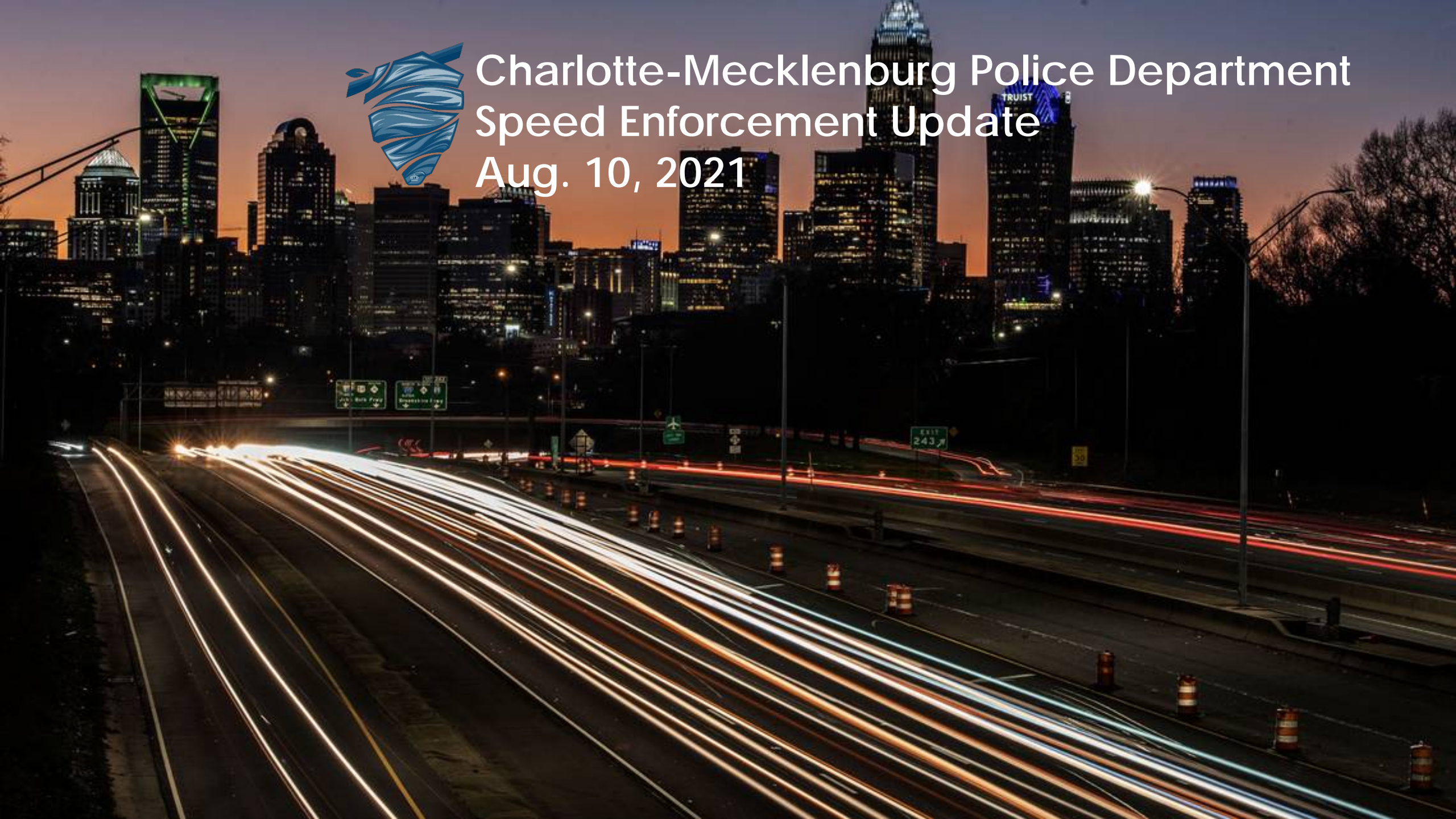




Charlotte-Mecklenburg Police Department Speed Enforcement Update Aug. 10, 2021



- Speed enforcement activity
- Technology
- Future state





SPEED ENFORCEMENT ACTIVITY

- Speeding, distracted driving and driving while impaired are some of the leading factors in crash fatalities and serious injury crashes in Mecklenburg County
- 2020 – Major Crash Unit investigated 81 fatalities
- 2021 to date – Major Crash Unit investigated 43 fatal crashes resulting in 45 fatalities

- Highways turned into raceways during pandemic
- More people returning to work, more danger on roads
- Enforcement and traffic violations did not stop
 - Mecklenburg County courts operated on limited basis; backlog of cases

- Transportation Unit focuses on high-injury networks (30) in Charlotte's Vision Zero Plan
 - Seat belt ops, saturation patrol, DWI checkpoints, radar
- Complaints drive enforcement strategies
 - Speed, stop sign violations, passing school bus, etc.
- Traffic enforcement used to combat violent crime

Thursday, May 20

- **Operation:** speed enforcement operation on I-485 in area of Mallard Creek Rd to Prosperity Ridge Rd.
- **Agencies:** CMPD Motorcycle Unit partnered with NC State Highway Patrol, MCSO, Huntersville PD and traffic officers from other CMPD divisions
- **Results:** 121 violations (80 for speeding)

Monday, May 24

- **Operation:** Border-to-Border operation on NC74 (Wilkinson Blvd.)
- **Agencies:** CMPD, MCSO, Belmont PD, Gastonia PD, Ranlo PD, Cramerton PD, Dallas PD, Gaston County PD and GCSO
- **Results:** 93 violations (51 for speeding)

Thursday, July 15

- **Operation:** Nighttime traffic saturation patrol along several high injury network corridors
- **Agencies:** CMPD's DWI Task Force, division officers, Matthews PD
- **Results:** 130 violations (64 for speeding)



TECHNOLOGY

Speed signs (2)

- Solar/battery powered radar
- Affixed to any pole
- Records drivers' speed throughout the day
- Cost is \$4,500



Speed Vans

- Used in the early 2000s
- N.C.G.S. 160A-300.4 enacted by state in 2003
- Pilot program specific to Charlotte to allow speed cameras (speed vans) to run from 2003 – 2006. Program expired after 2006.
- No current legislation exists to allow for use of speed cameras.

Speed Vans

Challenges include:

- Had to be manned by an officer (not solely technology based)
- Program had issues with fines going to company as opposed to school system
- Prosecution and fine issues

- Red-light cameras had similar issues
- Only cities in NC using red-light cameras including Raleigh, Fayetteville and Greenville
- No cities in NC using speed vans/cameras

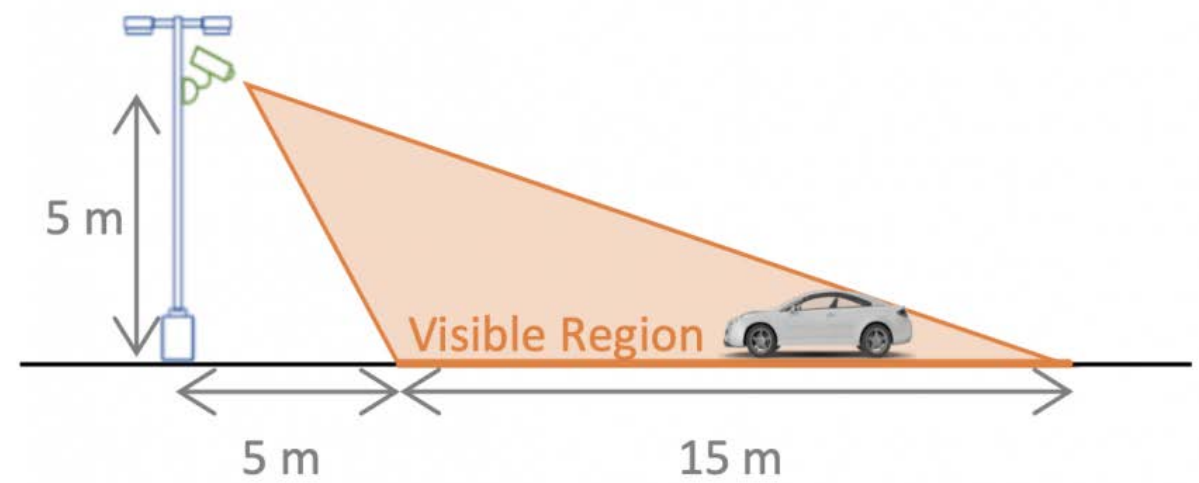
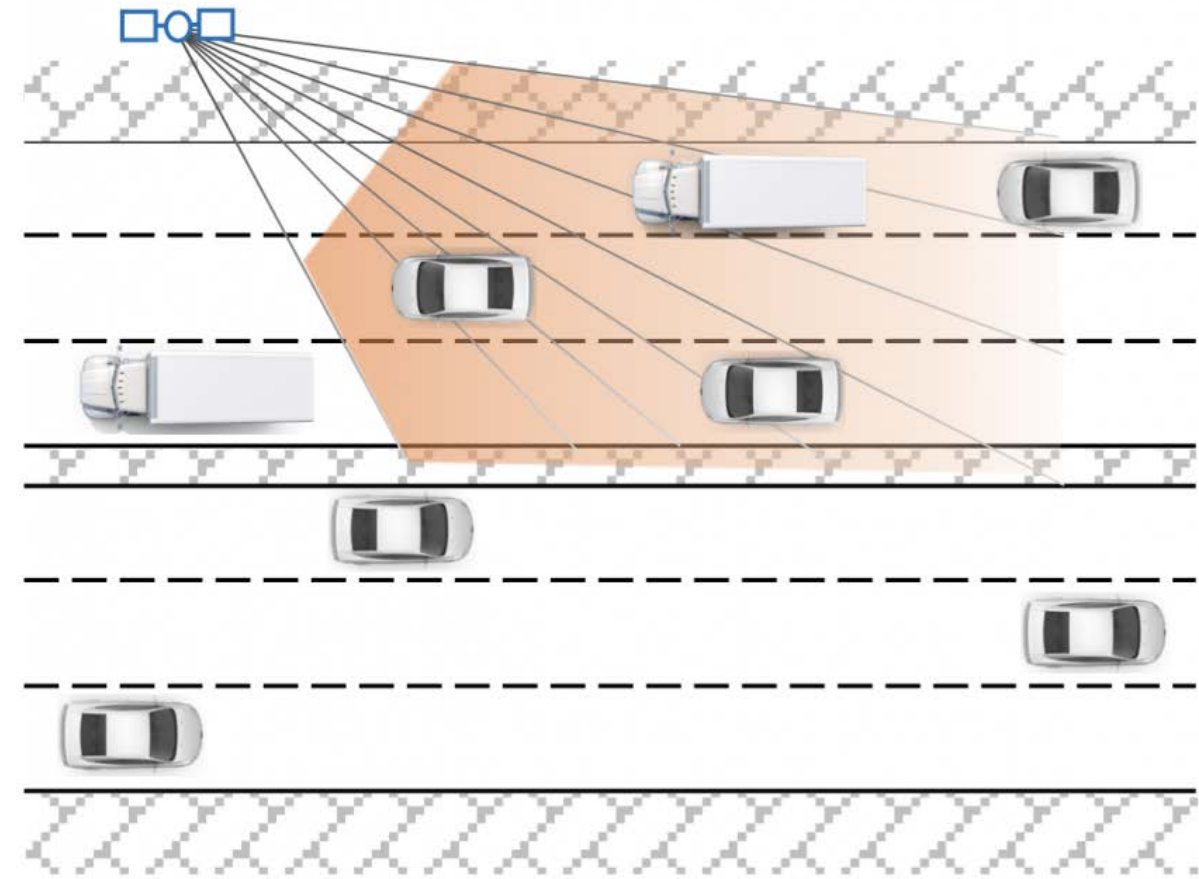


FUTURE STATE



USE OF AI

Artificial intelligence in traffic enforcement/management ---
CMPD has not found anyone using this technology yet
(ex. Hazen AI)





QUESTIONS?