



Date: July 20, 2022

To: Wanda S. Page, City Manager
Through: Bo Ferguson, Deputy City Manager
From: Patrice Andrews, Chief of Police
Subject: ShotSpotter Kick Off update

On July 13, 2022, staff held the official kickoff for the ShotSpotter pilot. Internal stakeholders were joined virtually and in person by representatives from ShotSpotter. This first initial phase consists of the following:

- Identification of deployment (treatment area) and controlled area
- Sensor deployment
- Finalizing the service agreement between ShotSpotter and the City of Durham Police Department
- CAD Integration
- Police development
- Outreach

Identification of deployment area and controlled area

The deployment (treatment area) is 3 square miles and represents approximately 2.7% of the total land mass of the City of Durham. In addition, this geographic area makes up ¼ of all shots fired calls for service (CFS) and 1/3 of all incidents involving a gunshot wound.

The geographic boundaries are as follows:

- East Geer Street north connecting to Miami Boulevard
- Wellons Village
- West Briggs Avenue
- 147 to McDougald Terrace community west toward Southside Community
- Southside Community north to US70 business/Roxboro Road

Staff are working with the Wilson Center for Science and Justice on determining the controlled area that will provide the most appropriate comparison. A map of the deployment area is attached.

Sensor deployment

Sensor deployment will be arranged by ShotSpotter representatives. Prior to deploying, ShotSpotter representatives will visit locations within the deployment (treatment area) in order to gain permission to place sensors. The preliminary design 78 sensors (poles and commercial locations). For safety, the exact sensor location is confidential.

Finalizing the service agreement between ShotSpotter and DPD

ShotSpotter previously sent a service agreement for staff review. Attorney Russ reviewed the agreement at length and requested that several changes be made. ShotSpotter has been aware of those requested changes for several months. Representatives acknowledged receipt and will review the requested changes.

Computer Aided Dispatch (CAD) integration

Currently, ShotSpotter sends activations directly to officers via cellphone, MDT (mobile data terminals), etc. For purposes of the Durham deployment, sensor activations will be sent to Durham communications via Central Square. Communicators will then dispatch officers according to established “sound of shots” protocol. Staff will work closely with Durham Emergency Communications Center (DECC) on the separate implementation process for Central Square. This will also allow the City of Durham Police Department to be caretakers of the data and not having to seek the data from ShotSpotter. Central Square will cost an additional \$27,500 with an annual maintenance of approximately \$5,000.

Policy Development

The Professional Standards Division and Durham Police Department’s Accreditation manager have begun the process of developing the guiding policy. This policy will fully align with CALEA standards for accreditation. In addition, the following will be contained within the policy:

- Policy purpose
- Deployment area
- Response protocol
- Reporting protocol
- Evidence collection

The policy, like most of our policies, are considered a living document and will be subject to change as often as needed.

Outreach

Durham Police Department Public Affairs Unit (PAU) staff have developed and are ready to publish an interactive online portal for the purposes of transparent information dissemination to our entire community. This portal will provide a milestone meter leading up to the “Go Live’ in September, upcoming community forum dates and locations, contact information for staff involved in the ShotSpotter initiative, and an FAQ section. Once ShotSpotter has gone live, this portal will provide data relative to activations (how many, accuracy, findings), press releases, etc.

A series of several community meetings are currently being planned. Forum dates/times will be communicated via our ShotSpotter portal, social media platforms, City of Durham outreach tools, etc. Continuous ShotSpotter engagement will occur at all community events.

Our goal is to develop a brief media advisory to launch with the online portal no later than Monday, July 25, 2022.

Mr. Jason Schiess and Assistant Chief Jermaine Jackson have been designated as project managers for the ShotSpotter pilot.