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COMMONWEALTH OF MASSACHUSETTS

MIDDLESEX, SS.
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IN RE: INQUEST INTO THE DEATH
OF BRENDAN REIT

OF BRENDAN REILLY * 2227 IN000001
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RE: INQUEST
(ENTIRE TRANSCRIPT IMPOUNDED)
DAY 4
BEFORE THE HONORABLE MICHAEL D. BRENNAN

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(Appearances continued on page 2.)
Concord, Massachusetts Courtroom 2
February 10, 2023
Court Transcriber: Lisa Marie Phipps, Certified Shorthand Reporter, Registered Professional Reporter, Certified Realtime Reporter

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PROCEEDINGS
(Court called to order.)
(10:04 a.m.)
THE COURT OFFICER: Court is now in session. You may be seated.

Please be quiet.
THE CLERK: Your Honor, good morning.
Today is Friday, February 10, 2023.
Entering the sealed portion of the record. This is $2227 I N 01$, Inquest into the Death of Brendan Reilly.

THE COURT: All right.
Parties identify themselves for the record, please.

MR. VAN EPPS: Good morning, your Honor.
Graham Van Epps.
I'm sorry I delayed everything this morning.

THE COURT: That's not a problem.
MS. GEMMILL: Good morning, your Honor.
Caitlin Gemmill, on behalf of the Commonwealth as well.

MR. MCDONALD: Good morning, your Honor.
Alan McDonald on behalf of the Lexington police officers.

MR. HEINEMAN: Good morning, your Honor. Michael Heineman on behalf of the Reilly family.

With me is Attorney Jason Kent.
THE COURT: All right.
Mr. Van Epps, whenever you are ready.
MR. VAN EPPS: Yes.
THE COURT: Or Ms. Gemmill.
MS. GEMMILL: Yes.
Good morning, your Honor.
Our first witness this morning is going
to be Lieutenant David Cahill of the
Massachusetts State Police.
THE COURT: Okay.
MS. GEMMILL: And $I$ would inquire of Mr. Rojas, if $I$ could please have Exhibits 29 through 33 .

THE CLERK: Sir, I am going to ask you to kindly raise your right hand.

Do you solemnly swear or affirm that the testimony you will provide the court today will be the truth so help you God?

THE WITNESS: I do.
DAVID CAHILL, SWORN
THE COURT OFFICER: Have a seat, sir.

THE CLERK: Exhibits 29 through 33.
MS. GEMMILL: Thank you.
THE COURT OFFICER: I gotcha.
THE CLERK: Thank you.
THE COURT OFFICER: Yep.
MS. GEMMILL: Thank you so much.
THE COURT OFFICER: My pleasure.
MS. GEMMILL: Your Honor, may I proceed?
THE COURT: Yes.
EXAMINATION
BY MS. GEMMILL:
Q. Good morning, sir.
A. Good morning.
Q. Can you please tell us your first and last name and spell them both for the Court.
A. Yes.

David Cahill, $D-A-V-I-D C-A-H-I-L-L$.
Q. Where are you currently employed?
A. I am a detective lieutenant with the Massachusetts State Police.
Q. And you said you are a detective lieutenant.

Does that refer to your rank?
A. Yes, it is.
Q. How long have you held the rank of detective lieutenant with the Massachusetts State Police?
A. Four and a half years.
Q. Okay. Is there a specific section that you are assigned to within the Massachusetts state Police?
A. I am.
Q. What section is that?
A. I am the unit commander for the Firearms

Identificatıon Section, or Blastics Section, for the Massachusetts State Police.
Q. How long have you held the role of commander of that section?
A. Four and a half years.
Q. What was your position prior to becoming the commander of the firearms section?
A. I was the lieutenant, and $I$ was the executive officer.
Q. Okay. Also for the Massachusetts State Police?
A. Yes.
Q. How long have you worked for the Massachusetts State Police in total?
A. Thurty-six years.
Q. Sir, can you describe for us what your current duties and responsibilities are as the commander of the Firearms Unit?
A. Yes. I am the unit commander for Firearms Identıfication Section that involves -- where the Massachusetts State Police Crime Lab, we have 18 total examiners assigned to the section.

We have four different labs across the State of Massachusetts.

I'm responsible for the -- I am technical leader for the lab, for the Firearms Identification Section.

That means I'm responsible for the pollcies and procedures that we follow for the Firearms Identification Section.
Q. All right. As part of your duties and responsibilities, do you personally inspect firearms- and blastics-related evidence?
A. I do.
Q. Can you describe to us what kind of training You have had in the field of firearms identification and blastics?
A. Yes.

I've been in the Firearms Identification Section since $I^{\prime} v e$ been a trooper.

So when you get to the section, the first two years assigned to the section is more of an apprenticeship program.

During those two years you work with other qualıfied examiners, you learn the field of firearms identification, the microscopic examinations.

Also during those two years, you are sent out to numerous training opportunities.

I've been to the $F B I$ Academy down in Quantico, Virginia, for advanced technıques in firearms identification.

I've been to the ATF School for the knifing [sic] system in Largo -- Largo, Florıda.

I've been to numerous armorers's courses, Smith \& Wesson, Colt, Glock, Ruger, Remington.

Those classes are -- we understand the care and maintenance of firearms; also the manufacturing processes that have been used to manufacturer those items.
Q. And did those specific armorer and training programs help you learn about how any individual model of firearm actually functions?
A. Yes.

We learned the care and maintenance of that; and, also, what we try to do is we try to get into the factories to see the manufacturing processes used to manufacturer these firearms.
Q. In the course of your career, have you had the opportunity to actually fire any of the weapons that you learned how to examine?
A. Probably in excess of 2,000 firearms.
Q. Okay. Do you have any kind of -- any kind of higher education prior to or during your time as a Trooper?
A. Yes.

I have a bachelor's degree from West New England University for the criminal justice.

I also have a master's degree in criminal justice from the University of Massachusetts in Lowell.
Q. Do you have any kind of ongoing training to maintain your expertise in the area of firearms? A. Yes. We have ongolng training at the lab, both internally and externally.

I've been to the AFTE conference. What AFTE is, it's the Association of Firearms and Tool Mark Examiners. They have a week-long conference every year.

I've been to several of those conferences. Q. Do you actually participate in the training of other officers in the identification and examination of firearms and ballistic evidence?
A. I do.
Q. What kind of training do you do?
A. Both -- we have certain signoffs for the examiners assigned to the section, so I get them through the training process to get signed off. The first one would be the functionality of firearms. How firearms work.

How we examine them, test-fire them, and generate our reports for -- for court purposes. The second signoff would be for the crime scene response.

How do we respond to crime scenes? How do we document and collect crime seen or firearms-related evidence at crime scenes.

And the third signoff would be for the microscopic examination or firearms identification.

I participate in all three of those for our examiners.
Q. okay. What kind of examinatıon -- or what kind of -- what kind of services does your unit provide when a case comes in?
A. We examine firearms and firearms-related evidence.
Q. Does that sometimes include actually going
out to an active scene? A. Yes.

We get -- we could get evidence two ways. One, the submitting agency or the police department can submit the evidence to the lab over the counter.

Also, we provide the services, they can call us to the scene, and we can recover the evidence -- or firearm-related evidence from the scene.
Q. All right. How did you actually become involved in a case?

Like, let's say a locate police department requires the assistance of your firearms section.

How do you go out there?
A. We have a notification process.

The local police department would call the State Police Headquarters or Troop Headquarters of the jurisdiction of that area.

Then the duty officer assigned to that headquarters would has -- has a phone list and we have an on-call list, and he would call the Trooper from our section to respond to the scene. Q. All right. And then sometimes you're asked to come directly out to a scene and other times
you receive evidence that's been brought to you after the fact; is that fair?
A. Yes.
Q. Okay. When you actually go out to the scene to conduct an on-scene response, what kind of activity do you and your team engage in?
A. First, we would get the phone call; then we get the address. We respond to the scene.

The first thing $I$ would do at the scene, I would get in touch with the lead investigator, either from the State Police or the local police.

I would let them know that we are here and get a brief synopsis of what they are asking us to do.
Q. Okay. And if you actually go out to the scene, what is your role when you are actually out there?
A. Well, I am part -- I'mpartof a team.

My role there would be to deal with any
kind of firearms or firearms-related evidence.
Q. Are there other members of the Massachusetts

State Police Crime Lab that would respond to a scene in a situation where your team is requested?
A. Yes, most of the time there are.
Q. Okay. And at what phase?

Like, let's say Crime Scene Services come out to photograph or document a scene, what - at what point are you allowed to take a look through and look at evidence?
A. Usually we would -- my -- well, myself or people from my section would walk through with Crime Scene Services to do a -- an overall walk-through of the scene.

Then Crime Scene Services would process the scene with -- for print -- not with -- for prints, photographs, or videotape.

We would come in at the very end and collect all of the evidence.
Q. Okay. I'm going to turn your attention now, specifically to February $12 t h$ of 2022 .

Were you working on that day?
A. I was not.
Q. All right. Were you called in to assist with a scene?
A. Yes, I was.
Q. All right. And were you specifically requested to go to a scene in the area of the Hancock Road Rotary in Lexington on that afternoon?
A. I was.
Q. All right. Do you recall who requested your assistance?
A. Again, we got the call through the Troop Duty Office of A Troop.

And that would be the Middlesex County -detectives assigned to the Middlesex County District Attorney's Office.
Q. All right. Did you, in fact, go to the area of that rotary in Lexington on the February -February the 12th?
A. I did.
Q. Did anyone from your team go with you? A. Yes.

A Trooper David Hughes from my offace was also there.
Q. David Hughes?
A. Yes.
Q. Okay. When you arrived, can you give us a general description of what was going on? A. Yes.

It was a residential area in the Town of Lexington. There was a small rotary in that area.

At that time there were numerous --
numerous police and first responders present at the scene.
Q. When you arrived, do you have a sense of what time of day it was?
A. It was approximately three o'clock in the afternoon.
Q. All right. Sor at that point in February, did you still have light, like natural light?
A. Yes.
Q. All right. Do you remember anything about what the weather was like that day?
A. I belleve it was fairly clear and fairly mild for the time of year.
Q. All right. Was Crime Scene Services on scene as well?
A. They were.
Q. All right. So what did you do -- what did you do first once you got to the area of the rotary?
A. Let the detectives from Middlesex District Attorney's offıce know $I$ was present.

And I tried to meet up with the other officers from the Crime Scene Services section. Q. Okay. Did you get a quick briefing about what had -- what had occurred in that rotary
early in the day?
A. I did.
Q. Okay. And what was your understanding, just briefly, of what had happened?
A. That it was a police officer-involved shooting.
Q. Okay. And what was your role going to be on that scene?
A. To document and recover and firearms or firearms-related evidence.
Q. Okay. Did you encounter Crime Scene Services as well? I think you mentioned they were there.
A. I did, yes.
Q. And did you go around with Crime Scene Services to tour the scene, so to speak?
A. Yes, we did a basic walk-through of the scene prior to them starting their documentation. Q. Did -- can you explain to us what your initial observatıons were walking through the scene?
A. There was firearms-related evidence on the ground.

There were discharged shot cells.
There were -- the shot cell were bean bag projectiles.

There were some discharged-- 9 mm Luger caliber discharged cartridge casings on the -- on the ground.
Q. Okay. Did you participate in documenting the Iocatıon of those different casings?
A. Yes, in the fact $I$ pointed out what $I$ wanted the Crime Scene Services section to document. Q. All right.

Is there any particular way that Crime Scene Services documents the location of the ballistics evidence that you see besides photographing?
A. Yes.

They put plastic placards down on the ground with numbers on them so we can number the items for our reports.
Q. All right. And you were able look back at those numbered placards later to, you know, remind yourself of where different pieces of item -- different items were located?
A. Yes.

As we recover the evidence, we document the time, location, and the Crime Scene Services placard number when we recover it.
Q. In addition to different kinds of cartridge
casings and shells, did you also observe any spent projectıles of any kind?
A. In the fact that there were spent bean bag rounds from the less-lethal shotgun.
Q. All right. Are you familiar with the bean bag -- familiar with bean bag rounds?
A. I am.
Q. Okay. I'll get into that in a little bit.

What is your responsibility with the scene after you've done a walk-through and had crime scene document the location of each piece of ballistic evidence with a placard?
A. We physically recover the evidence.
Q. Okay. And what does that -- what does that entail?
A. We walk around, and we both document it on paper, and we have individual little -- small manila envelopes.

Once we recover the evidence, we'll place it in the manila envelope.

And, again, we'll document the date,
location, and time of recovery.
Q. All right. Do you wear gloves for that process?
A. We do.
Q. All right. And once you've recover -- once you recover that evidence, where does $1 t$ go? A. We return to the State Police Crime Lab in Maynard and enter it into our evidence tracking system or our LIMS system.
Q. Detective lıeutenant Cahill, did you prepare a report about your observations on the scene that day?
A. I did.
Q. Okay. And later you also prepared an identifıcation section report from your analysis of those items; is that correct?
A. I did.
Q. Okay. So first I'm going to show you a document and ask you if this is your scene report?

If you can just flip through to verify that this is your scene report from that day. A. It is.

MS. GEMMILL: Okay. I ask that this be marked as the next exhibit.

THE CLERK: Sixty-one, your Honor.
THE COURT: Exhibit 61.
(Exhibit No. 61, Scene report, received into evidence.)

BY MS. GEMMILL:
Q. Okay. And Lieutenant Cahıll, I'm going to give you another copy of Exhibit 61 for you to reference -- for to refer to, okay?
A. Yes.
Q. So this scene report refers to Lab No. 22-03176; is that correct?
A. Yes, it is.
Q. And can you tell us the -- the date of your report in this case?
A. June 7, 2022.
Q. And fair to say you prepared an -- an earlier report but there was a minor correction that you made later on; is that correct?
A. That is correct.
Q. Can you just tell us the nature of the correction that was made?
A. It was an administrative correction due to the listing of the evidence from the -- recovered from the Medical Examiner's Office.
Q. All right. So, in addition to items that were recovered on scene in the area of the rotary, did you also retrieve items of evidence from the Office of the Chief Medical Examiner?
A. I did.
Q. All right. And what were those items?
A. There were four copper jackets for spent projectiles and one bean bag round.
Q. Okay. So you were able to recover four $9 m m-s p e n t$ projectiles and one bean bag -- spent bean bag projectile from the Office of the Chief Medical Examiner, correct?
A. I was.
Q. Okay. While you were on scene, did you receive any weapons --
A. I did.
Q. -- for examınation?
A. Yes.
Q. Okay. What was the first weapon that you received?
A. From the Lexington Police Department, $I$ received a -- a Glock Model 17 Gen5 semi-automatic pistol.
Q. All right. A semi-automatic pistol?
A. Yes.
Q. All right. What was your understanding about that pistol, if anything?
A. That was the firearm that the officer used, had discharged at the scene.
Q. Okay. Did you actually take that firearm and
take it back to your lab?
A. I did.
Q. What is the process that you go through to recover -- to recover that weapon?
A. When we recover it, we make note of make, model, serial number of the weapon.

We will unload it.
We'll denote whether the weapon was loaded or unloaded.

If it had ammunition, number of live rounds in the weapon itself.

Also, if the officer had additıonal ammunition on his person, we'd check that also. Q. All right. And, $1 n$ this particular case, did you list that firearm as Item 2-1 on your scene report?
A. It is.
Q. Okay. Now, did that -- did that Glock pistol have any kind of magazine assocıated with it?
A. It did. It had one magazine inside the weapon itself.
Q. All right. So when you recelved that firearm, it still had a magazıne loaded into it?
A. It did.
Q. Okay. Was there any ammunition recovered in
conjunction with that pistol?
A. Yes, there was.
Q. And where was the ammunition located?
A. There was one lıve cartridge in the chamber of the weapon and 13 live cartridges in the magazine of the weapon.
Q. All right. And we are going to get into the specifics of that weapon a little bit later in your testimony.

But, so the court is aware now, do you know what the capacity of the magazine for that pistol was?
A. Yes.
Q. How many total rounds can that pistol hold? A. Seventeen live rounds in the magazine and one in the chamber, so a total of 18 live cartridges. Q. Okay. And you recovered 13 rounds from the magazine and one round from the chamber; is that correct?
A. Yes.
Q. So the total capacity for the firearm is 18 rounds, including the one in the chamber, and you recovered 14 rounds?
A. That is correct.
Q. okay. Were there any other weapons on scene
that you took back to your lab?
A. No, there were not.
Q. Okay. Were there any other weapons on scene that you were made aware of?
A. Yes, I was.
Q. What was that weapon?
A. There was a Remington Model 870 less-lethal pump-action shotgun.
Q. Did you actually take a look at that Remington shotgun?
A. I did.
Q. All right. And who -- who had $1 t ?$
A. The Lexington Police Department.
Q. Okay. What did you observe about that shotgun at the time you took a look at it? A. Just the make and model and that it had stamped on it, "less-lethal."
Q. All right. Are you familiar with that Remington model shotgun, less-than-lethal shotgun?
A. I am.
Q. And what kind of familiarity do you have with that shotgun?
A. It is -- it's a common less-than-lethal
weapon system that a lot of peop -- police
departments use.
Q. Are there ever situations -- in your experience, have you ever received a less-than-lethal shotgun to actually analyze back at
your lab?
A. Yes, I have.
Q. And under what conditions or circumstances have you been asked to examine a less-than-lethal shotgun at the lab?
A. If there was a malfunction in the operating of the firearm -- that shotgun at the scene.
Q. Okay. So in situations where there are some concern that the shotgun itself may not have functioned properly, you have taken it to inspect it and find out whether it was working; is that fair?
A. Yes.
Q. Okay. So in -- in the circumstances known to you, was there any concern that the shotgun itself had malfunctioned on scene?
A. There was not.
Q. Okay. You mentioned seeing a series of shotgun casings -- or shotgun shells, if I'm saying that correctly?
A. Yes.
Q. Throughout the scene; is that correct?
A. That is correct.
Q. Those casings, did you recognize them as being associated with this less-than-lethal shotgun?
A. Yes.
Q. Okay. And we'll talk about that further in Just a little bit, too.

Were there any other weapons that you inspected as part of your on-scene actıvities?
A. I did?
Q. What other weapons did you look at?
A. There were other Lexington police officers at the scene, so I -- we checked or made note of make, model, serial number of those weapons and what their ammunition -- what the -- what ammunition it carried and how many rounds it carried.
Q. Okay. And you only took the one Luger caliber Glock 17 in Item-2-1, correct?
A. Yes.
Q. And was that because that was the only firearm that you were informed had been discharged on scene?
A. That is correct.
Q. Okay. And would one of your responsibilities back at the lab be to ensure that that is the gun that was fired --
A. That is part of our --
Q. $\quad-$ so to speak?
A. -- examination process, yes.
Q. Okay.

Okay. So you mentioned that you recovered -- that you noticed sev -- several different kinds of cartridge casings.

And $I$ believe one of the kinds of cartridge casings you observed were $9 m m$ cartridge casings; is that correct?
A. Yes, it is.
Q. Okay. So let's talk about those first.

In looking at your scene report, are those the items -- can you tell us which ltems are the discharged cartridge casings?
A. Yes, Items 2-5, 2-6, 2-7, and 2-8.
Q. Okay. Can you describe the general location of those casings as you found them on scene?
A. They were probably a little north of the rotary on the right-hand side on the grass.
Q. Okay. How close were they to each other?
A. They are between 12 and 18 inches.
Q. Okay. Were you able to collect those casings?
A. I was.
Q. Okay. And I'm going to show you what has been previously introduced as Exhibit 31.

And if you could just flip through
Exhibit 31 and tell us if these are photographs of the 9 mm shell casings on scene with their placards associated with them?
A. They are.
Q. Okay. Thank you.

And those four 9 mm shell casings, are those the only 9 mm casings you found on scene?
A. Yes.
Q. All right. Now, you also noticed discharged shot shells.

Can you tell us in your scene report which
items correspond to the discharged shotgun
case -- cartridge casings?
A. Yes.

Items 2-10, 2-11, 2-12, 2-13, 2-16, 2-17,
2-18 and 2-19.
Q. And so that -- if $I$ count correctly, that is eight total discharged shotgun shell casings,
correct?
A. Yes.
Q. Okay.

THE COURT: Can $I$ just have those numbers
once -- one more time?
It's 2-10, 2-11, 2-12..
THE WITNESS: 2-13, 2-16, 2-17, 2-18,
2-19.

THE COURT: Thank you.
BY MS. GEMMILL:
Q. Were you familiar with the kind of weapon that those discharged cartridge casings come from?
A. Yes.
Q. And what kind of weapon is that?
A. It's a Remington Model 870 pump-action shotgun.
Q. All right. I'm going to show you some additional photographs in just a second.

But did you also locate any spent
projectiles on scene?
A. I did.
Q. And what kind of intersect projectiles did
you locate on scene?
A. There were the bean bag projectiles from
those discharged shot shells.
Q. Okay. Can you tell us which numbers in your scene report correspond to the spent bean bag projectiles that you found on scene?
A. Yes. $2-9,2-14,2-15,2-20,2-21,2-22$, 2-23.
Q. okay. And, by my count, that's a total of seven discharged bean bag projectiles, correct? A. Yes.
Q. Or spent bean bag projectiles?
A. Yes.
Q. But we had eight casings, correct?
A. Correct.
Q. Dld -- and you -- you mentioned recovering another bean bag projectile from the Office of the Chief Medical Examiner; is that correct?
A. Yes.
Q. Can you tell us what number in your scene report corresponds to the bean bag projectile recovered from the Office of the Chief Medical Examiner?
A. Yes, it would be Item 5-4.
Q. Okay. Did you locate any spent 9 mm projectiles on scene?
A. I did not.
Q. Okay. So Lieutenant Cahill, I am going to show you Exhibit No. 29 and Exhibit No. 30 to start.

So I am going to show you Exhibit 29
first.
If you can just look through this and show -- and tell us if these are photographs of the -- of the spent -- some of the spent bean bag projectiles and the shell casings from the shotgun.
A. Yes, they are.
Q. Okay. And I am going to show you Exhibit 30 .

And if you can flip through Exhibit 30 and
tell us if these are additional photographs of some of those projectiles, bean bag projectiles and shell casings from the shotgun?
A. Yes, they are.
Q. Okay. Thank you.

I am going to show you Exhibit 32. And look at the third page of Exhibit 32.

Is that Placard 18 , another one of the bean bag projectiles?
A. Yes, it is.
Q. And, finally, I am going to show you Exhibit 33.

And if you can just flip through that and tell us if you see the -- some of the placards with the bean bag projectiles?
A. Yes, I do.
Q. Okay. Did you have the opportunity to actually examine those bean bag projectiles, the spent bean bags?
A. Yes, I did.
Q. All right. And what are -- how are they composed?
A. They are composed of a Kevlar cotton material with about 40 grams of No. 9 lead shot.
Q. Are you familiar with that kind of bean bag projectile?
A. Yes.
Q. All rlght. And is that -- what kind of casing do those come out of?
A. Those come out of a -- usually a 12-gauge shot shell.
Q. All right. And is that consistent with the 12-gauge shot shells that you recovered on seen? A. Yes.

MS. GEMMILL: One moment.

BY MS. GEMMILL:
Q. Did you recover any other kind of evidence
from the Office of the Chief Medical Examiner besides the bean bag projectile?
A. I did.
Q. All right. And can you tell us what items you recovered from the office of the Chief Medical Examiner besides the bean bag?
A. Yes.

Items 5-1, 5-2, 5-3, and 5-5.
Q. What were those items?
A. Those were copper jacket lead-spent projectiles.
Q. All right. And did you collect those so that you could do further forensic analysis on them?
A. Yes, I received them at the ME's office, and I brought them back to the lab. And then again, I entered them into our LIMS system.
Q. Okay. And fair to say that the items that are recovered from the Office of the Chief Medical Examiner were in conjunction with the autopsy of Brendan Reilly; is that correct?
A. Yes.
Q. okay. So I'm going to.turn you now to your forensic analysis that you conducted in this case.
Were you able to actually conduct forensic
analysis on some of the items that you received here?
A. I did.
Q. All right. Did you reparr -- prepare a report in conjunction with that analysis?
A. I did.
Q. Okay. And I am going to show you a document and ask you if this is your Firearms Identification Section report prepared in conjunction with this.
A. (No audible response.)
Q. Is the document I've just handed you your Firearms Identification Section report dated June 7, 2022?
A. That is correct.
Q. Okay. And fair to say that this is also a corrected report, correct?
A. It is.
Q. And is that due to the administrative correction that you mentioned earlier?
A. Yes.

MS. GEMMILL: I'd ask that this be marked as our next exhibit.

THE CLERK: Sixty-two, your Honor.
THE COURT: Exhibit 62.
(Exhibit No. 62, Firearms Identification Section report dated June 7,2022 , received into evidence.)

MS. GEMMILI: Thank you.
BY MS. GEMMILL:
Q. Lieutenant Cahill, I'm going to hand to you a copy of Exhibit 62 for your reference.

Okay. So starting with Item 2-1, the
firearm that you recovered from the scene.
Were you to conduct an examination of that
firearm?
A. I was.
Q. What does your examination of a firearm entail?
A. It is taken to an examination room. We document make, model, serial number of the weapon.

We measure the barrelling of the weapon. We measure the trigger pull of the weapon. The trigger pull is how much pressure it needs -- the weapon needs to take to pull the trigger.

We also measure or count the number of lanes and grooves in the barrel itself. Q. Okay. Were you able to confirm the identity of that pistol through your examination of it?
A. I was.
Q. And what did you confirm that pistol to be?
A. That it was a 9 mm caliber Glock Model 17 Gen5 with the Serial No. of BGTS816.
Q. Okay. Were you able to conduct a test-fire of that weapon?
A. I did.
Q. What was the result of your test-fire?
A. I took two of the recovered lab cartridges from that weapon, brought them into a test-fire room, test-fired the weapon. No malfunctions.
Q. All right. So, ultimately, in your training and experience you were able to determine that this was a working firearm with no malfunctions?
A. That is correct.
Q. Did it have any kind of issue?
A. It did not.
Q. Okay. The Glock 17, is that a weapon that you have encountered before in the course of your employment?
A. Yes, I have.
Q. And do you see that weapon frequently?
A. It is a common off -- police officer-issued weapon.
Q. All right. You also received ammunition in
connection with this firearm that you recovered as well, correct?
A. That is correct.
Q. And that ammunition is described in Items 2-2 and 2-4; is that correct?
A. That is correct.
Q. And fair to say just for clarity, the item numbers between your scene report and your Firearms Identification Section report are the same; is that correct?
A. That is correct.
Q. Okay. Were you able to examlne the ammunition?
A. I did.
Q. All right. And the -- were you able to determine anything about that ammunition?
A. As part of the examination we make note of what we call the headstamp.

And what the headstamp is, it's the manufacturer's stamp on the weapon. So it gives the caliber and the manufacturer name.
Q. Okay. And what did you conclude about the ammunitıon recovered in 2-2 and 2-4?
A. That they were all FC, which is Federal Cartridge Corporation, 9 mm Luger caliber live
cartridges.
Q. Okay. Are they all the same -- all the same kind of ammunition?
A. All the same make, model.
Q. All right. How can you tell from your inspection of an item of ammunition that it's live?
A. But looking at the ammunition, you can see three of the four components.

Usually -- ammunition consists of four components: There's the projectile on top; there's the casing itself; there's the primer on the bottom of the cartridge; and there's the gunpowder inside the cartridge.
Q. Okay. When a weapon is actually fired, how -- how does that process work?
A. Depending on the weapon system, you pull the trigger, the hammer falls or the striker falls, it strikes the firing pin.

Inside the firing pin is an explosive compound.

Due to the shock of the firıng pan hitting it, it ignites or sets off that explosive compound.

There are usually what are call flash
holes in the bottom of that cartridge case. There is a flash in the primer, it ignites the powder, the powder generates pressure and the pressure does two things.

One, it forces the projectile down the barrel.

In a semi-automatic pistol, it operates the weapon system itself.
Q. Okay. And then the bullet fires essentially, right?
A. Yeah.

The bullet leaves the barrel and then the -- then the gases come out from the -- the burned powder.
Q. Okay. Are you familiar with the maximum travel distance of a projectile fired from a Glock 17 semi-automatic plstol?
A. It can - $\quad$ know what distance it can travel.
Q. What distance can it travel?
A. Unim -- unimpeded, probably a mile.
Q. A mile?
A. Yeah.
Q. Okay. Now, you didn't actually have the Remington model less-than-lethal shotgun back at your lab, but you did tell us that you are
familiar with that weapon, correct?
A. I am.
Q. Do you have any -- any ballpark familiarity with how far the maximum range of that shotgun is?
A. Usually 25 yards or 75 feet, with that type of ammunition.
Q. okay. So now $I$ want to turn you to the 9 mm discharged cartridge casings that you located on scene.

Those are Items $2-5,2-6,2-7$, and $2-8$, correct?

Try page 1. Sorry.
A. Oh.

Yes.
Q. All right. Were you able to examine those cartridge casings?
A. I was.
Q. Okay. What information are you looking for in examining those cartridges?
A. A basic examination we are making note of the manufacturer or the headstamp and -- the docing of that -- the caliber, manufacturer.

And then -- then we will microscopically examine it after that.
Q. Okay. What are you looking for in a microscopic examination of a cartridge casing? A. We are looking for the individual marks left behind during the firing process from the firearm to the discharged cartridge casings.
Q. Are the marks that are left behind by any particular firearm unique to that firearm?
A. Yes.
Q. Okay. Were you able to make any comparison between the discharged cartridge casings in Items $2-2,2-6,2-7$, and $2-8 ?$
A. I was.
Q. And what conclusions could you reach about those cartridges?
A. One, they were all fired by the same weapon. Q. All right. Were You able to make a compare -- and that was based on your microscopic examination of them?
A. That is correct.
Q. All right. And you also were able to confirm that they were 9 mm caliber cartridges, correct?
A. Yes.
Q. Okay. Were you able to draw any conclusions between these cartridge casings and the firearm that you were -- that you examined in Item 2-1?
A. I did.
Q. What was the conclusion that you draw about the relationship between those cartridges and that firearm?
A. I compared the test-fires from the firearm to the recovered 9 mm Luger cartridge casings from the scene and made the determination that the -the four casings were fired by the recovered Glock semi- -- semi-automatıc pistol.
Q. Okay. So the cartridge casings on scene were fired by that 9 mm Luger caliber Glock recovered from the Lexington Police?
A. Yes.
Q. okay. Were you able to exam the spent projectiles that you recovered from the office of the Chief Medical Examiner in Items 5-1, 5-2, 5-3, and 5-5 - -
A. I did.
Q. -- those 9 mms ?
A. I did.
Q. What does your examination of those spent projectiles involve?
A. We take them back to the lab; do our physical examination, which $1 s$-- encompasses -- we will weigh them.

We will measure the diameter of the projectiles.

We will look at the rifling on the projectiles.

So we will make note of all those observations and measurements.
Q. Okay. Were you able to determine what caliber those spent projectiles were?
A. I did.
Q. What caliber were they?
A. $38 / 9 \mathrm{~mm}$ caliber class projectiles.
Q. Okay. Were you able to draw any conclusions by comparing those spent projectiles to each other?
A. I did.

I microscopically compared the projectiles to each other.
Q. And what did you conclude about them?
A. That all four of these 9 mm projects [sic] were fired Erom the same weapon.
Q. All right. Were you able to make any comparison between these spent projectiles and the firearm recovered in Item 2-1?
A. I did.
Q. And what was your conclusion - what
conclusion did you draw about the relatıonship between those spent projectiles and the fixearm? A. Again, I test-fired the recovered firearm with the submitted ammunition.

I compared the two test-fires from the weapon, one to each other. I was able to identify them to each other.

And I compared those to the recovered projectiles because $I$ had to make a determination that all four of the recovered projectiles were fired by the Glock model 17.
Q. Okay. Is there any way that you can tell by looking at an individual spent 9 mm projectile, what shell casing it would have been associated with?
A. No.
Q. All right. From looking at the spent projectiles, can you draw any conclusion about how far away the shooter was from where the spent projectıles were ultimately recovered?
A. No.
Q. All right. And you -- so you can't determine anything about the -- the muzzle-to-target distance from looking at the spent projectiles, correct?
A. You can.

That's not a process that I -- I do myself.
Q. Okay. What would that involve?
A. It's -- it's -- you are doing gunshot residue testing.

So you are testing the chemical compounds from the firing process; you are talking the clothes, chemically treating the clothes, and you are comparing the test -- the test-fires from that weapon.

And you chemically treat the test-fires, and you compare the test-fires chemical treatment clothing to the recovery clothing.
Q. Okay.
A. But it's a process that $I$ do not -- or my section does not perform.
Q. And that process is completely separate from the actual discharge -- excuse me, the actual spent projectiles themselves, correct?
A. Yes.
Q. Okay. Now, were you able to examine the shotgun, the 12 -gauge shotgun cartridge casings? A. I did.
Q. And what conclusions were you able to draw
from those shotgun casings?
A. They are all consistent in manufacturer of 12-gauge less-lethal ammunition.
Q. Are you able to tell anything about what weapon those -- like what particular weapon those cartridge casings were fired from?
A. I did not do a microscopic comparison of test-fires from the shotgun to the recovered evidence.
Q. Okay. And was there any particular reason why not?
A. There was no question of what weapon was used at the scene. There was only one shotgun used. It wasn't requested to do any microscopic comparison of that.
Q. Okay. Are you able to make any microscopic or forensic examination of the actual bean bag projectiles themselves to determine whether they came from a particular shotgun?
A. No.
Q. Okay. Can you make any kind of forensic comparison between the discharged bean bag projectiles or the spent bean bag projectiles and any particular discharged 12-gauge casing?
A. I can't tie them back to a particular casing
other than saying that they are consistent with that type of ammunition.
Q. Okay. And were the bean bag projectiles that you recovered here consistent with the 12-gauge ammunition -- shell casings that you found on scene?
A. They were.
Q. Okay. And the eighth bean bag projectile that was recovered from the Office of the Chief Medical Examiner, that was also in conjunction with the autopsy of Brendan Reilly, correct?
A. That is correct.
Q. And was that bean bag also consistent with the other bean bag projectiles that you found on scene?
A. It was.
Q. Okay. And, again, there's no way for you to tie a particular bean bag projectile to any particular shell casing on scene, correct?
A. That is correct.
Q. You mentioned that you are familiar with the Remington - to the Remington shotgun.

Can you tell the court how that's typically loaded?
A. Yes. It's a 12-gauge caliber pump-action
shotgun.
In order to load that, there is a loading port underneath the gun itself.

You take the live cartridges and you -- it is a tubular magazine, so you load it in from the bottom, you put the round up into the -- into the magazine.

It could have a capacity from four to seven cartridges or shell -- shot shells, so you load them in manually from the bottom.
Q. Okay. And when that shotgun is fired, how is the spent cartrıdge ejected from the shotgun? A. Yeah. In order to fire thıs weapon, you have to, like, unload the ammunition.

And to -- and to operate it, it's called a pump action, so there is an action on the front of it that you pull to the rear and push forward.

So when you pull to the rear, it strips one large -- one large shot shell from the tubular magazine and when you push it forward, it loads that large shot shell into the chamber of the weapon.

Now, it -- it does have a safety on it so you have to disengage the safety.

Once you disengage the safety and you've
loaded it into the tubular magazine -- from the magazine into the chamber, the weapon's ready to fire.

In order to fire the weapon, you just -you pull the trigger.
Q. Okay.
A. In order to fire the weapon a second time, you need to pull that action to the rear.

As you pull that action to the rear, it grabs on to that discharged shot shell and ejects it out to the right of the weapon.

So you pull over to the rear; it ejects the discharged shot shell.

And then, when you -- to load it a second time, then you push that action to the forward, it strips that next live cartridge from the tubular magazine, loading it into the chamber; the weapon is ready to fire a second time. Q. Does the shot casing that ejects out the back of this weapon, does it always eject in a particular direction?
A. In a particular direction, yes.
Q. Okay. What drrection would that be?
A. To the right.
Q. Okay. And does it always go an approximate
-- approximately the same distance when it's ejected?
A. It does not.
Q. What factors affect how far the cartridge casing would go with -- upon ejection?
A. It would depends on the operator of the weapon, whether -- how -- how hard they pulled that action to the rear.
Q. Okay. So would you be able to draw any conclusion about how far away a shooter of that shotgun was from looking at the location that a cartridge casing landed?
A. No, I would not.
Q. All right. Are there other factors that would affect how far away the shooter is from where the cartridge comes to rest?
A. There are, yes.
Q. What kinds of factors?
A. Depending on how hard he pulls it back is how far it goes out.

Also, these are very fluid and, you know, dynamic situatıons. So a lot of people are coming to the scene, so the physical shot shell could be kicked by a particular person or a vehicle could have, you know, run over it and
moved it, also.
Q. All right. And falr to say that these - these cartridge casings are round; is that correct?
A. Yes.
Q. All right. And that gives them a little bit of a possibility of rolling?
A. They could, yes.
Q. Lieutenant Cahill, were you able to provide us with a product description for the 12 GA stabilized Triton bean bag ammunitıon?
A. I was.
Q. Okay. And I'm Just golng to show you this.

Look at it for us.

Now, this is the -- the product description for the $12-g a u g e ~ s h o t g u n ~ s h e l l s . ~$ A. That is correct.
Q. All right. And is this the same kind of bean bag cartridge that was -- that you recovered on scene in Lexington on the 12 th of February?
A. Yes, it is.

MS. GEMMILL: All right. I'd ask that thıs be marked as the next exhibit.

Introducing the next exhibit.
THE CLERK: Sixty-three, your Honor.

MS. GEMMILL: Thank you.
THE COURT: Exhibit 63.
(Exhıbit No. 63, Product description, received into evidence.)

BY MS. GEMMILL:
Q. And, Lieutenant, I'm just going to show you Exhibit 63 again quickly.

There is a little picture here of the shotgun cartridge, correct?
A. That is.
Q. All right. And this is the unfired cartridge; is that fair?
A. Yes.
Q. All right. So it still has its little bean bag loaded in?
A. Yes.
Q. And do you see like a red color at the top of this?
A. Yes.
Q. Do you know what that corresponds to?
A. It's called wadding.

It's a plastic disk that's placed on the top of the -- inside the shot shell on the top.
Q. All right. Dıd you recover any plastic disks like that from the scene, that you recall?
A. I don't recall at the scene.
Q. All right. Was there one in the bean bag projectile recovered from the Office of the Chief Medical Examiner?
A. Yes, there was.
Q. All right. Does that disk usually get ejected out at the same time that the shotgun is being fired?
A. Yes, it is.
Q. Okay. Can you tell anything about -- or can you include anything about the distance from a shooter to the location that a bean bag lands?

And, to rephrase that, can you tell how far away a shooter was from a target based on the distance between the discharged cartridge casing and the location that the bean bag projectile ends up?
A. No, you cannot.
Q. All right. And, again, I think you had told us already that you could not match any particular bean bag projectile to any particular shell casing, correct?
A. Yes.
Q. Okay. So to quickly talk about the firearm -- the Glock firearm -- was there
anything significant to you on scene concerning the proximity of the discharged 9 mm cartridge casings to each other？

A．They were all located between the 12 and 18 inches to each other．

Q．What does that－－what does that tell your， based on your training and experience，$⿲ ㇒ 丨 丶$ f anything？

A．It tells me that they were pretty much－－the weapon was discharged at the same location． Q．Okay．So you could make an inference that whoever＇s－－whoever＇s discharging that firearm is in approximately the same spot for each of those shots？

A．Yes．

Q．Okay．Can you make－－can you draw any conclusions about how far away the shooter is from the spot where the cartridge casings land？ A．No．

Q．And why not？
A．It＇s－－it＇s too fluid，depending on how the weapon was being held；the angle of the weapon in the person＇s hand，it could dramatically change the distance of where the weapon，you know，was fired from．
Q. And we talked a little bit about the mechanism of the discharge of a spent casing from the less-than-lethal shotgun.

How does the discharge work from a 9 mm semi-automatic Glock?
A. Okay. This weapon's a magazine-fired weapon system.

What you do is you have a magazıne that holds, in this case, 17 live cartridges.

You load that magazine up, put all the live cartridges in; then you insert that magazine into the grip of the weapon. So now the weapon's loaded.

In order to chamber a live round from the magazine into the weapon, you have to pull the top of the weapon back. That's called the slide. Q. Okay.
A. So the slide has a very high-tension spring in it. So you pull that slide to the rear.

Once you release that slide, the spring pulls that slide forward.

In that process, it strıps the first live cartridge off the top of the magazine and loads it into the chamber.

So now this weapon is ready to fire. This
particular Glock has no external safety.
So once you pull that slide to the rear, load the live cartridge into the chamber, the weapon's ready to fire.

In order to fure this weapon, you have to -- you pull the trigger -- it's called a striker-fired weapon.

So there is a piece in there that has the firing pin attached to it. The striker's released, the striker strikes the bottom of the cartridge case, that primer we discussed earlier; the explosive compound ignites the powder inside the cartridge case, inside that cartridge case it develops between 20 and 50,000 pounds of pressure in that chamber.

The chamber -- that pressure does two things: One, it forces the projectile down the barrel outside the weapon.

And the other pressure, it forces that slide to the rear.

So it slide -- it pushes that slide to the rear.

The slide comes to a stop.
Then the spring pressure pulls it forward again.

It strips the next live cartridge from the magazine loading it into the chamber. The weapon's ready to fire again.

That process happens -- you know, 17 or 18 times, depending on how many live rounds were in the weapon.

Once the last round is fired, the -- that slide would then lock to the rear and that would be an indication that there's no -- no more any live ammunltion in that weapon system.
Q. When a spent casing is ejected from that weapon, what direction does it go?
A. This particular weapon, there are two parts inside that weapon system called an ejector and extractor.

They both pull onto the bottom of that cartridge casing. And this weapon ejects that discharged cartridge casing to the right and to the rear.
Q. Do you have a sense of how fast or how far a cartridge would be ejected from that weapon?
A. Semi-automatics are usually 12 to 15 feet; but, depending on the area, you know, whether it hits something -- you know, hits a wall, hits an object, it can stop it.

Or like you say, the shot shell, these are round, and they can roll.
Q. Okay. And does the angle that a shooter is holding the gun have any effect on how far the cartridge casing might --
A. It can.
Q. -- travel?
A. Depending on how the weapon is cantered, it determines the distance that that cartridge casing will travel.
Q. Okay. So you are able to infer that the shooter is likely in the same position for these four shots, but you would not be able to determine how close to the spot that these cartridge casings were found, the shooting actually happened?
A. Yes.
Q. Okay. You mentioned that the -- you know, a 9 mm bullet fired from a semi-automatic pistol like this could travel a mile?
A. Yes.
Q. Are you familiar with the parabolic trajectories of a firearm that's being fired? A. Yes.

Again, depending on how the weapon is
held, it could determine the -- how far the projectile could travel.
Q. Okay. Would you expect to see any kind of arcing from, let's say, a target -- let's say somebody fires a gun and hits a target that's 15 feet away.

Would you expect to see any kind of arcing in that distance?
A. No, I wouldn't.

MR. HEINEMAN: Objection.
Your Honor, $I$ don't know $1 f$ we heard qualifications of this witness on that -- this subject matter.

THE COURT: If you want to lay a little foundation.

I think we did, but...

MS. GEMMILL: Sure.
BY MS. GEMMILI:
Q. So, in your experience, as -- with firearms, have you ever been trained on the trajectory that bullets take when they are fired from different kinds of weapons?
A. I have.
Q. Okay. And what kind of trajectory does a bullet take from a 9 mm semi-automatic pistol like
this Glock?
A. Depending how the weapon's held, you know, it's usually a flat -- flat trajectory. Q. Okay. All right. One moment.

Okay. So, in your experience, if a bullet takes -- it's ultimately going to take some kind of arched trajectory; is that fair?
A. A trajectory, yes.
Q. Okay. And how far would a bullet fired from a -- let's say, it's fired stralght from a 9 mm gun.

How far would that bullet travel before you would expect to see that measurable distance of falling to the earth?
A. Well --

THE COURT: We are talking -- we are talking about drop?

MS. GEMMILL: Right.
BY MS. GEMMILL:
Q. How -- how far would it go before you see drop?
A. Well, the bullet is at its maximum velocity when it leaves the barrel of the weapon. The second lt leaves the barrel of the weapon, the velocity is stopping.

So it's --it's gravity's acting on that projectile the second it leaves the barrel. Q. Okay.
A. So, depending on how the weapon is cantered, it would depend on how far it would be before it hit -- actually hit the ground.
Q. Okay. But, again, a bullet fired straight could travel up to a mile?
A. Yes, it could.
Q. Okay. Would you expect to see any kind of arcing -- or any kind of are drop or measurable drop in a bullet fired straight from between a target and something 30 feet away?
A. No.
Q. How about between a target and something 10 feet away?
A. No.
Q. Okay.

THE COURT: Can I ask -- can $I$ just ask a different question?

What's the effective range of a 9 mm round fired from this weapon?

THE WITNESS: As far as leaving the barrel, anywhere from a thousand to 2,000 feet per second.

So the effective lethal range is probably a quarter or a half a mile.

MS. GEMMILL: Thank you, Detective -excuse me, detective lieutenant, $I$ don't have any further questions for you.

THE WITNESS: Thank you.
MR. MCDONALD: No questions.
THE COURT: Mr. Heineman?

MR. HEINEMAN: I do. And I don't know, do you need to -- eleven o'clock, you said you had a witness by zoom.

If you need to break and take that witness, ''m happy to do whatever the court wants.

MR. VAN EPPS: Can we just have a second so $I$ can text the witness?

THE COURT: Sure.

MR. VAN EPPS: I'm just going to step into the hallway.

MS. GEMMILL: I'm just going to return these exhibits to Mr. Rojas while we wait.

THE COURT: I think $I$ am golng to step off and just grab some water.

THE COURT OFFICER: All rise.
(10:59 a.m. court in recess.)
(11:09 a.m. court resumes.)
THE COURT OFFICER: You may be seated. Court is back in session.

THE COURT: Our Zoom doesn't want to work.

MR. MCDONALD: Maybe you guys didn't pay the bill for the Internet --

THE COURT: It's a distinct -- $1 t^{\prime} s$ a distinct the possibility. I think Carlos took that home.

THE CLERK: I lost my car (indiscernible).

MR. VAN EPPS: We'll figure it out.
MR. HEINEMAN: Thank you, your Honor. EXAMINATION

BY MR. HEINEMAN:
Q. Lieutenant, first let's start with some terms.

Anybody that uses the term
"less-than-lethal" when talking about these bean bag rounds is using an incorrect phrase, correct?
A. It can be, yes.
Q. It's "less-lethal"?
A. Yes.
Q. It's not "less-than-lethal," correct?
A. Yes.
Q. Now, with regard to your reports that have been marked, can we trust that all of the placard numbers that are in your report correlate with those photos?
A. Yes.
Q. And, therefore, if we look at all those photos, we will be able to tell accurately where each of the spent cartridges were and other items that are listed in your report, correct?
A. In relation to the placard, yes.
Q. In relation to the placard, okay.

You mentioned that part of your job is to -- when you go to a scene like this, to examine the firearms and firearm-related items that were involved, correct?
A. Yes.
Q. Somebody told you there was one shotgun involved, right?
A. Yes.
Q. Who?
A. Lexington -- Lexington Police Department.
Q. Who?
A. I don't recall the -- the officer.
Q. You didn't know there were two?
A. I did not.
Q. And you did not take custody of the weapon -- the shotgun, the Remington 870 , that was used, did you?
A. I did not.
Q. You didn't examane that Remington 870 to see how many casings -- how many shells remained in the gun, did you?
A. I did not.
Q. You didn't make note of whether that Remington 870 had any additional ammo clips that could be on it?
A. $\quad \mathrm{N} \circ$.
Q. You made no notes anywhere in any of your reports about anything about these shotguns themselves, did you?
A. No, I did not.
Q. Didn't get the serial numbers?
A. No.
Q. Didn't identify which officer had them?
A. No.
Q. You arrived at the scene at around 3:00 p.m. you said.

And you stayed there for some time, I take it, correct?
A. Yes.
Q. Were you there when District Attorney Marian Ryan gave her press conference?
A. I don't recall.
Q. You don't remember standing right and her in camera?
A. Like $I$ said, $I$ don't recall.
Q. Do you remember District Attorney Ryan announcing what had happened to the press?

MS. GEMMILL: Objection.
THE COURT: What's the relevance of this?

MR. HEINEMAN: I suggest to you that --

THE COURT: I mean, it's not a trial.

So what's the relevance of this for me as the fact finder?

MR. HEINEMAN: Because I think it colors what we're going to hear from other witnesses.

THE COURT: That he was standing with the DA?

MR. HEINEMAN: No.

What the $D A$ said.

THE COURT: Okay. But he's saying he doesn't recall being there; he doesn't recall what the DA said, right?

MR. HEINEMAN: Well, that's fine. I'll
move on.
THE COURT: Okay. BY MR. HEINEMAN:
Q. Regard to the evidence at the scene, $1 t$ was your job to account for all of the evidence at the scene that related to firearms, correct?
A. Yes.
Q. You didn't identify or locate or mark any red caps that came from the shotgun shells, did you?
A. $\quad \mathrm{No}$.
Q. And we know that elght shotgun shells were fired that day, correct?
A. Yes.
Q. So there should be eight red caps somewhere, correct?
A. Well, the one was recovered from the autopsy, so it would be seven.
Q. There should be seven out there somewhere?
A. Yes.
Q. None of them were accounted for?
A. No.
Q. Am I right that good police procedure demands that police officers not move evidence before you get a chance to look at it?
A. Yes.
Q. Am I raght, you never spoke with any of the officers who were involved in the shooting?
A. I did not.
Q. I want to talk a little bit about the bean bag rounds, if we could.

You told us that you are familiar with these sorts of bean bag rounds; is that right? A. Yes.
Q. And, in fact, Exhibit 63 is a -- a picture of the Triton $12-g a u g e ~ s t a b i l i z e d ~ b e a n ~ b a g, ~ r i g h t ? ~$ A. Yes.
Q. That's not a Super-Sock® bean bag is it?
A. I think Super-Sock® is a manufacturer's designation. I don't believe so.
Q. Right.

Are you familiar with the fact that there are different types of bean bag rounds?
A. Yes.
Q. And Super-Sock ${ }^{\circledR}$ is a trademarked -- it's a partıcular type of bean bag round; is it not?
A. It could be, yes.
Q. Are you familiar with the way that each of the different manufacturer type bean bag rounds operate?
A. Not every one, no.
Q. So you don't know the difference between a bean bag round that is drag stabilized versus tail-dragged stabilized?
A. No.
Q. No one ever taught you that?
A. No.
Q. Are you aware that the trademark Super-Sock® round is effective immediately upon exiting the barrel because it is drag stabilized?
A. I don't know that for a fact, no.
Q. In any of your training, in your firearms training, were you ever trained that bean bag rounds had a minimum safe distance from which they can be used?
A. No.
Q. Were you aware that the Triton bean bag, the type of bean bags that you found here, is a tail-dragged stabilized bean bag, which is not supposed to be used within 18 feet of a person?
A. I did not know that.
Q. Did you know when you were conducting your examination that the Lexington Policy and Procedure Manuals say that the officers are not supposed to use bean bag rounds within 15 feet of
a subject?

MS. GEMMILL: Objection.
THE COURT: What's your objection?
MS. GEMMILL: Your Honor, I don't see how the ballistician's testimony about these things is relevant to the Lexington policies and procedures.

THE COURT: How's it relevant, whether he's aware of the Lexington policy?

MR. HEINEMAN: I'm sorry, I didn't hear you.

THE COURT: How is it relevant -- how is his knowledge of the policy relevant?

MR. HEINEMAN: His knowledge of the policy isn't relevant; but the policy itself, I'd suggest is relevant.

And I'm asking him if he's aware of it. And I'm happy to show it to him, if he's not.

THE COURT: Right.
But even if he -- I mean, regardless, let's assume that that's what it says. Let's assume -- because at some point $I$ am going to see what it says, he's already said he's not familiar one way or the other.

So I'm not sure -- and then, again,
cross-examination -- questioning is allowed,
cross-examination technically under our -- the rules of the inquest are not. Not in, at least, this fashion.

It's supposed to be things that may aid me, not that would impeach him.

I already know that he's not familiar wath the particular -- this -- I mean, quote-unquote, Super-Sock®.

But, just for the record, $I^{\prime} m$ looking at Exhibit 62 and Exhibit 63 and each of the discharged shotgun shells are Triton 1212 Ts , which is the round in Exhibit 63. Nothing is identified as a Super-Sock®.

So if there was something else that is trademarked it is a Super-Sock®; there may have been reference to things that were a Super-Sock ${ }^{\circledR}$, but that doesn't seem to be anything other than what people may have talked about as describing it as a Super-Sock®.

And it wasn't used in this case nor in this particular incident, at least according to the evidence that $I$ have.

MR. HEINEMAN: Your Honor, I'd offer into evidence at this time the Lexington Policy --

THE COURT: All right.

MR. HEINEMAN: -- $41 \mathrm{~B}--$ Use of Force Policy.

THE COURT: Any objection?
MR. VAN EPPS: No.
MS. GEMMILL: No.
THE COURT: I am assuming it was coming in any way, so.

MR. HEINEMAN: Yes.
MR. MCDONALD: Can I get a copy?
THE CLERK: Sixty-four, your Honor.
THE COURT: I'm sorry, Carlos, 64?
THE CLERK: Sixty-four, yes.
THE COURT: Thanks.
(Exhibit No. 64, Lexington Police Department Use of Force Policy, received into evidence.)

BY MR. HEINEMAN:
Q. So $I$ just want to make sure -- and $I$ think you said this alreadyr but $I$ want to make sure that we are clear -- that we are all clear.

You don't know the difference between a Triton bean bag round and a Super-Sock® trademarked bean bag round with regard to how they operate?
A. I do not.
Q. All bean bag rounds, to your knowledge, in general operate that when the round exists the barrel, that red cap, or whatever the wadding is, at the front drops away or moves away and allows the contents of the cartridge to be released, correct?
A. Yes.
Q. And if 1 t's a typical shotgun shell as opposed to one of these bean bag shells, there will be some shock that spreads, correct?
A. Or the projectiles, yes.
Q. And if it's a bean bag round, it's the bean bag that comes out of that cartridge and then goes towards its intended target, correct?
A. Yes.
Q. Now, part of your dırect examination you said that you made note of the weapons that were at the scene.

We've already talked about the shotguns. We've talked about the one 9 mm .

Did you examine any of the other officers's weapons?
A. Other than just to make -- make, model, and serial number and the ammunition load, no.
Q. And where in your reports, Exhibits 61 and

62, are those make, model, serial numbers and ammunition counts listed?
A. They are not in my -- in my report. They are in my field notes.
Q. All right. Your field notes.

Are your field notes in addition to your report?
A. Yes.
Q. All right. Do your field notes reference the sources of information?

In other words, when you are making your notes, do you say, that $I$ was told this by so and so?
A. My field -- make, model, and serial number and the officer who -- the officer's name who the weapon belonged to.
Q. Do your field notes make reference to who told you there was only one shotgun?
A. No.

MR. HEINEMAN: That's all I have, Judge. Thank you.

THE COURT: All right.
Can $I$ just ask you a couple questions?
THE WITNESS: Yes, sir.
THE COURT: You indicated that the -- the

Remington 870 less-lethal was stamped "less-lethal."

THE WITNESS: Yes.
THE COURT: Is there anything particular on the furniture of that particular weapon system that would identify it as a less-lethal --

THE WITNESS: Yes, your Honor.

THE COURT: -- system?

Or in particular of the weapons that you identified, was there anything about the furniture on those weapons that would identify it as Iess-lethal?

THE WITNESS: On the shotgun, $1 t^{\prime} s$ actually stamped on -- in letters, "less-lethal."

THE COURT: All right.

THE WITNESS: And it's a different color than a normal.

THE COURT: Okay. Do you recall the color?

THE WITNESS: I don't, your Honor.

THE COURT: Okay. But it's something
other than --
THE WITNESS: It's not -- it wasn't brown - -

THE COURT: $\quad-\quad$ black or brown?

THE WITNESS: -- or black. It wasn't black or brown.

THE COURT: All right. And $I$ don't know that it matters one way or the other, but basically your familiarity with the particular weapon system, is it smoothbored or rifled?

THE WITNESS: It's smooth bore, your Honor.

THE COURT: All right.
And I think we already talked about effective range of the G17 or the Glock 17 , at least as it relates to a flat trajectory or at least leth -- lethal distance.

And, again, $I$ don't know that it makes a difference, just other than my own curiosity, and as far as capacity, but the -- the Triton 1212 T , is that a two-and-three-quarter or a three-inch?

THE WITNESS: I believe it's a
two-and-three-quarter, your Honor. I think it says it right on the fact sheet there.

THE COURT: That's what $I$ was trying to find, and $I$ couldn't find it.

With respect to the Glock firearm, you indicated the manner in which it operates as far as the magazine goes into the handle of the gun,
it's charged, loaded, and that there are no external safeties to the weapon.

THE WITNESS: There's no lever you have to turn on or off to --

THE COURT: So there's no -- there's no safety device, but there is a device on the trigger that keeps it --

THE WITNESS: Yes, it's a trigger safety.
You have to -- so you have to fully engage the tragger for it to discharge.

THE COURT: So the firearm will not discharge unless the trigger is pulled or pressed?

THE WITNESS: Yes, your Honor.
THE COURT: With respect to the less-lethal round or -- that was recorded, the evidence that was recovered from the Medical Examiner's Office, what was recovered was a plastic disk or the wadding --

THE WITNESS: Yes, your Honor.
THE COURT: -- and a bean bag round?
THE WITNESS: Yes, your Honor.
THE COURT: Based on -- and if you can't
answer this question, please tell me.
But, based upon your familiarıty with the
system, the system is not developed or designed to penetrate, correct?

THE WITNESS: Correct, your Honor.

THE COURT: If it was fired from less than the manufacturer's safe distance, could it create a penetrating wound?

THE WITNESS: Yes, it could, your Honor. THE COURT: All right. And the design of the -- of the system, as $I$ think Mr. Heineman was getting at, is that that wadding, when it's fired, it's coming out at however many feet per second but at some point the wadding is blown off of the front of the --

THE WITNESS: Yeah.

THE COURT: -- of the sock?

THE WITNESS: Yeah, aerodynamics take it and it -- it falls --

THE COURT: In a different way?
THE WITNESS: Yes. It kind of falls off.
THE COURT: And if it was recovered from inside of Mr. Reilly's body, then we know that it was at a distance where it didn't have time for it to dislodge from the stock?

THE WITNESS: Yes, your Honor.
THE COURT: All right. And you indicated
that the maxımum distance -- I'm not sure if it's the maximum -- the effective range or the maximum distance -- was it, $I$ think -- was it 25 yards? THE WITNESS: Yes, 25 yards, 75 feet, your Honor.

THE COURT: Seventy-5 feet.
And that's -- is that -- so what happens to the sock after 25 yards?

Is it hitting the ground? Assuming -assuming a level trajectory.

THE WITNESS: Yeah, it -- yes, it most likely was -- it's hitting the ground after that, that's...

THE COURT: All right. So if the -- if the weapon is pointed in a level direction, as opposed to being pointed up in the air where there would be some parabolic trajectory, if it's pointed level, after 25 yards, given the effective gravity on that sock, you would -- you would assume that it would hit terminal velocity or stop or hit the ground?

THE WITNESS: Yes, it would -- its energy would be expended probably at the 75-foot morning.

THE COURT: All right. And if the
manufacturers and/or the Lexington police Use of Force Guidelines say not to use the weapon within -- and we are not -- again, we are talking about the less-lethal Remington 870 -- not to use it within 18 feet, is that because -- if you know, is that because the manufacturer might expect a penetrating wound within that distance?

THE WITNESS: That could be one of the reasons, your Honor, yes.

THE COURT: All right. Okay.
Anything on my questions?
MR. HEINEMAN: No, Your Honor.

MR. MCDONALD: No.
MS. GEMMILL: Just very quickly.
EXAMINATION

BY MS. GEMMILL:
Q. You told us that you couldn't recall the exact color of the less-lethal shotgun.

Do you have a sense of whether or not it's
a bright color or a dull color?
A. It's usually a bright color so people in stress don't grab the wrong weapon system.
Q. Okay. And the little -- the red caps, is that something that you would ordinarily be looking for when you respond to a scene looking
for blastics evidence?
A. Not necessarily.
Q. All right. Is there any kind of forensic testing you can do with those red caps back at your lab?
A. Other than maybe possibly gunshot residue, that's it.
Q. Okay.
A. No microscopic examination.

MS. GEMMILL: Okay. All right. I don't have anything further, thank you.

THE COURT: Thank you.
Thank you, sir.
THE WITNESS: Thank you, your Honor.
(Witness excused.)
MR. VAN EPPS: I was going to try one more time to get the Zoom set up.

THE COURT: All right. And, I mean, I can help out, too, so let's just try and make it -- and this would be for which witness?

MR. VAN EPPS: It's Maddie Lane. She lives in California.

THE COURT: Right.
So were you having trouble logging in to Zoom or...

MR. VAN EPPS: Not logging in, but it seems like the Internet connection out of the building is the hang-p.

So it's - I'll...
THE COURT OFFICER: It's been brutal this week anyways. Not here, just everywhere.
(Audio visual difficulties troubleshooting 11:27 a.m. - 11:34 a.m.)

MR. VAN EPPS: Ms. Lane, do you hear us all right?

THE COURT: You know what you need to do, you need to get on a microphone --

MR. VAN EPPS: Oh, yeah, I forget.
THE COURT: -- because that's the only way lt works with the FTR.

MR. VAN EPPS: Ms. Lane, can you hear us all right?

THE WITNESS: I can. Yeah, can you hear me?

MR. VAN EPPS: Great.

I'll -- I'll let the clerk swear you, and then we'll get started.

THE WITNESS: Okay. Thank you.
THE CLERK: Ma'am, I'm going to ask you to kindly raise your right hand.

Do you solemnly swear or affirm that the testimony you will provide the Court today will be the truth so help you God?

THE WITNESS: Yes.
THE CLERK: Thank you.
MADELYN LANE, SWORN
MR. VAN EPPS: And just -- if you could just keep your voice up so that we can hear you in the courtroom.

THE COURT: Ms. Lane, you can put your arm down.

THE WITNESS: Okay. Yes.
MR. MCDONALD: Okay. Good.

EXAMINATION

BY MR. VAN EPPS:
Q. Could we have your name and could you spell your full name for the record, please?
A. Yeah. My name is Madelyn Lane,
$M-A-D-E-L-Y-N$; last name Lane, $L-A-N-E$.
MR. VAN EPPS: And, Judge, can you hear
her all right?
THE COURT: I can hear her fine.
MR. VAN EPPS: Good. Okay.
BY MR. VAN EPPS:
Q. And, Ms. Lane, I understand you used to live

Lexington but now you live in California; is that right?
A. Correct.
Q. Okay. And back in -- on February 12 th of 2022, what was your address?
A. 6 Victory Garden Way in Lexington, Massachusetts.
Q. Okay. And that, as $I$ understand it, is a house that is right near the -- it abuts Hancock Street and the road to the Diamond Middle School, right, where the rotary is?
A. Correct.

Yes, on the corner.
Q. Okay. Were you home that morning or that -or that day around noontime?
A. I was.

Yes, I was.
Q. And what were you doing at that time?
A. At that time $I$ was in my family room watching basketball with my dad.
Q. Okay. Your dad was home.

Was anybody else in the house as well?
A. Yes.

My mom was home as well. She was upstairs. She was not downstairs with us.
Q. Okay. So the room where you were watching basketball, is that on the first floor or the second floor?
A. It is on the first floor.
Q. And is -- where in the house is that, you know, compared to the front, back, the other rooms?
A. Right.

So this room is at the very back of the house in the corner. So it's in the back right next to the kitchen.

So it has windows for -- in the back facing the backyard; and it's also next to the kitchen, which has a sliding glass door.
Q. Okay. And there's a -- you mention a sliding glass door.

If you were to walk out of that glass door, where does it take you and what can you see from there?
A. Right.

It takes me to a deck which leads into the backyard.

From the deck $I$ can see a few trees, and I can see the Diamond Drive, as well as part of the rotary.
Q. Okay. Now, as you are watching basketball, did something draw your attention away from the TV around, you know, some time a little after noon?
A. Yes.

So while we were watching basketball, we heard something that sounded like some sort of shot and some yelling.

So because we don't get a lot of excess noise in the backyard, it was out of the ordinary, so it drew our attention away from the game into the backyard.
Q. Okay. Can you try to describe the noise you described as shots a second ago?
A. Right.
Q. What did they sound like to you?
A. They sounded slightly more muffled than gunshots. So at the time $I$ didn't believe they were gunshots.

At the time $I$ thought they might have been a TASER.

I'm not confident why $I$-- that was my thought at the time but that was what $I$ believed them to be.

So it was -- and $I$ don't recall how many,
but it was, from what $I$ thought, slightly more muffled than a gunshot but still loud enough to hear over the TV.
Q. Okay. Just -- just one second, Ms. Lane.

So hearing these, what did you do at that point?
A. Got up from my position in the family room. Walked toward the kitchen, opened the glass door, and walked onto the deck so $I$ could see what was going on outside.
Q. And what do you remember about the weather and the lighting --
A. Yeah -- sorry, I didn't mean to cut you off. Q. No, it's all right.

The weather and the lighting as you went out on the deck, ma'am?
A. Yeah, it was a very clear day for february. It was warmer than normal.

There was maybe a little snow on the ground but it was fairly warm and pretty bright.

So not a lot of clouds but $I$ could very clearly see everything in the area because it was so bright.
Q. Okay. Now, the -- where that house is -where your house is, there's -- in the backyard
there's some shrubs off to the left; am I right? A. Correct.
Q. And then if you were to look to the left from your back deck, you'd be looking sort of in the direction of $H a n c o c k$ Street; is that right?
A. Yes.
Q. I didn't hear you.
A. Yes.
Q. Okay. And if you are looking straight back from the deck, you'd essentially be looking into the area where the Diamond School Road baslcally connects to the rotary; ls that right?
A. Yes, that's correct.
Q. okay. And there's some -- at the property line before -- between where your house and your property is and where the Diamond School is, there are -- there's some foliage there, there's some white pines and other evergreen trees; is that right?
A. Yes.
Q. Okay. Are you able to -- from that vantage point on the deck, are you able to make out the layout of the roads and the buildings and things in the rotary and the roads that connect to 1 t?
A. Yes, fairly clearly.

I can also see the outline of buildings. I can see cars. I can see movements, and $I$ can also see people, especially when they walk by.

So I can see people, colors, outlines pretty clearly as well in the distance. Q. Okay. And as you are standing on the -- on your back deck, is there another house that is visible across the Diamond Road that also abuts the rotary?
A. Yes.
Q. And what -- do you know what that house is?
A. It's a house -- I think it might be a Jewísh preschool. I'm not entirely confident.

I think there is a Chabad behind that, but
I only see the house right in front of it.
Q. Okay. All right. So you told us a minute ago that your attention was drawn by some noises; you went to look.

What, $1 f$ anything, were you able to see as you opened the door and stepped onto the deck? A. Yeah.

So $I$ was able to see, again, people -outlines of people, colors. So what I saw -- oh, and a police car as well.

So $I$ was able to see a police car. I was
able to see a few officers -- I want to say four -- as well as an individual in the middle -kind of askew from the center of the rotary in the middle of the road on the ground; and then the other individuals -- police officers -- were standing around him in kind of a circular form. Q. Okay. And a moment ago -- it's a little hard to hear, but $I$ think you mentioned also seeing a police car.
A. I did.
Q. What do you remember the location of that police car?
A. The police car was on the Diamond Drive, and I believe there was also a police car back toward Burlington street.
Q. All right. So --
A. I don't recall exactly $\quad$ n what location the second one was.
Q. And Diamond Drave, is that the -- the road that takes you to the Diamond Middle School?
A. Yeah, sorry, that's what we call it.
Q. I Just want to make sure we are talking about the same thing.

What did you observe about the -- the police officers both in terms of the way they
were dressed and where they were standing? A. Yeah, so they were dressed in pretty dark clothes.

Whether it was black or navy, $I$ couldn't be certain, but they were dressed very similarly to each other.

They were in uniform pretty clearly. And they were also somewhat surrounding the individual not quite as far as the walkways, but they were around him kind of at the edge of the rotary.
Q. Okay. The indivıdual that they were -- you described as sort of surrounding.

What do you remember about that -- that individual?

And what I'm asking you is, you know, apparent genders, skin color, clothing, you know, a physical descrıption if you are able to provide one.
A. Yes. He was a white male.

Because he was on the ground, I wouldn't be able to tell you how tall he was at that time. And he was wearıng a much lighter color, I believe it was a gray, so he was very distinct from the police officers.

So $I$ could very clearly differentiate between the officers and this individual. Q. Okay. And $I^{\prime} m$ trying to visualize where in the rotary you are seeing the officers and the -the $\quad$ ndividual.

Can you try to describe It with more detail?
A. Uh-hum. Right.

So if there -- there is a green circle in the center of the rotary.

Toward the left of that, if you are looking from my backyard in the road, slightly before Burlington Street but slightly after the Diamond drıveway entrance, if that's more clear. Q. All right. So the Diamond driveway entrance is closer to you --
A. Correct.
Q. -- and it's -- it's between that and where the rotary feeds into Burlington street?
A. Yes.
Q. okay. And it is or is not on the actual grass circle in the middle of the rotary?
A. The individual was not. There might have been police officers but $I$ did not see the grass from my -- my view.
Q. All right. So -- so you are looking at something happening in the roadway itself; if you understand you?
A. Correct. Yeah, it was in the street.
Q. Okay. Can you describe the apparent distance between the officers and the individual and the -- how the officers were standing in relatıon to each other?
A. Right.

So the officers were standing further from each other than they were the individual, if I recall correctly.

And they were -- couldn't have been more than a few yards from the indlvidual.

They were keeping -- not too large of a distance but -- and they were close enough that they had circled him with a few officers.

So they were close enough to have him completely circled without a ton of excess room in between the officers, and between the individual.

So what -- it couldn't have been more than a few yards, maybe three, four, but again, I was slightly far away so $I$ can't imagine it was more than a few yards --
Q. Okay.
A. -- based on what $I$ was seeing.
Q. And could you hear whether there were any voices talking?
A. Yes.
Q. Coming from that direction?
A. Yes. There were definitely voices raised.

Yelling. I could not make out what they said.
Q. Could you tell whether it was a single volce or more than one voice that was yelling?
A. I believe it was more than one voice. It was definitely not just one single voice. It was a few.

But $I$ couldn't tell you whether it was two, three, four, but it was more than one. Q. Could you tell whether the -- whether any of voices were coming from the individual or the police or both or not?
A. I had made an assumption that $1 t$ was both. Q. Okay.
A. But whether $I$ could definitively say, probably not.
Q. Okay. Could you see whether or not the police officers were holding anything in their hands or carrying any objects?
A. No. I -- from where $I$ was standing, I couldn't see anything in anybody's hand.

I could see individuals, their movement, and their color and outline, but $I$ could not tell whether anybody was holding anything in their hand.
Q. Okay. And so I have the same question, the individual, were you able to observe whether the individual was holding any objects or carrying any objects?
A. I was not able to see that.
Q. Okay. All right. So you are watching this from the deck. You've heard these noises.

What transpires?
What, if anything, do you observe at that point?
A. Right.

So from here, the individual is in a seated position or some sort of position on the ground.

Whether he is seated or kneeling, I don't recall; but he $1 s$ definitely not laying on the ground.

At this point he does start to run towards Burlington -- Burlington Street road, that
direction, Burlington/Blake.
And at this time there is another shot, the same one $I$ heard that drew me to the scene in the first place, and then he does fall back down again.
Q. Okay. And are you able -- are you still hearing voices at this point and if so, are there any changes in them?
A. I am still hearing voices. I don't recall whether there are changes.
Q. Okay. So you -- the shot that you heard as the individual began to run towards the Blake/Burlington -- you know, where those two streets are off the rotary --
A. Uh-hum.
Q. -- how did that shot sound compared to the one that had drawn your attention when you were watching TV?
A. It was identical. It was the same sound.
Q. Okay. And you had described the individual as not laying down, but seated in some position.

Can you describe with any greater detail, you know, the -- the positıon of the individual's torso or the individual's arms and legs at that point?
A. Right. So prior to him getting up?
Q. I didn't hear you, ma'am.
A. And running towards -- is this prior to getting up and --
Q. Yes.
A. -- and running toward Burlington?
Q. Before the movement.
A. Okay. Right.

I believe he was $1 n$ a knelt positıon.

Again, $I$ was -- I'm confident that he wasn't lying on his back or on his stomach on the ground with his hands and legs out, but $I$ believe it was closer towards like a knelling or seated position.
Q. Okay. All right. When the individual began to run towards the Blake and the Burlington Street/Blake Roads, do you have a sense of how quickly after that you heard the shot?
A. So he was able to take a few steps towards Blake and Burlington before $I$ heard the shot. He -- I definitely saw him on his feet running in that direction.

So he was able to get up and make a little bit of distance. How far he was able to get, I don't recall.

But he -- he was definitely running toward that street.
Q. All right. And as -- so after the individual moved, did the -- did you observe any change in the position of the police officers?
A. I believe they -- as they were in a circle -started to follow him. I don't think $I$ can get more specific than that.
Q. Okay. All right. So then what transpires after that?

There's a shot?
A. Right. So the --
Q. What --
A. -- individual in the --
Q. My question is --
A. Sorry.
Q. -- after you hear the shot, can you see whether or not the position of the individual changes at all?
A. So he goes back into a similar seated position that he had begun in -- (coughing) excuse me.

So he's back on -- whether it's his hands or knees or in a seated position, I don't recall exactly, but again, he's not lying fully on the
ground.
He's in some sort of crouched, seated position. Again, not standing, not fully lying on the ground.
Q. Okay.
A. And there are some extra -- excess movements while he's on the ground.
Q. Okay. And are you -- are you hearing voices still at this point?
A. I am still hearing voices.

Again, couldn't make out what they are or whether they are more or less excessive than they had been at the beginning.
Q. All right. And when the individual goes down after the shot, he descrıbed him only taking a few steps in the direction of Burlington Street. A. Correct.
Q. What -- what do you see transpire at this point?
A. So, at this point, he's still surrounded by officers. And $1 t$ is a few minutes of this, I think.

I couldn't tell you how long exactly, but the officers are still surrounding him. They're all looking at him. So they are not faced away;
they are all looking toward him, those that $I$ can see.

And at this point one of the officers who's facing the individual either takes a step back and slips or trips and falls to the ground.

And at this point, while the officer is falling, the individual in the middle notices this and lunges toward the officer in, like, a forward, upward movement.

And so while he is making this targeted movement toward the police officer, $I$ hear at this point three very quick, distinct gunshots that sound different and distinct from the initial sounds that $I$ heard.
Q. I want to go back and sort of talk about some of the -- the things you described.

You described seeing an officer; you characterize it as a trip or a slip.

There's a number of officers there.

Can you tell which officer it was, first of all, and where was that officer standing, if you are able to describe it for the court?
A. $\mathrm{He}--$ yes.

So he was standing in front of the house across from the Diamond driveway entrance.

So he, I believe, was on the corner near a curb, but he was closer to the Diamond driveway than he was towards the Blake/Burlington Road. Q. Okay. And so you -- you characterize it as a trip or a slip.

Physlcally you are looking at these officers standing there. Physically, what $1 s$ the movement that you see by that officer? You know, how does -- how does the officer's position and posture change?
A. Right.

So it appears as though he's -- he starts standing forward and what $I$ saw was that he fell somewhat backward, it was as if he had taken a step back and tripped on a curb and kind of, like fell, toward, like, a seated position where -yeah, it looked like he had taken a step back or had slipped on something and had fallen, still facing the individual, but fallen behind. Q. Okay. And thinking -- how quickly did that -- that step and that movement occur, based on your, you know, as you are watching him?
A. Fairly quickly.

I -- you know, when I -- I saw -- it was kind of like a fluid motion. It wasn't a step
back and then he caught his balance.
It was he stepped and then he fell pretty, pretty quickly.
Q. Okay. And then you described the individual moving.

Before we get to that, when that officer dropped or fell, how were the officers positioned?

Meaning, how -- how close or far do they appear from each other and from the individual? A. At this point they are probably a similar distance from each other as well as the individual.

So, again, it can't be more than a few yards. I think the distance at this point is pretty similar to the distance that $I$ outlined at the beginning.
Q. Okay. All right. And you -- earlier in your testimony you had described them seemingly surrounding or being in some sort of circle around the individual.

When the officer falls, has that changed in any way or is it -- you know, is their position similar in that way, too?
A. I don't recall the other police officer's
position, but $I$ was more focused on the one who had fallen and then the individual after that.
Q. Okay. And then in your testimony you described the individual moving towards the officer that had fallen.

How -- how much time passed between when the officer fell and when that undividual moved in that direction?
A. Very little tıme. I don't even think the officer had hit the ground.

I think it was a very, very, quick response.

The officer fell and almost immediately the individual made a targeted motion toward him. Q. Okay. When the individual moves $\quad$ n that direction, can you describe his posture, you know, where he starts from compared to where he ends up meaning, you know, laying down, sitting, standing, whatever --
A. Right.
Q. -- whatever you observed.
A. Right.

So he started, again, in, like, a crouched, seated position; and, after the officer
falls, he starts moving toward him. So both toward the officer and up.

So he begins to get up and move toward the officer at the same time.

So he's slightly higher and slightly closer to the officer. So he starts that way and then continues to get closer to the officer. Q. Okay. And so as this happens, what's the next thing that you recall seeing or hearing? A. So pretty immediately all these incidences occurred simultaneously almost, back to back. I heard three gunshots and then very quickly after I saw the individual fall -Q. Okay. The -A. $\quad-\quad$ back down.
Q. The three shots that you heard, how were -- how were they similar to or different from the earlier shots you had heard?
A. They were pretty different. They were louder.

They were a little bıt clearer. I mentioned the earlier shots were slightly muffled. These were clearer.

And $I$ don't recall the quantity of the initial shots but this was very clearly three
distinct shots very quickly.
Q. Okay. Did -- when you heard those shots, how much ground had the individual covered, meaning had he been able to get any closer to any of the officers?
A. He was definitely closer to the officer who had fallen. How much ground exactly he had covered, $I$ can't be sure.
Q. Okay. And then what did you observe happen after that, after the shots?
A. Right.

So after the shots, the individual did
fall down and one of the police officers, I'm not sure which one in relation to the incident, did start to perform CPR.
Q. Could you tell where the -- the three gunshots had come from?
A. No.
Q. Okay. You described it as CPR.

Physically what are you observing in terms of, you know, where the different figures are positioned in relation to each other?
A. Right. I don't recall how many officers went over the individual.

I do recall at least one officer going
over to the individual and this individual is now lying on the ground, and the officer starts to perform CPR from what $I$ can see. Q. Okay.
A. He was standing over the man who was --or, I guess, kneeling over him -- the one who has fallen.
Q. Okay. Did there come a time thereafter where other people appeared to come over to the fallen individual to do anything?
A. Other police officers?

I don't recall at this point what anybody else does.

I do confidently recall an ambulance at some point coming to the scene.

And then, from there, I believe it was a few people put the man on a stretcher and brought him anto the ambulance.
Q. Do you -- do you have a memory or a sense of how quickly there were nonpolice, first responders on scene -- meaning ambulance, fire, things lıke that?
A. Right. It was a few minutes. I -- I don't recall exactly how long, but $I$ would say probably five minutes.

Yeah, I don't recall the exact time frame. Q. Okay. Now, at one point during this -- well, you're watching this from the back deck; is that correct?
A. Yes.
Q. Did there come a point where you actually attempted to go upstairs and see if you could get an elevated view of what was happening?
A. Yeah. So I did at some point try to go into my sister's room, which faces the back; but from there the tree coverage was a little bit more on the top of the trees than it was on the bottom of the trees.

On the bottom you could see pretty clearly.

So I -- $I$ went upstairs very briefly, and then $I$ did come back down. This was much earlier on. I believe in between the first and second noises that $I$ heard.
Q. Okay. And so if $I$ understand what you are testifying, it's well before the final three shots that you heard?
A. Correct.
Q. Okay. The -- now you had testified earlier that your mom and dad were also in the house at
dıfferent points.
Did you become aware of whether or not they seemed to be looking at what was going on in the rotary, in the circle?
A. Yes.

My dad at -- looked at the same time that I initially was viewing what was happening.

So he started at the same time as me, and he was actually able to go out into the tree line and into the fence to look more closely at the scene.

I did stay at the deck and my mom -- and so after $I$ had gone upstairs after the first sound before the second sound, that's when my mom came down with me.

But she also made her way, eventually into the backyard. The two were together. I don't recall at what point they went back there together.
Q. Okay. So if $I$ understand you, so you are watching from the deck. At one point your dad is with you watching from the deck.

At one point he gets closer --
A. Yes.
Q. -- and then he -- and then after that he
comes back to where you are?
A. Yes.
Q. Okay. At some point you took some photographs with your cell phone of what was going on or attempted to; is that correct? A. Correct.
Q. Okay. And do you have a memory of when those were compared to the events you've described?
A. It was later on. I don't recall at what point exactly $I$ took the photos.
Q. Okay. And you --
A. They are timestamped but $I$ don't exactly know at what point during the events the photos were taken.
Q. Okay. So what I'm going to do is -- just so there is a record of it, what I'm going to do is I'm going to approach the camera and just show you the photos -- show you some photos and show you some notes that are on them and just ask you to confirm if those are correct.

THE COURT: Are you going to use the ELMO, or are you going to use the...

MR. VAN EPPS: I'm just golng to walk up to the camera.

THE COURT: All right. So it looks like
your lens cover is on - -
MR. VAN EPPS: Oh, okay.
THE COURT: -- just so you're aware.
MR. VAN EPPS: Okay.
THE CLERK: I know how that works, Judge.
(Laughter.)
BY MR. VAN EPPS:
Q. All right. I'm just going to show you a series of photos.

And the bottom -- in the bottom right corner of these there's some handwritten notes with times.

I wonder if you can just look at these and confirm the information is correct.

So this is -- this is the first photo. And you'll see in the bottom corner there is a notation, 12:52.

Do you see that?
A. Yes. That's my dad in the backyard. 12:52.
Q. The second page of this. It's a similar photograph with a figure standing in the backyard, noted 12:52.

Do you see that?
A. Correct.
Q. Then we have a third page noted 12:56, and
there $1 s$ a fıgure on the back deck.
Who is that?
A. Correct. $12: 56$, yep.
Q. Is that a figure of that mom?
A. Oh, yes. Sorry.
Q. That's all right.

Four pages.

Do you see that? Do you see two figures approaching from the house in the direction of the pine trees in the backyard?
A. You cut out for a second. It is my mom and dad walking at 12:57.
Q. Okay. And then we have an image that's marked 12:59.

It's two figures standing right by the trees looking out in the direction of the rotary; is that right?
A. Yes. $12: 59$, my mom and dad at the tree line.
Q. And then we have a picture you later took to get a picture of the deck.

It looks like it's at, I think, 1:42; is that right?
A. It is 1:42, yes.
Q. And then the last picture in this group of photos, it's marked 2:22.

And it looks like it's looking through blinds or out a window.

Do you see that?
A. Yes.
Q. Do you recall what room this was taken from?
A. This is taken from the family room where we initially were watching basketball and heard the sound.
Q. And this photo looks like it's -- it's 2:22, you could see, it looks like yellow tape and some emergency vehicles with lights on.

Do you see that?
A. Yes.

MR. VAN EPPS: I'd like to mark these as the next exhibit.

THE CLERK: Sixty-five, your Honor.
(Exhibit No. 65, Photographs, received into evidence.)

MR. VAN EPPS: If I could just have a moment, your Honor.

THE COURT: Uh-hum.

MR. VAN EPPS: Ms. Lane, that's all the questions $I$ have for you.

Judge Brennan or Mr. McDonald or Mr. Heineman may have questions, so just wait
there, please.
THE COURT: Mr. Heineman?
MR. MCDONALD: Nothing.
THE COURT: Mr. Heineman -- oops.

Actually, Mr. Heineman you could have stayed there, the microphone is -- it doesn't make any difference which microphone.

MR. HEINEMAN: Ms. Lane, can you hear me?

Can you hear my, Ms. Lane?
THE WITNESS: Yes, I can.
Can you hear me?
MR. HEINEMAN: My name is Mike Heineman, I just have a few follow-up questions.

EXAMINATION

BY MR. HEINEMAN:
Q. I assume you and your mom and your dad talked
a bit -- talked together about what you saw that day after the events, right?
A. Yes.

THE COURT: Her audio just went out.
MR. HEINEMAN: Are you still with us,
Ms. Lane?

THE WITNESS: Yeah, can you hear me?
THE COURT: So $I$ just got a -- I Just got a thing that said - I'm not sure if it's her
bandwidth or ours is low.

THE WITNESS: Can you hear me now?
THE COURT: If you can just try and
really keep your voice up.
THE WITNESS: Yeah.

Can you guys hear me?
THE COURT: Yes.

It's difficult but, yes.

MR. HEINEMAN: Can you hear us, Ms. Lane?

THE COURT: I am going to do this.

I'm - -

THE WITNESS: Is this any better?

THE COURT: I'm going to jump off.
MR. HEINEMAN: Okay.
THE COURT: See if that helps.
MR. HEINEMAN: Are you still with us --
THE WITNESS: I can hear you guys, it's just --

MR. HEINEMAN: There you go.

THE WITNESS: Yeah. Is this any better?
MR. HEINEMAN: Okay, great. Thank you.

BY MR. HEINEMAN:
Q. So, Ms. Lane, after this incident happened, did you and your mom and your dad talk about what you had seen?
A. We did, yes.
Q. And did you also see news reports about what had happened?
A. I did not see a lot of news reports.
Q. All right.
A. I was not $1 n t e r e s t e d$ in keeping up with that.
Q. Okay. So bear with me as $I$ kind of go through what you already told us.

If you get confused by my questions, let me know, $I^{\prime} m$ going to jump around a lıttle bit.
A. Thank you.
Q. If -- if $I$ understand you correctly, when you first heard the sound outside that drew your attention and you went to the back deck and looked, you saw a man on the ground in the rotary area closer to Burlington street and the Diamond Street area surrounded by some police officers, correct?
A. Correct.
Q. He was on the ground at that time, the individual who was not a police officer, correct?
A. Yes.
Q. And then, after you saw him on the ground there for some period of time, you observed him get up and begin to run, correct?
A. Yes.
Q. And he was running in a direction away from the police officers, correct?
A. I don't recall whether there were police officers there. I just recall the direction was Burlington Street.
Q. Okay. So from your vantage point he was running away from you, correct?
A. Correct.
Q. And he took some number of steps, you are not sure exactly how many, and then you heard a second shot, correct?
A. Yes.
Q. And right after you heard that second shot, the man went to the ground for a second time, correct?
A. Yes.
Q. On the second occasion when the man was on the ground, he was further away from you than he was on the first occasion he was on the ground, correct?
A. By a few steps, yes.
Q. All right. And the photos that were produced, those were just produced to the police and the District Attorney's Office last -- last
month, just a couple weeks ago, right?
A. Yes.
Q. No one had ever asked you for those photos beforehand?
A. No.
Q. You had never been interviewed by the police or anybody from the District Attorney's Office from February of 2022 up until January of 2023 , almost a year later, correct?
A. Correct.
Q. When you were interviewed, you told them you had these plctures, correct?
A. Yes.
Q. And the times that go along with the pictures, you got by looking at your cell phone and were relying on the times that are on your cell phone, right?
A. The timestamps, yes.

That's how $I$ could be so precise.
Q. All right. So $\quad$ want to kind of see if we can orient your pictures with the sequence of events, if we could, okay.
A. Okay.
Q. Do you remember that your dad went out towards the fence line to get a closer look at
what was going on and then he returned back to the house near you?
A. Yes.
Q. And at the time the final three shots happened, he was at the house with you, right? A. I -- to be honest, $I$ don't recall where he was at that time.
Q. Okay. Your mom never went out to the fence line during the incident; she only went out to the fence line after the final shots, right?
A. Again, $I^{\prime} m$ sorry. $\quad I$ don't recall at what point exactly it was.
Q. Okay. So you're not -- are you then -- if we are looking at the picture of 12:52 with your dad alone out at the fence line, you can't tell us whether that is before or after the man got up and ran towards Blake?
A. I can't be a hundred percent certain when that was.
Q. Okay. And at the picture that's at 12:56 which has your mom out on the deck, can you tell -- do you remember whether your dad was still outside?
A. When she was on the deck, I don't believe he was outside.
Q. So at 12:56 then --
A. Um.
Q. -- it would be consistent with your memory that we've got a picture of your mom out on the back deck and your dad then would be back in the house or near you around 12:56, correct?
A. Right.
Q. All right. And then the photos at 12:57 show your mom walking out to the fence line followed by your dad, correct?
A. Yes.
Q. All right. I want to break down into the very small piece of time about the last 10 seconds before those final three shots that you've told us about, okay?
A. Uh-hum.
Q. Do you remember in those last 10 seconds seeing any of the police officers move closer to the man on the ground?
A. Prior to the officers falling or after?
Q. Prior.
A. I don't recall.
Q. In the last 10 seconds or so before the final
three gunshots that you remember, did you hear any other of those -- any other of those muffled
shots that you described earlier?
A. I don't recall hearing any of the other muffled shots.
Q. So, as you sit here today, or sit there in California today, your memory is that you heard two muffled shots in total, correct?
A. Correct. Yes.

MR. HEINEMAN: Thank you, Ms. Lane. That's all the questions $I$ have. THE WITNESS: Thank you. THE COURT: Anything on that? MR. VAN EPPS: That's all $I$ have, Judge. Thank you.

THE COURT: Ms. Lane, can $I$ just ask you a couple of questions?

THE WITNESS: Yes.

THE COURT: Just to clarify, the two muffled shots, when did you -- as best you can recall, when did you hear the two muffled shots? THE WITNESS: (No audible response.)

THE COURT: Was it when -- was it when he -- the man on the ground was kind of by the Chabad and the rotary, or was it when he was over at Blake and Burlington?

THE WITNESS: So there were two separate
instances --

THE COURT: Okay.
THE WITNESS: -- of a muffled shot. I don't recall the quantity at each point.

The first one was when he was in between the Diamond driveway and -- or $I$ guess when he was on the ground when $I$ first went over.

The second time was immediately following him running toward Burlington and Blake.

THE COURT: Okay. So you heard a muffled shot and that was what caused you to come outside was that first muffled shot?

THE WITNESS: Yes.

THE COURT: All right. And then the second muffled shot was when the individual came off the ground and ran toward -- from the Diamond -- the Diamond Road or the Diamond Lane, Diamond Road towards Blake and Burlington?

THE WITNESS: Correct.

THE COURT: okay. Anything on that?
MR. VAN EPPS: Nothing else.

THE COURT: Thank you very much.
THE WITNESS: Thank you.
MR. VAN EPPS: Judge -- Ms. Lane.

BY MR. VAN EPPS:
Q. Do you know whether there -- you described -sorry.

You described two -- two of the we'll call them the more muffled shots.

When you are hearing those, are you hearing like a single noise or multiple noises grouped together?

Can you -- can you clarify for us if you -- do you have a memory?
A. Unfortunately, I don't recall.
Q. Okay. And had you heard anything unusual as you are watching the basketball game that seemed unusual but didn't rouse your attention enough to go to the door?
A. No. The first thing that $I$ heard that sounded unusual was the voices yelling and the shots.

MR. VAN EPPS: That's all I have.
Thank you.
THE COURT: All right. Thank you very much.

THE WITNESS: Thank you.
(Witness excused.)
MR. VAN EPPS: Patricia Lane will be the
next witness.

MS. GEMMILL: You are waiting for us? Sorry.

THE CLERK: No. I think she went to get her, right?

MS. GEMMILL: Oh.
MR. VAN EPPS: I believe Ms. Foley went to find her.

THE COURT OFFICER: Come this way, ma'am.
If you could stand here and face the clerk and raise your right hand.

THE CLERK: Do you solemnly swear or affirm that the testimony you will provide the Court today will be the truth so help you God?

THE WITNESS: Yes, I do.

PATRICIA LANE, SWORN
THE COURT OFFICER: Come over here and have a seat.

I'll lower this mic down for you okay.
THE WITNESS: Okay. Thanks.
THE COURT: Go ahead.

EXAMINATION

BY MS. GEMMILL:
Q. Good afternoon, ma'am.
A. Hi .
Q. Can you please tell the Court your first and last name and spell them both for us.
A. Yes.

$$
\text { It's Patricia Lane, } P-A-T-R-I-C-I-A
$$

L-A-N-E.
Q. And, ma'am, where do you currently live?
A. 6 Victory Garden Way, Lexington.
Q. How long have you lived at that address?
A. Ten or 11 years.
Q. Okay. Does anyone else live there with you?
A. Yes.
Q. Who else lives there with you now?
A. My husband, Jim.
Q. Is that Jim Lane?
A. Yes.
Q. Who -- was anybody else living at the home with you in February of 2022?
A. Yes.
Q. Who else lived there with you at that time?
A. My daughter Maddie, Madelyn, and my daughter Carolyn.
Q. Okay. And your daughter, Madelyn, is now working in Calıfornia; is that correct?
A. Yes.
Q. And how about your daughter, Carolyn?
A. She's at college.
Q. All right. Do you currently work?
A. No.
Q. All right. Did you ever have an profession?
A. Yes.
Q. What did you do when you were working?
A. I worked for a sales and marketing arm of an automotive company.
Q. Okay. I'm going to turn your attention now to February 12 th of 2022 .

Were you at home at your home at 6 -- 6 Victory Garden Way in Lexington on that day?
A. Yes.
Q. And were you home around midday?
A. Yes.
Q. Who else was home with you on that particular day?
A. My husband, Jim, and my daughter, Maddie.
Q. Okay. And at some point after twelve o'clock
in the afternoon, do you recall what you were
doing?
A. Yes. I was folding laundry.
Q. Okay.
A. Upstairs in my bedroom.
Q. And describe for us a little bit just the
general layout of the main part of your house. Like, what's on the first floor?
A. The first floor is front entry, then a living room, and an office in the in front of the house with a dining room, kitchen, and famıly room in the back of the house and a staircase sort of in the middle.
Q. Okay. And the staircase goes up to a second floor?
A. Yes.
Q. All right. So at some point afternoon where are you folding laundry?
A. I'm upstairs in the front of the house looking at the house on the right. So above the living room in the front bedroom.
Q. If you are in the front of the house in, like, the front bedroom area, what road are you looking out on to?
A. Victory Garden Way.
Q. If you were downstairs in your kitchen, what view do you have -- like, what road are you looking out at if you look out the kitchen? A. I called it the Diamond driveway.

It's -- it's a road that comes off the rotary on Hancock.

So it's Diamond driveway from the kitchen and then the corner.
Q. Okay. So if you're sitting $1 n$ your kitchen, do you have a view -- like, what does your view out of your kitchen windows look like?
A. So there's a view from the sink that is the backyard to the Diamond draveway, and then there is a view from sort of the eat-in area, which is a sliding glass door and fixed windows out into the yard which goes sort of at an angle to where the rotary is and where the roads meet at the rotary.
Q. All right. Do you have a back deck in your backyard?
A. Yes.
Q. All right. Where is the family room in connection to your kitchen area?
A. So moving from sort of right to left, if you are facing the back of the house, it's the kitchen and then the eating area and then the family room is to the left on the far sides. Q. Is there any kind of door that closes the family room off from the eating area and the kitchen?
A. No.
Q. And you called that the family room, correct?
A. I did.
Q. All right. Is there a $T V$ in that room?
A. Yes.
Q. While you were upstairs folding laundry on the 12 th, do you know what your husband, Jim, was doing?
A. Yes.
Q. Where was he?
A. Watching TV.
Q. All right. Where would that have been?
A. In the family room.
Q. How about Maddie?
A. I think she was in the kitchen or in the family room. She was definıtely downstairs.
Q. Okay. Was your daughter Carolyn home?
A. No.
Q. Okay. So you're upstairs, the rest of the family is downstairs in the kitchen, family room area, as far as you know at that time?
A. Yes.
Q. While you are upstairs folding laundry, does anything unusual catch your attention?
A. I heard yelling. I heard a lot of yelling outside.
Q. Could you tell where the yelling was coming from?
A. Not -- not really at first, no.
Q. All right. And could you tell anything about the voices or the voice or voices that you heard yelling?
A. I could tell it was a lot of men's voices.
Q. Okay. Did it sound like more than one voice to you?
A. Yes.
Q. Could you tell how many voices you were hearing?
A. I would say it would be a guess of three, initially, while $I$ was upstairs.
Q. So, safe to say, more than one voice yelling?
A. Yes.
Q. All right. Now, could you make out any words that were being said when you first heard those yellıng sounds?
A. Not at first.
Q. Did you hear any other unusual noises right at that first part?
A. No.
Q. Okay. So what -- what did you do?

You hear these noises; do you do anything?

Do you go downstairs or anything like that?
A. I continued to fold laundry.
Q. Okay.
A. But $I$ heard my daughter come up the staırs, so I stopped folding laundry to ask her if she knew what was going on.
Q. Okay. And that's Maddie, correct?
A. Yes, it is.
Q. And Maddie comes upstairs. Does she come to find you or where does she go?
A. No. She was going to look out a back window.
Q. All right.
A. She said, I don't know what's going on. And she said, $I$ am going to see if $I$ can see.
Q. What did you do?
A. I followed her.
Q. Okay. So what room do you -- the two of you go into?
A. So we went to my other daughter's room, Carolyn, her room.
Q. All right. Are there windows in Carolyn's room?
A. Yes.
Q. What do those windows look out on to?
A. She has aside window that looks out on to

Hancock and back windows that look out the backyard over that side of the house. Q. Can you see, like, the Hancock area rotary from outside of those windows?
A. Yes.
Q. Did you actually look out the window?
A. Yes.
Q. Could you see anything out of your window that seemed unusual?
A. Yes.
Q. Can you describe for the Court what you saw at that first point when you are looking out that window?
A. It just looked like there were people moving around the street at that point. That's really all I can gather from it.
Q. Okay. So let's parse that out just a little bit.

You see people.
Are these people on foot or on bicycles or something else?
A. On foot.
Q. Okay. About how many people can you see?
A. Again, $I$ think maybe three or four, max.
Q. Can you make anything out about the general
size or gender of those andividuals from there? A. They were male. $I$ knew that. The size $I$ don't know.
Q. Could you tell anything about what they were wearing?
A. I don't think $I$ looked that closely at what they were wearing; $I$ think $I$ understood that some of them were from law enforcement.
Q. Okay. So some of the 1 ndividuals you could see who were on foot outside the window appeared to be law enforcement?
A. Yes.
Q. Did there -- did there appear to be any people who were not law enforcement - -
A. Yes.
Q. -- from that vantage point?
A. One.
Q. And what could you see about that one individual from that point, if anything?
A. You know, not a lot. It was kind of shocking
to just see that there was some -- something going on, and $I$ couldn't really get a good feel for what was happening at that point.
Q. Okay. While you are out that back window, does Maddie look out the window with you?
A. Yes.
Q. And $1 s$ the window closed or open?
A. I think closed.
Q. Could you hear any of those sounds you were hearing before like any of the yelling from that back window?
A. There was yelling. I couldn't be specific about what $I$ heard at that point though.
Q. Okay. So you still can't make out words, correct?
A. I couldn't.
Q. Right?

And can you tell where the yell is coming
from?
A. Everyone.
Q. All right. It appeared that everybody that you could see out the window who was on foot were Yelling?
A. Yes.
Q. Where were those people located $1 n$
relationship to the road?
A. I - I don't know specifically. I can't say.
Q. Did they appear to be on the street or on the grass related to the rotary?
A. No, not on the rotary.
Q. Okay. Not on the grass part or not on the street part?
A. I think they were on the street part.
Q. Okay. Did you notice any vehıcles in the area at that point?
A. I don't recall.
Q. All right. So you can see some things out this window.

How long do you stay at the upstairs window watching?
A. Pretty briefly.
Q. Okay. What did you do then?
A. Went downstairs.
Q. All right. And why did you go downstalrs?
A. Because I thought $I$ could get a better sense of what was going on.
Q. All right. So where do you go once you've gone downstairs?
A. Down to the kitchen, the eat-in area of the kitchen.
Q. Okay. At this point does Maddie come back downstairs with you?
A. Uh-hum. Yes.
Q. Where does Maddie go?
A. Same, I believe.
Q. How about your husband, Jim, did you see where Jim was when you came downstairs?
A. At -- at that point, I'm not -- I'm not at what point he was either in the house or out of the house, but he was there.
Q. Did there come a time when Jim left the house?
A. Yes.
Q. Okay. And at some point does he go into your backyard area?
A. Yes.
Q. All right. So you go downstairs; you are in the kitchen -- you are in the kitchen dining area.

Are you at that back sliding door?
A. Yes.
Q. Okay. What do you do from that position?
A. I just watched what was going on.
Q. Okay. Do you recall whether or not the sliding door was opened or closed?
A. I believe it was open.
Q. And from where you were standing, could you hear anything?
A. Yes.
Q. All right. Were you also able to see anything out through your sliding glass doors? A. Yes.
Q. Can you describe what your -- what the view is?

Like, when you are looking outside of that sliding glass window, what do you see?
A. So it -- it goes deck, and then our yard, and then there is a line of pine trees.

We have a split-rail fence, and then from there you can see the driveway, the road, the rotary through this area.
Q. Okay. And what is the street that goes right in front of your backyard, like, just passed that split rail fence?
A. I refer to it as the Diamond driveway. It's the Diamond Middle School road that goes back to the school. I'm not sure if it has a name other than that.
Q. Okay. And that road connects to the -- the kind of Hancock rotary, correct?
A. Yes.
Q. All right. Can you see Burlington from -Burlington Street from where you are looking? A. You can see the entrance to all the roads that connect around.
Q. Can you see anything about the buildings that are on -- opposite from your house on the other side of the so-called Dıamond driveway?
A. Yes. I can see my backdoor neighbor's driveway and part of their home.

I can see there's another yellow house further over to the left from there.

And from that vantage point, $I$ can see the beginning of the street, Blake, $I$ think it's called.
Q. Okay.
A. And I don't recall the name of the street next to the house that's -- I think is No. 100 Hancock.

So you can sort of see the whole rotary circular area.
Q. How much detail can you see things that are going on in the rotary like through your backyard fence and trees?
A. I mean, you can see a pretty good amount of detail.

If -- if you see people walking or riding bikes or walking dogs, you can get a pretty good sense of what's there.
Q. Okay. So you are able to see some details
and see colors and things like that?
A. Yes.
Q. All right. So you are standing in -- in your dining area; you're looking out the sliding doors.

When you first come back downstairs, what are you hearing?

What can you hear out there?
A. I hear -- I hear people saying, Drop the knife. Drop the knife, Brendan or Brandon.

I can hear, Get down on the ground. I can hear, We want to get you back to your family. We want to get you help.

I can hear someone say, $I^{\prime} m$ gonna $f^{\prime} n$ kill you all.

Just a lot of back-and-forth in that regard between what $I$ am assuming are law enforcement and an individual.

And a lot of, Drop the knife. stay on the ground. Drop the ground. We want to help. Using a name Brendan or Brandon.
Q. Okay. The people you described seeing in the rotary outside or in the street outside of the window upstairs, can you still see those people once you've gone downstairs to watch through your
kitchen slider?
A. Yes.
Q. Okay. Where are the individuals that you assumed were law enforcement positioned when you are hearing these voices yelling, Drop the knife?
A. So $I$ see several what I'm calling law enforcement in kind of a circle around an individual trying to contain, $I$ think, an ındividual. And $I$ can see several of them.

It's not a still circle; it's sort of moving about the street kind of $n$ a direction for me from Hancock toward -- not the rotary but -- toward the rotary but toward Diamond driveway and then toward the other home across the way.
Q. Okay. About how many of those law enforcement people could you see?
A. I don't have an actual memory of how many; but $I$ believe it's about four or five, maybe. Q. Okay. Could you see who they were talking to?
A. Yes.
Q. All right. And who -- can you describe what the other individual on scene looked like?
A. A man who had on, I think, a white $T-s h i r t$
and gray bottoms, $I$ believe, and sort of in the center of this group somewhat agitated and -- and yelling.

They were all yelling back and forth to each other.
Q. Okay. When you first start watching out of the slider, you see several individuals who appear to be law enforcement.

Are they standing, or are they sitting down, or how are -- how are had he arranged? A. They were standing and moving. Q. Okay.
A. They're not standing still. They are all moving.
Q. All right. And where is the man $1 n$ relation to those law enforcement?
A. In -- in the center of where the law enforcement were.
Q. Okay. When you are first watching this man, how is he positioned?
A. When $I$ first get there?
Q. When you first get there, yes.
A. I don't recall when $I$ first got there. I think it -- was registering with me.

I don't recall where he was at that first
moment when I looked.
Q. Okay. And as you are first watching, do you have a sense of whether or not he -- you said that folks were moving around, right?

How were -- how were the law enforcement officers moving?
A. They -- it appeared that they were encircle -- encircling him, building, like, a circle around him; and as he moved, they were moving.
Q. Okay. Could you see whether he was getting up to his feet to move or is he --
A. There was --
Q. -- how was he -- how was he moving?
A. There was some movement on his feet and there was some movement on the ground.
Q. Okay. So you're hearing voices saying, Drop the knife.

Are those -- are those coming -- is it -is it one person saying that or multiple volces you hear saying that?
A. I believe multiple voices.
Q. Okay. And did that appear to be -- could you tell what voices those were, like who those came -- seemed to be coming from?
A. From the people around the perimeter.
Q. Okay. So the law enforcement officers?
A. Yes.
Q. Okay. And you mention someone was yelling, I'm going to f'n kill you all.
A. Yes.
Q. Who was yelling that, if you can tell?
A. The man in the middle.
Q. All right. So the man who's got the white T-shirt, gray pants?
A. Yes.
Q. And is surrounded by law enforcement is yelling those words?
A. Yes.
Q. Could you see at that point whether or not -could you see that man's hands?
A. Yes.
Q. What were his hands doing as you are first watching?
A. He appeared very agitated. So there was just a lot of movement.
Q. Okay. And when you say agitated, can you descrıbe for us like physıcally what -- what movements you were seeing?
A. Moving about and screaming, and he wasn't
calm. He wasn't standing still. There was a lot of action, a lot of -- it was very hectic.
Q. Could you see whether or not he had any kind of object in his hands?
A. Something in his hand.
Q. All right. So you could see something. Could you see what it was?
A. No.
Q. All right. Okay. So you're watching this interaction.

At some point do the officers and this man that you are watching move to a different location at all?
A. Yeah, they were constantly shifting.
Q. Okay. All right. Can you describe for us what happens as you are -- as you are watching?

You are hearing this yellang back and forth.

What happens next?
A. Well, I heard, you know, Drop the knife.

And then $I$ heard some kind of sound that -- what $I$ believed to be some kind of, like, a TASER-type item that was used and the man in the middle sort of fell down, not all the way to the ground, but kind of in, lıke, a crawl-stance.

And then $I$ would hear the officers say, you know, stay on the ground. Drop the knife.

And the person in the middle would get back up again and there was a -- this occurred, you know, maybe once or twice while $I$ was down there.

So, as he was on the ground, he was moving a little bit and then the circle was moving with him.

And then he got back up, and they would say, Get back down and Drop the knife.

And so this was all occurring sort of quickly in this circle rotating.

And then $I$ think there was another round of something that made him fall somewhat, but not all the way to the ground.

And -- and as the circle is shifting, there was someone who was in a positıon to be moving backwards on the outside, you know, one of the law enforcement --
Q. OkaY.
A. -- who appeared to, as he stepped backwards, slip on some kind of ice or something tripped; but lt looked more like a slip, his foot came out from under him and he went down.
Q. All right. So before we get into too many details about that piece of it, you mentioned that there were times that you heard a sound that you thought was maybe some kind of a TASER? A. Yes.
Q. And you think you heard that how many times?
A. I think $I$ heard that twice.
Q. Okay. When you would hear that sound, did it -- was it, like, multiple sounds together or did it sound like one loud noise? How would you describe it?
A. It sounded like multiple sounds together. I think three.
Q. Okay. Could you tell where those sounds were coming from?
A. No.
Q. Could you -- as you are watching the -- as you are watching all these individuals, can you tell whether any of the law enforcement are holding anything?
A. Yes.
Q. Okay. What did you notice about the officers -- what the officers were holding?
A. One officer was holding something that appeared to be a rifle-size weapon, but it
was -- I'm not a firearms person, so $I$ can't say -- but it was, like, a bright orange color. And $I$ think other officers had more like what would be a smaller maybe pistol-size weapon. Q. All right. How many of those, like, longer rifle-type weapons did you see?
A. I saw one.
Q. All right. And you said $1 t$ was a bright orange color?
A. Yes.
Q. When you heard the -- the TASER sound, could you tell where that was coming from?
A. No.
Q. Before the first tame you heard the TASER sound, can you describe what the individual in the white shirt was doing right before that sound happened?
A. Just threatening with, I'm going to f'n kill you, I'm going to kill everyone; and -- and kind of just moving around this group.
Q. Right before the sounds, could you tell whether or not that man was standing up or was he on the ground?
A. I was standing up.
Q. Okay. And you said that you saw -- after you
heard the sound you saw him kind of fall back down?
A. Yes.
Q. Okay. Would he fall all the way down, like, into a lying position or how would he go down?
A. No, he would not fall all the way down into a lying position. He was down on all fours or down on his knees.
Q. Okay.
A. But not all the way down.
Q. Would you -- could you see him trying to move while he was down on the ground?
A. Yeah.
Q. Can you describe what that movement was like? A. It was a little bit, like, crawling but with your bottom down, so like a crawl.
Q. Did he have his hands behind him or in front of him?
A. I think they were behind him.
Q. Okay. And you thought you heard this muffled sound a couple of times?
A. Yes.
Q. So you see the man go down again.

About where is it located about the time that you saw this other officer -- the officer
who appeared to slip and fall?
A. From my view, it appeared to be to the right of in front of the rotary from where $I$ was positioned.
Q. Okay. About -- had he -- had they made any movement away from you from where you were first watching?
A. It was more across not away.
Q. Okay. So I'm going to show you a printout of a Google map here and ask you if can kind of see the area we are talking about in the rotary, okay.

Okay. So I am handing you a Google map, and you can feel free to turn it to orient yourself.
A. Uh-hum.
Q. Correct me if you can see, it's kind of right down here in the bottom right corner you have sort of an edge of -- of your home at Victory Garden; is that correct?
A. Yes.
Q. Okay. And then you can also see Burlington Street going north here and Blake Road connecting off?
A. Yes.
Q. All right. Is this a fair and accurate depiction of an aerial view of the Hancock rotary area just in that spot?
A. Yes.

MS. GEMMILL: Okay. I ask that this be introduced as our next exhibit.

THE CLERK: Sixty-six, your Honor.
THE COURT: Exhibit 66 .
(Exhibit No. 66, Google Maps photograph, received into evidence.)

BY MS. GEMMILL:
Q. And Ms. Lane, I'm going to hand you Exhibıt 66 again.

I am going to give you a marker.
Now, if you could just put a little "X" for us in the -- in the bottom corner, like in the approximate area of your home.

I know it's forgot necessarily in this picture very well?
A. Oh, it's way over here.
Q. Okay. Just put an "X," like, that on the bottom.
A. $\mathrm{Uh}_{\mathrm{h}}$-hum.
Q. Can you -- do you see the general area in the street on this map, Exhibit 66, where you were
first watching the man and the law enforcement officers surrounding him?
A. I think it was a little further down.
Q. You think it's even further, even further down?
A. Yeah. Yeah.
Q. Can you indicate to us on this map with a crrcle the area where you saw the officer fall?
A. Generally.
Q. Generally.
A. (No audible response.)
Q. Around there? Okay. Thank you.

Just so you don't get that on you.
MS. GEMMILL: Just handing Exhibit 66 to
the Court.
BY MS. GEMMILI:
Q. Okay. So the officer who you saw fall, what
is happening -- what $\quad$ s the man doing right before this officer falls?
A. He's on the ground.
Q. Okay. And how is he positioned on the ground?
A. He's on his -- again, sort of hands behind him, legs in front, and he's facing in the direction of that officer.
Q. Okay. Could you see whether that officer was holding anything?

Like, you described a series of possible weapons for us earlier.

You --
A. I'm not sure.
Q. Okay. About how far away was the man in the white shirt from the officer who fell just before the officers -- the officer fell?
A. I think $I t ' s$ around five or six feet.
Q. Okay. All right. So what do you see the officer do?

Like, what precipitates this falling that you saw?
A. Well, as the circle was moving, this officer is in the -- in a position where he's moving backwards.

Some over here are moving forward; he's moving backwards, and his foot goes into -- it looks like lce, and comes out from under him, and he lands with -- just lands down on the ground. Q. Okay. And so you are kind of demonstrating for us a little bit --
A. Yeah, I know.
Q. -- so it looked like his feet kind of went
out from under him --
A. Yes.
Q. -- and he falls backwards?
A. Yes.
Q. Okay. What do you see the man with the white shirt do --
A. He gets --
Q. -- while the officer's falling?
A. He immedately lunges towards the officer.
Q. Okay. Now, you described that he had been down with his hands behind him.
A. Uh-hum.
Q. How does his body change as you are watching?
A. I feel like he just pushes himself up and starts to move in that direction.
Q. Okay. Could you see whether or not he had gotten to his feet?
A. I think he did, yes.
Q. Was he able to make any -- any kind of -well, so let me ask you.

What direction $1 s$ he -- is he headed as he
gets up?
A. At the person who had fallen.
Q. Okay. How fast was this happening?
A. Incredibly fast.
Q. Could you see whether or not the man who's gotten up is closing any of that distance -A. Yes.
Q. -- between himself and the officer?
A. Yes. He was lunging in that direction.
Q. Could you see whether or not he had anything in his hands, the man?
A. I don't know.
Q. All right. So what did you -- what happened next? You are watching this forward motion. The officer's down on the ground.

What happens next?
A. Three more popping sounds.
Q. Those -- those three popping sounds, are they the same kind of sound you heard earlier that you attributed to the TASER, or are they different?
A. They are different.
Q. Can you describe what they sounded lake?
A. They just sounded louder and sharper.
Q. All right. And noticeably -- noticeably different from the sounds you had heard before?
A. Yes.
Q. Could you tell where they were coming from?
A. No.
Q. Did you observe anything happen to the man
with the white shart when you heard those sounds?
A. He fell down.
Q. All right. Could you tell how he fell?

Did he fall to his hands?
Did he fall backwards or...
A. I don't know.
Q. All right. Did you see that man get back up again?
A. No.
Q. Okay. So what happened next, did you keep watching?
A. I did.

The police said, Drop the knife. And approached and then $I$ think immediately started to render first aid.
Q. Okay. So after the man -- after you hear the sounds and the man falls, you continue to hear the officer saying something to him?
A. Yeah. Let go of the knife, that kind of thing.
Q. Could you tell whether that was one person talking or multiple people saying lt?
A. No, I think it was multiple people.
Q. All right. About how quickly after the man fell did they move in to provide -- to provide aid?
A. Very quickly.
Q. Okay.
A. Moments.
Q. Okay. Did you see whether or not there were any emergency services like ambulances and things like that that arrived?
A. Yes.
Q. And about how fast did that happen?
A. I think the ambulance was there prior to that even occurring.
Q. Do you recall seeing the ambulance like staged nearby while --
A. Yes.
Q. -- this was all unfolding?

Okay. Do you know where that ambulance was?
A. I can't recall the name of the road -- is it Hamilton -- the road that comes opposite of the Diamond drıveway across the rotary.
Q. okay. So --
A. Not Burlington.
Q. -- in -- something in -- in the rotary area?
A. Yeah. One of the roads right off of the - I can't recall the --

THE COURT: Is it the road right next to $100 ?$

THE WITNESS: Yes, it is. BY MS. GEMMILL:
Q. Okay. Did you move position at all from where you were originally watching?
A. No.
Q. Okay. So, once you came downstairs to watch from your -- your dining area, is that where you stayed?
A. Yes.
Q. Okay. How about your husband, did you notice when or if he went outside to watch?
A. He did go outside.
Q. Okay. Did you see where he went?
A. He went out toward the fence line of the property.
Q. Okay. Do you know what was golng on when -- when your husband actually went out to the -- all the way to the tree line?
A. I think it was early on when there was a lot of the yelling going on, the back and forth.
Q. And did he stay -- did you observe your husband stay outside to observe this?
A. For part of it.
Q. Okay. Did you ever see him go back inside the house?
A. Yes. He came back inside.
Q. Okay. And about when was that?
A. He was inside when -- when the shots were fired. So he came in prior to -- prior to the time -- the last time the man in the center fell.
Q. Okay. And was with you in the dining area watching?
A. Yes.
Q. All right. How about Maddie?
A. Yes.
Q. She was with you, too?
A. Yes.

MS. GEMMILL: Okay. I don't have any other further questions for you.

The Judge and the others may.
Thank you.
THE WITNESS: Okay.
THE COURT: Mr. McDonald?
MR. MCDONALD: Nothing.
THE COURT: Mr. Heineman?

MR. HEINEMAN: If I could.
If $I$ can indulge the court for the photos that we marked in Ms. Lane's -- no, Ms. Lane's.

Thank you.
May I approach?
THE COURT: Yep.

## EXAMINATION

BY MR. HEINEMAN:
Q. Good afternoon, Ms. Lane.

My name is Michael Heineman, and $I$ just have a few questions for you?
A. Okay.
Q. Those photos that $I^{\prime} v e$ just handed you, which are exhibit, I think, 65, do you recognize those photos?
A. Yes.
Q. And are those photos that your daughter, Maddie, took on the day that we are talking about?
A. Yes.
Q. Do those photos fairly and accurately reflect your view of what you can see from your back screen -- your back porch, as you look out towards the area where this shooting happened?
A. Some do and some do not.
Q. Is it an accurate statement that the back of your road -- the back of your yard, you and your husband over the years have tried to build up
that back area to provide a little bit of a buffer from the traffic going around the rotary in and out of Diamond School?
A. Not over the years. Last year.
Q. Oh, last year. Those photos shows a line of trees there. There are -- there were trees there on the day this happened, right?
A. Yes.
Q. And so when you are making the observations you've told us about, you are looking from your deck across your yard through those trees and into the area where you made these observations, correct?
A. That's correct.
Q. And your husband went out at one point to the backyard, you understood, so he could get a better view of what was going on, right?
A. Perhaps.
Q. And then he came back, and he was with you at the house at the time the final shots were fired, right?
A. That's true.
Q. So those photos -- if you can just flip, there's times on the photos that your daughter was kind of enough to give us.

The photos at 12:56 -- I'm sorry, the photo at 12:57 shows two people walking in your backyard?
A. Uh-hum.
Q. Is that you in the lead and then your husband behind you?
A. It is.
Q. You went out after the shots to see what had happened, right?
A. Yes.
Q. So 12:57, that photo was -- is definitely after the final shots had been fired?
A. I believe so.
Q. And 12:56, the photograph Just before that, is that you on the back porch?
A. Yes.
Q. All right. I've been dreading having to do this because I've got kind of a bum knee; but I Just want to get an understanding of the positioning that the man was on the ground just before the final shots.
A. Uh-hum.
Q. Okay? And I think you told us that he was down sort of this in position?
A. Yeah, sort of.
Q. So sort of on his rear end with his hands to his side or slightly behind?
A. He wasn't stationary.
Q. Okay. So was moving a little bit?
A. Yes. He was up on his feet a little bit, too.
Q. Okay.
A. From that position, sort of in a crawl.
Q. Okay. I want to focus you just on the moments right before the final shots.

MR. VAN EPPS: Before we get to that question, can we just -- Judge, if you want to document it, the position that counsel is assuming?

THE COURT: Just for the record, Mr. Heineman is maybe at a 45-degree angle with --

MR. VAN EPPS: As best you can.
THE COURT: -- his backup; his feet are on the ground; his arms are behind him.

And that's...
MR. VAN EPPS: Knees are bent.
THE COURT: Knees are bent.
MR. HEINEMAN: In a very athletic pose. THE COURT: Yes.

BY MR. HEINEMAN:
Q. Mrs. Lane, in the movements before the shootıng, the final three shots, was the man on the ground in approximately the position 1 am in now?
A. I can't say for sure. I don't -- I think he may have been even up -- a little more up.
Q. A little more up?
A. Yeah.
Q. Okay. So when the officer fell, can you tell us what position the man on the ground was in?
A. He was in -- he was not standing upright.

He was on the ground between fully on the ground and moving towards an upright position.

He was -- he was very agitated and moving, and he was -- could have been on two hands down and one foot up and one foot, you know, ready to -- he was -- he wasn't stationary on the ground. He was moving.
Q. And how many police officers were between you and the man on the ground?
A. Probably one.
Q. Okay. Well, you say "probably," so I have to ask a lıttle more detail.
one?
A. If you mean from where $I$ am to the next -- to the next person to the individual on the ground, then one.
Q. Okay. And the individual, the officer that fell, was he the officer that was between you and the man on the ground, or was he somewhere else?
A. No. He was -- that was not the officer.
Q. Where was he?
A. He was -- if -- if I am here and the one between me and the person, he was on the other side of the circle.

THE COURT: Just so we are clear, to your right?

THE WITNESS: To me right, yes, sir. BY MR. HEINEMAN:
Q. And $I$ want to, again, go back to that last 10 seconds before the final three shots that you heard.

In the final 10 seconds before those three shots, did you hear any of those other sounds, the TASERs, or those things you described before?
A. No.
Q. In the final 10 seconds or so before you saw the officer fall, did you see any officer move
closer to the man on the ground?
A. Not that $I$ recall.
Q. Thank you, Ms. Lane.

Let me get those photos back from you, so
I don't forget.
A. Thank you.

THE COURT: Anything on that?
MS. GEMMILL: Yes, just a little bit your Honor, if $I$ may.

## EXAMINATION

BY MS. GEMMILL:
Q. So just takıng Exhibit 65 again here, $I^{\prime} m$ just going to show you Exhibit 65 .

So is it fair to say as you are looking at the -- the third page here, you know, it looks like there are a lot of trees in the way in this picture; is that fair?
A. Yes.
Q. Is this a clear depiction of how much you can actually see in real life when you are looking through those trees?
A. Not in my view.
Q. okay. And why not?
A. One reason is $I^{\prime} m$ - where $I^{\prime} m$ standing, $I^{\prime} m$ blocking an opening in the tree line.

If you want, $I$ can show you what $I$ mean by that.

So - -

THE COURT: So, just to be clear, her vantage point is not the vantage point of the photograph.

MS. GEMMILL: Right.
THE WITNESS: Yes.

BY MS. GEMMILL:
Q. And that photo that you are looking at on page 3 is from approximately the sliding door inside the kitchen area, correct?
A. I believe so.
Q. Right.

And that's where you were watching a lot of this incident from, correct?
A. Yes.
Q. Okay. So from that vantage point, what it appears you can see through those trees, is that accurate to what you can see through those trees in real lıfe; what you could see that day?
A. I think that photographs glve you an idea, but $I$ think in person it's a -- a different view. It's a little more than you would imagine.
Q. Okay. So the kind of movement and the kind
of color and the kind of detail you could actually see --
A. Yes.
Q. -- is not really captured in that picture; is that fair?
A. Yes.

MS. GEMMILL: All right.
I have nothing further for you.
Thank you.
MR. HEINEMAN: If I could just briefly. EXAMINATION

BY MR. HEINEMAN:
Q. And do you understand, ma'am, that that's because of the way the human mind works, is $1 t$ fills in the blanks that it can't see?

MR. GEMMILL: Objection.
THE COURT: Sustained.
BY MR. MCDONALD:
Q. You could see movement and color through all those trees, correct?
A. Yes.
Q. Never once could you see the man on the ground in his entirety, his whole body all at once, without something blocking part of your view, correct?
A. No, that's not true.
Q. Okay. So there were times you could see the man without any of those needles or trees blocking any portion of his view?
A. Yeah.
Q. And the officer as well that fell, could you see him the entire time without any needles or trees blocking --
A. I saw the officer slip and fall. I saw the whole thing.
Q. I understand that, ma'am.

My question was: could you see the entire officer's body without anything blocking any part of his body?
A. I did.
Q. Okay. Thank you.

THE COURT: Thank you, Ms. Lane.
You are all set.

THE WITNESS: Okay. Thank you.
(Witness excused.)
THE COURT OFFICER: Watch your step.

You are free to go.
THE COURT: Why don't we break until
2:00.
THE COURT OFFICER: All rise.

Court will be $1 n$ a recess until 2:00.
(1:04 p.m. court in recess.)
(2:05 p.m. court resumes.)
THE COURT OFFICER: Court is now in session.

Please be seated.
MR. VAN EPPS: Good afternoon, Judge.
THE COURT: Do we know where Ms. Gemmill is?

THE CLERK: She just stepped out a moment ago.

THE COURT: All right. Who is up next?
MR. VAN EPPS: It's going to be Angela -Angela Schmidt.

THE COURT: Okay.
MR. VAN EPPS: I almost said Angela McDonald.

THE COURT: And, Commonwealth, whenever you are ready.

MR. VAN EPPS: Oh, I didn't realize, your Honor.

THE COURT: That's all right.
MR. VAN EPPS: Angela Schmidt, please, is the next witness.

I'll go out and get her. We don't have
any extra court officers.
So the clerk will swear you and then you can have a seat in the witness chair over there.

THE CLERK: So, ma'am, you can remain standing and raise your right hand.

Do you solemnly swear or affirm that the testimony you will provide the Court today will be the truth so help you God?

THE WITNESS: Yes, I do.
THE CLERK: Thank you.
ANGELA SCHMIDT, SWORN
BY MR. VAN EPPS:
Q. Good afternoon, miss.
A. Hello.
Q. Can we have your full name, please, and can you spell it for our record?
A. Angela Schmidt. $A-N-G-E-L-A \quad S-C-H-M-I-D-T$.
Q. Great. And, miss, what do you do for a living?
A. I am a registered nurse.

I practice -- I am a visiting nurse with Comfort Home Care.
Q. Okay. So you are an RN.

How long have you been an $R N$ for?
A. For approximately five years.
Q. And where did you study to become an RN?
A. I studied at Bunker Hill Community College.

THE COURT: Mr. Van Epps, let me just interrupt.

Ms. Schmidt, can you just pull that microphone toward you a bıt?

THE WITNESS: Sure.
THE COURT: Perfect.

BY MR. VAN EPPS:
Q. Okay. You said five years, I think?
A. Yes. 2018 .
Q. What did you do before that?
A. Before that, $I$ was a general manager with Petco Supplies and a human resource manager.
Q. Okay. And what does Comfort Home Care do?
A. Comfort Home Care provides visit nursing throughout Massachusetts for psychiatric patients and medical patients.
Q. Okay. And is Comfort Home Care typically hired or contracted by other groups that have patients with mental health issues?
A. Yes.
Q. Is there a company named Eliot or an
organization named Eliot that you are familiar with?
A. Yes.
Q. And what is Eliot?
A. Eliot is a -- a health -- mental health function -- I don't know, facility. They help with people are mental health issues or addictions and...
Q. And do you understand Eliot to operate a series of group homes in Massachusetts?
A. Yes.
Q. Okay. Is one of those group homes located at 98 Hancock Street in Lexington?
A. It is a group home but there was no supervision there. There was no inside supervision.
Q. So that was a group home?
A. Yeah.
Q. Okay. And so it sounds like what you are saying is there are groups homes in which it's supervised and there are some groups homes that are not; $1 s$ that right?
A. Absolutely.
Q. In terms of when you say "supervision," does that mean that there's somebody from Eliot or whoever runs the group home living there kind of keeping tabs on the residents there?
A. That is correct.
Q. Okay. The -- the group home run by Eliot at 98 Hancock Street in Lexington, are you familiar with that one?
A. Yes.
Q. You've been there before?
A. Yes, I have.
Q. Over what period of time were you seelng patients at that group home?
A. I was seeing patients for approximately ten months there.

Brendan Reilly was my patient that $I$ saw there but $I$ did not -- his start of care was in January of '21.
Q. Okay.
A. But $I$ did $--I$ was not the original nurse. I think $I$ started with him maybe a few months after that so...
Q. And so how often would you see him?
A. I saw him Monday through Friday daily.
Q. Okay.
A. He was seen twice a day. Another nurse would see him in the p.m.
Q. So you'd see him in the morning?
A. Yes.
Q. And as part of that was your -- was one of your duties to administer whatever prescribed medication he needed?
A. Yes.
Q. Okay. And were you required to make sure that he took it in your presence as opposed to just leaving it with him to take when $--y o u$ know, when he was by himself?
A. Yes. Yes.
Q. Okay. And, through that, did you also become acquainted with him and from time to time have contact with members of Mr. Reilly's family?
A. Yes.
Q. Can you tell us who?
A. His mother, Carol.
Q. Through your visits with -- with Mr. Reilly,

I imagine you had, you know, various conversations with him and became somewhat famıliar with him; is that right?
A. Sure. Yes.
Q. All right. Are you aware of whether there was a reason that you were instructed to make sure that he took his medication in your presence?
A. Yes.

I -- I'm aware that he -- I don't know how to say -- he was ob -- a little obsessive with his medication --
Q. Uh-hum.
A. -- and he wouldn't -- he was in jeopardy of maybe hoarding his medication or not taking it and saving it.
Q. All right. Understanding that you are not an M.D. --
A. Uh-hum.
Q. -- do you have a general understanding, or what was your understanding of what his diagnoses were that required this medication?
A. The diagnosis that we had on chart were unspecified mood affective disorder and opioid dependence, unspecified.
Q. Before coming here today, I understand that you went back and tried to assemble a list of the medications that you were required to administer with Mr. Reilly during your visits.
A. Yes, I did.
Q. I've given a copy to other counsel.

I Just want to show you this one-page
document?
A. Uh-hum.
Q. Please tell me if you can identify what it is?
A. Yes, it's a list of medications.
Q. You made that?
A. Yes, I did.
Q. Okay. And that's based on your reference to whatever notes or records are available to you through Comfort Home Care?
A. That is correct.

MR. VAN EPPS: I would offer this as the next exhibit, Judge.

THE COURT: All right.
THE CLERK: Sixty-seven, your Honor.
(Exhibit No. 67, One-page list of medications, received into evidence.)

MR. VAN EPPS: I am just going to give it to the Court.

THE COURT: Thank you.
BY MR. VAN EPPS:
Q. All right. Did there come a time in -- in or about January 9, 2022 [sic], when you visited the house --
A. Yes.
Q. -- the group home -- to check on Brendan Reilly?
A. Yes. I was due for -- to go there for a visit that morning as well.
Q. Okay. Tell me about what you saw and heard when you first got to the house.
A. I arrived at the home and let myself in. And the safe was on the floor in the living room.
Q. What safe?
A. I mean the dining room, I'm sorry.

THE COURT: I'm sorry, can we just back up.

What date was this?
MR. VAN EPPS: February 9th, Judge.
THE WITNESS: February 9th.
THE COURT: Thank you.
A. The Megasafe for Brendan's medication.
Q. Okay.
A. And it was kept in there so it would be safe.
Q. So you wouldn't have to bring all the medications with you every time?
A. No. Usually $I$ would not bring the medication with me. I did on this day happen to have his medication because $I$ just picked it up at the pharmacy.
Q. Okay.
A. But there was also medication in the safe.
Q. Okay. And what is a Megasafe?

What did that Megasafe look like?
A. I would say it was is that two-by-two or two-foot by two-foot. It was concrete in the back with a metal front.
Q. Uh-hum.
A. Combination lock. It was very heavy, very -it was a lot more secure than the other safes. Q. So you were saying when you went in, $I$ think you said it was in the dining room; is that right?
A. Yeah. It was on the floor in the dinngg room.
Q. And what did you observe about it's condition?
A. It was busted completely, the top of it. The metal was completely dented up and -- and there was fingerprınts with -- $1 t$ looked like blood fingerprints on the corners of the safe on all sides. Yeah, $t$ was very damaged.
Q. Okay. Did it look like it had been opened?
A. It did not look like that -- even though
there was a large fold or a dent, you could not access the stuff inside.
Q. Okay. What other observations did you make
about the house?
Were you able to figure out who was home, if anybody?
A. The -- Brendan was upstairs in his room sleepıng.

I had not gone up there yet. As far as any of his roommates, I did not see. I did not come across anybody else.
Q. Okay. From time to time you would also see another patient at that house, though; is that right?
A. Yes.
Q. Who is that?
A. James Hanify.

He was not my patient but if the nurse that covers him was on vacation or had to not see hım, they asked if $I$ could, you know, prepour his medication for him or something.
Q. Okay. All right. So finding the -- the Megasafe, $I$ think you called it, in this damaged condition, what did you then do?
A. I had called my nurse supervisor and let her know the condition of the safe when $I$ got there and that $I$-- also, I had -- I attempted -- I put gloves on and attempted to open up the safe, and

I was unable to get it to open. I called my nurse supervisor to get some advice on -- on where to go from here because I have medication on me. The safe is not -- I am unable to open the safe.
Q. So you can't put it in the safe?
A. So $\quad$ can't put it in the safe. And...
Q. So after that conversation, what did you decide to do?
A. We decided that we were going to try to get him sectioned or get him some help.
Q. And a "section" is what?
A. A section is to keep -- to bring him to the hospital and -- but without his permission.
Q. Involuntarily?
A. Involuntarily, yes.
Q. And so what -- and then so then what steps did you take to try to make that happen?
A. I went - I went up to Brendan's room and knocked on his door and asked him to come downstairs and discussed with him about what happened the previous evening.
Q. Okay. Did you make any observations about his -- his condıtion, meaning whether he was alert, coherent or -- or -- or any other
observations that you would make based on your training as a nurse?
A. Yeah, he was alert and oriented. He was - his anxiety was increased probably due to the circumstances of, you know -- but originally he denied that he did that to the safe; but then he said, no, I did do it, and I'm sorry. My mom will pay for the safe.
Q. Did you have a discussion with him about whether he would be safe to remain in -- in this unsupervised group home at that point?
A. Yep.
Q. Take your time.
A. I'm sorry.

Yeah, so $I$ had a discussion with Brendan at that point that $I$ would like to try to call somebody and get him some help. Get him someplace safe, like, to an emergency room or something on that $1 d e a$.

And he said, $I$ don't want to go. I didn't have any interest in going but $I$ tried to reiterate with him -- at that point $I$ did notice that we were in the kitchen and that the burner was on on the stove in the kıtchen.

And I'm, like, Brendan, we really -- I
think you really need to just -- I am going to call somebody and try to get you some help and get you somewhere, you know, so you will be safe. Q. And -- and if $I$ understand you, at this point he's -- he's not willing --
A. No.
Q. -- he's not interested in leaving the house? A. No. I did -- I then -- we had the discussion about if he felt like he was going to self-harm. If he felt like he had any thoughts of harming anybody else, any self-harm. He denied any of those characteristics.

And $I$ asked him if he had taken any medication that morning. He did not -- he said he did not take any medication that morning.

The safe did not appear to have been -even though it was busted.

So I administered his a.m. medication and Brendan went back upstairs.
Q. Okay. So then did you call anybody?
A. So then $I$ called the police department and the acute -- the crisis -- intervention crisis center. I'm sorry, $I$ don't have the -- it's ACCS but...
Q. Okay. And what is the ACCS, the crisis
intervention line, what would be the purpose if callıng them?
A. Same, to try to do a section.
Q. Okay.
A. To get Brendan some help.
Q. Okay. Did there come a time when police offucers from Lexington came to the house after you called?
A. Yes.

Three officers came to the house and they came in. I explained to them -- I showed them the safe. It was on the table at this point.

And I explained to them that $I$ can't access his medication into the safe -- I can't put medication in; $I$ can't take any medication out, and that $I$ felt that Brendan might be unsafe because of medication -- not being able to leave medication in the home and that he could, you know, possibly overdose or something on that idea.
Q. Okay. Did you have discussions with them and with the crisis intervention folks on the phone --
A. Yes.
Q. -- about whether a section could be obtained
so that Mr. Reilly could be taken to a hospital against his will, $1 f$ necessary?
A. That's what -- yes.
Q. Okay. So how did that unfold from there?
A. The -- the police tried to help me open the safe. They were unable to open the safe as well.

They went up to Brendan's room and brought him down, also into the kitchen, and tried to get an idea of where he was mentally, you know.

And at the same time $I$ am on the phone with the -- the crisis center trying to get a section from there.
Q. And were they able to obtain a section order to make that happen?
A. No. They -- the outcome was that he was not -- even though $I$ was fearful of future problems with possibly taking drugs or, you know, access to his drugs, they said he was not an immediate danger to himself, so they refused a section.
Q. Okay. Now, following this incident -following your discussions with the -- the folks on the phone and with the officers on scene, how did the -- how did your visit to the house end on the 9th?

What happened after that?
A. Okay. At the same time that this is
happening, $I$ 'm also in talking to my nurse supervisor who emarled Eliot group and let them know that -- about the -- the safe being broken Into and that $I$ had administered the morning medication.

At that point we thought that we were going to be able to get him into a facility. So that it said that, you know, he was going to go to an emergency room and that we would be discharging from service because we were -- were unable to due to safety concerns.
Q. Okay. And normally when somebody's sectioned, that's essentially where they go, they go to the nearest emergency room facility that is qualified to accept somebody with -- with whatever diagnoses they have, I guess?
A. Yes.
Q. Is that correct?
A. Yes, I believe so.
Q. So Comfort Care informs Eliot that Comfort Care $1 s$ no longer going to do the visiting nurse service for Mr. Reilly?
A. Yes.
Q. You have medication for him.

What becomes of that medication?
A. I speak to the Eliot group after I leave the house -- it was about 10:00, 10:20 somewhere on that idea -- and arrange to drop the medicatıon off at the Eliot group.

It was in Concord. It was 86 Parker Street in Concord.
Q. So -- so you leave around ten something in the morning?
A. Right.

But I'm going to drop the medication off after $I$ finish my shift.

So I dropped the medication and signed -you know, we transferred the meds over at about 1:30.
Q. Now, you mentioned this particular 98 Hancock Street house had a Megasafe.

Was that safe always there?
A. No. No.
Q. Are you aware of why that house had a Megasafe?
A. We brought the Megasafe in because we had difficulty -- past difficulty with Brendan and breaking into safes that were a little bit lower,
lake moderate, you know.
Q. To get whatever medication he had?
A. Yes.

MR. VAN EPPS: If I could just have a minute, Judge.

THE COURT: Uh-hum.
BY MR. VAN EPPS:
Q. When you were discussing with Eliot the fact that Comfort Care was no longer going to be the visiting nurse provider --
A. Uh-hum.
Q. -- was that a discussion that you had, or was that relayed to you through somebody at Comfort Care that had talked to Eliot?
A. Yes.

So that was through my nurse supervisor Kristen Griffan (phonetic).
Q. So that is your impression of what she is telling you that the discussion was?
A. The -- she sent me the -- the email that she sent.
Q. Okay. When you're leaving the house that morning --
A. Uh-hum.
Q. -- did you have an understanding of whether
anybody from Eliot was going to follow up to try to either visit the house or have another visiting nurse provider visit the house?
A. Yes, I did.

The person that $I$ spoke to on the phone said that somebody would be going out to the house to check on him.

Also, once $I$ arrived at 1:30 to do the med transfer, they had said that they had already been to the house and that they had taken a walk with Brendan and he seemed okay. He seemed all right.

We discussed, briefly, about how I thought he needed to be in a more supervised home, like, somebody that -- like, a place where somebody was there with continual supervision.

And they -- they just said, Well, you know, we'll figure it out.

MR. VAN EPPS: Judge, can $I$ have the exhibit back?

THE COURT: Uh-hum.
BY MR. VAN EPPS:
Q. I'm going to hand you Exhibit 67, which is the list you made of the different medicines. A. Uh-hum.
Q. So 1 t looks like there's almost a dozen here. Were there particular medicines or medications that Mr. Reilly seemed particularly interested in?
A. Yes.
Q. You described him as --
A. Yes.
Q. -- as eıther anxious or perhaps even hoarding some of the medications or wanting to.

Were there certaln medications that he felt that way about or -- or was it unspecified? A. Mostly the medications were the Abilify and the Wellbutrin SR. --
Q. Okay.
A. -- were his -- were ones that he seemed to perseverate on.
Q. Those were the ones that he was really interested in?
A. Uh-hum. Yes.

MR. VAN EPPS: I don't have any further, Judge.

THE COURT: Mr. McDonald?
MR. MCDONALD: I have a couple of
questions for you.
THE WITNESS: Okay. Sure.

EXAMINATION
BY MR. MCDONALD:
Q. Ms. Schmidt, are you able to -- to state with any degree of medical certainty what would likely happen to Mr. Reilly if he stopped taking the psychiatric medicatıons that he had been on? A. No. No. That is not something that $I$ would state being not a doctor. $I^{\prime} m$ a nurse.
Q. You are not competent to answer that question.
A. Yeah.
Q. How about with respect to taking too much of any of them, can you tell what the consequences could be?
A. Too much of any medication could cause an - an overdose and respir -- you know --
Q. And what?
A. They would stop breathing.

MR. MCDONALD: Thank you, that's all.
THE COURT: Mr. Heineman?
MR. HEINEMAN: Very brıefly.
EXAMINATION

BY MR. HEINEMAN:
Q. Ms. Schmidt --
A. Sure.
Q. -- Carol Reilly was your main point of contact for Brendan?
A. Yes.
Q. And there were times that you would communicate with her about getting Brendan his meds, right?
A. Yes.
Q. And the two of you would exchange text messages on a fairly regular basis?
A. Yes.
Q. Do you remember that the morning of February $9 t h$ it was actually Carol Reilly that sent you a text let you know that Brendan had tried to break into the safe?
A. Yes. I had told them that, yes.
Q. All right. So it wasn't that you came there and discovered it; the Reilly family reported to you that this had happened, and you went there that morning --
A. Yes.
Q. -- and discovered that what they said had happened, had happened?
A. That is correct.
Q. All right. And the reason, based on your understanding when you were there that day,

Brendan was calm and -- calm enough and under control enough that the police and the crisis center didn't think a Section 12 was appropriate even though you thought it was?
A. Yes, he was -- he was anxious, but he was not admitting to any self-harm or...

MR. HEINEMAN: Thank you, very much, Ms. Schmidt.

THE WITNESS: Thank you.

THE COURT: All right. Thank you very much.

THE WITNESS: Thank you. (Witness excused.)

MR. VAN EPPS: Judge, before we get to our next witness, so $I$ would offer just a few reports.

So $I$ have the interview report of Maddie Lane. The report references photographs which are already in evidence.

THE CLERK: Sixty-eight.
(Exhibit No. 68, Photographs, received into evidence.)

MR. VAN EPPS: I would offer the report of the interview of Patty or Patricia Lane.

THE CLERK: Sixty-nine.
(Exhibit No. 69, Report of interview of Patricia Lane, received into evidence.)

MR. VAN EPPS: As well the report of the interview of Angela Schmidt.

THE CLERK: Seventy.
(Exhibit No. 70, Report of interview of Angela Schmidt, received into evidence.)

MR. VAN EPPS: The report of the attempt to interview of Erin Katz from Eliot.

THE CLERK: Seventy-one.
(Exhibit No. 71, Report of the attempt to interview of Erin Katz from Eliot, received into evidence.)

MR. VAN EPPS: A set of records provided by Eliot, along with a certification; and, in particular -- so this has a bunch of notes from Eliot, including a note from the morning of the 12 th that the nurse had not been able to see him, which $I$ highlıghted just for reference.

But the notes go back quite a period of time.

THE COURT: All right.
MR. VAN EPPS: These are all -- the certification from Eliot attached to it.

THE CLERK: Seventy-two.
(Exhibit No. 72, Set of records provided by Eliot along with a certification, received into evidence.)

MR. VAN EPPS: And then there is a report of the interview of Alula $A f e w o r k, A-F-E-W-O-R-K$, who took over Mr. Reilly on behalf of the next visiting nurse association after Comfort care who met...

THE CLERK: Seventy-three.
(Exhibit No. 73, Interview of Alula Afework, received into evidence.)

MR. VAN EPPS: And then, with that; I would call -- actually, while $I$ am at it, $I$ would also -- $I$ know the Court had asked for the full medical examiner file.

THE COURT: Uh-hum.
MR. VAN EPPS: This is the printed file. It's not all the photographs.

THE COURT: All right.
MR. VAN EPPS: I can offer those, if the Court wants them.

THE COURT: And those have -- include the -- I thュnk it's Lahey Clinic records?

MR. VAN EPPS: Yes.

THE COURT: All right.

MR. VAN EPPS: It has the ambulance records as well as the Lahey records.

THE COURT: All right.
MR. VAN EPPS: And I would actually suggest we keep that with the other medical examiner materials which are he exhibits...

THE COURT: Why don't we mark it as 74 and $I$--

MR. VAN EPPS: Okay.
THE COURT: And $I$ know which one it's going to be a reference to.

MR. VAN EPPS: Sure.
THE COURT: Just for clarity.
THE CLERK: Seventy-four.
(Exhibit No. 74, Full Medical Examiner file, received into evidence.)

MR. VAN EPPS: And, again, that's not all
of the autopsy photos --
THE COURT: Right.
MR. VAN EPPS: -- that's just a --
THE COURT: Right, that's just a printout.

MR. VAN EPPS: The next witness is Charles DiChiara.

Mr. Clerk, what's Exhibit 70?

THE CLERK: Seven, zero us --
MR. HEINEMAN: Angela Schmidt.
MR. VAN EPPS: Thank you.
THE CLERK: Thank you, counsel.
All right. Sir, I'm going to ask you to remain standing and raise your right hand.

Do you solemnly swear or affirm that the testimony you will provide the Court today wlll be the truth so help you God?

THE WITNESS: I do.
CHARLES DICHIARA, SWORN

EXAMINATION

BY MR. VAN EPPS:
Q. Good afternoon, sir.
A. Afternoon, sir.
Q. Could you give us your full name and spell it for the benefit of the record, please? A. Yes, sir.

My name is Charles, middle initial M, as in Michael, last name is DiChiara, D as 1 n Delta, I, capital $C-H-I-A-R-A$.
Q. And $I$ understand you are a Waltham police officer; is that right?
A. Yes, sir, correct.
Q. How long have you been employed in that
position for Waltham?
A. I have been with Waltham for about 26 years.
Q. And what is your current assignment or duty with the Waltham Police Department?
A. I am currently assigned as the training officer for the police department.
Q. Waltham Police Department's approximately how many people?
A. We have 160 officers, I believe.
Q. So you are the training officer for the Department.

Are there other training officers?
A. Right now $I$ am the only training officer.
Q. And so what are your -- what are your duties an responsibilities in that role?
A. So I assist with all of the training from the recruit officers, brand-new officers, being hired.

I teach the police academy. I train them throughout the academy and a bunch of different things, and $I$ oversee their field training office -- or when they get on the police department.

And $I$ am also responsible for veteran in-service training, which every police offacer, once they are on the Department, has to get
yearly training, annual training.
And $I$ am responsible for annual training and specialized training throughout the Department.
Q. Okay. So we'll come back to the in-service training in a little bit.

What police academy did you graduate from and when was that?
A. I graduated, I believe, in 1990 from the Topsfield Police Academy.
Q. Now, are you -- do you do some work with an organization known as Safariland?
A. Yes, sir, I do.
Q. What is that organization?
A. Safariland is an International police training group.

It has probably over 50,000 officers worldwide, United States and other countries as well.

So it's an international police training group.
Q. Okay. And what is your connection or affiliation with that organization?
A. I am one of the master instructors for the group, and $I$ 'm on their advisory board, training
advisory board.
Q. What is a "master instructor"?
A. A master instructor trains other end users in the techniques and tactics and it also trains the other -- it also trains other instructors as well.
Q. And what are the topics or the subject matter that Safariland instructors train other pollce officers on?
A. Use of force, ground defense, police baton, handcuffing, OC pepper spray, deescalation are various tactics.
Q. Okay. All right. And you mentioned that Safariland that it has -- it's International in scope.

What -- do you know what countries are involved in that organization?
A. Sure.

We've trained offers from Switzerland, Canada, overseas, Columbia National Polıce, there's a -- there's a bunch of different countries affiliated.
Q. Okay. Do you -- your also, by the way -- you have a position with something called NEMLEC; is that right?
A. Yes, sir, I do.
Q. What is NEMLEC?
A. NEMLEC is, Northeast Massachusetts Law

Enforcement Council; and it's a consortium of, I believe, 64 cities and towns in Northeast Massachusetts, Greater Boston. And it responds to critical incidents within those -- those 64 cities and towns.
Q. Okay. And NEMLEC, correct me if $I$ am wrong, they operate one or more $I$ guess what $I$ would call a SWAT team?
A. That's correct.
Q. Okay. And is that part of your role with them lack?
A. Yes, sir. I've been on the sWAT team. I actually just retıred from the SWAT team about two months ago.
Q. Okay. Now, are -- do you also do any in instructing or teaching with any police academies?
A. Yes, sir, I do.
Q. Tell me which academies and the things that you are involved in in teaching or instructing?
A. I currently teach at various -- there's seven police academies across the state that are
affiliated with the Commonwealth.
Seven main and then ten affiliated ones. So the seven academies, I teach, I teach at the Lowell Police Academy; the Randolph Police Academy; the Lynnfield Police Academy; the Northern Essex Community College Police Academy; Merrimac College; and Fitchburg State College. Q. Now, is there something in Massachusetts called the MPTC?
A. Yes, sir.
Q. What is that?
A. MPT -- MPTC stands for Municipal Police Training Committee.

And it's the government entity that controls police training throughout the state of Massachusetts for the -- I believe 357 police departments.
Q. Okay. And is that essentially an attempt to have some kind of unfform training across the Commonwealth?
A. Yes. Standardization, yes, slr.
Q. And what is your affiliation with the MPTC, if any?
A. I've taught for the MPTC as an instructor for about 25 years, 24 years.

And I am currently the statewide coordinate for defensive tactics and use of force for the state.
Q. Okay. MPTC used to have a different name; is that right?
A. It did.
Q. What was the prior name?
A. I believe it was called Massachusetts Criminal Justıce Training Council.
Q. And $I$ think you mentioned that you were a statewide coordinator for MPTC?
$A=\quad$ Yes, sir, correct.
Q. So what are your duties an responsibilities as a statewide coordinator?
A. To work on the curriculum for recruit officers as well as veteran officers; to oversee training at the police academies.

And there are approximately 300 defensive tactics instructors in Massachusetts, so I oversee the other instructors in their recertification process and training as well. Q. Now, within Massachusetts, officers typically, they go to a polıce academy, then $I$ think you mentioned something earlıer in your testimony called annual in-service?
A. Correct.
Q. What's that?
A. Once a police officer gets out of the police academy, he's required by the state and by post-standards to attend basically 40 hours of veteran in-service traıning.

And the training is yearly, they have to go to maintain certification.

It usually has -- it has some -- it has some classes that are always going to be the same.

So every year they are golng to get some proponent -- some component of legal update, use of force, $C P R$, first responder; and then they'll mix in other classes like officer wellness, or hate crimes, or something to that effect.
Q. Okay. And have you ever testified in any courts concerning use of force or -- or defensive tactics or deescalation methods, things like that?
A. Yes, sir, I have.
Q. In what courts?
A. I've testified in district, superıor, and the United States District Court in Boston.

As far as district courts, mostly
throughout the whole state, probably from Cape Cod out to worcester.

Superior Court I've testified in Worcester and I've testifıed in Boston at United States District Court.
Q. All right. And in terms of your testimony -let me back up.

Are you also, from time to time, consulted by chiefs of police when they are assessing whether there's an Internal Affairs or IA investigation that needs to be done about, you know, use of force on a particular arrest or nncident?
A. Yes, sir, I am.
Q. Okay. And were you asked to testify here today basically about the -- the -- your understanding about the training officers are given about certain weapons, certain less-lethal weapons, certain defensive tactics and the use of force generally?
A. Yes. Correct.
Q. Okay. Have you been asked to review the whole file and -- and offer opinions based on all the reports that were generated in the case?
A. No, sir, I have not.
Q. I'd like to talk to you now about how MPTC trains officers in evaluating what level of force to use in a particular situation.

I take it you have some background with that?
A. Yes, sir, I do.
Q. Okay. So what are sort of the overarching principle or legal principle that the MPTC teaches the officers in -- in these various trainings?
A. We teach officers that it's a series of standards and guidelines that make up use of force training.

And we usually give them -- it opens with an eight-hour class on use of force.

And we talk about the law, and we talk about standards and teaching tools to teach an officer to use a reasonable and appropriate amount of force.
Q. Okay. And is there a case that forms sort of the core of that called Graham v. Connor?
A. Yes. Correct.
Q. And from that, how is that -- how are the lessons of that case taught to the officers? A. Most of the policies and lessens come from
that case. And we teach -- we teach an officer that their use of force must always be objectively reasonable based on the totality of the circumstances confronting the officer at the time.
Q. Okay. All right. And has MPTC developed, over time, something called the totality triangle?
A. Yes, sir.
Q. And what is the totality triangle?
A. The totality triangle, it's a visual learning tool to help the officers determine what a -what an effective use of force would be. What would be reasonable and proportionate as well.

So we use that totality triangle -- it has three sides of it.

And we teach the officer to analyze -- use that triangle to analyze their risk as well as what the subject is doing to help them make a better decision on what level of force they should use.
Q. So a triangle has three corners; so I take it there's three general areas that officers are taught to think about at least using this totality triangle?
A. Yes. Correct.
Q. Okay. I'm going to show you a document and ask you if you recognize it?
A. Yes, sir, I do.
Q. What is it?
A. This is the MPTC Use of Force Reference Guide with the totality triangle at the top of it.
Q. Okay. And there is also something below the totality triangle. It's a multi-color -- it looks almost like a -- a staircase.

What is that thing?
A. That would be the MPTC use-of-force model or use of force continuum.

MR. VAN EPPS: Okay. Let me offer this as the next exhibit for demonstrative purposes.

THE CLERK: Seventy-five.
THE COURT: Exhibit 75.
(Exhibit No. 75, Totality triangle,
received into evidence.)
THE COURT: Exhibit 75.
MR. VAN EPPS: I'm just going to hand
this back to the --
THE COURT: Uh-hum.
MR. VAN EPPS: -- the witness.
THE WITNESS: Thank you.

BY MR. VAN EPPS:
Q. So you have this totality triangle with three sort of general areas to focus on.

But there's also this use-of-force model that's on the first page of that exhibit.

How do the two interplay, if -- $f f$ they
do?
A. They -- they actually -- it's just two different ways of looking at it.

So the first -- if you take that totality triangle with the three sides and you drop it down into the use-of-force model; it also has - it also has three areas as well.

What the use-of-force model ls actually five levels within those -- within those three parts of the triangle but it is essentially-- it is essentially the same thing just different ways of explaining it.
Q. Okay. And, so conceptualizing it, is it essentially five levels in three areas to think about?
A. Correct.
Q. So using the exhibit you are holding, can you -- can you tell us with the -- the first of the three corners of the totality triangle is?
A. So the first at the top, that's perceived circumstances. And we teach an officer to first analyze risk.

So the first thing they should be thinking of, is their risk assessment of the call that they are on.

And that perceived circumstances is where all the factors come into play. So perceived circumstances deals with risk.
Q. So a call for a bank robbery is going to be a different perception than a call for, you know, to back up a motor vehicle stop?
A. Correct, sir.
Q. Okay. All right. What's the second point on the triangle?
A. The second part is perceived subject's
actions. Which is those are the actions by the subject or suspect that the police officer perceives based on his training and experience is -- is how he's acting.
Q. Okay.
A. And his level of resistance.
Q. Okay. And then the third?
A. The third part is the officer's -- a reasonable officer's response.

And the way it works is if an officer has a good understanding and analysis of the risk coupled with what the subject is doing, that will help him make a better decision on what level of force he should utilize.
Q. Okay. So each of these three areas, if I understand your testimony, the training is that they -- the officers should -- should think about them in terms of levels; is that right?
A. Correct, sir.
Q. Okay. With respect to perceived
circumstances -- or $I$ think we can call it risk assessment -- what are the five levels?

And -- and as you explain it, can you try to differentiate them $1 n$ some way?
A. So it starts off with the least intensive.

So strategic, strategic down the bottom, that just means that's baseline perception of occupationally accepted risk.

What it means is -- it's a kind of the minimum.

When an office comes into work, he should be situationally aware that he has a vest on. Being a police officer is a dangerous job.

So the first -- the first level or two
really deals with mindset.
So strateglc means an officer comes in, there is a fair level of risk of being a police officer and he should have -- he should have situational awareness and be professional.
Q. Okay. As that increases to the next level, whlch $I$ think is labeled tactical, how does that change?
A. Tactical changes when we have an increase in risk.

So if an officer is going to stop a motor vehicle or go on a call or even get out just to talk to a subject in a high-crime area, as a risk goes up, we switch into tactical gear, a tactical mindset.

And what that means $u s$, we are recognizing there is an increase in risk and safety strategies are deployed, such as calling for backup or waiting or approaching from a different side.
Q. And the next level is what?
A. Volatile.

We explain it like -- like think of it like chemical. So a volatile situation is the officer is recognizing that the call that they're
on and the arena that they are operating in has a potential to escalate.

It could deescalate, but it's got the potential to escalate in scope and intensity. Q. And what about when you get to the next level, harmful?
A. Harmful means we've passed the point of it could possibly go bad and now it's gone bad. So now the -- the direct focus is on self-defense because now we have a situation that could be causing harm to an officer or innocent people.
Q. And what is the fifth level under perceived circumstances.
A. Finally, lethal is the least encountered but the most serious within the fave levels.

And that means that the officer is -- is operating in an environment that somebody could be seriously injured or killed; an officer or innocent people as well.

MR. VAN EPPS: Okay. If $I$ can just have a second.

MS. GEMMILL: Sixty-four.
BY MR. VAN EPPS:
Q. What you are looking at, by the way, the
first page of what you are looking at also appears here at -- towards the back of Exhibit 64.

Do you see that?
A. Correct. Yes, sir.
Q. I'm just going to hand that to the Court so the Court has something to look at.

So there are also -- on the triangle there
is also the subject actions corner, we'll call it, and there's five levels that correspond to that; is that right?
A. Yes. Correct.
Q. So explain to me what those are, please.
A. The first level at the bottom is a compliant, a compliant individual. And that's a person that's doing what's required; dolng what's asked of him. And they are complying with the officer's commands and demands.
Q. So would an example of that just be like, you know, a person's about to be arrested, they are ordered to put their hands behind their back and they do it?
A. Correct.
Q. Okay. The next level $I$ see is passive noncompliant. Tell me about that.
A. Passive resistant is the next level up and it's in scope and intensity.

And a passive-resistant individual is a person that is not compliant but it's a low level of resistance.

Their noncompliance is -- is not met with any -- any physical resistance.

It's either verbal in nature, they're refusing to go, or sometimes they just become dead weight and refuse to go anywhere.
Q. Okay. And what about the next level? A. Active-resistant is now the scope and intensity's increased, their verbal -- their verbal -- their verbal defiance is now met with actual energy-based physical resistance.

So now they're tensing up, pulling away, tryıng to run away. So it's -- it's noncompliance met with physical resistance. Q. Okay. And then you have on that, I belleve the next level is listed as assaultıve; is that right?
A. Yes, sir.
Q. Tell me about that.
A. Assaultive means that the person that they are dealing with, their actions are a assaultıve,
violent, and combative in nature.
That means an assault is taking place or is about to take place.
Q. Okay. And there is another level of assaultıve.

What is that?
A. The next level up and the final level is assaultive or serious bodily harm or death.

So a serious bodily injury refers to permanent disfigurement, protracted loss or mppairment of a limb, function -- a bodily function or organ or substantial risk of death. Q. Okay. And does the -- does the presence of a weapon or a dangerous instrument, how does that factor into the subject's actions?
A. That goes with the risk assessment. But now if a subject's actions have -- have gone to the point where they are assaultive and violent and they have proximity of weapons, it changes -- it would change -- it would put the person in a higher category because they have the potential to cause imminent harm to the officer or others. Q. Okay. And then you also have on the triangle there's something called officer responses?
A. Yes, sir.
Q. And so what are the five levels that are trained on as -- as options for the officer to think about?
A. Same thing.

Starting at the bottom, so if we are dealing with a compliant person, we would be looking at cooperative control.

So the first level is cooperative controls which refers to professionalısm, verbal skills, and command presence.
Q. And what's -- if those are insufficient, what is the next level?
A. For a passive-resistant individual, we teach contact controls. That's the ONCATC, contact controls. And what that means is light-touch tactics. It's a lower level of resistance. So 1t's a lower level of force.

So contact controls refers to push, shove, guide, drag, escort; basically light hands-on techniques.
Q. Okay. And what's the next level?
A. The next step is for an active-resistant individual. We teach officers to get the person to stop their resistance and comply.

So we use compliance techniques. So
compliance techniques, they refer to pain compliance techniques and there is a -- there is a -- there is a lot of different options; but to give you example, it would be pepper spray, conjoint manipulations, takedowns.
Q. What's a -- what's a "takedown"?
A. A "takedown" would be basically putting somebody on the ground, either where they are tackling the person to the ground or pulling them down with a wrist or -- or an arm bar takedown to the ground to control and restrain.

And also the TASER at the drive stun
level.
Q. What's the drive stun on the TASER?
A. There's two ways of getting hit with a taster, the first way is a drive stun, which causes less trauma, less injury, and that is just -- it would be easy to explain like a touch stun. So you are basically take a stun gun, an electrical weapon, and you are touching the person so the pain is more localized in that area.
Q. And then the next level beyond that?
A. The next level -- level up is defensive tactics, and those are tactics that are referred
to -- think of impact.
So defensive tactics, our goal is to get that person to stop their violent behavior immediately and gain and maintain immediate conclusive control.

So we use personal weapons or intermediate weapons. You put --
Q. So what -- what are the personal weapons? A. Sorry.

Personal weapons would be punches, kicks, palm heel strikes, elbow strikes, knee strikes; basically weapons of the body.
Q. Okay. And then you -- you started to talk about intermediate weapons.

What are those?
A. Yes, sir. Intermediate weapons would be your baton, department-ıssued baton, or the TASER, firing of two probes which is more impact. Q. Just so we are clear, why is the TASER with two probes, why -- why is that considered an intermediate weapon as opposed to just the touch version of the TASER, which is taught as being useful in the lower category?
A. The shooting two TASER prongs at somebody is a high level of force because it can cause more
trauma and injury.
So we are -- we are only able to use it when the person is violent and combative.

So when you -- when you fire the probes from the electrical weapon versus a touch stun, you are firing basically two No. 8 fishhooks at the person that stick into the skin and then it causes -- it causes pain, but it also causes neuromuscular incapacitation, and then sometimes people suffer from fall.

So it's considered a higher level of force because of a high level of rlsk.
Q. Okay. And then the next level after that? A. The next level up is considered deadly force. And deadly force is not really to a specific -it could be a firearm. It could be a tool of immediate means. It could be a flashlight if the situatıon dictates.

So deadly force is at the highest level. Q. Okay. And you're aware in the last couple of years that the state has outlawed some things that could be tools used to -- that lead to deadly force?
A. Yes. Correct.
Q. For example, the chokehold?
A. Correct. Chokeholds are banned. Q. But where is a police officer's baton, whether it's, you know, the old-fashioned, you know, nightstick or an extendable metal baton, where do those fall in the -- in the five categories of available options for force? A. A police baton falls in a -- at Level 4 or as a defensive tactic.

So a police baton is considered an impact weapon, an intermediate impact weapon. Q. Okay. In terms of when dealing with various situations, are there weapons that allow the officer to replicate the impact of a baton but at a distance?
A. Yes. Correct.
Q. What are those?
A. We teach what we call less-lethal impact munitions, which is basically, like you said, ıt's an -- it's an extended-range impact similar to a police baton.

But we use $12-g a u g e$ bean bag shotguns to deliver impact, and we use 40 mm -- 40 mm weapons as well to deliver impact.
Q. Okay. So we'll come back to those in a second.

In dealing with a situation, for example -- withdrawn.

So $I$ want to talk about firearms training a little bit.

Are you familiar with that?
A. Yes, sir.
Q. Okay. If an officer has gotten to a place where he $1 s$-- he is resorting to deadly force because of the situation, is there training about how to use the firearm to -- to inflict deadly force?
A. Yes; sir.
Q. Is there training specifically about how many times a firearm should be used?
A. We teach officers that in a deadly force confrontatıon that they are shooting to stop a threat. So stop an imminent threat, if somebody's life is in peril.

So under immediate defense of life, we teach to stop the threat. We don't teach shoot to kill. We shoot to stop the threat.

We don't shoot -- we don't teach to count their rounds as they are firing but they are assessing and reassessing as they are shooting.

So we teach an officer to stop the
person's behavior.

And whatever action made them pull the trigger when this action stops, they should cease with their use of force.

So they're assessing and reassessing as the event is ongoing.
Q. All right. So if $I$ understand what you are saying, they are not firing a shot, pausing; firing, pausing?

They are firing a certain amount and then looking for whether or not, whatever they perceived as the threat is still their upon them? A. Yes, they are shooting to stop the threat.

So they are assessing did they hit the -did they hit the subject and did that subject stop his violent behavior.
Q. Okay. How are the officers trained in terms of where to aim the firearm when they are going to use 1 t?
A. They are trained to shoot at center mass, which refers to center of available target.
Q. And why is that?
A. Well, we are responsible for -- we are responsible for every round that we fire.
so we teach center mass first and foremost
for accuracy so that they can hit the target that they are shooting at to stop that violent behavior.

So it's important that they -- they hit the target, so we teach center mass for accuracy.

Also, because we are responsible for every round that we -- if we miss our target than those bullets are going other places.

So we try to teach center mass for accuracy to stop the threat and for -- and for the protection of the public as well.
$Q=$ Okay. Are officers trained as to whether or not they should fire warning shots, for example?
A. We don't teach warning shots, no, sir.
Q. Why is that?
A. They just -- years ago they taught them and there's just -- there's really no reason for them, and we feel they are unsafe, so we don't shoot warning shots.
Q. Okay. And you talk about targeting center mass.

Why center -- I mean you talked a little bit about why; but is there a reason that officers are now trained to, for example, shoot somebody in the leg or the arm?
A. To shoot somebody -- we don't teach shooting in the arm or the legs because, one, it's a harder target to hit.

And two, the femoral artery runs through the leg, so we -- it doesn't -- wherever you hit that target, you really don't know what -- what damage a bullet is going to cause.

So the first reason we teach it is for accuracy but the second reason is is we just don't know what's going to happen when the bullet impacts.

There's been -- there's been multiple shootings where you hit somebody in the chest and they survive; or they get hit in the leg, and they hit femoral artery, and the person bleeds out.

So we don't teach -- we just teach to hit the center mass and stop the threat. Q. I want to come back now to less-lethal. You talked about the bean bag. You also talked about 40 mm .

Is that a launcher?
A. Yes, sir.
Q. Okay. The bean bag, how is that typically deployed?

How -- how do you -- how does an officer actually use that?
A. The bean bag is loaded up into a 12-gauge shotgun, and it's deployed utilizing that 12-gauge shotgun.
Q. Okay. Is anything done to differentiate that shotgun from any other shotgun that might be used to fire conventional, you know, shotgun shells? A. Yes.

They try to make it -- most police departments either use red type or an orange stock to make the difference between an actual firearm and less-lethal option so there is no mistake and error or an officer might view -might misunderstand the scenario.

So we always dictate less-lethal shotguns with orange or red.
Q. Okay. Now, do you have familiarity with these -- the bean bag gun and/or the launcher, the 40 mm launcher?
A. Yes, sir, I do.
Q. How -- what's the basis of that familiarity?
A. I've taught them with our firearms program, and I've used them on SWAT calls multiple times. Q. Specifically do you use the 12-gauge bean bag
system?
A. I have.
Q. Okay. And $I$ think you mentioned earlier, those are sometimes called impact munitions; is that rught?
A. Exactly. Correct.
Q. Okay. Now, the bean bag physically what - what is coming out of the shotgun?

What does it look like?
What is it made of?
A. It is basically a small Kevlar cloth bag filled with 40 grams of, $I$ believe, No. 9 lead shell.

Which baslcally it's -- it's a cloth bag with BBs in it, essentially.
Q. Okay. And it's fired from a 12-gauge shotgun?
A. Yes, sir.
Q. Is there -- is it a standard shotgun shell, or is there something different about that shotgun shell vs. a conventional shotgun shell?
A. Yes, it's basically a clear shell with no -there's no -- there's no slug or munition in there.

Basically the only thing that comes out is
the -- the bean bag round.
Q. Is it the same amount of gunpowder that goes into a conventional shotgun shell versus a bean bag round?
A. No, sir, $I$ don't believe so.
Q. How are they different?
A. I'm not sure. I just know -- I just know it's a different round.
Q. Okay. Is the -- is the amount of gunpowder that goes into the bean bag round, is that more than what you'd use for a hunting round, or is it less?
A. It would be less.
(Inaudible discussion.)
THE COURT: Sixty-three. Sixty-three.
BY MR. VAN EPPS:
Q. I am going to show you Exhibit 63, the

12-gauge stabılized Triton bean bag.
Do you recognize that?
A. Sir, I do.
Q. Are you familiar with it?
A. A little bit, yes, sir.
Q. Okay. Does that appear to be one of the standard options for using a bean bag
less-lethal --
A. Yes.
Q. -- shotgun system?
A. Yes. Correct.
Q. Okay. And on Exhibit 63, do you see the velocity and the effective range information?
A. Yes, I do.
Q. What is that?
A. For this round it's 275 feet per second.
Q. Okay. Is that more or less than a typical lıke a pistol round?
A. Less.
Q. Okay. And what about the effective range; I believe it's called?
A. Effective range, 75 feet.
Q. I'll take that back.

Now, I want to show you this other piece of paper.

Do you recognize that?
A. Yes, sir, I do.
Q. What's that?
A. This is just another -- another variation of a 12-gauge bean bag round.

That one that you first showed me was an ALS round. This is CTS. They are just different companies, different -- different models.
Q. And the one that you are holding in your hand, the CTS one, $u t ' s$ the -- the tradename for it, $I$ believe is Super-Sock®; is that right? A. Correct.
Q. Okay. And you understand this to just be the -- the product specification form, basically the same version as -- as for this, as Exhibit 63?
A. Yes, they are all -- all very similar.

MR. VAN EPPS: I offer this as the next exhibit.

THE CLERK; Seventy-six; your Honor.
THE COURT: All right.
(Exhıbıt No. 76, Product specification
form, received into evidence.)
BY MR. VAN EPPS:
Q. Do you see that Exhibit 76 -- what's the effective range for the -- for the Super-Sock® round?
A. It looks like 75 feet as well.
Q. Okay. And you see that the projectile weight, it lists about 40 grams?
A. Yes, sir, correct.
Q. And the velocity is what?
A. On this one it says 280 feet per second.
Q. So not that -- not that dissimilar in weight and velocity from the other one?
A. Correct.
Q. Now, with respect to the bean bag gun, is there a difference in what officers are trained to aim at when they are -- when they are going to fire that gun to inflict force from a distance? A. Yes, there is.
Q. How is it different?

How is it different than what they are trained to aim at when they are going to use their pistol, for example?
A. So with the firearm, we're going to teach center mass, again, for accuracy.

But with the less-lethal rounds, it's similar to what we would teach with a baton strike.

So we would teach baton strikes primarily because of that impact. We would teach it to the arms or the legs or the pelvic girdle, so whereas the impact is the same, we try to impact arms, legs, pelvic girdle with the less-lethal as well versus center mass.
Q. And why is there a difference?
A. Well, if you -- you don't have that much
behind -- there's not as much -- with a less-lethal round, accuracy is important but you are not really putting the public at risk is -is the same as $1 f$ you fire a weapon downrange.

It's a bean bag, it's not -- it's only golng to go so far of a distance and it's not going to cause serious injury.

So we can afford to try it hit people in the arms and the legs of the pelvic girdle instead.
Q. And is that also partially because you are trying to inflict blunt force trauma and pain to stop a threat as opposed to resorting to deadly force?
A. Yes.

It's -- it's force mitigation. We are trying -- we are trying to hit them in their arm or their leg or their hips to stop his violent behavior without having to utilize deadly force. Q. Okay. Now, you have some experience using this less-lethal weapons; is that right? A. Yes, sir, I do.
Q. Okay. And are there distances at whach it is generally considered too close to be using those, those less-lethal weapons, meaning the bean bag?
A. So across the country there is no minimum standard.

We try -- in Massachusetts we've always taught try to use 10 to 15 feet as a minimum stand-off distance.
Q. Okay. What can happen in your experience if a bean bag gun is used at a range closer than that?
A. If you use it -- if you use it too close it can possibly cause penetrating-type injuries.

That can happen at any distance, but we found it's more safe to have a little bit of a stand-off distance, so that's why we -- we put it out a little further than the national standard.

The national standard is 5 feet. In Massachusetts we go 10 to 15 feet.
Q. And is there training given to officers about -- if the officer is in a situatıon in which the perceived risk involve deadly force, whether the officer should go into that with, for example a baton or what you called intermediate weapon?
A. So if we have is a situation that presents itself that -- of a high-risk situation and we are going to utilize less-lethal force options
like a -- a bean bag shotgun or a TASER, we're always going to have a contact option and a lethal to cover the officer as well.

So we're gonna -- we always try to have a less-lethal option and a lethal option as well. Q. And what is the purpose of having both present?
A. Well, the less-lethal -- the less-lethal doesn't always work.

So sometimes it's based on the person's mindset or sometimes clothing. So they don't always work.

So if it's a dangerous situation and the less-lethal munitions don't work or the less-lethal force doesn't work and then it escalates to a high level of force you -- it's dangerous if all the officers had less-lethal.

So we always have the officer with less-lethal being covered with lethal in case the sltuation gets worse.
Q. Okay. The -- some of the bean bag rounds have a little plastic or a disk of some material at the front of the round.

When you fire the round from the shotgun, what happens with the round?

What do the different pieces do?
A. Ballistically, $I$ suppose that just the -- the Super-Sock®, the Kevlar bag goes downrange and the shell gets -- gets ejected from the shotgun. Q. Because it's a standard pump-action Remington 780 shotgun; is that right?
A. Correct.
Q. Okay. And what happens to the little disk that's at the top of the round?

I think it's visible in the Exhibit 63.
What happens to that?
A. Sometimes it's -- sometimes it stays in place. Sometimes it goes downrange a little bit. Sometimes it stays -- it could possibly stay with the bean bag, I guess, as well.

It's unpredictable, I would say. Q. Now, you mentioned if there's multiple officers, normally the trainings that there is a less-lethal but there's always a lethal cover sort of backing that person up, correct?
A. Correct.
Q. Okay. Are there other tactics officers are trained to use before applying any of these weapons that -- that, you know, sometimes called deescalation tactics?
A. Yes, sir.
Q. And tell me about those.
what are they?
What are the various options and what is the training as to when to use those versus, you know, using something with inflicting force? A. So the training is always -- we always teach reverence to human life.

We always teach preservation of life is first and foremost.

So we teach that an officer should -before using any level of force, all the way up to deadly force, that if it's tactically feasible to do so, that we try deescalation techniques and tactics as well.
Q. What are some of those?
A. So deescalation tactics are proactive approaches used by the officer to reduce the intensity of an encounter and stabilize the situation so that the officer will have more options and more time and can call on other resources in an attempt to gain verbal compliance while still maintaining control of a situation. Q. And perhaps without having to hurt somebody? A. Correct.
Q. Okay. And what are some of those?

What are some of the options available?
A. There's a -- there's a whole lot of them, but we can start with calling for backup; waiting for additional officers.

The first one is always going to be contain the situation.

So whatever situation you have, you want to keep the problem from getting bigger, so we contain 1 t so that we can protect the public.

Slowing down the pace of the incident.
Having one officer do commands versus everybody screaming and yelling simultaneously. Q. Why is that mportant?
A. These situatıons are high-stress situations.

So when everybody is showing up, sometimes a human nature takes over and too many people are yelling.

So we teach officers to try to stop and have one officer do the command so that we don't have conflicting commands to escalate the situation or confuse the situation.

So we try to have one officer giving commands.

We call for mental health advocates, if
possible.

Try to get behind cover if possible.
Q. And you mentioned a couple times when you were talking about preserving life.

You were talking about the life of the subject, the person the officer is dealıng with; is that right?
A. Yes, so --
Q. And who else?
A. So our deescalation tactics are meant for preservation of life.

So it's preservation of innocent people, bystanders, or people that could be harmed, it's officers, and it's also that subject as well. Q. Is one of the deescalation tactics you've become familiar with something called tactical repositioning?
A. Yes, sir.
Q. What $1 s$ that?
A. That -- tactical repositioning could be -- it could be backing off. It could be taking up positions of advantage.

What we try to do is contain the situation from going mobile, from getting worse. So we try to -- some people call it triangulation.

So we try to have angles so that we can keep the subject contained and still not pose a risk to the public or other officers with crossfire situations.

So it really is just about working your angles and having some cover.
Q. Okay. When using something like an intermediate weapon to -- to inflict pain and blunt trauma at a distance, is there a training about how much to use that or what the right amount to use?

I mean, you know, is there a certain number of bean bag rounds, or how is that trained?
A. It's the same thing every time you -- every time you pull the trigger and send a bean bag towards that subject, you have to assess and reassess -- if it hit the person -- that violent behavior stopped.

So it's the same thing. We are not counting rounds, we are shooting and reassessing if it hit the target and if the behavior stopped. Q. With respect to tactical repositioning and moving around a subject, is there training about what the appropriate distance is so that your --
the subject is contained but not -- not able to simply get away but also not too close to -- to be harming anybody else.

Is there training about that?
A. Yes, and a lot of times it's going to be to terrain (indiscernible) as well.

If you are unside or outside the house it's going to be a big difference, but we try to teach that you don't want to circle around the subject, but you want to keep him somewhat contained and try to have a -- a distance that you don't create officer safety issues.

So that if you are too close, you want to be able to have distance so that you can transition from different force options, and you want to grve the subject some distance so you can try to have a conversation, if possible. Q. Okay. From time to tıme people have cited something called the 21 -foot rule.

Have you heard that phase before?
A. I have.
Q. What is it?
A. So the 21-foot rule kind of -- it's been around for a long time. So all officers are aware of it.

It's -- it doesn't come from any clearly established case law.

It really -- not to give you the history of it, but it just goes from a drill 35, 40 years ago where an officer wanted to explain and show and dictate to a class full of police recruits how long it would take you to go through the OODA process -- observe, orient, make a decision.

And from holster -- from a holster position, an average person could close a distance of 21 feet in the time it would take the officer to react.

So it's less of a hard-and-fast rule that is a -- a demonstration on distance and respond and action versus reaction, that's really what it is.
Q. In terms of the perceived circumstances in a particular encounter, are the officers trained to think whether or not they are wearing, you know, ballistic armor or body armor, things like that? A. Every officer should have -- be wearing body armor it's -- it's mandatory now.

So it's going to be -- they are going to be wearing body armor as well, but body armor protects your chest and your vital areas, but
that's it.
Q. Does it offer any protection against any kind of, like, an edged or a bladed weapon?
A. It does not.
Q. From time to time people use the phase "stand-off distance."

What is that?
A. We use stand-off distance just to explain the distance between the officer and the subject.

So stand-off distance we want to have a time to react to a threat and time to deploy your force options as well.

So "stand-off distance" just refers to that, the distance between the officers and the subject.
Q. I think you touched on this; but with respect to the bean bag gun, the goal is to inflict blunt force -- not penetrative -- trauma through hitting the person with the bean bag, correct?
A. Correct.
Q. Okay. Have you seen wounds where the -- the bean bag or parts of the round actually penetrated the person's skin and, you know, caused penetrating injuries?
A. Yes, sir, I have, a few times.
Q. Okay. Have you seen those -- or what distances have you seen those occur at?
A. I've done it myself, probably 15 to 20 feet.

I had an incident where it impacted into the subject's leg, and $I$ was at least 15,20 feet away.
Q. Have you seen other officers?
A. Yes, I have.
Q. Okay. And do you have any sense of what distances they were operating at?
A. They were -- they started out at a furtherer distance but the subject was closing the distance.

But I've seen -- I've seen them impacted at close distances and far away distances as well.

MR. VAN EPPS: I don't have anything else for the witness, Judge.

THE COURT: Attorney McDonald, any questions?

MR. MCDONALD: Yes.

EXAMINATION
BY MR. MCDONALD:
Q. You mentioned that a firearm and a flashlight are examples of a weapon capable of inflicting
deadly force.
What about a knife?
A. Yes, sir, a knife as well.
Q. And with respect to the cover officer where a lethal -- less-lethal weaponry is being used, what is the primary function of that officer?
A. Of the less-lethal operator?
Q. Of the cover officer.

THE COURT: The cover officer.
A. Oh, I'm sorry.
Q. For the less-lethal officer.
A. I'm sorry. The cover officer is to provide cover for the officex using less-lethal, the less-lethal option.

The lethal option is to cover that officer if it doesn't work, if $1 t^{\prime}$ s not successful, or the behavior doesn't change and the situation escalates.

So he's essentially covering the officer that's trying to utilize less Eorce. Q. Can you give us an example of a circumstance where the cover officer would be justified in shooting the subject in center mass to protect the lethal -- less-lethal operator?
A. Sure.

If I -- if $I$ decided to use a less-lethal shotgun and the subject had a knife and was advancing towards me or advancing towards another person and $I$ used the bean bag to stop his behavior and $I$ either miss or $1 t$ didn't -- $1 t$ hit the person and it didn't have the desired affect that $I$ wanted it to and the threat escalated, then my officer with lethal cover would be justified to stop that threat as the situation escalated.
Q. By shooting center mass at the subject?
A. Correct=

MR. MCDONALD: Thank you.
That's all I have.

THE COURT: Mr. Heineman?

## EXAMINATION

BY MR. HEINEMAN:
Q. Good afternoon, Officer DiChiara.

In your training of these officers over all these years, you've used phase like -- phases like, getting officers comfortable with violence, right?
A. Correct.
Q. That officers need to be comfortable in violence.

That's what you teach officers, right? A. Comfort with righteous violence, yes, sir.
Q. And you've -- and you also teach that officers need to be -- have a warrior mentality, right?
A. Warrior and guided mentality, yes, sir.
Q. You've been working as an expert witness on use of force for a number of years, correct?
A. Correct.
Q. How many years?
A. Probably 15 years, maybe.
Q. And you've testified in a number of courts in the Commonwealth of Massachusetts, including the federal court, correct?
A. Yes, sir.
Q. Is it an accurate statement, sir, that you've never once testified that an officer was not justified in using force?
A. At a trial I've never testified that an officer used unreasonable force, yes, sir.
Q. Put another way, each and every time that you have testified, it's been your opinion that the offacer used appropriate force?
A. That I've testified, yes, sir.
Q. Now, you're also part of a police union
called MassCOPs, right?
A. Correct.
Q. And, as part of that union, you go around the state on behalf of the union testıfying on behalf of the officers who have been charged criminally with using too much force, correct?
A. I have, yes, sir, on two occasions.
Q. And you also go and testify on behalf of officers who are accused civilly of using too much force?
A. Correct.
Q. You're a big believer that the police officer is brotherhood, right?

THE COURT: What is that question again? MR. VAN EPPS: Objection.

BY MR. HEINEMAN:
Q. That the police officer is a brotherhood, correct?

MR. MCDONALD: Objection.
It sounds like an attempt at impeachment.
THE COURT: What -- yeah, what is the
relevance of that?
MR. HEINEMAN: Bias of the witness; that he is going explain --

THE COURT: Again, $I$ think -- right.

So, I mean, I think -- we just need to be -- so impeachment per se is not permitted at an attempted inquest.

It's permitted in other places but not necessarily here.

MR. HEINEMAN: I would just think your Honor would want to know if the witness has a bias where he tends to --

THE COURT: I -- I understand from your questioning that, $A, I$ understand he is a police officer.

I understand that he has only testified in situations where he believes -- well, he's only testified where his opinion was that the police officer used reasonable force, although, by his answer, $I$ take it there were a number of cases where he did not testify where he formed a different impression, and he just -- they never called him because he had a different impression.

But as far as how much money he makes on the side, all the standard impeachment things that would be completely relevant at a trial, $I$ mean, I'll give you a little latitude; but, again, impeachment is not permitted in this forum.

MR. HEINEMAN: I understand, your Honor. I'll move to a different area. THE COURT: All right.

BY MR. HEINEMAN:
Q. The comment his Honor just made about his -- given your prior answer is that perhaps you have formed the opinions that officers used excessive force but you haven't given that testımony, have you ever been hired by any law firm to evaluate the facts of a police-involved claim of excessive force and rendered the opinion that the officer did, in fact, use excessive force here in Massachusetts?
A. I haven't been hired. What I've looked at multiple times is officers's use of force.

I don't take retainers. I don't get hıred.

What $I$ do is I look at the case. If I feel that the officer used reasonable force, then I will work on the case, and then $I$ will be so-called hired.

If $I$ do not agree, or $I$ don't like the officers use of force and $I$ think it's excessive force, I tell the attorneys that, I tell the truth, and then they choose usually not to hire
me if $I$ 'm not going to help their client. Q. Each time an officer uses force, that use of force needs to be justified, correct?
A. Correct.
Q. And $I$ believe you said earlier that a police officer must constantly assess and reassess whether force is necessary, right?
A. Correct.
Q. So if a subject is initially noncompliant and a certain amount of force $1 s$ necessary but then the suspect deescalates his or her behavior, the officer also has to deescalate, correct?
A. Correct.
Q. And if a subject is contained on the ground holding a knife no officer within arm's distance of that person, use of a bean bag round on that indlvidual when they are on the ground is not justified, correct?
A. I would say that it depends on the circumstances.

It's possible that it could be justified. It depends on the situation.
Q. In what -- under what circumstances would the use of a bean bag round on a person who is seated on the ground holding a knife with nobody within
arm's distance of him justified?
A. You want me to give you a hypothetical, sir?
Q. Sure.
A. A subject armed with knife that was causing a risk to the public that was armed and then the officers had lethal cover and less-lethal cover; and now the person is outside of the residence and they have a chance to use a less amount of force to take that subject into custody, an opportunity presents itself to use a bean bag shotgun in a situation that could possibly be lethal than you are using less force, then it could be justified.

It's based on the officer's perception. If that officer feels at the time that that person is still a risk to the public.

The person who is sitting down, it takes no time for that person to stand up with a knife and to become a risk.

So $1 f$ the opportunity presents itself to end a situation that $1 s$ possibly a deadly situation with nondeadly force, then, yes, it could be -- $1 t$ could be reasonable, yes, sir. Q. Why don't we take a look at your MPTC use-of-force model -- and maybe $I$ just missed
it -- but $I$ thought you told us that the bean bag was only appropriate when you were at the Level 4; that is, when the subject has assaultive behavior.

Is that right or is that wrong?
A. The use-of-force model is to give -- is to help the officer make assessments on what level force to use.

The standard the officer has to use is -is -- was it -- was it -- your use of force reasonable?

So we teach the officer to use a reasonable amount of force based on the totality of the circumstances.

The use the force model has helped them make decisions.

So everything is not plugged into an area per se. That use of force continuum, use-of-force model is to help the offer make decisıons.

And if a person is assaultive at one point, and it's an ongoing event, an officer could still perceive him as an assaultive individual.
Q. All right. Let's try it this way.
You're familiar with the term "less-lethal
force," right?
A. Yes.
Q. Have you ever seen the Lexington Police Use of Force Policy?
A. I'm not sure. I don't -- I possibly have over the years. I'm not sure.

MR. HEINEMAN: May I approach?
THE COURT: Sure.
MR. HEINEMAN: Can $I$ have Exhibit 64, if I could.

Thank you.
Sixty-four.
MR. VAN EPPS: Okay.
THE COURT: He has -- he has -- he has the actual exhibit.

MR. HEINEMAN: Okay. I am going to take the other exhibit back.

THE WITNESS: Oh, sorry.
THE COURT: Oh, here we go.
THE WITNESS: Sorry about that.
THE COURT: That's all right.
BY MR. HEINEMAN:
Q. If you turn to page 8 of 18 in that policy, under sub -- subpart $F$, less-lethal force. It
says, The Department recognizes that armed and/or violent subjects cause handling and control problems that require special training and equipment.

Thus, the Department has adopted the use of less-lethal force; i.e., Super-Sock® trademarked round, also known an extended-range less-lethal projectile.

Fired through a $12-g a u g e$ shotgun, the less-lethal application meets operational objectives with less potential for causing death or serious physical injury than the use of deadly force.

The extended-range, less-lethal projectile is approved for use when.

Are you with me so far?
A. Yes, sir.
Q. Then there is a box.

And that box is when the Lexington Police Department -- that's where the Lexington Police Department defines when the use of this device is appropriate.

It says, Important considerations when deploying less-lethal force.

Quote, deadly force is justified and
available for backup but lesser force may subdue the aggressor, and/or deadly force is justified but its use could cause collateral effects such as injury to bystanders. Do you see that?
A. I do.
Q. Do you believe that that's an accurate statement of the -- of the appropriate use of less-lethal force?
A. I'm confused with the -- I'm confused what you are asking me, sir.
Q. Is the use of a bean bag round appropriate in circumstances when deadly force is justified and available for backup but lesser force may subdue the aggressor?
A. I guess I'm just confused with what you are asking me.
Q. Is the use of a bean bag round by a police officer on a subject the appropriate use of force when deadly force would be justified and is avaılable for backup but lesser force may subdue the aggressor?
A. It could be, yes.
Q. And then the second part of that.

Is the use of a bean bag round appropriate
when deadly force is justified but its use could cause collateral effects such as injury to bystanders?
A. Yes, sir.
Q. In both of those circumstances that the Lexington Police Department in their policy says that the use of these bean bag rounds is appropriate, it starts with deadly force would be appropriate but there's other circumstances which mean we could use instead or in addition, right?
A. That's what their policy says.
Q. Yeah. Is that policy an accurate statement of the use of force with regard to these devices? Is that right?

MR. VAN EPPS: Objection.
THE COURT: I'm not sure I understand the question.

It's -- it is one category, right?
I think from his testimony he said it can be used in circumstances where lethal force would be available but the police don't want to shoot the person; but it might also be used as a stand-off weapon when an -- when they would be authorızed to useless than lethal force as in an impact weapon, a stand-off impact weapon.

MR. HEINEMAN: Okay. Let's clarify that because I'm hearing it a lıttle dıfferent. BY MR. HEINEMAN:
Q. Is it a true statement, yes or no, that before an officer can use on impact weapon like these bean bags, that the suspect has to be engaged in assaultive behavior?
A. No, sir.
Q. So it doesn't have to get up to Level 4 under force continuum?
A. It has to be reasonable.
Q. If a suspect has never made an assaultive move towards anybody --

THE COURT: (Indiscernible.)

THE WITNESS: Sorry.

THE COURT: That's all right.
THE CLERK: I got it.
THE COURT: I'll have Carlos straighten
one. I won't have him straighten two.
UNIDENTIFIED SPEAKER: Thank you, Matt.

BY MR. HEINEMAN:
Q. Is it your testimony, Officer, that there were circumstances on the use of an mpact munition like these bean bags is appropriate even when the suspect hasn't engaged in assaultive
behavior?
A. Yes, sir.
Q. So if somebody is just noncompliant, is the use of these bean bag appropriate?
A. Sir, everything is dictated by the totality of the circumstances.

Every use of force has a unique set of circumstances.

If a person -- if a suicidal person is standing in front of me from 20 feet away and they are trying to -- and they are -- they are armed with an edged weapon, and they are trying to commit suicide and kill themselves, and I can't get too close, and he is doing harm to himself under -- under -- under reverence to human life, I would think that's reasonable for me to use a bean bag shotgun to impact him to stop his behavior to save his life. Yes, sir, correct.
Q. I agree with that.

Let's set that exception aside.
A. You asked me for a hypothetical, sir. I gave you one.
Q. Okay. We'll keep going.

Set aside that the person's going to harm
themselves -- take that out of the equation, no indication that the person is going to harm themselves -- if that suspect has not been assaultive towards any other person, is the use of a bean bag round on that person appropriate? A. Sir, it depends on the situation.
Q. If a suspect who is just being investagated -- well, strike that.

Let me back up.
THE COURT: So I think, Mr. Heineman, you are probably going to get the same answer. I'll listen to the question; but $I$ think the answer is going to be lt depends on the circumstances.

MR. HEINEMAN: I get the sense $I$ am going to get that a lot. I am actually go to a slightly different area.

Let's talk about these bean bag rounds.
May I approach, again, your Honor?
THE COURT: Yep.
MR. HEINEMAN: I am going to have to give you (indiscernible).

I'll give you my two.
THE WITNESS: Thank you, sir.
BY MR. HEINEMAN:
Q. The one on your left hand is the Triton round; the one in your right hand is the Super-Sock® trademark round, correct?
A. It appears so, yes, sir.
Q. On the Super-Sock® trademark round, there is some language typed there on the bottom that says something about it's effective immediately upon exit or something a long those lines.

Could you read that out nice and loud to us?

THE COURT: Not much time left. Maybe I can move it along. $I$ can read.

So let's just ask him the question because $I$ can read.

BY MR. HEINEMAN:
Q. The Super-Sock ${ }^{\circledR}$ round doesn't have a minimum distance because it is effective immediately upon exiting the barrel of the shotgun, correct?
A. Yes, sir.
Q. The Triton doesn't have that, does it?

THE COURT: I think it's 63, right?
A. I'm not seeing -- I'm not seeing minımum distance here so...
Q. Do you know the distance between drag stabilized and tail drag stabilized bean bag
rounds?
A. Do I know the difference?
Q. Yeah.
A. So supposedly on the Super-Sock ${ }^{\otimes}$ rounds it's effective right out of the shotgun; and with the drag stabilizer there's some kind of a tail on it so it's supposed to be more accurate.
Q. And the ones that are -- have tail stabilized and are or accurate take longer to deploy; and, therefore, they have a minimum safe distance, right?
A. I'm not sure about that, sir. No, sir.
Q. I'll take those back. Thank you.

Are you aware that the Lexington Use of
Force Policy says that these bean bag rounds should not be fired less than 15 feet from a subject?
A. I have not seen the policy, no, sir.
Q. If I -- if you except my word for it that that's what's in there, would that be consistent with the good use of force of those bean bag rounds?
A. Sure. It's consistent. 10 to 15 feet is the standard in Massachusetts.
Q. And so if an officer became frustrated that
prior bean bag rounds dıdn't seem to be having an affect and chose to advance closer to a subject getting within about 5 feet of the subject before firing one of those bean bag rounds at the subject, would that be an appropriate use of force?
A. It could be.
Q. It could be?

Deescalation tactıcs. Let's talk about those.

Time is one of the great deescalation tactics out there, isn't it?
A. Correct.
Q. Time's on the officer's side when the subject is contained, right?
A. It could be, yes, sir.
Q. Officers are trained that they should be patient and take their time to try to talk a situation down before resorting to the use of force, correct?
A. Sure. Correct.
Q. And they are also taught that there should not be multiple officers giving instructions to the same subject, correct?
A. They are taught that, yes.
Q. And are there also -- do you also teach your officers that when the subject is an individual who is known to have mental health issues, it is even more important not to barrage that individual with multiple people giving instructions?
A. We -- we teach officers a whole slew of things when $1 t$ deals with people suffering from mental illness.

But, yes, we always try to teach one person talking, if possible. It's not always realistic.
Q. Are you aware -- I think I asked this; and I am getting a little old so $I$ am just forgetting, I don't mean to be repetitive.

Are you aware of whether the Triton manufacturer publishes minimum safe distances for the use of their ammunition?
A. I am not sure what the vendor specifics are, no.

MR. HEINEMAN: That's all I have.

Thank you.

THE COURT: All right. Can $I$ ask you a couple questions?

THE WITNESS: Sure, sir.

THE COURT: So just standard police body armor is soft ballistic armor, correct?

Most police officers are not wearing plate -- or plate carriage, right.

THE WITNESS: That's correct.

THE COURT: All right. And it would be the plate that would be -- would defeat -- might defeat an edged weapon?

THE WITNESS: Yes. Correct.

THE COURT: All right. Not that it's relevant to this case, but $I$ understand that chockeholds are banned $1 n$ Massachusetts. But is that even when the use of deadly force is authorized?

THE WITNESS: As of last year, chokes are banned even as a deadly force option -- even $1 f$ the officer's life is in peril or even if somebody else's life is in peril.

THE COURT: I get it when it's -whatever $I$ won't...

There were a number of questions by both lawyers -- actually both lawyers, not all three lawyers -- about the use of the less-lethal shotguns and penetrating wounds and different things.

And the purpose of the less-lethal is as a stand-off impact weapon.

THE WITNESS: It's very similar to a baton strike --

THE COURT: Right.
THE WITNESS: -- except you are able to use a little bit of distance to be more safe.

THE COURT: And while it is less-lethal, it certainly can be lethal, correct?

THE WITNESS: It could be to certain target areas, the face, or the throat.

THE COURT: The face or the head?
THE WITNESS: Correct.
THE COURT: Or either -- depending on where -- and, again, certain penetrating wounds.

If -- if a situation presented itself where lethal force was authorized and a police officer -- used regardless of distance -- used a less-lethal shotgun as a potentially lethal intervention, would that be authorized if lethal force was authorized?

THE WITNESS: It -- it would.
So the way we describe it as the -- as the threat level comes up, the firearm could come up.

So if we are teaching to hit somebody in the leg or the pelvic, go to a less-lethal; and it doesn't work, and the person is advancing towards the officer, then the officer would be able to rise the shotgun and hit the person in the chest or the face because now it's become a deadly force situation.

So here you are using a less-lethal munitron in a deadly force situation.

THE COURT: And, again, with respect to the scenario that Mr. Heineman posited, which was an officer simply approaching too close distance to hit a person that's down on the ground, that would not be a -- an authorized -- generally speaking, that would not be an authorized use of a less-lethal weapon, right?

THE WITNESS: Correct.
If the person wasn't -- if the person wasn't posing a risk than no, so...

THE COURT: All right. But a person on the ground who might be moving around with a knife may or may not, depending on the circumstances?

THE WITNESS: It could be, yes, sir, correct.

THE COURT: All right. Anything on any either of those questions?

EXAMINATION
BY MR. VAN EPPS:
Q. Officer, we talked a little bit about it before. The -- so the -- in contrast to firearms, the training is to aim at extremities, essentially; is that right? For a less-lethal?
A. For a less-lethal, yes, sir.
Q. And those are -- the officers are taught to think of those as intended target areas?
A. Yes, sir, correct.
Q. Okay. You described it as being slmilar to a baton that can strike at range.

In other -- in other situations where you've testified, you've described the amount of pain inflicted in other -- using other metaphors.

How have you described it before?
A. That impact at 280 feet per second is similar to probably a 94-mile-an-hour fastball, so it would cause that blunt trama jury to those extremities.

So similar to a fastball is the best way I could describe it. I used to say Roger Clemens, but then $I$ show my age and nobody knows what I'm
talking about.
Q. If I could just see the Use of Force Policy for Lexington.

I know you just put it back in the packet. MS. GEMMILL: Sixty-four. BY MR. VAN EPPS:
Q. On the back of -- on the back of Exhibit 64, the last two pages. Page 17 there is a -something called a Monadnock Baton Chart?
A. Yes, sir, correct.
Q. And the last page, page 18, do you recognize that?
A. Correct. Yes, sir.
Q. What are these things we are looking at, the red, yellow, green, on page 18 of Exhibit 64?
A. So, green, yellow, red, target areas for the -- for --

THE COURT: Go or no go.
A. Yes, it's similar to a traffic light. Green is go; yellow is caution, because of injuries; and red is stop, unless you are at deadly force. MR. VAN EPPS: Okay. That's all I have. THE COURT: Mr. McDonald? Mr. Heineman? MR. MCDONALD: Yes. Just a couple. EXAMINATION

BY MR. MCDONALD:
Q. You were asked by counsel about a
hypothetical which is when officer had contained someone who were on the ground would it be appropriate to use less-lethal force.

And you said it's circumstantial, right?
There might be circumstances where that would be appropriate?
A. Yes. Correct.
Q. Let's assume for purposes of the hypothetical that the reason the officers were there was because the person who was on the ground in the middle of the officers; had threatened to kill someone and a housemate of his; and that that person fled the house; fled the police with a knife in his hand, is finally contained by the police; was threatening to kill the policeman; was moving around on the ground aggressively and was highly agıtated; bean bag rounds from the distance weren't working.

Would that be a circumstance where an officer would be appropriate in getting closer to the target and try to make a more effective shot?

And I'm not talking about an officer's
safety; $I$ am talking about for purposes of controlling and containing the individual.
A. It could be.
Q. Would it matter if there were a crowd of people around watching all of this event and the -- the subject was trying to get up and flee from the containment?
A. It could have some bearing on the officer's perception, it could.

MR. MCDONALD: Thank you.
THE COURT: Anything on that?
MR. HEINEMAN: No, your Honor.
THE COURT: All right. Thank you, sir. MR. VAN EPPS: That's all I have.

I just have a few things $I$ would like to mark before we wrap up today. THE WITNESS: Thank you, your Honor. THE COURT: Thank you.

MR. VAN EPPS: I have the interview report of Tavery Hutchinson. I would offer as the next exhibit.

MR. HEINEMAN: Your Honor, $1 f$ we could talk about Tavery Hutchinson at some point, $I^{\prime} d$ love to.

THE COURT: Who is Tavery Hutchinson?

MR. VAN EPPS: Ryan Hutchinson's mother. THE COURT: Okay. All right.

THE CLERK: Seventy-seven, your Honor. THE COURT: Okay.
(Exhibit No. 77, interview report of Tavery Hutchinson, received into evidence.)

MR. VAN EPPS: May $I$ have the Lexington Police Supplemental Report of George Snell (phonetic) concerning locating a 911 extract, and there is a disk that goes with the report?

THE CLERK: So, your Honor, there's two pieces with this.

It would be 78 A and 78 B .

THE COURT: Perfect.

THE CLERK: A being the report; B the disk.
(Exhibit No. 78A, Lexington Police Supplemental Report of George Snell, received into evidence.)
(Exhibit No. 78B, Lexington Police disk of George Snell, received into evidence.)

THE CLERK: Seventy-eight B the disk.
THE COURT: Anything else?

MR. VAN EPPS: Just a couple things, Judge.

I have the State Police Interview Report of Jean Philip Koesters, K-O-E-S-T-E-R-S.

THE CLERK: Seventy-nine.
(Exhibit No. 79, State Police Interview Report of Jean Philip Koesters, received into evidence.)

MR. VAN EPPS: I've got a Lexington Police interview report of Toby Schlein, $\mathrm{S}-\mathrm{C}-\mathrm{H}-\mathrm{L}-\mathrm{E}-\mathrm{I}-\mathrm{N}$.

THE CLERK: Eighty.
(Exhibit No. 80, Police interview report of Toby Schlein, received into evidence.)

MR. VAN EPPS: I've got a Lexington police interview report of Eileen Lowe.

THE CLERK: Eighty-one.
(Exhibit No. 81, Lexington police interview report of Eileen Lowe, received into evidence.)

MR. VAN EPPS: If I may have just one second, Judge.

THE COURT: Uh-hum. What was the name on 79, Carlos?

THE CLERK: Seventy-nine?
THE COURT: Yeah, what's the name on the interview?

THE CLERK: The interview is Jean Philip Koesters.

MR. VAN EPPS: I'll spell it for your Honor.

THE COURT: There you go.
MR. VAN EPPS: Can you give me 80, again, please?

THE CLERK: Eighty is --
THE COURT: Toby Schlein.
THE CLERK: Supplemental report of Toby Schlein.

MR: VAN EPPS: The next is the -- it's titled the State Police Crime Scene Report of Sergeant Lance Mellow (phonetic). It's one page.

THE CLERK: Eighty-two.
(Exhibit No. 82, State Police Crime Scene Report of Sergeant Lance Mellow, received into evidence.)

MR. VAN EPPS: Next is the Crime Scene Report of Lieutenant Colleen Tanguay, T-A-N-G-U-A-Y. It's a State Police report.

THE CLERK: Eighty-three.
(Exhibit No. 83, Crime Scene Report of Lieutenant Colleen Tanguay, received into evidence.)

MR. VAN EPPS: Next one is the report of investigations, it's a State Police report by Trooper Kathryn Marcotte, $M-A-R-C-O-T-T-E$.

THE CLERK: Eighty-four.
(Exhibit No. 84, State Police report by Trooper Kathryn Marcotte, received into evidence.)

MR. VAN EPPS: And the last is the Cellebrite extraction report from Brendan Reilly's cell phone generated by Trooper Quigley, just calls, pictures, text messages, and so forth.

THE CLERK: Eighty-five.
(Exhibit No. 85, Cellebrite extraction report, received into evidence.)

THE COURT: All right. So Mr. Heineman, with respect to Tavery Hutchinson.

MR. HEINEMAN: Tavery Hutchinson. A woman who was at least 40 feet closer to this than the Lane family who drove by, who -- her phone used to take photos and video and is not belng called; but today we have Jim Lane waiting to possibly be recalled.

And so I'm just baffled and perturbed that a witness who, perhaps, was in the best
position to see exactly what happened is not being called.

And I -- and $I$ have no control over it, your Honor, but I suspect --

THE COURT: Right.
MR. HEINEMAN: -- you do.
THE COURT: I'm looking at a report, just for the record, that indicates she entered the rotary that was comprised of North Hancock, Burlington Street, Blake Road, Hancock Street, and Hamilton Road.

During this time a confrontation with -- between the police and Reilly was taking place.

Ryan Hutchinson was in the front seat and Tavery Hutchinson was operating the car.

She was focused on the road and only briefly observed police officers using their firearms, pointing them at Reilly.

Tavery Hutchınson then made several attempts to avoid the confrontation while her son was observing and recording the incident.

She heard two gunshots while they were driving away from the rotary and saved it once at the basketball game and concluded later in the
evening the scene had been cleared.
So I'm not sure, frankly, if she's going to testify consistent with that report -- I understand that you may have a theory that she saw more, but it sounds like she is saying she didn't.

And that actually is consistent with what the video showed because she wasn't look willing around on the video.

She was focused on the road. She wasn't focused on what was going on.

MR. HEINEMAN: Two things then, first, your Honor.

The very first witness has testified before you, Ms. Hine. The report of her interview, she got on that stand on Day 1 and sald, $I$ never told that officer that.

THE COURT: Yep.
MR. HEINEMAN: There are a number of those examples that $I$ could point your Honor to throughout all of these. If this were -- the roles were reversed and we had a dead police officer, there would not be a witness who's not being called here.

I have the video of Ms. Hine.

THE COURT: Just on that note, we've heard from an awful lot of witnesses that $I$ don't think $I$ needed to hear from, frankly. An awful lot of witnesses that $I$ don't think I needed to hear from.

But -- I mean, I think the DA's office has tried to be -- I'm not sure if there's -- I'm assuming the reason that they've -- they are not going to call Tavery Hutchinson is she doesn't really offer anything that any one of 30 other people haven't testified to.

And $I$ understand that you want a timeline, and that may be relevant to a future proceeding; $I$ don't know that -- because here's the thing, the timing is going to be off with these people because half of these people heard one shot; half of them heard -- maybe not half.

A number heard one shot; a number heard three shots; a number heard four shots; a few heard two shots.

Some people say that the people were all carrying rifles. Somebody said nobody was carryıng a rifle.

I mean, $I$ think $I$ said this at some point when we were all talking before that kind of the
testimony's all over the place, which makes it, frankly, a little bit harder for me to figure out what $I$ need to figure out.

I'm looking at that report, and $I^{\prime} m$ looking at the video evidence that $I$ have. And the video evidence is consistent with that report.

She wants nothing to do with this scene and having her kid there.

The kid wants -- the kid's, you know, he's like he's watching a video game, right? But she wants nothing to do with this.

MR. HEINEMAN: I just ask your Honor to look at that Hine video again --

THE COURT: Uh-hum. I will.
MR. HEINEMAN: -- and $I$ want to make sure that that Hine video's in evidence --

THE COURT: Oh, it is. It is.
MR. HEINEMAN: -- if it's not.
THE COURT: Oh, it is. It $1 s$.
MR. VAN EPPS: It is.
MR. HEINEMAN: -- but in the Hine -- in
the Hine video you see the Hutchinson vehicle driving this way with the altercatıon golng on here. And you can see clearly Ms. Hutchinson
looking directly at it.
THE COURT: Well -- and, again, if she does this and she does that, right?

I mean, all $I$ am saying is the Commonwealth has the -- they have the responsibility to bring the evidence.

I understand that you think that there may be critical evidence here and it may be that at some polnt that's what turns out.

I -- we have the Hine video and we have, also, the Hutchinson video -- and $I$ am going to review everything -- but it seems to me, based on what I've been able to observe, that Ms. Hutchinson's presence on scene is fleeting at best. So...

MR. VAN EPPS: I was going to say, my recollection of the Hine video -- and it is in evidence.

THE COURT: Yep.
MR. VAN EPPS: We can watch it in the courtroom, but when -- when that vehicle goes through, $I$ believe there is an ambulance in the background, and they are -- they are doing work on Mr. Reilly as he's already been knocked down. THE COURT: SO...

MR. VAN EPPS: So, as I understand it, that would be after the shooting.

THE COURT: So is Exhibit 2 the Hine video?

MR. VAN EPPS: SO...

THE CLERK: The --

THE COURT: I just want to make sure that

Exhibit 2 is the Hine video?

THE CLERK: The exhibit -- the Hine video, your Honor, is Exhibıt 12 A .

THE COURT: Oh, there we go. Okay.
MR. VAN EPPS: Is that right?
MS. GEMMILL: No.

MR. VAN EPPS: Hold on.

MS. GEMMILL: That's the Mukherjee (phonetic) video.

THE COURT: No. That's -- that's not. 12 A is something else. I've got 12 A I think relates to -- is Mukherjee.

MR. VAN EPPS: There -- there might be a disk that has both of them on it because I think --

THE COURT: Oh, you know what, I take that back.

12A, I believe, is the Hine video; 12 B is
the report Rittenel (phonetic)?
Are you sure?
THE CLERK: Yeah. Can I see 12A?
Because I'll just -- I'll pull it up on the --
THE COURT: I just to confirm, because I have videos. And it may be that it's both, because $I$ have videos written down.

I just want to make sure that the Hine video is a part of the record.

Because $12 B$ is the report regarding Mukherjee video.

THE CLERK: It's either 12 A or 11 A.
THE COURT: 11A?
MR. VAN EPPS: I think it's on 12A.
THE COURT: 11A and B, I've got 911 Wood transcript and CD.

And $C$ and $D$ are the police and fire CAD.
THE CLERK: Correct, your Honor.
Twelve -- so it has to be 12A.
THE COURT: All right. Let's just make sure. How are you going to get it to play?

It's on the shared drive, regardless.
THE CLERK: Yeah. I just -- I just want to make sure --

THE COURT: As long as we -- I've just
got to make sure -- I've just got to make sure it's part of the record.

THE CLERK: Yeah, I just want to make sure it's on here and that it works.

THE COURT: That's the Hine video, right?
THE CLERK: Right.
The only thing $I$ know is there's a police car and Mr. Reilly is -- (indiscernible).

THE COURT: Yeah, I can take a look at it, but $I$ just wanted to make sure $1 t^{\prime} s$ there.

THE CLERK: I was think -- I was thinking of one of the other photos.

THE COURT: All right. Twelve -- so 12 A is Hine video. Is it also the Mukherjee video?

THE CLERK: I believe so. There's just folders on the main -- it says, the disk is labeled Hine, Mattoon and Mukherjee's. So it's the Hine video, Mukherjee's video and the interview of Scott Mattoon.

THE COURT: Okay.
All right. So the next date is 16 th ; is that right?

MR. HEINEMAN: $3 / 16$, yes, your Honor.
MR. VAN EPPS: $3 / 16$.
THE COURT: You guys aren't going to
change that on me, are you?
MR. HEINEMAN: I don't believe so, your Honor.

THE COURT: Tell Anna that she has to do it next time.

MR. HEINEMAN: We had -- $1 t$ very well
might come down to it, your Honor.
THE COURT: All right.
MR. VAN EPPS: Judge, so $I$ know you are
going to review the Hine video --
THE COURT: I am going to review everything but. .

MR. VAN EPPS: Yes.
But with respect to the -- because I know this was a point of contention earlier.

With respect to the view from the Lane's backyard, when we did the inıtial view --

THE COURT: Well, what -- oh, it would be Lane, I'm sorry. $\quad$ I was thinking of Hutchinson.

MR. VAN EPPS: Yes.

I wasn't aware whether their -- their private property would be available to us. They've indicated that it would be.

So if -- you know, if we wanted to do a view from their backyard, if we could.

THE COURT: Uh-huh.
MR. VAN EPPS: I don't know if the Court thinks it's necessary but it's an option.

THE COURT: I'll think about that. I mean -- I don't think anybody -- this is not -- I don't think anybody here has an interest in lying.

So, I mean, if they are testifying that they can see something at least with respect to the Lanes -- you know, I -- I mean, I'll think about whether or not it would be worth golng out there, but we'll see.

MR. VAN EPPS: And -- and because it's so close to here --

THE COURT: It's close to here, and it's close in time to the time of year so...

MR. VAN EPPS: And we don't need to do it on the 16 th.

THE COURT: No. Correct.
MR. VAN EPPS: We can do whenever it is convenient for everybody.

THE COURT: Correct.
MR. VAN EPPS: And that would be the only think we do that day.

THE COURT: Right.

MR. VAN EPPS: It will be a 15-mınute thing.

THE COURT: How long do we think the wrtnesses -- well, the witnesses on the $16 t h$ will probably take all day.

MR. VAN EPPS: So Dr. Capo -- yeah, Dr. Capo, I'm envisioning maybe at least half an hour

THE COURT: Yep.

MR. VAN EPPS: I need to find out whether she has the basis to talk about some of the chronological stuff the court asked about.

THE COURT: Uh-hum.

MR. VAN EPPS: It may be that $I--\quad$ get somebody from Bridgewater to talk about that.

THE COURT: Okay.

MR. VAN EPPS: And then the rest of the day would be the -- the officers.

THE COURT: All right. Yeah, I mean, it's -- so have you talked to anybody down at Bridgewater about that?

MR. VAN EPPS: No, but I'm -- I'm going to.

THE COURT: All right.
MR. VAN EPPS: I wasn't able to between
when we had our conversation and today.
THE COURT: Okay.
All right. Have a good weekend. MR. VAN EPPS: Thank you, your Honor. MS. GEMMILL: Thank you, your Honor. MR. MCDONALD: Thank you, your Honor. MR. HEINEMAN: Thank you, Honor. THE COURT OFFICER: Court.

All rise.
(4:08 p.m. court in recess.)
(4:30 p.m. audıo resumes.)
(Audio from view on December 14, 2022 played 4:31:15-4:47:47.)

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 ＇9－६ऽz＇し Z૬Z ＇sz LGZ＇6L OGZ ＇s Osz＇七て 6七て ＇$\subset Z 6 \downarrow Z$＇ 2 6 6ヶZ ＇OZ 6ヶZ＇8し 6ヶZ ＇91 6もて＇十し6もて
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 ＇ $8 \varepsilon \downarrow Z$＇ $9 \varepsilon เ Z$
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 ＇sı sez＇01 sez
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