GB flash drive with no label. ITEM ONE was inspected for damage and no damage was found. The contents of ITEM ONE were copied and verified via SHA256 hash using Quick Hash 3.0.4.

ITEM ONE contained four .mp4 video files with a display resolution of 2560 pixels by 1440 pixels using the H264 video codec, with audio at a 48000 hertz sample rate, mono, using the MP4A audio codec:



Ptl Brown POV.mp4

Ptl. Vesco POV.mp4

The four video files from ITEM ONE were imported into the Adobe Premiere CC 2025 video analysis software for review. A new timeline was created and the video files were synchronized based upon audio cues. The video timeline was edited to the scope of the event requested.



## Ohio Organized Crime Investigations Commission Forensic Video Analysis

Written Date: April 07, 2025

The Premiere timeline was imported into the Adobe After Effects CC 2025 video analysis and compositing software for the creation of the final video presentations. A new composition was created and the video files were arranged to fit the view. Frames counters, audio waveforms, and timecode were added to the composition. The composition was duplicated to show half-speed and original-speed views. The same method was used to create presentations for each individual officer camera view. Ten total video presentations were created. Title slates were added and each presentation was rendered out as a universal .mp4 video file for demonstrative purposes.

The ten video presentations were placed onto a data DVD. A total of three copies of the DVD were created.

On March 13th, 2025, the three DVDs were released to evidence for shipping, along with ITEM ONE.

David F. Loomis Senior Forensic Analyst

(614) 277-1000

David.Loomis@OhioAGO.gov

David.Loomis@OhioAGO

Matt S. Hilbert Supervisor Approval

## DAVID F. LOOMIS - CURRICULUM VITAE

The Ohio Organized Crime Investigations Commission P.O. Box 968, Grove City, Ohio 43123 (614) 277-1000 / (614) 277-1010 fax / David.Loomis@OhioAGO.gov

## Professional Experience

#### Senior Forensic Audio/Video Analyst

March 2019 - Present

The Ohio Organized Crime Investigations Commission

Columbus, Ohio

Office of the Ohio Attorney General

- Provides general supervision of the OOCIC Audio/Video laboratory
- Implements policy and procedures •
- Reviews case files and lab testing practices
- Provides recommendations on training and equipment
- Assists in the hiring process of new Analysts
- Performs all other duties of Forensic Audio/Video Analyst (as listed below)

#### Forensic Audio/Video Analyst

August 2014 - March 2019

The Ohio Organized Crime Investigations Commission

Columbus, Ohio

Office of the Ohio Attorney General

- Performs forensic analysis of audio, video, photographic, and other evidence, whether analog or digital in nature, for investigation and court presentation
- Attends training, workshops, and seminars to maintain current working knowledge of trends and developments in the Forensic Audio/Video field
- Conducts testing and preparation of audio, video, and photographic evidence
- Clarification of evidentiary audio and video recordings
- Clarification of digital images
- Performs audio and video transcoding
- Forensic 2D and 3D animation
- Extraction of video from Digital Video Recorders
- Carves video data from various digital sources
- Duplication and digitization of audio and video recordings
- Repairs damaged audio and video tapes for evidentiary purposes
- Makes presentations to task force investigators and law enforcement agencies

#### Graphic Artist

April 2010 - June 2014

**Educational Outfitters** 

Pittsburgh, Pennsylvania

- Created various designs for email marketing campaigns, customer logos, t-shirts, store signage, and
- Prepared media for use in email marketing campaigns, various printing and production processes
- Responsible for installation and maintenance of design software packages
- Designed and digitized artwork for embroidery

### Freelance Photographer / Videographer

Self-Employed

Sept 2003 - April 2010

• Family and portrait photography

Denver, CO and Pittsburgh, PA

• Digital photo editing and digital photo restoration

Video recording, editing, and DVD presentations

#### Forensic Animation Intern

Knott Laboratory

July 2003 – Sept 2003 Denver, Colorado

- Assisted a team of animators and engineers to create accident reconstruction animations for legal proceedings
- 3D modeling, animation, compositing, and video editing
- Use of photogrammetry and camera matching to reconstruct scenes
- 3D cut-away views of mechanical processes

#### Lead Network Transport Planner

Nov 2000 – Nov 2001

Owest Communications International, Inc.

Denver, Colorado

- Quarterly planning of nationwide wavelength services network (10 gigabit and 2.5 gigabit line system)
- Optimized the network plan using various equipment vendor and third-party software tools
- Calculated budgetary requirements for entire planned wavelength services network over various time periods
- Conducted studies of new nationwide network architectures, impacts of large customer deals, and potential fiber optic routes
- Utilized knowledge of various equipment interfaces (Nortel Preside / Ciena Wavewatcher) along
  with internal databases and the Microsoft Office suite to constantly improve processes, monitor
  planning progress, and analyze trends
- Tested and evaluated various vendor-specific and third party planning software
- Supported deployment planning of network transport technologies

#### Senior Network Transport Planner

June 1999 - Nov 2000

Owest Communications international, Inc.

Denver, Colorado

- Assisted with development of and updates to quarterly SONET network plans
- Actively supported planning efforts concerning new, changes to, and life cycle management / retirement of currently deployed network transport technologies
- Supported deployment planning of newly installed network assets
- Involved with scenario analysis concerning plan assumption changes / timing
- Utilized knowledge of Visual Basic for Excel to streamline current network data extraction from several weeks by many planners to minutes by a solo planner
- Awarded Letter of Recognition from VP for outstanding work in streamlining operations

#### Space Communications Systems Controller

June 1995 – June 1999 Schriever AFB, Colorado

United States Air Force

22d Space Operations Squadron

50th Space Communications Squadron

• Responsible for operating and troubleshooting communication and computer resources valued at over \$440 million to support the Air Force Satellite Control Network (AFSCN)

- Directed and implemented fault isolation, testing, troubleshooting, and analysis of transmission links, including T1 through T3, to ensure proper operations
- Provided worldwide connectivity across seven Department of Defense space programs, NASA, and NOAA
- Maintained a 99% efficiency rating on over 4,000 satellite communications mission supports, directly contributing to work center's 93.3% success rate on satellite mission contacts
- Handpicked to assist contractors with implementation and test procedures on a \$7 million project to link new satellite operations center with resources located at Schriever Air Force Base

- Awarded Senior Airman Below the Zone (promoted to E-4 six months early)
- Awarded the National Defense Service Medal and Air Force Good Conduct Medal
- Decorated Awarded the Air Force Achievement Medal for Meritorious Service

#### **Education**

Bachelor of Arts

The Art Institute of Colorado

Media Arts and Animation

Derner, Colorado

- Instruction in animation, video production, editing, and compositing, and audio production and editing
- 3.9 GPA
- Alpha Beta Kappa National Honor Society
- Portfolio Voted "Best Book" by AiC instructors at graduation

Journeyman

USAF Technical Training School

Biloxi, Mississippi

Communications, Computer Systems Operations

Honor Graduate (98% average)

Undergraduate Studies Fine Art, Liberal Arts, Mathematics Ohio University A thens, Ohio

#### **Certifications**

LEVA Certified Forensic Video Technician

June 2016 - Present

#### **Training**

LEVA Level 1 – Forensic Video Analysis and the Law (40 Hours)

April 2015

- Principles of CCTV Systems
- Non-Linear Editing
- Data Authentication and Integrity
- Video Compression
- Scientific Method
- Video and the Law
- Infrared Light

Issues of Bias in Forensic Science (8 Hours)

May 2015

- Defining Bias as it Applies to Scientific Fields
- Overview of Decision Making and How We Think
- Discussion of Methods to Counter-act Bias

Introduction to Forensic Audio Analysis (24 Hours)

September 2015

- Science and Physics of Sound
- Fundamentals of Recording and Playback Devices
- Audio Processing Techniques
- Critical Listening
- Best Practices

Hands-on Audio Clarification

Trial procedure

## LEVA Level 2 - Processing Digital Multimedia Evidence (40 Hours) June 2016 Compression Theory Digital Video Acquisition Screen Capture Utilities Video File Formats and Video Containers Integrating Hashing into Workflow Technical Report Writing Legal Aspects of Digital Multimedia Evidence TCP/IP Networking Analytical Report Writing NW3C CI 100 - Identifying and Seizing Electronic Evidence (2.5 Hours) July 2016 • Identifying sources of electronic evidence Preserving electronic evidence for analysis Best practices for seizure of electronic evidence NW3C CS 100 – Introduction to Computer Networks (2.75 Hours) August 2016 Networking overview OSI Model TCP/IP NW3C CI 102 – How Computers Work and Store Data (3 Hours) July 2018 Hardware and storage configurations Number systems (Decimal, Hexadecimal, Binary) Partitioning drives Identifying volumes File systems U.S. Department of Homeland Security - Cyber Security Investigations (9 Hours) August 2018 Overview of cybersecurity incident response and forensic analysis Digital forensic concepts, forensic media preparation Digital evidence collection • Triage process and analysis Suspicious trace analysis Data carving LEVA Level 3 – Video Contrast and Comparison (40 Hours) September 2018 Philosophy and principles of video contrast and comparison Scientific method Class Characteristics vs Individual Characteristics Effects of lighting, aspect ratio, resolution, and compression on video analysis Analytical report writing Types of bias in forensic video analysis and how to reduce them LEVA Courtroom Testimony for Expert Witnesses (24 Hours) May 2019

Report writing techniques Effects of bias Moot court iNput Ace Video Evidence Training Symposium (15 Hours) June 2020 Video Analysis with iNput Ace Trends in video analysis Issues with timing in video Digital video evidence recovery LEVA Level 4 – Advanced Forensic Video Analysis and the Law (40 Hours) December 2020 Advanced video analysis techniques Creating demonstratives for court Preparation for advanced certification iNput Ace Video Evidence Training Symposium (12 Hours) March 2021 Video evidence narrative techniques Issues with video timing Video evidence workflow Amped Authenticate Training (20 Hours) June 2021 Image and video authentication techniques Amped FIVE Training (25 Hours) Forensic Video Analysis theory Workflow in Amped FIVE

December 2021

• Digital image and video clarification techniques

iNput Ace Video Evidence Training Symposium (12 Hours)

March 2022

- Video investigation training
- Bias in video forensics
- Video compression refresher

## Court Testimony

# State of Ohio vs Thaddeus Bumgardner

June 29th, 2016 14 CR 117

- Common Pleas Court of Meigs County
  - Expert Witness Qualification
  - Testified concerning forensic audio analysis of evidence in a felonious assault trial

State of Ohio vs Tony Cohen

December 1st, 2017

Common Pleas Court of Summit County

2016-11-3966

- Expert Witness Qualification
- Testified concerning forensic video analysis of evidence in an aggravated robbery trial

State of Ohio vs Mark Mabry Common Pleas Court of Richland County

October 16th, 2018 2018-CR-0255R

- Expert Witness Qualification
- Testified concerning deleted file recovery and forensic video analysis of evidence in an aggravated assault trial

## State Medical Board of Ohio vs Atta Asef, D.P.M.

State Medical Board of Ohio

August 21st, 2019 18-CRF-0038

- Expert Witness Qualification
- Testified concerning video authenticity in a State Medical Board adjudication hearing

#### State of Ohio vs Warriayre Armond Roundtree

December 11th, 2019

Franklin County Common Pleas Court

18-CR-01669

- Expert Witness Qualification
- Testified concerning forensic video analysis of evidence in an aggravated murder trial

#### State of Ohio vs Andrew Kirk Mitchell

April 7th, 2022

Franklin County Common Pleas Court

19-CR-01662

- Expert Witness Qualification
- Testified concerning forensic video analysis of evidence in a murder trial

#### State of Ohio vs Andrew Kirk Mitchell (Retrial)

April 13th, 2023

Franklin County Common Pleas Court

19-CR-01662

- Expert Witness Qualification
- Testified concerning forensic video analysis of evidence in a murder trial

#### State of Ohio vs Bria Kaye-Paige Henslee

May 17th, 2023

Franklin County Common Pleas Court

21-CR-01524

- Expert Witness Qualification
- Testified concerning forensic video analysis of evidence in a murder and assault trial

#### State of Ohio vs Tylan Chance Sims

June 6th, 2023

Franklin County Common Pleas Court

21-CR-00595

- Expert Witness Qualification
- Testified concerning forensic video analysis of evidence in a murder and felonious assault trial

## Professional Memberships

Law Enforcement and Emergency Services Video Association

August 2014 - Present

High Technology Crime Investigation Association

August 2018 - Present