



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



2024-3775

Officer Involved Critical Incident - 1055 East Avenue,
Akron, Ohio 44307, Summit County

Investigative Activity: OCIC Video Presentations
Involves: Jazmir Tucker (S), Officer Davon Fields (S), Officer Steven Loar (W), Officer Michael Shaffer (W), Officer Dylan Ostrander (W)
Activity Date: 02/04/2025
Activity Location: BCI Richfield
Authoring Agent: SA Jonathan Lieber

Narrative:

On Monday, February 03, 2025, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) Jon Lieber (Lieber) received disks and documents from the Ohio Organized Crime Investigations Commission (OCIC). SA Lieber had previously sent video recordings to OCIC consisting of the body-worn camera videos of Akron Police Department (APD) Officers (Officer) Davon Fields (Fields), Steven Loar (Loar), Michael Shaffer (Shaffer), and Dylan Ostrander (Ostrander), as well as the dash camera video from the vehicle driven by Ostrander, and a surveillance video from a camera located on a city owned concession building in the Lane Field Park. The Lane Field Park is located at 519-543 Howe Street, Akron, OH 44307. OCIC was requested to perform various enhancements of the submitted video as detailed below.

SA Lieber reviewed the documents from OCIC. The documents were:

1. OCIC Evidence Submission Form

This document was the submission sheet created to submit the video recordings to OCIC. It also documented the creation of data disks by OCIC. The OCIC case number was 24-00122.

2. OCIC Chain of Custody Report

This document was the chain of custody for OCIC.

3. OCIC Forensic Video Analysis Report

The report was authored by OCIC Analyst David F. Loomis. The report stated that frame counters, audio waveform effects, and a time code effect was added to each presentation. A total of twelve presentations were created for the body-worn and

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cruiser-camera views. A thirteenth presentation was created for the surveillance video. In the surveillance video presentation, the region of interest was enlarged by 300% and the contrast was adjusted.

4. OCIC Curriculum Vitae

This document was the curriculum vitae for OCIC Analyst David F. Loomis.

SA Lieber reviewed the data disks created by OCIC and noted the following:

The video presentations included the following videos:

-  24-00122 Clarified Video Segment
-  24-00122 Synchronized Video Presentation - Speed Views
-  24-00122 Synchronized Video Presentation
-  24-00122 Video Presentation - Cruiser Cam - Speed Views
-  24-00122 Video Presentation - Cruiser Cam
-  24-00122 Video Presentation - Fields - Speed Views
-  24-00122 Video Presentation - Fields
-  24-00122 Video Presentation - Loar - Speed Views
-  24-00122 Video Presentation - Loar
-  24-00122 Video Presentation - Ostrander - Speed Views
-  24-00122 Video Presentation - Ostrander
-  24-00122 Video Presentation - Shaffer - Speed Views
-  24-00122 Video Presentation - Shaffer

24-00122 Clarified Video Segment

This presentation is 3 minutes and 10 seconds in duration and contains no sound. The video was captured on a surveillance camera located on a concession building in Lane Field Park. The video showed a person, believed to be Jazmir Tucker (Tucker), walking behind the Miller-South School to the lower parking lot area. The region of interest in the video was enlarged 300%. The screenshot below was taken at 00:08 elapsed time. The red circle indicates the area where the person can be seen.

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The image below shows what appears to be a flash (noted inside of red circle). The flash only appeared in a single frame of the video [02:04]. The flash occurred in the same area where the subject was standing.



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The subject then walked across the grass toward the driveway [02:12].



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The screenshot below is believed to show Officer Fields (yellow color circle) and the APD cruiser (yellow arrow with red outline) occupied by Officer Ostrander and Officer Shaffer [02:57]. At 02:58, the cruiser appeared to activate the emergency lights.



24-00122 Video Presentation - Fields

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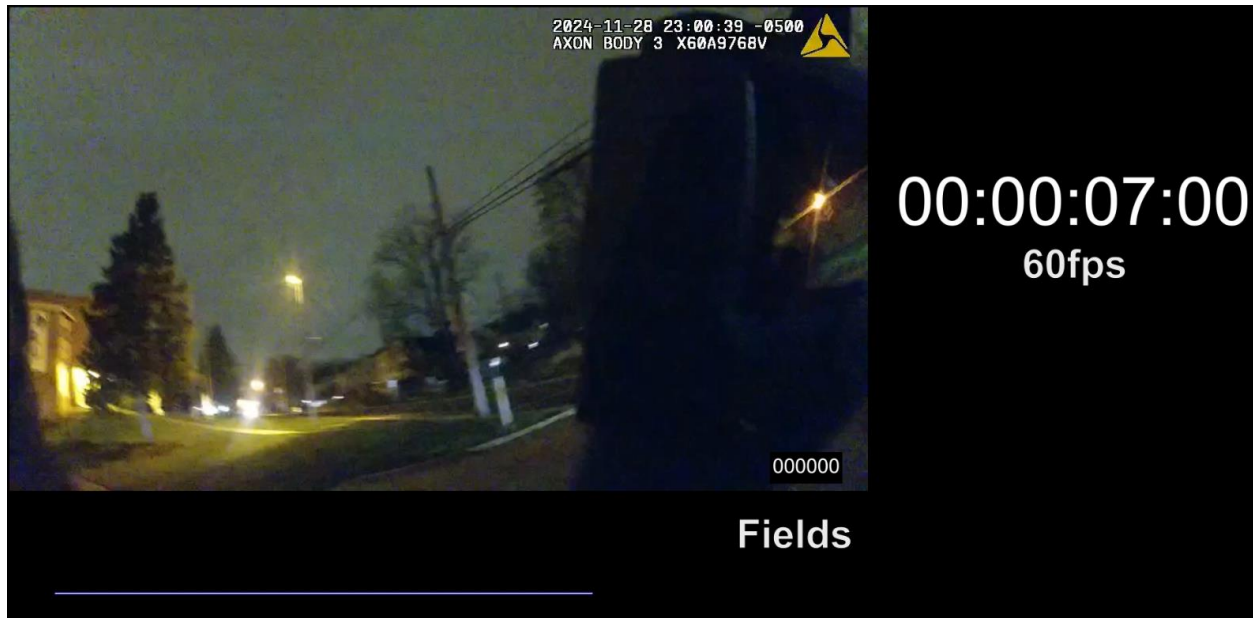
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This presentation is 58 seconds in duration. The video began with Officer Fields on East Avenue 23:00:09 [00:04]. No sound can be heard until 23:01:09 [00:34].



Officer Fields was pursuing Tucker. Due to the movement of the body-worn camera, motion-blur was noted making it difficult to see Tucker. The screenshots shown below examples where less motion-blur was noted.

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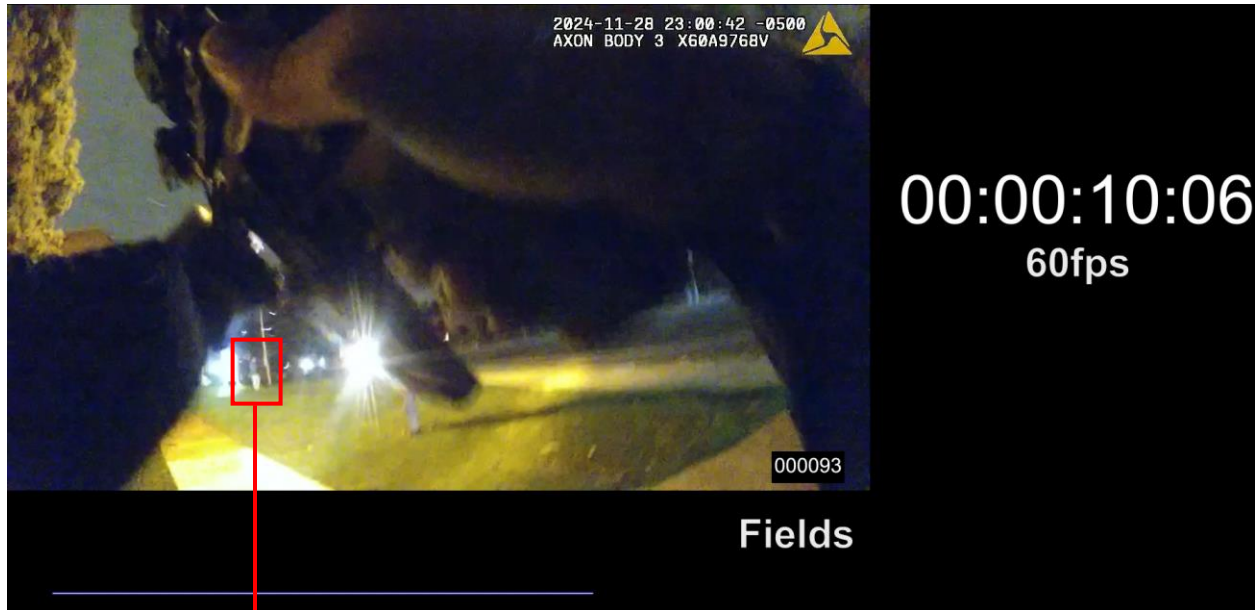


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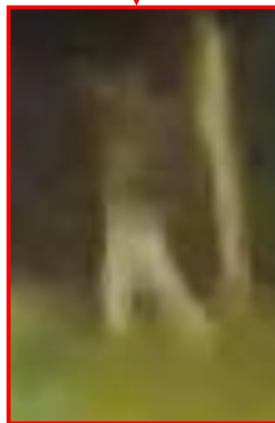


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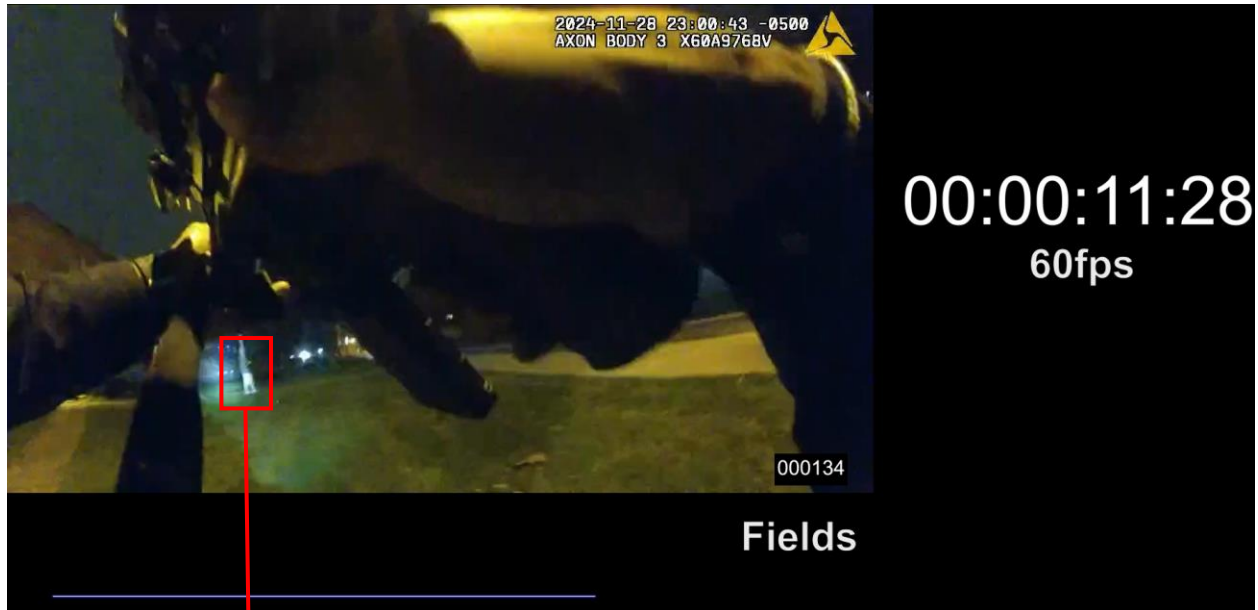


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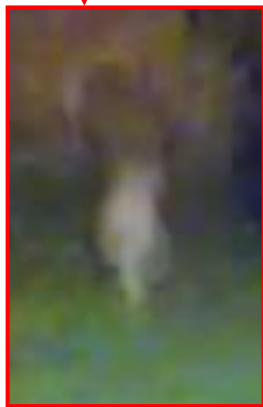
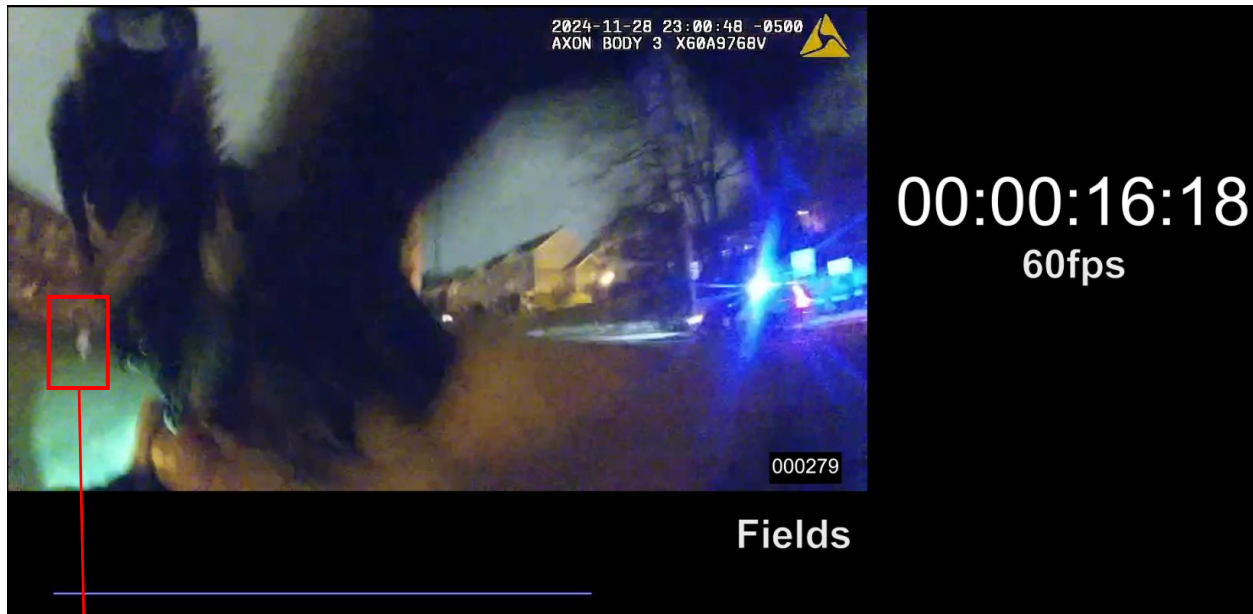
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Note the police vehicle on East Avenue on the right side of the image below, as well as Tucker running on the left side of the image 23:00:48 [00:13].



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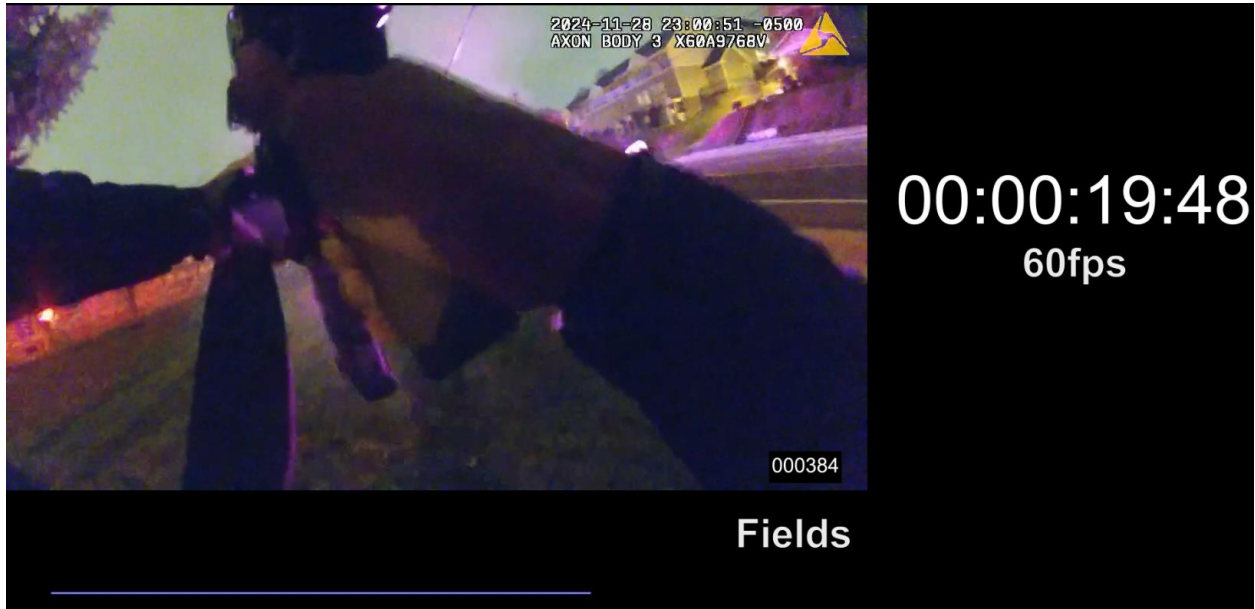
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At frame 384 [23:00:51, 00:17], it appeared that Officer Fields' rifle recoiled for the first time. It is believed that this is when the first shot was fired. Note that due to the position of the BWC in relation to the rifle and sling, Tucker is not visible.



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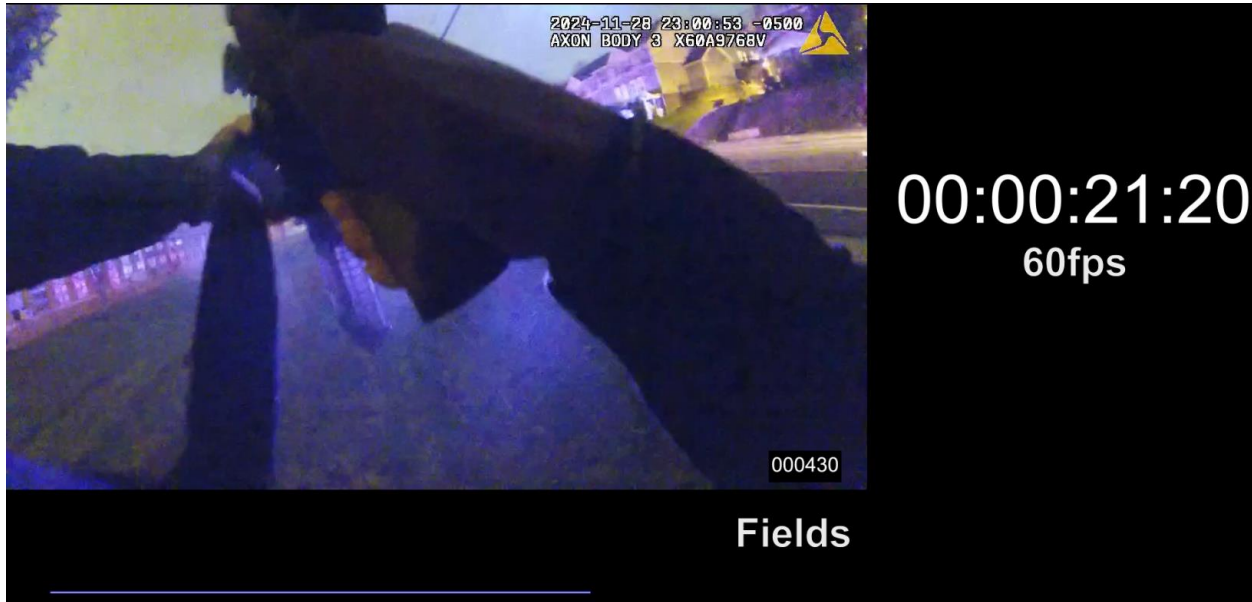
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It is believed that the 8th and final shot was fired at approximately frame 430 [23:00:53, 00:19]. At no point was Tucker visible on the video while shots were being fired.



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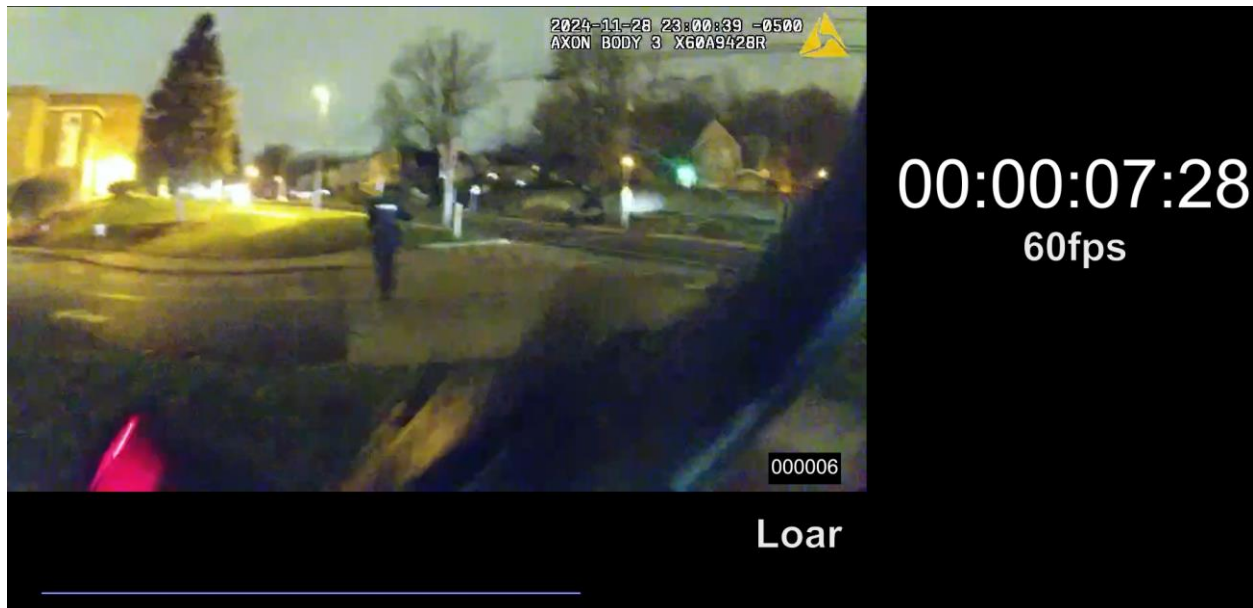
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At 23:01:11 [00:37], an officer yelled, "Stop moving." At 23:01:12 [00:38], another officer yelled "Stop moving," Fields yelled "Put your hands out to your side." At 23:01:14 [00:40], an officer yelled, "Put your hands up." At 23:01:24 [00:50], Fields yelled, "Put your hands out." Another officer also said, "Put your hands out." At 23:01:27 [00:53], An officer yelled "Hands out to your side." At 23:01:32 [00:58] the video ended.

A clear image of Tucker did not appear after the shots were fired for the remainder of this video. It should be noted that this video was cropped to encompass the time period of 23:00:39 to 23:01:32. A detailed review of the video after 23:01:32 can be found in the report titled **2025-02-14: Video Review - Ofc. Davon Fields BWC**.

24-00122 Video Presentation - Loar

This presentation is 57 seconds in duration. The video began with Officer Loar on East Avenue 23:00:39 [00:04]. No sound could be heard until 23:01:09 [00:34]. Officer Fields could be seen running.



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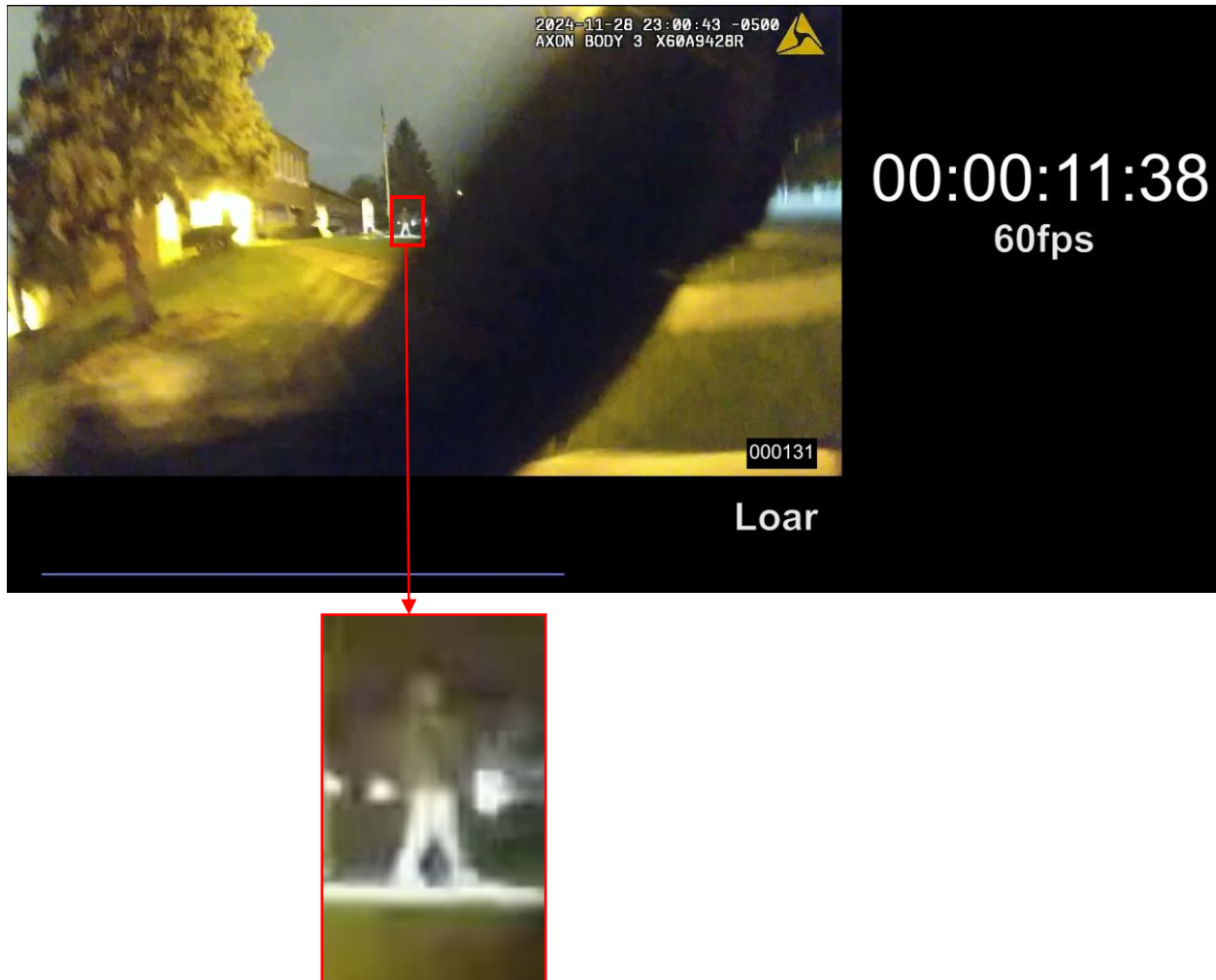
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Tucker was first observed in frame 131 [23:00:43, 00:09].



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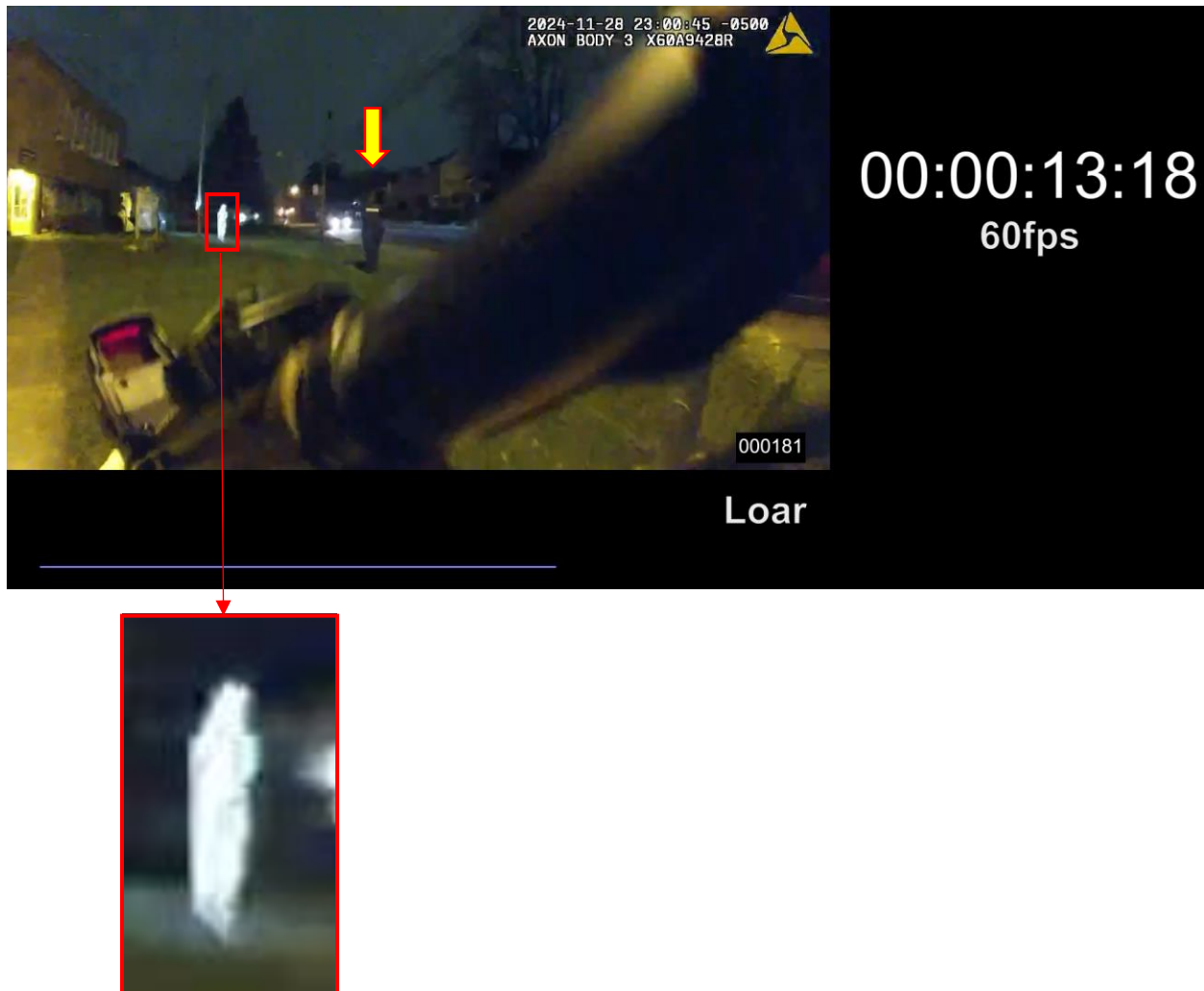
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Frame 181 [23:00:45, 00:11] showed Tucker as well as Officer Fields. Note that detail on Tucker is washed out due to the brightness of Officer Fields' flashlight shining on Tucker.



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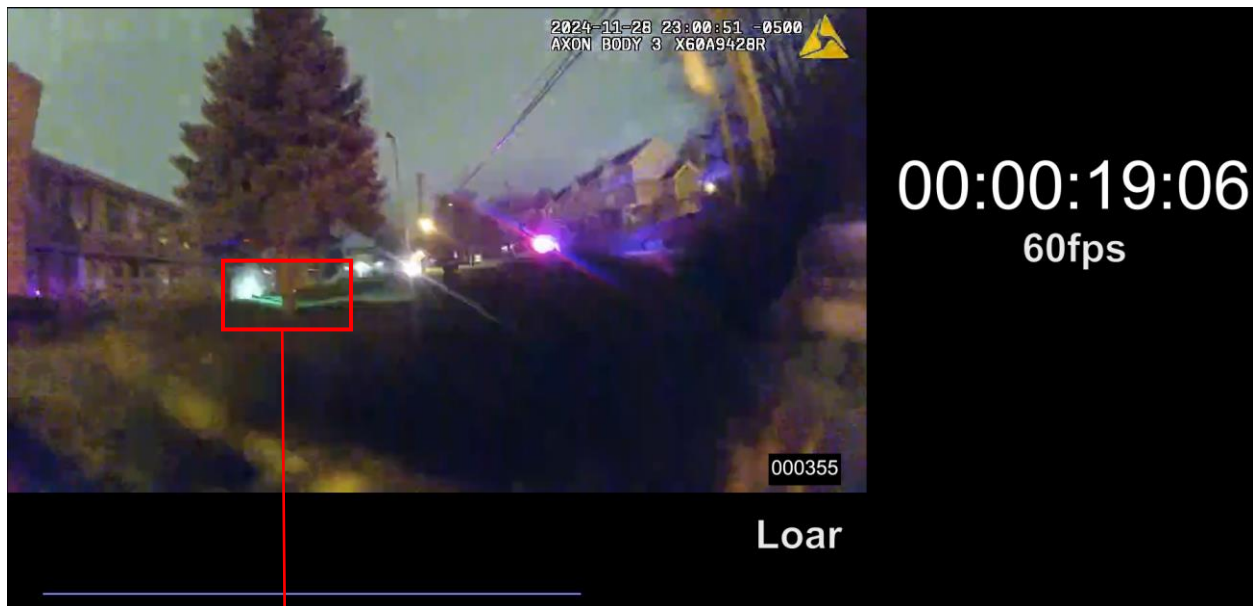
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It is believed that the first shot fired by Officer Fields occurred at 23:00:51 [00:16]. Upon reviewing the 60 frames captured during this one second time period, the images below [Frame 355 and 372] are the clearest images located. Tucker was not visible in frame 355 due to the view being blocked by the tree trunk.



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The screenshot below was taken at the approximate time the last shot was fired [frame 430, 23:00:53, 00:19].



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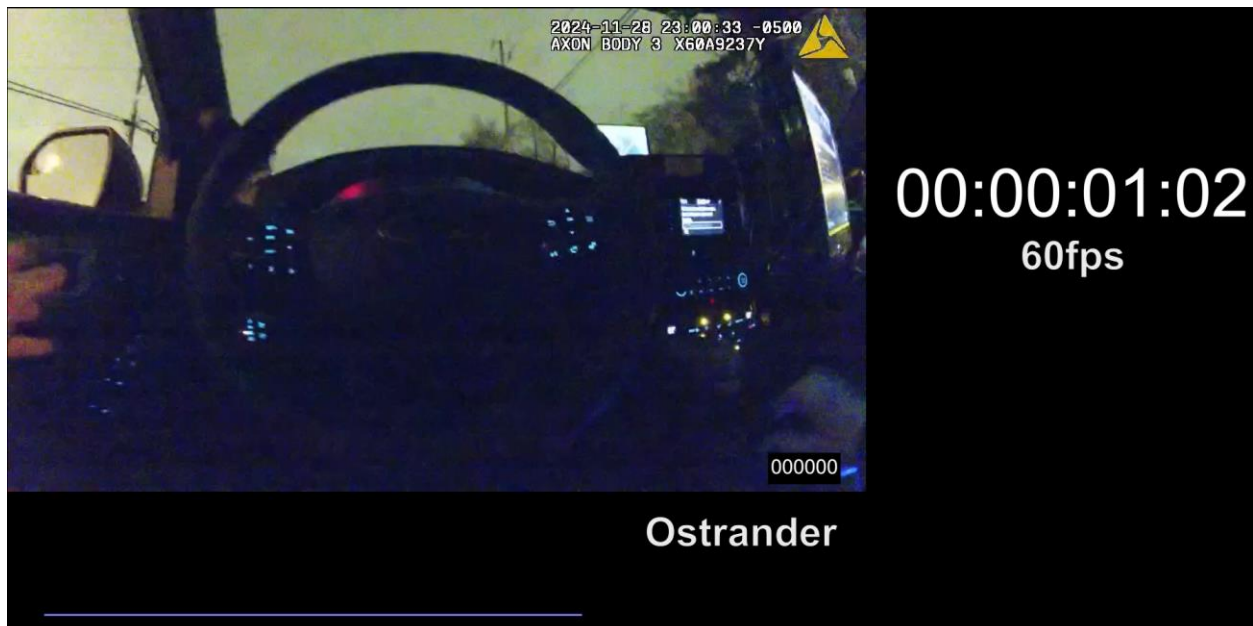
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24-00122 Video Presentation - Shaffer

This presentation is 1 minute and 5 seconds in duration. No sound can be heard until 23:01:01 [00:34]. Please refer to the report titled **2025-01-09: Video Review - Ofc. Michael Shaffer BWC** for a detailed review of the full 17 minute and 41 second video.

24-00122 Video Presentation - Ostrander

This presentation is 1 minute and 4 seconds in duration. The video began with Officer Ostrander seated in the driver seat of a vehicle. No sound can be heard until 23:01:02 [00:33].



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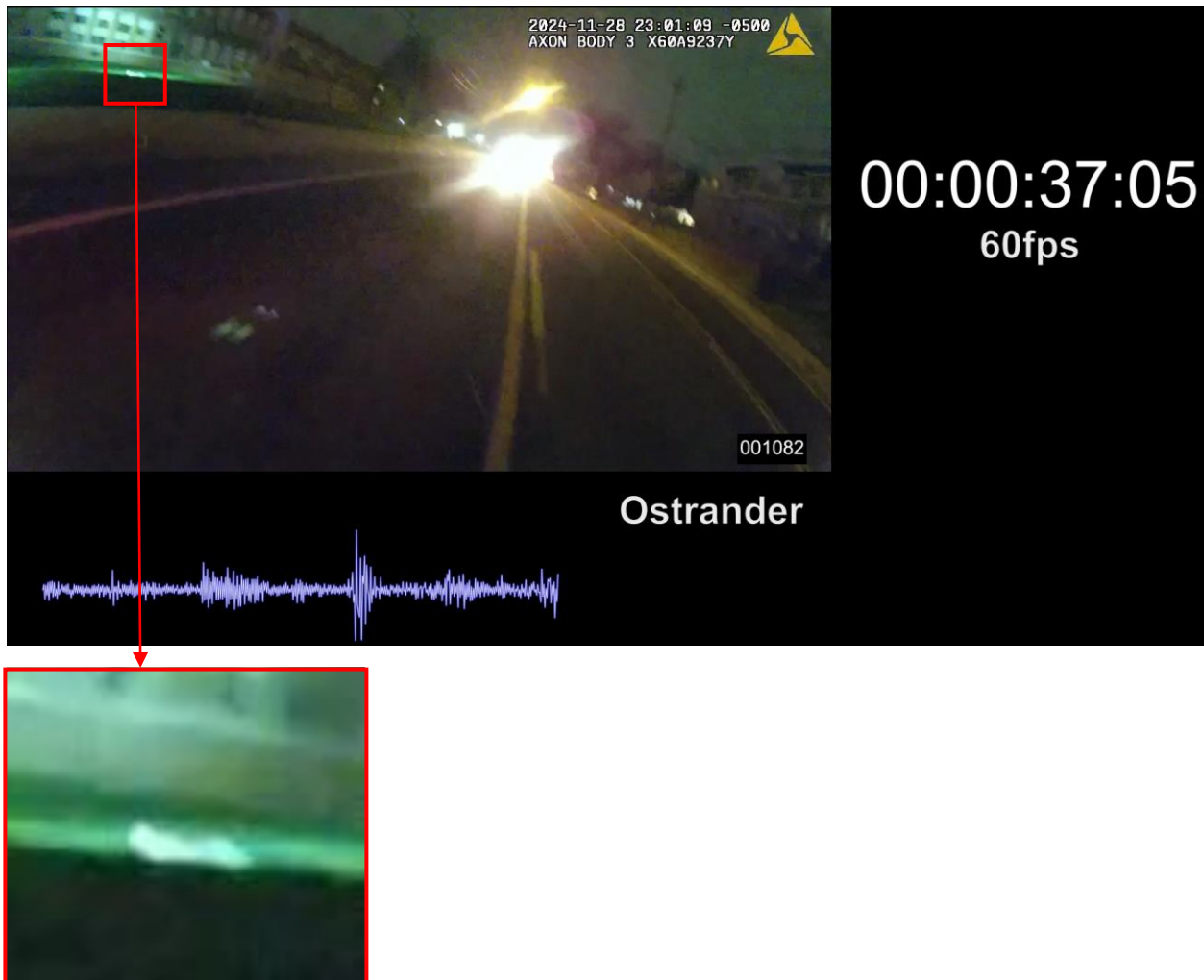
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The vehicle began to move. At 23:00:55 [00:27] Ostrander began to make a U-turn. At 23:01:07 [00:38] Ostrander exited the vehicle. The area where Tucker was lying on the ground first can be seen at 23:01:09 [00:41].



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Ostrander moved to the area near Officers Fields and Loar. The view from Ostrander's BWC at that time is shown below 23:01:31 [01:02].



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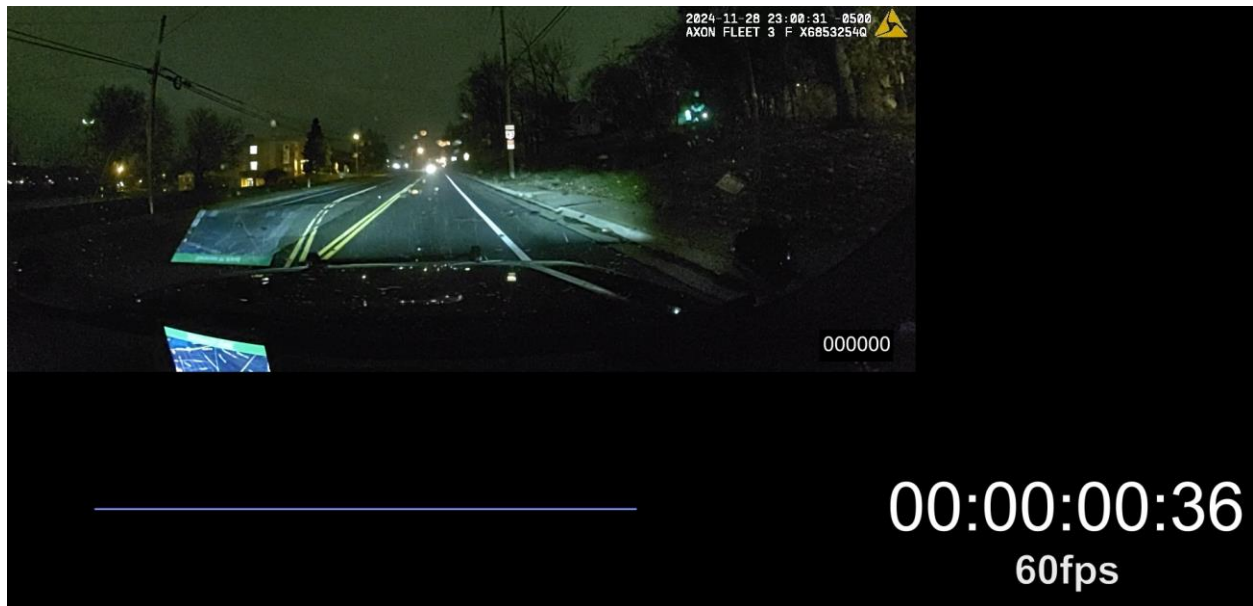
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24-00122 Video Presentation – Cruiser Cam

This presentation is 1 minute and 4 seconds in duration. The video began with the vehicle stationery on East Avenue. No sound can be heard until 23:01:01 [00:34].



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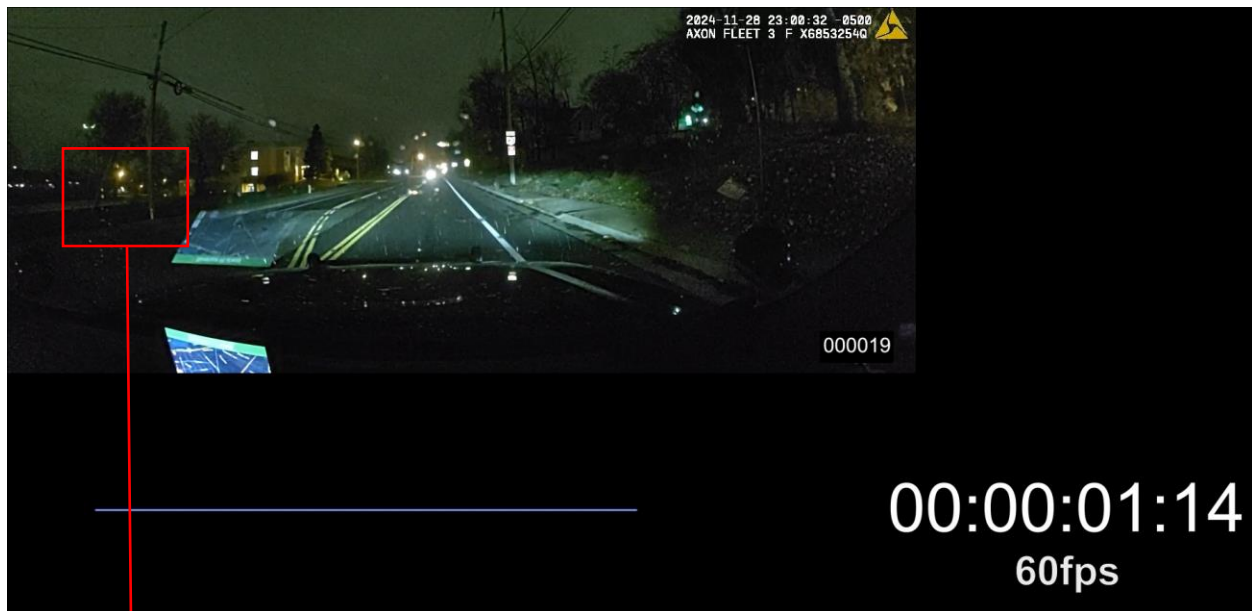
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Officers Fields and Loar were observed running 23:00:32 [00:05]. It is recommended that the video be reviewed as the movement of the officers is more easily seen when watching the video.



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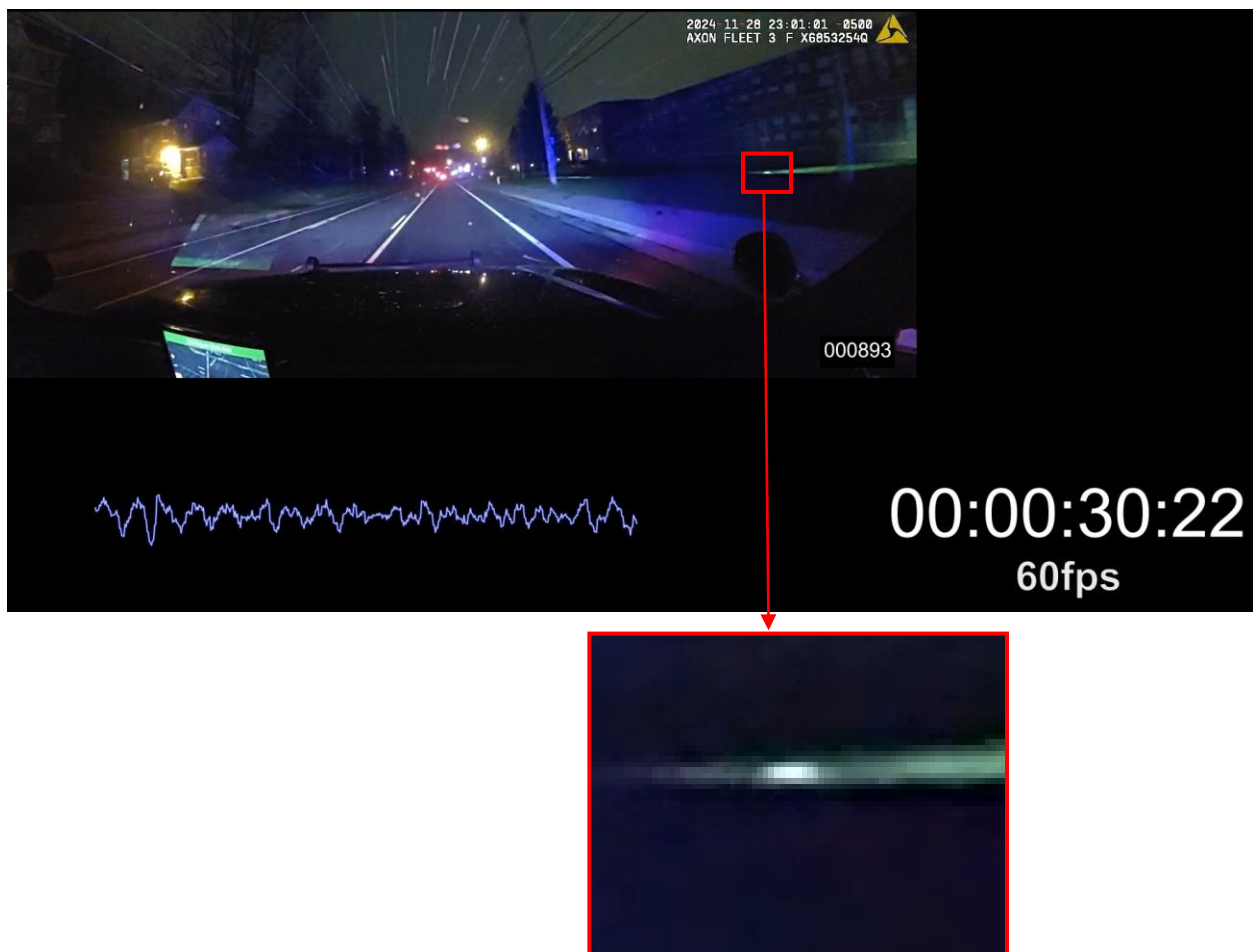


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Additional analysis was completed on the movement of the officers as well as Tucker. Please refer to the report titled **2025-02-03: Video Review – Dash Camera – Amped Replay Used** for additional detail.

At 23:00:37 [00:09] the vehicle began to drive down East Avenue. At 23:00:54 [00:27], the vehicle began to make a U-turn. As the vehicle drove back toward the officers, the area where Tucker was believed to be lying was illuminated by a flashlight 23:01:01 [00:34].



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The vehicle drove past Tucker and stopped on East Avenue 23:01:04 [00:37]. Officer Fields can be seen standing on the grass area.



Officers Ostrander and Shaffer exit the vehicle and stand near Officer Fields. Another APD cruiser arrived at 23:01:30 [01:03].

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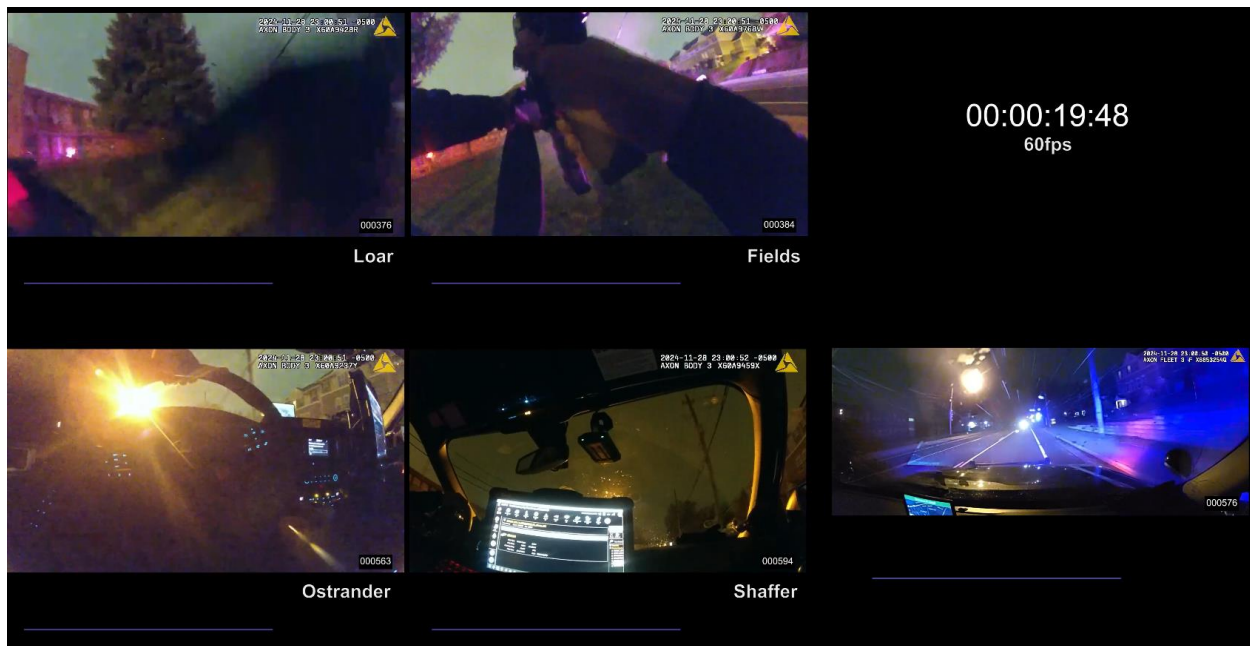
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24-00122 Synchronized Video Presentation

This presentation is 1 minute and 5 seconds in duration. No sound can be heard until 00:34. The video shows the BWC videos of officers Loar, Fields, Ostrander, and Shaffer as well as the in-car camera video from the vehicle driven by Ostrander. The videos were synced to show what each video captured at the same time.

The screenshot below was taken at the time it is believed that the first shot was fired 23:00:51 [00:25].



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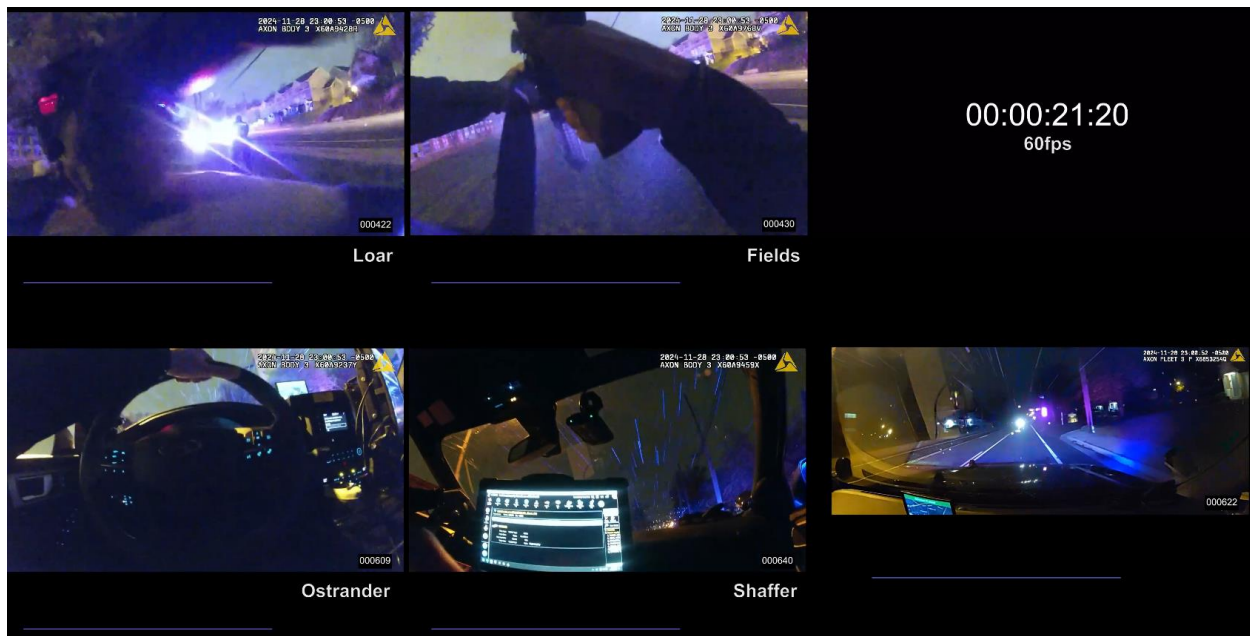
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The screenshot below was taken at the time it is believed that the last shot was fired
23:00:53 [00:26].



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.

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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 images included in this report are for demonstrative purposes only.

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 J for reference only.

References:

Ref Item J - OOCIC Work Product

Attachments:

1. 24-00122 OCIC Documents

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DAVE YOST

OHIO ATTORNEY GENERAL



Laboratory Evidence Submission				Date/Time Received: 12/06/2024 10:18 am Friday		BCI Case Number: 24-00122			
Received By: Nissa Low Receiving Lab: OCIC - Ohio Organized Crime Investigations Com									
New Case <input checked="" type="checkbox"/>		ADD'L (If checked, provide BCI Case No)		Agency Case Number: 2024 - 3775					
Case Type: Shooting Involving an Officer		Date of Offense: 11/28/2024		Location of Offense: Akron, Summit County		County of Submitting Agency: Summit County			
Subject(s): (First, MI, Last Name)		In Custody	Charged	Trial Date	Grand Jury	Arrest #	BCI #	Sex	DOB
Jazmir Tucker		<input type="checkbox"/>	<input type="checkbox"/>					M	
Victim(s): (First, MI, Last Name)						State ID #	BCI #	Sex	DOB
Submitting Agency Name/ORI: BCI / Richfield OHBCI0000 Mailing Address: 4055 Highlander Parkway Richfield, OH 44286				Investigating Officer Name: Jon Lieber					
				Investigating Officer Phone: (440) 258-2865					
				Investigating Officer Email: jonathan.lieber@ohioattorneygeneral.gov					
				Submitting Officer: Jon Lieber					
				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 refer to attached document.

Services Requested

Lab Item #	Dept. Item #	Description (Packaging Description, Item Type - Described as)	Chemistry Qualitative Analysis	Chemistry Quantitative Analysis	Firearms	DNA	GSR Gunshot Residue	Latent Prints	LINK	NIRIN	Operability	Questioned Document	Trace
1		, Flash Drive/Jump Drive/Thumb Drive Described as: 8GB SanDisk Cruzer Blade USB Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SHOULD THERE BE ANY CHANGE IN THE STATUS OF THIS CASE, INCLUDING TRIAL DATES, PLEASE CONTACT BCI IMMEDIATELY.

Ohio BCI Forensic Laboratory

Chain of Custody Report

Lab Case: 24-00122
Department Name: BCI / Richfield
Agency Case #: 2024 - 3775

Item # 1 Description : Flash Drive/Jump Drive/Thumb Drive 8GB SanDisk Cruzer Blade USB Drive
Submitted to the laboratory on 12/6/2024 at 10:18 AM - By Jon Lieber BCI / Richfield

<u>Date</u>	<u>Time</u>	<u>Container</u>	<u>Custody Of</u>	<u>Location / Person</u>	<u>Transaction By</u>
12/06/2024	10:18		Clerical/Evidence	Nissa Low	Nissa Low
12/06/2024	10:19		Evidence Storage	Shelf A9	Nissa Low
01/02/2025	13:17		Analyst - London	David F. Loomis	Nissa Low
01/30/2025	13:32		Evidence Disposal	Returned to Agency via Federal Express	Nissa Low

Item # 2 Description : Envelope containing Flash Drive/Jump Drive/Thumb Drive Red Cruzer Blade 8GB USB Flash Drive
Submitted to the laboratory on 1/14/2025 at 12:01 PM - By Jon Lieber BCI / Richfield

<u>Date</u>	<u>Time</u>	<u>Container</u>	<u>Custody Of</u>	<u>Location / Person</u>	<u>Transaction By</u>
01/14/2025	12:17		Clerical/Evidence	Nissa Low	Nissa Low
01/14/2025	12:23		Analyst - London	David F. Loomis	Nissa Low
01/30/2025	13:32		Evidence Disposal	Returned to Agency via Federal Express	Nissa Low

Item # W.P. 1.1 Description : One manila envelope containing DVD - Data 3 DVDs.
Submitted to the laboratory on 1/30/2025 at 1:01 PM - By Jon Lieber BCI / Richfield

<u>Date</u>	<u>Time</u>	<u>Container</u>	<u>Custody Of</u>	<u>Location / Person</u>	<u>Transaction By</u>
01/30/2025	13:29		Clerical/Evidence	Nissa Low	Nissa Low
01/30/2025	13:32		Evidence Disposal	Returned to Agency via Federal Express	Nissa Low



Ohio Organized Crime Investigations Commission Forensic Video Analysis

Written Date: February 05, 2025

To: BCI / Richfield
4055 Highlander Parkway
Richfield, OH 44286

OCIC Case Number: 24-00122

Agency Case Number: 2024 - 3775

Type of Offense: Shooting Involving an Officer
Location of Offense: Akron, Summit County

On December 6th, 2024, Special Agent Jon Lieber of BCI submitted one flash drive for the purpose of forensic video analysis. Special Agent Lieber 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. On January 14th, 2025, Special Agent Lieber submitted a second flash drive for this case. The item submitted will be referred to as ITEM TWO throughout the body of this report. The process, as it pertains to this case, is as follows:

- Inspect ITEM ONE and ITEM TWO to ascertain that no physical damage exists
- Generate and save a working copy of the contents of IEM ONE and ITEM TWO
- Convert proprietary video files to a universal format for processing
- Utilize software to create video presentations as requested
- Produce a data DVD of video presentations

On January 2nd, 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 two universal .mp4 video files with a display resolution of 1280 pixels by 720 pixels using the H264 video codec, with audio at a 48000 hertz sample rate, stereo, using the MP4A audio codec:

Ofc. Davon Fields BWC - EAST_AV.mp4

Ofc. Steven Loar BWC - EAST_AV.mp4

ITEM ONE also contained one proprietary .mkv video file with a display resolution of 2560 pixels by 1920 pixels using the HEVC and MJPEG codecs:

City Surveillance Video 11_28_2024_10_44_59_PM_(UTC-05_00).mkv



Ohio Organized Crime Investigations Commission Forensic Video Analysis

Written Date: February 05, 2025

On January 14th, 2025, Senior Analyst Loomis received custody of ITEM TWO.

ITEM TWO contained three universal .mp4 video files using the H264 video codec, with audio at a 48000 hertz sample rate, stereo, using the MP4A audio codec, with the following display resolutions:

Emergency_Traffic_1055_EAST_AVE - Ostrander.mp4	1280 x 720
Emergency_Traffic_1055_EAST_AVE - Shaffer.mp4	1280 x 720
Emergency_Traffic_1055_EAST_AVE - Vehicle.mp4	1244 x 540

The proprietary .mkv video file from ITEM ONE was converted to a universal .mp4 video file for processing using the FFMPEG audio/video conversion tool.

The three video files from ITEM ONE and three video files from ITEM TWO were imported into the Adobe Premiere CC 2025 video analysis software for review. A new timeline was created and the body-worn and cruiser-camera view were synchronized based upon audio cues. The timeline was edited to the scope requested and imported into the Adobe After Effects CC 2025 video analysis and compositing software for the creation of the video presentations. The canvas for each presentation was sized to fit the camera view(s). Frame counters, audio waveform effects, and a timecode effect were added to each presentation. Title slates were added and each presentation was rendered out as universal .mp4 video files for demonstrative purposes. A total of twelve presentations were created for the body-worn and cruiser-camera views:

- 24-00122 Synchronized Video Presentation - Speed Views.mp4
- 24-00122 Synchronized Video Presentation.mp4
- 24-00122 Video Presentation - Cruiser Cam - Speed Views.mp4
- 24-00122 Video Presentation - Cruiser Cam.mp4
- 24-00122 Video Presentation - Fields - Speed Views.mp4
- 24-00122 Video Presentation - Fields.mp4
- 24-00122 Video Presentation - Loar - Speed Views.mp4
- 24-00122 Video Presentation - Loar.mp4



Ohio Organized Crime Investigations Commission Forensic Video Analysis

Written Date: February 05, 2025

24-00122 Video Presentation - Ostrander - Speed Views.mp4

24-00122 Video Presentation - Ostrander.mp4

24-00122 Video Presentation - Shaffer - Speed Views.mp4

24-00122 Video Presentation - Shaffer.mp4

A thirteenth presentation was created from the surveillance view provided on ITEM ONE. The video was edited to the event requested. A region of interest was enlarged 300% and contrast adjusted. A title slate was added and the presentation was rendered out as a universal .mp4 video file for demonstrative purposes:

24-00122 Clarified Video Segment.mp4

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

On January 30th, 2025, the three DVDs were released to evidence for shipping, along with ITEM ONE and ITEM TWO.

David F. Loomis
Senior Forensic Analyst
(614) 277-1000
David.Loomis@OhioAGO.gov



Matt S. Hilbert
Supervisor Approval



Ohio Organized Crime Investigations Commission Forensic Video Analysis

Written Date: February 05, 2025

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

The Ohio Organized Crime Investigations Commission
Office of the Ohio Attorney General

March 2019 – *Present*
Columbus, Ohio

- 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

The Ohio Organized Crime Investigations Commission
Office of the Ohio Attorney General

August 2014 – March 2019
Columbus, Ohio

- 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

Educational Outfitters

April 2010 – June 2014
Pittsburgh, Pennsylvania

- Created various designs for email marketing campaigns, customer logos, t-shirts, store signage, and fliers
- 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
Denver, CO and Pittsburgh, PA

- Family and portrait photography
- 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

Qwest Communications International, Inc.

Nov 2000 – Nov 2001

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

Qwest Communications international, Inc.

June 1999 – Nov 2000

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

United States Air Force

22d Space Operations Squadron

50th Space Communications Squadron

June 1995 – June 1999

Schriever AFB, Colorado

- 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

Media Arts and Animation

*The Art Institute of Colorado
Denver, 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

Communications, Computer Systems Operations

*USAF Technical Training School
Biloxi, Mississippi*

- Honor Graduate (98% average)

Undergraduate Studies

Fine Art, Liberal Arts, Mathematics

*Ohio University
Athens, 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

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

- Trial procedure

- 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)

December 2021

- Forensic Video Analysis theory
- Workflow in Amped FIVE
- 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

Common Pleas Court of Meigs County

June 29th, 2016

14 CR 117

- Expert Witness Qualification
- Testified concerning forensic audio analysis of evidence in a felonious assault trial

State of Ohio vs Tony Cohen

Common Pleas Court of Summit County

December 1st, 2017

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.

August 21st, 2019

State Medical Board of Ohio

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