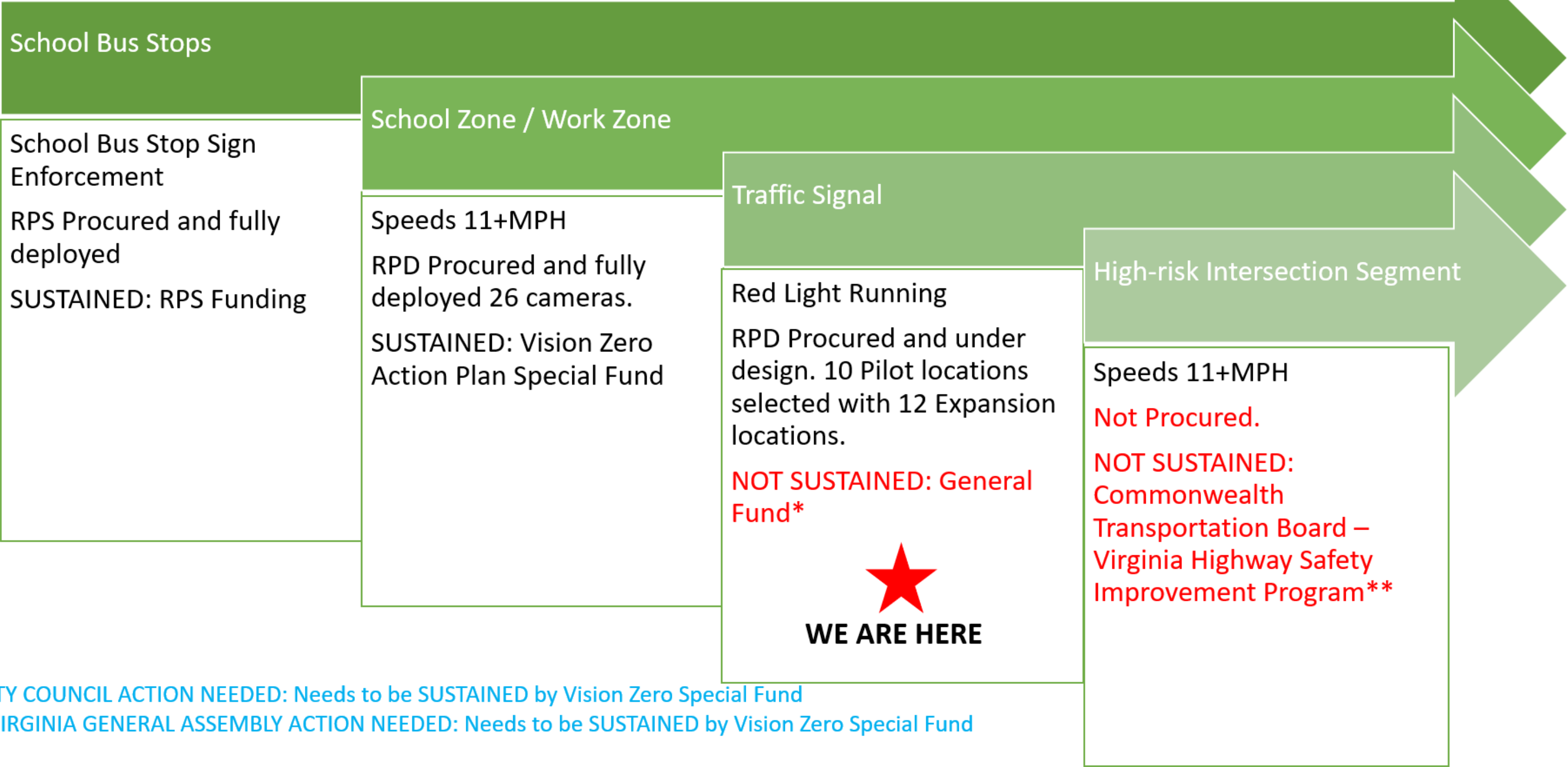




Citywide Safety Camera Program



*CITY COUNCIL ACTION NEEDED: Needs to be SUSTAINED by Vision Zero Special Fund
**VIRGINIA GENERAL ASSEMBLY ACTION NEEDED: Needs to be SUSTAINED by Vision Zero Special Fund

High Risk Intersection Segment (HRIS) – Safety Camera Program Study (Res # 2024-R041 HRIS Study Request)

State Code 46.2-882.1 – Use of Photo Speed monitoring devices in highway work zones, school crossing zones was expanded on July 1, 2024, enabling the City’s ability to enforce speed limits in a High Risk Intersection Segment (HRIS). HRIS is defined as a street located not more than 1000 feet from the limits of a school property that is a part of or adjacent to an intersection containing marked crosswalk and one traffic related fatality has occurred since 2014.

Study Results – Study complete. List of streets and schools (31) is included in the document.

Study Recommendation

1. City Council **proceed on taking action/vote on Res 2024-R041**. The administration has no position.
2. City Council **budget (\$864,000 annually)** to implement HRIS on **6 Schools on High Injury Network (HIN)** where School Zone (SZ) cameras are active.
 - Cost of HRIS cameras (**in addition to** active School Zone cameras) for **24/7** enforcement:
Estimated Vendor cost of equipment operation & maintenance - \$8,000/month/school (2 cameras/school at estimated \$4K/camera) X12 months = \$96,000/Yr X 6 Schools = **\$576,000/Yr**
Off Duty Sworn Police **Officers (4)** for HRIS 24/7 enforcement – \$72,000/officer/Yr X 4 = **\$288,000/Yr**
Total estimated HRIS Camera Prog annual cost for 6 Schools = \$864,000/Yr
3. Upon City Council budgeting, **RPD procure a separate contract** for HRIS Camera for a contract limit of \$5,000,000 for 5 years. **Actual cost of HRIS program** will be determined upon receiving bids from vendors.
(School Zone Camera active Contract limit of \$5million for 5 years is fiscally constrained for 26 active cameras (13 schools))
(Red Light Running Camera active Contract limit of \$5mil for 5 years is fiscally constrained for state code limited 22 intersections in the City)
4. City **Council delay action on HRIS camera program until the program can be sustained**. Presently, City needs to upfront \$864k/Yr/6 Schools while all revenues from citations will be deposited to State (CTB) for statewide HSIP (state safety program) allocation – **unsustain** program presently.

Next Step (HRIS)

1. City Council and the Administration to work with the Richmond **General Assembly** delegation to **amend the Code** of Virginia to allow HRIS Camera Program revenue to be collected by localities (not State) for the purpose of expending the revenue on cameras, camera maintenance, and the Vision Zero (VZ) program to ensure sustainability.
2. Alternately, Council Budget above mentioned amount for HRIS program and, subsequently, RPD procure a separate HRIS Camera program contract.

Additionally (other than HRIS):

1. Separate from HRIS; the City Council establish a separate Special Fund (SF) for active School Zone Camera program to appropriate revenue from this program and expend on this camera program and VZ initiatives – Adm is in the process of introducing a City Council Ord in summer 2025 to establish Special Funds.
2. Separate from HRIS; the City Council establish a separate Special Fund (SF) for Red Light Running Camera (RLRC) program to appropriate revenue from RLRC program and expend on this camera program and VZ initiative for this program to sustain. Presently, city code only allows revenue from RLRC Prog to be deposited to General Fund – not sustained.

Complete List of High-Risk Intersection Segment Locations (Res # 2024-R041) – City of Richmond, VA

Street Segment	From	To	High Injury Network?	School Zone?	Flashers?	School
Chamberlayne Avenue	Laburnum Avenue	North Avenue	Yes	Yes	Yes	Frances W. McClenney Elementary School
Forest Hill Avenue	Kenmore Road	Richmond City Limit	Yes	Yes	Yes	Huguenot High School
Hull Street	Hey Road	Richmond City Limit	Yes	Yes	Yes	River City Middle School
Jahnke Road	German School Road	Newell Road	Yes	Yes	Yes	Lucille M. Brown Middle School
Jahnke Road	Oakhurst Lane	Irby Drive	Yes	Yes	Yes	Elizabeth D. Redd Elementary School
Midlothian Turnpike	30th Street	34th Street	Yes	Yes	Yes	Swansboro Elementary School
Midlothian Turnpike	Roanoke Street	Belt Boulevard	Yes	Yes	Yes	Richmond High School for the Arts
Main Street	Plum Street	Meadow Street	Yes	Yes	No	Dogwood Middle School
Maury Street	10th Street	16th Street	Yes	Yes	No	J.H. Blackwell Elementary School / Pre-school
Belvidere Street	Spring Street	2nd Street	Yes	No	No	Open High School
Broad Rock Boulevard	Cooks Road	Belt Boulevard	Yes	No	No	Cardinal Elementary School
Broad Rock Boulevard	Welford Avenue	Haworth Road	Yes	No	No	Broad Rock Elementary School
Broad Rock Road	Hull Street	Midlothian Turnpike	Yes	No	No	Swansboro Elementary School
Broad Street	Sauer Avenue	Lafayette Street	Yes	No	No	Thomas Jefferson High School
Chamberlayne Avenue	Watkins Street	Westminister Avenue	Yes	No	No	Thomas H. Henderson Middle School
Coalter Street / Little Page / Fairmount Avenue	21st Street	Coalter Street	Yes	No	No	Martin Luther King, Jr. Preschool / Middle School
Fairfield Avenue	21st Street	Richmond City Limit	Yes	No	No	Fairfield Court Elementary School
Fairfield Avenue	21st Street	Richmond City Limit	Yes	No	No	Woodville Elementary School
Midlothian Turnpike	Carnation Street	Labrook Concourse	Yes	No	No	Miles J. Jones Elementary School
Richmond Highway	Mimosa Street	Wright Avenue / Cofer Road	Yes	No	No	Oak Grove-Bellemeade Elementary School
Richmond Highway	Ruffin Road	Bells Road	Yes	No	No	Summer Hill Preschool
Robinson Street	Grove Avenue	Kensington Avenue	Yes	No	No	William Fox Elementary School (Closed)
Walmsley Boulevard	Susan Drive / Old Hopkins Road	Branchwood Drive	Yes	No	No	Thomas C. Boushall Middle School
Grove Avenue	E Lock Lane	Sauer Avenue	No	Yes	Yes	Mary Munford Elementary School
18th Street	Oliver Hill Way	Venable Street~	No	No	No	Martin Luther King, Jr. Preschool / Middle School
Chamberlayne Parkway	Baker Street	Leigh Street	No	No	No	Richmond Alternative School
Crutchfield Road	Roanoke Street	Westover Hills Boulevard	No	No	No	Richmond High School for the Arts
Lombardy Street	Hanover Avenue	Cary Street	No	No	No	Dogwood Middle School
Orcutt Lane	Mandy Lane	Broad Rock Boulevard	No	No	No	Broad Rock Elementary School
Orcutt Lane	Titus Street	Powell Road	No	No	No	J.L. Francis Elementary School
Richmond Henrico Turnpike	Dove Street	Fourquean Lane	No	No	No	Overby-Sheppard Elementary School

- **GREEN** - The street segments in green *currently have a safety camera operating during school hours* (4 hours per school day). While **eligible for enforcement 24/7**, the **extra costs outside of school hours are not covered by the program** as all proceeds must be given to the Commonwealth Transportation Board.
- **YELLOW** - The street in yellow ***does not have a safety camera installed*** and it is within a school zone with school zone flashers. This school is covered by two other schools with existing safety cameras. Safety cameras **would have to be removed** from other locations to cover this street.
- **ORANGE** - The streets in orange ***do not have a safety camera installed and it is within a school zone with no school zone flashers***. School zone flashers are only used when there is a drop in speed limits during school arrival and dismissal times (e.g. 35MPH posted speed limit drops with flashers operational to 25MPH). These streets are posted at 25MPH all the time and not eligible under the school zone provision of the Code of Virginia. It is only covered by the high-risk intersection provision. While eligible for enforcement 24/7, the **costs are not covered by the program** as all proceeds must be given to the Commonwealth Transportation Board. In addition, there is **no active current procurement** that allows for this installation without removing safety cameras from existing locations.
- **RED** - The streets in red ***are not school zones and these streets do not have school flashers***. They are only eligible through the high-risk intersection segment portion of the Code of Virginia. Out of the 23 streets, 9 are **not on the high injury street network**. While eligible for enforcement 24/7, **the costs are not covered by the program** as all proceeds must be given to the Commonwealth Transportation Board. This **does not have a sustainable funding source** and funds would be needed from the general fund. In addition, there is **no active current procurement** that allows for this installation.

The street segments in **GREEN** currently have a safety camera operating during school hours (4 hours per school day). While eligible for enforcement 24/7, the extra costs outside of school hours are not covered by the program as all proceeds must be given to the Commonwealth Transportation Board.

Street Segment	From	To	High Injury Network?	School Zone?	Flashers?	School
Chamberlayne Avenue	Laburnum Avenue	North Avenue	Yes	Yes	Yes	Frances W. McClenney Elementary School
Forest Hill Avenue	Kenmore Road	Richmond City Limit	Yes	Yes	Yes	Huguenot High School
Hull Street	Hey Road	Richmond City Limit	Yes	Yes	Yes	River City Middle School
Jahnke Road	German School Road	Newell Road	Yes	Yes	Yes	Lucille M. Brown Middle School
Midlothian Turnpike	30th Street	34th Street	Yes	Yes	Yes	Swansboro Elementary School
Midlothian Turnpike	Roanoke Street	Belt Boulevard	Yes	Yes	Yes	Richmond High School for the Arts
Grove Avenue	E Lock Lane	Sauer Avenue	No	Yes	Yes	Mary Munford Elementary School

The street in **yellow** does not have a safety camera installed and it is within a school zone with school zone flashers. This school is covered by two other schools with existing safety cameras. Safety cameras **would have to be removed** from other locations to cover this street.

Street Segment	From	To	High Injury Network?	School Zone?	Flashers?	School
Jahnke Road	Oakhurst Lane	Irby Drive	Yes	Yes	Yes	Elizabeth D. Redd Elementary School

The streets in **orange** do not have a safety camera installed and are within a school zone with no school zone flashers. School zone flashers are only used when there is a drop in speed limits during school arrival and dismissal times (e.g. 35MPH posted speed limit drops with flashers operational to 25MPH). These streets are posted at 25MPH all the time and not eligible under the school zone provision of the Code of Virginia. It is only covered by the high-risk intersection provision. While eligible for enforcement 24/7, the **costs are not covered by the program** as all proceeds must be given to the Commonwealth Transportation Board. In addition, there is **no active current procurement** that allows for this installation without removing safety cameras from existing locations.

Street Segment	From	To	High Injury Network?	School Zone?	Flashers?	School
Main Street	Plum Street	Meadow Street	Yes	Yes	No	Dogwood Middle School
Maury Street	10th Street	16th Street	Yes	Yes	No	J.H. Blackwell Elementary School / Pre-school

The streets in **red** **are not school zones** and these streets do not have school flashers. They are only eligible through the high-risk intersection segment portion of the Code of Virginia. Out of the 23 streets, 9 are **not on the high injury street network**. While eligible for enforcement 24/7, **the costs are not covered by the program** as all proceeds must be given to the Commonwealth Transportation Board. This **does not have a sustainable funding source** and funds would be needed from the general fund. In addition, there is **no active current procurement** that allows for this installation.

Street Segment	From	To	High Injury Network?	School Zone?	Flashers?	School
Belvidere Street	Spring Street	2nd Street	Yes	No	No	Open High School
Broad Rock Boulevard	Cooks Road	Belt Boulevard	Yes	No	No	Cardinal Elementary School
Broad Rock Boulevard	Welford Avenue	Haworth Road	Yes	No	No	Broad Rock Elementary School
Broad Rock Road	Hull Street	Midlothian Turnpike	Yes	No	No	Swansboro Elementary School
Broad Street	Sauer Avenue	Lafayette Street	Yes	No	No	Thomas Jefferson High School
Chamberlayne Avenue	Watkins Street	Westminister Avenue	Yes	No	No	Thomas H. Henderson Middle School
Coalter Street / Little Page / Fairmount Avenue	21st Street	Coalter Street	Yes	No	No	Martin Luther King, Jr. Preschool / Middle School
Fairfield Avenue	21st Street	Richmond City Limit	Yes	No	No	Fairfield Court Elementary School
Fairfield Avenue	21st Street	Richmond City Limit	Yes	No	No	Woodville Elementary School
Midlothian Turnpike	Carnation Street	Labrook Concourse	Yes	No	No	Miles J. Jones Elementary School
Richmond Highway	Mimosa Street	Wright Avenue / Cofer Road	Yes	No	No	Oak Grove-Bellemeade Elementary School
Richmond Highway	Ruffin Road	Bells Road	Yes	No	No	Summer Hill Preschool
Robinson Street	Grove Avenue	Kensington Avenue	Yes	No	No	William Fox Elementary School (Closed)
Walmsley Boulevard	Susan Drive / Old Hopkins Road	Branchwood Drive	Yes	No	No	Thomas C. Boushall Middle School
18th Street	Oliver Hill Way	Venable Street~	No	No	No	Martin Luther King, Jr. Preschool / Middle School
Chamberlayne Parkway	Baker Street	Leigh Street	No	No	No	Richmond Alternative School
Crutchfield Road	Roanoke Street	Westover Hills Boulevard	No	No	No	Richmond High School for the Arts
Lombardy Street	Hanover Avenue	Cary Street	No	No	No	Dogwood Middle School
Orcutt Lane	Mandy Lane	Broad Rock Boulevard	No	No	No	Broad Rock Elementary School
Orcutt Lane	Titus Street	Powell Road	No	No	No	J.L. Francis Elementary School
Richmond Henrico Turnpike	Dove Street	Fourquean Lane	No	No	No	Overby-Sheppard Elementary School