

APPENDIX E: SECTION 130 PROGRAM – MAJOR PROJECTS



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The Highway Safety Improvement Program, also known as the Section 130 program, is administered by the Virginia Department of Transportation and goes towards improvement of railroad grade crossings. A list of major projects funded under the Section 130 program is below in **Table E-1**.

Table E-1: Section 130 Program Major Projects in Virginia between FY 2015 and FY 2023

| Location | Railroad/ Crossing ID | Recommended Improvements |
|---|--------------------------|--|
| Augusta County State Route 687 | BBRR/224797B | Upgrade Existing Flashing Lights and Gates and add CWT Predictors – estimated cost \$260,000 |
| Buckingham County State Route 675 | BBRR/224204G | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Buckingham County State Route 671 | BBRR/224206V | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Charlotte County State Route 15 | BBRR/714096R | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Charlottesville 2nd Street | BBRR/224667E | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Charlottesville 5th Street | BBRR/224671U | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Charlottesville 11th Street | BBRR/224674P | Upgrade Existing Flashing Lights and Gates with CWT Predictors– estimated cost \$260,000 |
| Frederick County State Route 671 | WWRR/517960G | Install New 4x6 Control Box with Circuitry and New LED Flashing Lights and Gates– estimated cost \$235,000 |
| Frederick County State Route 621 | WWRR/868163J | Install New 4x6 Control Box with Circuitry and reuse LED Flashing Lights– estimated cost \$160,000 |
| Frederick County State Route 684 | WWRR/312306S | Install New 4x6 Control Box with Circuitry and New LED Flashing Lights and Gates– estimated cost \$105,000 |
| Frederick County State Route 620 | WWRR/868178Y | Install New 4x6 Control Box with Circuitry and reuse Cantilever LED Flashing Lights– estimated cost \$80,000 |



| Location | Railroad/ Crossing ID | Recommended Improvements |
|---|--------------------------|--|
| Hanover County State Route 654 | BBRR/224981N | Upgrade Existing Flashing Lights and Gates with CWT Predictors– estimated cost \$260,000 |
| Hanover County State Route 54 | BBRR/224991U | Install Advanced Flashers on each approach– estimated cost \$35,000 |
| Louisa County State Route 636 | BBRR/225085D | Upgrade Existing Flashing Lights and Gates and add CWT Predictors– estimated cost \$260,000 |
| Orange County State Route 718 | BBRR/225176J | Install Axle counting/wheel sensor technology for warning device activation– estimated cost \$170,000 |
| Orange County State Route 647 | BBRR/225185H | Install Axle counting/wheel sensor technology for warning device activation– estimated cost \$170,000 |
| Orange County State Route 690 | BBRR/225172G | Install Axle counting/wheel sensor technology for warning device activation– estimated cost \$170,000 |
| Orange County State Route 639 | BBRR/225178X | Install Axle counting/wheel sensor technology for warning device activation– estimated cost \$170,000 |
| Orange County State Route 647 | BBRR/225182M | Install Axle counting/wheel sensor technology for warning device activation– estimated cost \$150,000 |
| Orange County State Route 1004 | BBRR/225171A | Install Wheel Sensors Technology for Warning Device Activation– estimated cost \$150,000 |
| Wythe County State Route 802 | NSRR/951750K | Upgrade Existing Flashing Lights and Gates – estimated cost \$325,000 |
| Louisa County State Route 623 | BBRR/225064K | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Louisa County State Route 625 | BBRR/225067F | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Louisa County State Route 628 | BBRR/225069U | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Chesapeake County | NPBRR/856075P | Install concrete crossing surface – estimated cost \$210,000 |



| Location | Railroad/ Crossing ID | Recommended Improvements |
|---------------------------------|--------------------------|---|
| Poindexter Street | | |
| Portsmouth Woodrow Street | NPBRR/856091Y | Install concrete crossing surface – estimated cost \$110,000 |
| Hampton Lasalle Avenue | CSXRR/224860R | Upgrade Existing Flashing Lights and Gates – estimated cost \$260,000 |
| Hampton Powhatan Parkway | CSXRR/228395H | Upgrade Existing Flashing Lights and Gates – estimated cost \$260,000 |
| Hampton Aberdeen Road | CSXRR/224884E | Upgrade Existing Flashing Lights and Gates – estimated cost \$260,000 |
| Suffolk Nansemond Parkway | Not applicable | New overpass construction of roadway over existing tracks – estimated cost \$25,723,000 |
| Richmond Hopkins Road | CSXRR/623635A | Install concrete crossing surface – estimated cost \$440,000 |
| Ashland Francis Street | CSXRR/860450U | Upgrade Existing Flashing Lights and Gates – estimated cost \$295,000 |
| Ashland Myrtle Street | CSXRR/860454W | Upgrade Existing Flashing Lights and Gates – estimated cost \$382,000 |
| Ashland West Patrick Street | CSXRR/860512P | Upgrade Existing Flashing Lights and Gates – estimated cost \$382,000 |
| Ashland College Avenue | CSXRR/860462N | Upgrade Existing Flashing Lights and Gates – estimated cost \$408,000 |
| Ashland Route 54 | CSXRR/860459F | Upgrade Existing Flashing Lights and Gates – estimated cost \$382,000 |
| Hanover County Route 601 | BBRR/225022Y | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Hanover County Route 623 | CSXRR/86043J | Install Cantilever in the southwest quadrant – estimated cost \$125,000 |



| Location | Railroad/ Crossing ID | Recommended Improvements |
|---|--------------------------|---|
| Hanover County Route 688 | BBRR/225003U | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$262,000 |
| Hanover County Route 695 | BBRR/224985R | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Hanover County Route 1250 | BBRR/228389E | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Shenandoah County Route 55 | CSXRR/139483X | Upgrade Existing Flashing Lights and Gates – estimated cost \$230,000 |
| Alleghany County Route 639 | BBRR/224832M | Upgrade Existing Flashing Lights and Gates with CWT Predictors – estimated cost \$260,000 |
| Frederick County Route 661 | WWRR/517975W | Install new control house and track redundant detector – estimated cost \$206,000 |
| Frederick County Route 661 | WWRR/517963C | Upgrade cabinet, circuitry and raise cantilever – estimated cost \$100,000 |
| Frederick County Route 672 | WWRR/517963C | Realign curve, raise road, and install concrete surface – estimated cost \$260,000 |

Source: VDOT

