

McNinch, Elizabeth A.

From: Jeremy Garber <jgarber@soundthinking.com>
Sent: Monday, August 28, 2023 4:58 PM
To: rbrooks@columbuspolice.org
Cc: Richard Bash; sweir@columbuspolice.org
Subject: [EXTERNAL] FW: Infrastructure test.

Good afternoon Sgt Brooks,

My name is Jeremy Garber and I am managing the critical infrastructure live fire test on the SoundThinking side. Richard Bash forwarded me the below email thread, and I'm hoping to connect directly with you to confirm the dates and other details. I understand your schedule is already pretty full for September. We really would like to have two back to back afternoon weekdays for testing, but may not need the second day. Given you only have availability in September on the 15th and 29th, I'd like to know if you have availability for two consecutive weekdays in October.

Kind regards,

Jeremy Garber
SoundThinking (formerly ShotSpotter)
jgarber@soundthinking.com
408-598-9856



****Please Note Email Address Change****

From: Richard Bash <rbash@soundthinking.com>
Sent: Monday, August 28, 2023 3:25 PM
To: Jeremy Garber <jgarber@soundthinking.com>
Subject: Fwd: Infrastructure test.

Please take a look at the dates, thanks.

Richard Bash

SoundThinking

Begin forwarded message:

From: "Weir, Smith" <SWeir@columbuspolice.org>
Date: August 28, 2023 at 12:59:37 PM MDT
To: Richard Bash <rbash@soundthinking.com>
Cc: Joshua Judah <jjudah@soundthinking.com>, "Bodker, Gregory" <gbodker@columbuspolice.org>
Subject: FW: Infrastructure test.

CAUTION: External Email.

Chief Bash,

See Sergeant Brooks' email below. Does September 15th or September 29th work for your schedule? If those don't work, it sounds like they may have more openings in October. I would be available on the 15th, but will be out of town after the 22nd. Obviously, we will have someone designated to take my spot so that you don't have any gaps in support.

Respectfully,
Smith

Smith Weir #5009
Deputy Chief
Columbus Division of Police
Criminal Investigations
sweir@columbuspolice.org
(614)645-4716
(614)515-8560

From: Konves, Nicholas
Sent: Friday, August 25, 2023 12:33 PM
To: Weir, Smith <SWeir@columbuspolice.org>
Subject: FW: Infrastructure test.

Smitty,

If possible, please try to accommodate Ordnance's scheduling issues when scheduling the live fire demos at Cooper Stadium. They have a busy month with recruits.

Thanks!

Nick

Deputy Chief Nick Konves
Public Accountability Subdivision

Columbus Division of Police

120 Marconi Blvd.
Columbus, Ohio 43215
Office 614.645.4884
Cell 614.774.7646

nkonves@columbuspolice.org
www.columbus.gov/police

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From: Brooks, Richard E.
Sent: Friday, August 25, 2023 12:16 PM
To: Konves, Nicholas <NKonves@columbuspolice.org>
Cc: Ketcham, Richard <RKetcham@columbuspolice.org>; Scott, Zachary D. <ZScott@columbuspolice.org>; Parini, Gregory <GParini@columbuspolice.org>
Subject: Re: Infrastructure test.

Yes sir , our schedule is pretty tight. We are booked all of September for the 142 firearms until 4:30p every day. We could do it on Friday, September 15 or Friday, September 29. If not we have several dates in October to work with.

As Always, Stay Safe!
Sgt. Rich Brooks#5185
Ordnance Section, Training Bureau
Honor Guard President
Columbus Division of Police
[614-645-4805](tel:614-645-4805)
Sent from my iPhone

On Aug 25, 2023, at 8:07 AM, Konves, Nicholas <NKonves@columbuspolice.org> wrote:

FYI...

Once dates are nailed down, we will need to provide a Range Master, firearms, ammunition and a bullet trap for testing. Let me know if you have any concerns with this.

Deputy Chief Nick Konves
Public Accountability Subdivision

Columbus Division of Police
120 Marconi Blvd.
Columbus, Ohio 43215
Office 614.645.4884
Cell 614.774.7646

nkonves@columbuspolice.org
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From: Speaks, George [<mailto:GESpeaks@columbus.gov>]
Sent: Thursday, August 24, 2023 4:32 PM
To: Bodker, Gregory <GBodker@columbuspolice.org>; Potts, LaShanna

<LPotts@columbuspolice.org>; Konves, Nicholas <NKonves@columbuspolice.org>

Subject: RE: Infrastructure test.

Still awaiting response for the property owners i.e. the Schottensteins.

George Speaks

Deputy Director of Public Safety

77 North Front Street

5th Floor

Columbus, OH 43215

Direct: (614) 645-8210

Fax: (614) 645-8268

<https://www.columbus.gov/public-safety/>

<https://columbus.gov>

From: Bodker, Gregory (Police)

Sent: Thursday, August 24, 2023 4:05 PM

To: Potts, Lashanna (Asst. Police Chief) <LPotts@columbuspolice.org>; Konves, Nicholas (Police) <NKonves@columbuspolice.org>

Cc: Speaks, George <GESpeaks@columbus.gov>

Subject: FW: Infrastructure test.

Chief Potts and Chief Konves,

I was copied on this email as Acting last week. The last I spoke with Dir. Speaks, this was awaiting approval from the company that owns the property proposed for the test. Although much of this will be handled by the Division Liaison (Currently D/C Weir), if approved by the property owner, it has a request for Ordnance personnel (highlighted below).

-Greg

From: Richard Bash [<mailto:rbash@soundthinking.com>]

Sent: Wednesday, August 16, 2023 10:04 AM

To: Speaks, George <GESpeaks@columbus.gov>; Bodker, Gregory <GBodker@columbuspolice.org>

Subject: [EXTERNAL] Infrastructure test.

SoundThinking, Inc., is developing a new gunshot detection and location system targeted for critical infrastructure facilities such as utility substations. We are seeking your agency's assistance in supporting a live fire test (LFT) of this system. The LFT will include firing live rounds from a few different firearms into a bullet trap at multiple positions in relation to a small acoustic sensor array to be temporarily installed on site. We are asking that the agency provide range master, firearms, ammunition, bullet trap, and any additional patrol units that may be needed to secure the area for the test.

We would like to conduct this test at Cooper Stadium (1155 W Mound St, Columbus, OH). We would like to reserve two consecutive days for testing, though testing may be completed on the first day. The second test day may not be needed. It is estimated that the fire team will only be needed on-site for a few hours each test day. A proposed schedule is provided below. We are available as early as the week of September 11th to

conduct this test, and ask that the agency confirm this week or provide an alternate week shortly after.

Draft schedule:

1. Travel day: SoundThinking team arrives in Columbus
2. Test day 1 (support from agency):
 1. Morning: Install sensor array at Cooper Stadium and confirm system is ready for testing
 2. Afternoon (support from agency): Conduct LFT and determine if second day of testing is needed
 3. Evening (support from agency): If second day of testing is needed, leave sensors installed over night (patrol watch requested)
3. Test day 2 (support from agency):
 1. Morning: Confirm system is ready for testing.
 2. Afternoon (support from agency): Conduct LFT.
 3. Evening: De-install sensor array and ship back to HQ
4. Travel day: SoundThinking team leaves Columbus

The agency range master will be responsible for firing live rounds into the bullet trap at each firing position. It is currently requested we use the following or similar calibers for the LFT: (rifle) 7.62 mm or 5.56 mm, (handgun) .45 Cal, 9 mm, and .22 Cal. At each firing position, each firearm will be fired multiple times in discrete firing events. The SoundThinking LFT manager will direct the range master when we are ready for each firing event. The firing schedule for each firearm at each firing position is below. Estimate a minimum of 12 rounds per firearm per firing position for 5 total proposed firing positions (60 round total min per firearm).

5. Multiples:
 1. 3 rounds fired in sequence
 2. 3 rounds fired in sequence
 3. 3 rounds fired in sequence
6. Singles:
 1. 1 round fired
 2. 1 round fired
 3. 1 round fired

The firing sequence above must be done for each firearm at each firing position as the method to test the primary goals of the LFT. In addition, it would be beneficial to do limited testing to meet secondary goals of the LFT. This would include firing 3-round bursts or fully automatic bursts for a single firearm at one or two (near / far) firing position(s). If possible, we would also like to fire into the side of a sand-filled 55-gallon steel drum to be placed in the center of the sensor array to detect bullet impact. This could be done with a single firearm (rifle) at a single firing position (far).

The bullet trap should safely contain fired ammunition without reducing the amplitude of the muzzle blast. Bullet traps requiring the muzzle to be placed into a chamber will not work. The trap must allow the range master to fire in a parallel or near parallel relation to the ground. The range master will stand 15' back from the bullet trap, firing in the direction of the sensor array.

Screenshot of requested test location. Yellow box represents on-site sensor array. Labelled (FP) red pins represent each firing position. Direction of fire needs to be toward

the sensor array. We can change the location of the array and orientation of firing positions to better suite safety concerns as needed. The sensor array will occupy 2 acres. Firing positions will be from 25 m out to 225 m away from the perimeter of the sensor array.

<image001.jpg>

Richard Bash

Customer Success Director
SoundThinking

rbash@soundthinking.com

[\(510\)203-2604](tel:(510)203-2604)

39300 Civic Center Dr, Suite 300
Fremont, CA 94538

soundthinking.com

<image002.png>

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