

Traffic Calming

Council Work Session

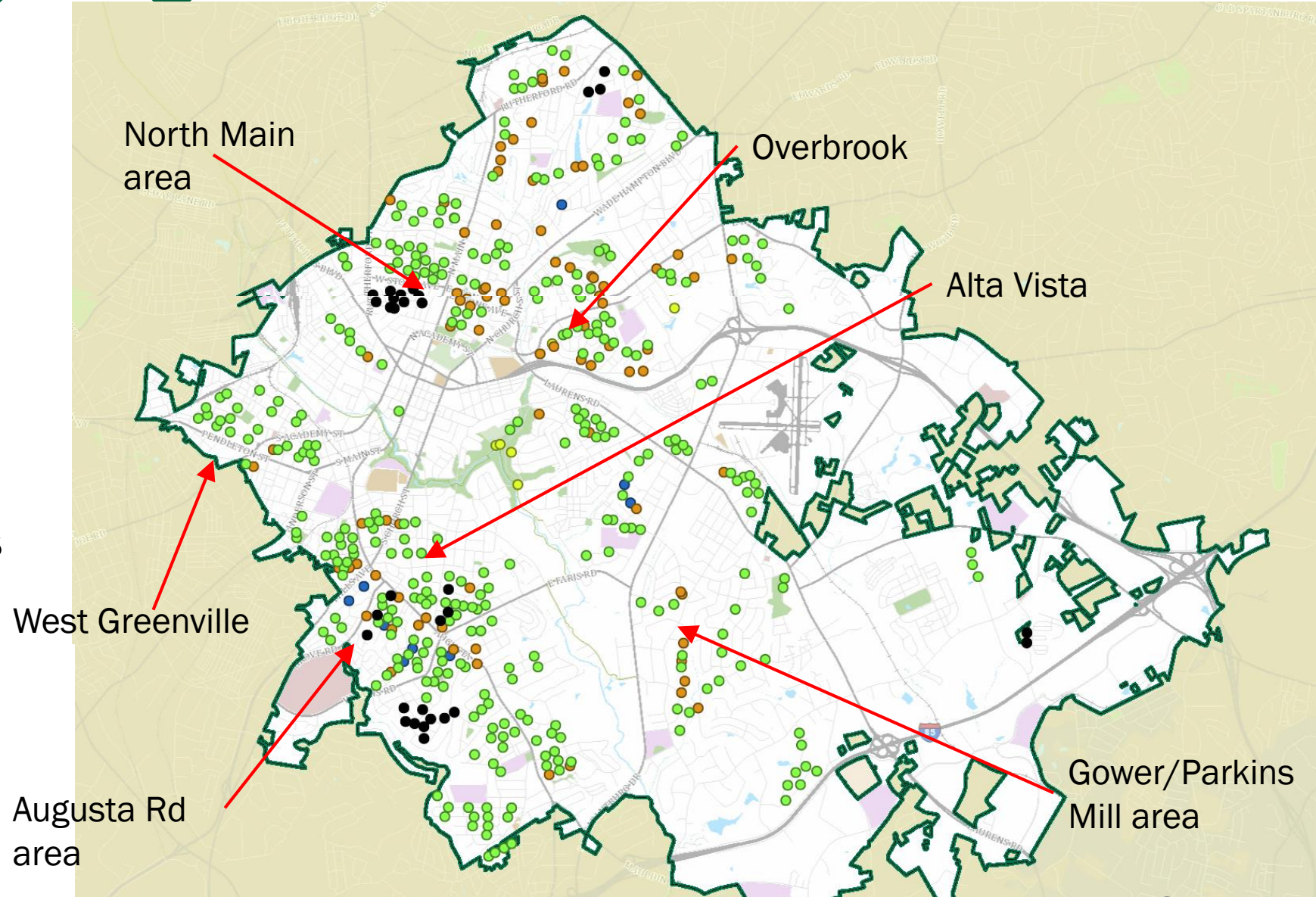
July 13, 2020



Traffic Calming Program

- Established in 1999
- Modified in 2003

- 356 speed humps
- 80 planted medians
- 9 traffic circles
- 6 speed cushions





Traffic Calming

Proposed FY 2020-2021 Budget - \$250,000

- **Materials Ordered**

- Hampton-Frank: 7 speed humps
- Hampton-Pinckney: 3 speed humps

- **Voted in, not yet ordered**

- Burdette St: 6 speed humps, 2 landscaped medians
- Brookdale Ave: Remaining 13 speed humps
- Total estimated cost \$160,000

- **Upcoming Traffic Calming Efforts**

- 6 study areas are currently developing plans
- 4 additional study areas are gathering signatures

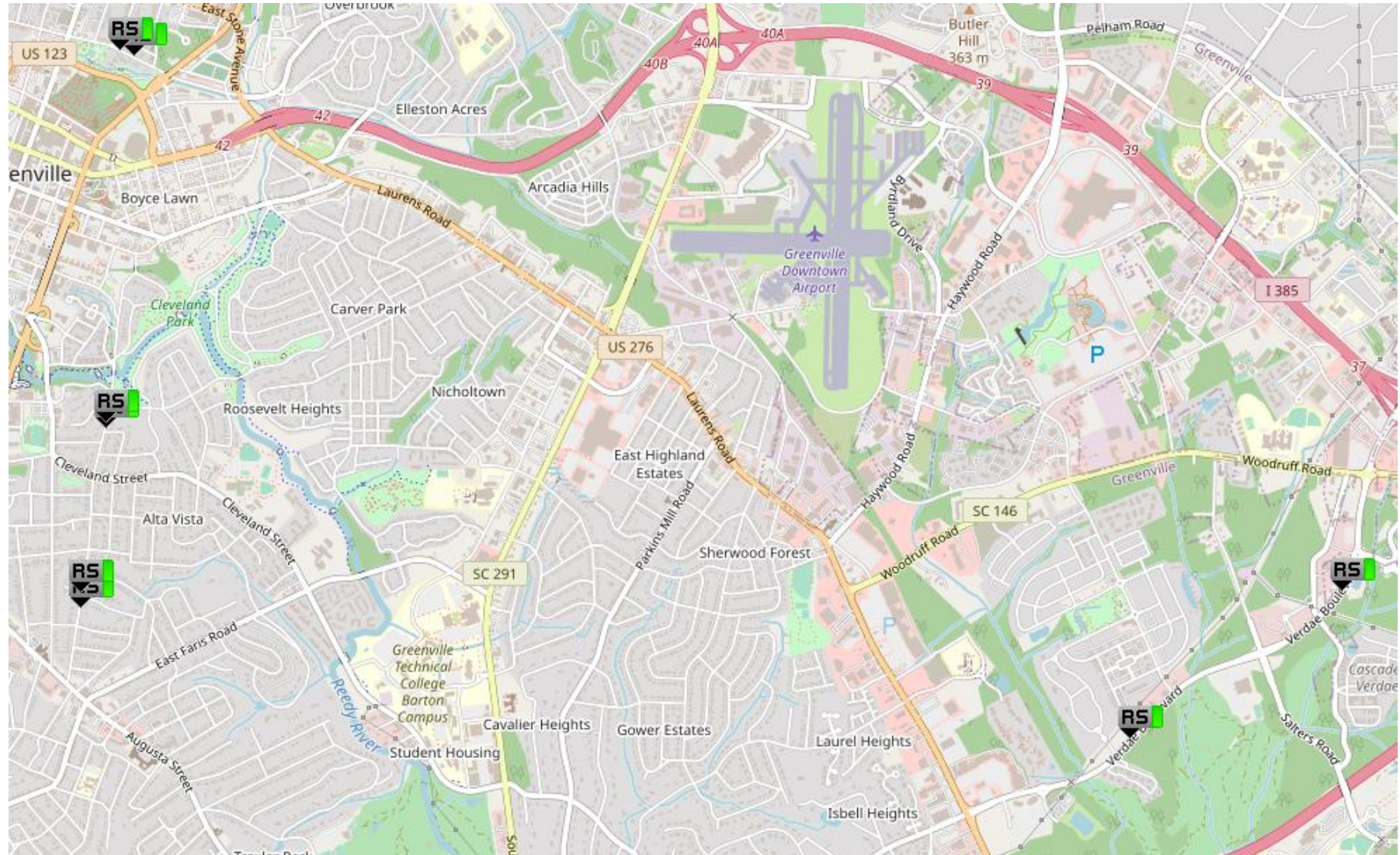
Traffic Calming Changes

- Remove options that modify or restrict access & circulation
 - Street closures
 - Lane Reductions
 - Diverters
- Increase wait time from 3 to 5 years for neighborhoods to revisit the process
- Formalize a process to remove an installed device
- Eliminate a street from consideration when enough devices preclude the addition of more
- Increase the maximum volume threshold to 2,500 vehicles per day



Radars Speed Limit Signs

- Verdae Boulevard
 - Near fire station
- E. Park Avenue
 - Near #204 & #217
- McDaniel Avenue
 - 200 block & 600 block





Radar Speed Limit Signs

Custom Report Build Wizard

Location: 18

Available Date Range For This Location:
03/10/2020 - 05/21/2020

Select date:

From: 05/01/2020 To: 06/07/2020

Enter A Title For Report: My Custom Report Intervals: Daily

Speed Segments:

Information Type: none Size: 5

Range: 10 - 55 mph

Speed Limit:
 Use speed limit from schedule
 Enter different speed limit

Build Report

Data collection types

% of Speed Violations
 % of Vehicles Respecting Limit
 % of Vehicles in Tolerated Range
 # of Vehicles Respecting Limit
 # of Vehicles Inside Tolerated Range
 # of Speed Violations
 50th Percentile Speed

Minimum Speed
 Maximum Speed
 Tolerated Speed
 Posted Speed Limit
 Average Speed
 Total Vehicles Count
 85th Percentile Speed

Select All

Date/Time	Total Vehicles Count	Average Speed (MPH)	85th Percentile Speed (MPH)
2019-12-19	3893	25	31
2019-12-20	4258	25	31
2019-12-21	3082	26	32
2019-12-22	2356	H 27	32
2019-12-23	3159	25	30
2019-12-24	3073	25	31
2019-12-25	1803	25	32
2019-12-26	2796	26	31
2019-12-27	3208	26	31
Summary	Sum:457968	Avg:24 mph	Avg:31 mph

85th Percentile Speeds

- E. Park Avenue
 - January 2018 - 39 mph
 - Since December 2019 - 32 mph
 - Reduction of **18%**
- McDaniel Avenue (600 block)
 - May 2018 - 42 mph
 - Since November 2019 - 36 mph
 - Reduction of **14%**
- McDaniel Avenue (200 block)
 - No “before” data available
 - Since November 2019 - 35 mph

Discussion

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city of
greenville