

# Spring 2018 ES Safety Infrastructure Survey Results

Summarized and Presented

ACTC, 9/5/18

# Summary of Results

- 35 intersections with at least 8 comments; these intersections affected walkability for 13 schools: Tuckahoe, Jamestown, Science Focus, Fleet, Henry, Reed, Taylor, Traditional, Discovery, Randolph, Barcroft, Barrett, and McKinley
- 751 total comments were submitted for these 35 intersections
  - 334 of these comments advocated for a new crossing guard
  - 169 advocated for the installation of a traffic light
  - 30-40 each advocated for a school zone sign, a pedestrian or hawk signal, or increased crossing time at an intersection

# Comments by category

- Few comments referred to sidewalk improvements, of the 751 comments at major intersections, only 29 advocated for sidewalk improvements
- Top two improvement recommendations account for more than two-thirds of all comments

Improvement	Total comments
Add crossing guard	334
Install traffic light	169
Add school zone sign	39
Increase crossing time	38
Add pedestrian signal	31
Enact traffic calming measures	25
Install new crosswalk	21
Improve crosswalk markings	17
Add stop sign	16
Lower wait time between crossing	11
Improve traffic enforcement	11

# Criteria for prioritization of infrastructure improvements

## 1. Number of comments

- *Perceived walkability of intersection*

## 2. Number of students whose walkability would be improved by an infrastructure improvement

- *Calculated as number of current attendees living Planning Units affected by infrastructure rec (all K5 students in PUs for Reed)*

## 3. Presence of county infrastructure project that improves walkability

- *Is there a planned or in-progress county project nearby?*

## 4. Number of crashes at location during school hours

- *Number of crashes that occurred in dawn and daylight on weekdays (2013-2017 VDOT data)*

# Data for priority intersections

Intersection	Survey Tot	School	PUs	Students K5	Crashes
LEE HWY & N SYCAMORE ST	149	Tuckahoe	2	79	21
N GLEBE RD & WILLIAMSBURG BLVD	73	Jamestown	4	72	3
WILLIAMSBURG BLVD & N TRINIDAD ST	72	Tuckahoe	3	62	0
KIRKWOOD RD & 13th ST N	54	Science Focus	3	122	7
WILLIAMSBURG BLVD & N UNDERWOOD ST	39	Tuckahoe	3	62	0
COLUMBIA PIKE & S WALTER REED DR	38	Fleet/Henry	2	73	17
PATRICK HENRY DR & 18th ST N	30	Reed	2	89	0
S GLEBE RD & 2nd ST S	27	Fleet/Henry	3	61	19
WASHINGTON BLVD & MCKINLEY RD	25	Reed	8	306	8
N GLEBE RD & N ALBEMARLE ST	23	Jamestown	3	29	3
KIRKWOOD RD & 17th ST N	20	Science Focus	3	122	2
MILITARY RD & NELLY CUSTIS DR	20	Taylor	1	13	0
COLUMBIA PIKE & S HIGHLAND ST	17	Fleet/Henry	2	73	6
N EDISON ST & 6th ST N	17	Traditional	0	0	0
N LEXINGTON ST & 18th ST N	16	Reed	4	246	1