

# Public Records Request #6327

The following materials have been gathered in response to public records request #6327. These materials include:

• Vision Zero Through A Traffic Safety Lens – Strategy Session – October 4, 2021

This information was provided as a response to a public records request on 10/5/21 and is current to that date. There is a possibility of more current information and/or documents related to the stated subject matter.

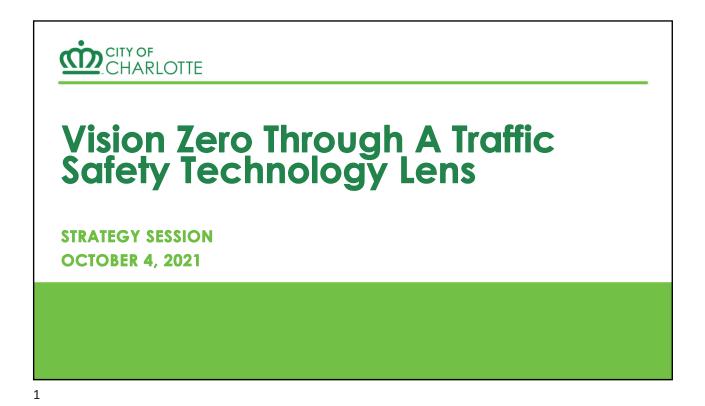
#### **Further Information**

For further information about this request or the Citywide Records Program, please contact:

Cheyenne Flotree Citywide Records Program Manager City of Charlotte/City Clerk's Office 600 East 4<sup>th</sup> Street, 7<sup>th</sup> Floor Charlotte, NC 28202 Cheyenne.Flotree@charlottenc.gov

Amelia Knight Public Records Specialist City of Charlotte/City Clerk's Office 600 East 4<sup>th</sup> Street, 7<sup>th</sup> Floor Charlotte, NC 28202 Amelia.Knight@charlottenc.gov





# Purpose

Review Charlotte's commitment to Vision Zero

Highlight Vision Zero traffic safety technology tools

Summarize Charlotte's automated enforcement programs in operation from 1998-2007

Review traffic safety questions from August 10, 2021 Safe Communities Committee

#### CITY of CHARLOTTE







# **Leading Pedestrian Interval**

Walk signal starts 3 seconds before a green light in same direction

Safety enhancement - the pedestrian has a head start to enter crosswalk

Deployed at 248 locations citywide



# Leading Pedestrian Interval "Plus" Enhancements

Signalized intersection Includes a flashing yellow arrow for right turn and blank-out sign "yield to peds"

Installed at 21 locations with a large right turn volume that coincides with pedestrian phase



# Pedestrian Rectangular Rapid Flashing Beacons

Installed with marked crosswalks

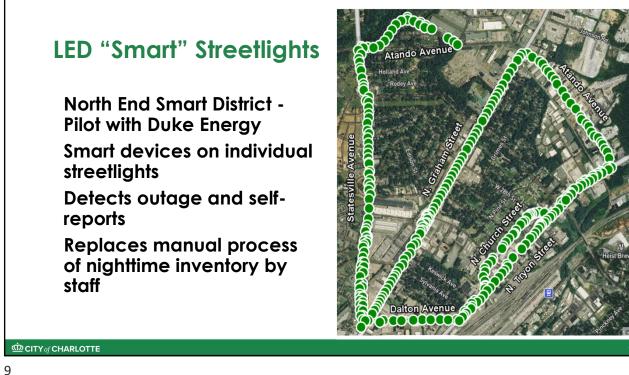
Includes rectangular rapid flashing lights – strobe effect

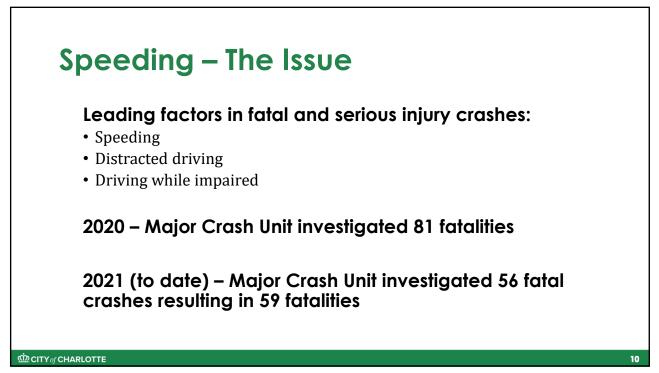
Alerts driver to presence of pedestrian in crosswalk Installed at 5 locations

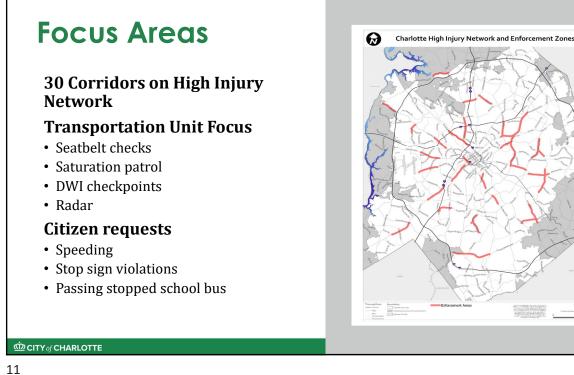


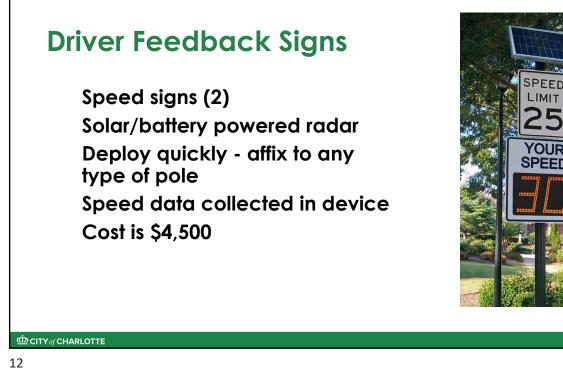
CITY of CHARLOTTE

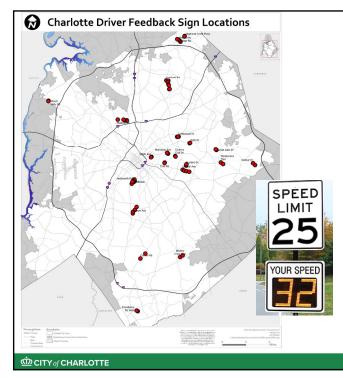
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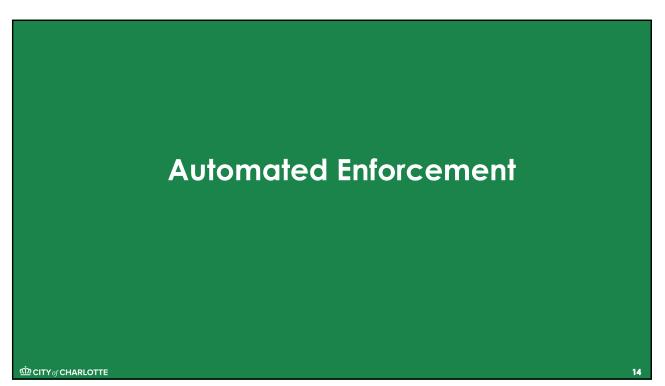
### Criteria for Installation

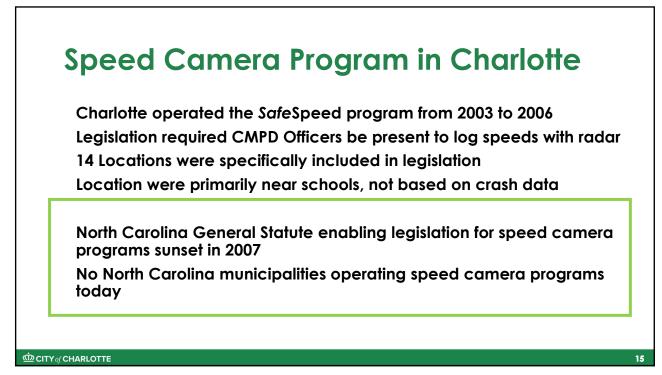
- 1. Documented speeds more than 10 mph over speed limit **and**
- 2. High injury Network location
- 3. Citizen requested and meets at least one criteria above

### **Program Details**

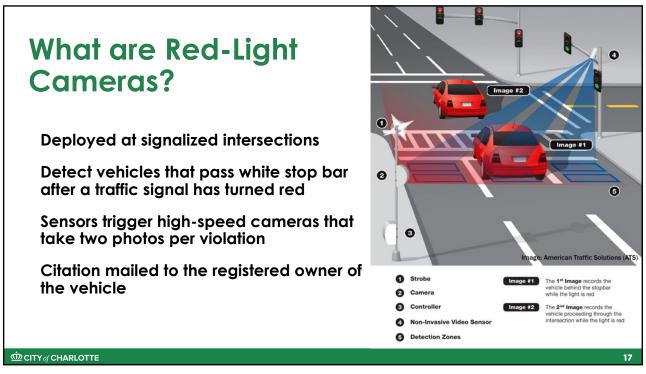
- Signs can be moved every few weeks to maximize safety benefits
- 15 signs part of rotation
- Speed data collected from signs

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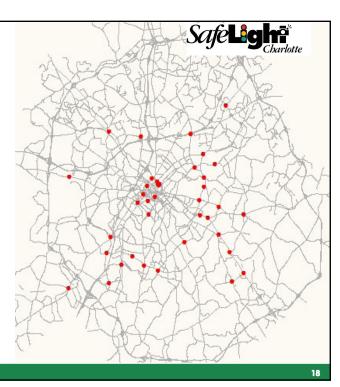
# Charlotte's SafeLight Program

## North Carolina General Statue enacted in 1997

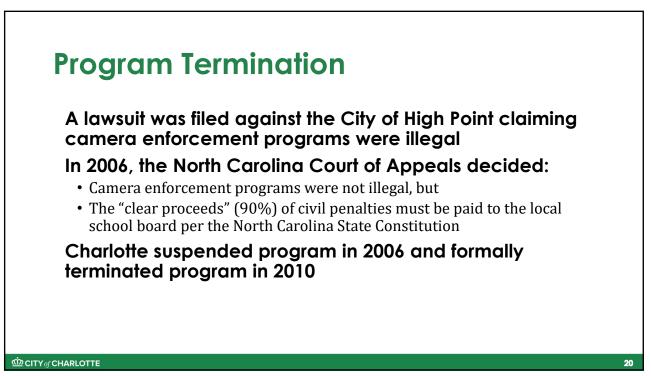
**§ 160A-300.1** Use of traffic control photographic

Charlotte began program in 1998

Expanded to 20 locations during program



Number of Crashes at All	Crash Type	3 years before 1995-1998	3 years during 1998-2001	3 years after 2006-2009
Approaches of Intersection	Angle	94	48	41
	Rear End	258	322	187
Number of Crashes at Camera Approach Only	Crash Type	3 years before 1995-1998	3 years during 1998-2001	3 years after 2006-2009
Number of Crashes at Camera Approach Only	or abii		during	



SafeSpeed		SafeLight		
2006 Revenues	\$1,480,000	2006 Revenues	\$1,300,000	
2006 Expenses	(\$1,195,000)	2006 Expenses	(\$ 910,000)	
2006 Expenses	(\$1,195,000)	2006 Expenses	(\$ 910,000]	



