

CEDAR GROVE BRIDGE CLOSURE
“REQUIRED TRANSPORTATION NETWORK IMPROVEMENTS
FOR
RELIABLE & SAFE FREIGHT MOVEMENT”

LOCATION ID	ROAD NAME	PROJECT DESCRIPTION	OPINION OF COST (Eng. & Const.)	COMMENTS
A	Henrico @ Moreland	Observation of traffic conditions and coordination with RTOP engineers to minimize delays as necessary	\$1500	Signal timing adjusted with GDOT commenced June 2020 to provide additional green time to Henrico. Continue communication with GDOT TMC to monitor freight traffic
B	Henrico Road	Spot shoulder reconstruction where roadway alignment changes – pavement drop-off’s exist	\$30,000	<ul style="list-style-type: none"> Hazardous material transport exists which requires safe roadways
C	Henrico @ Bonsal	Radius Improvements – 45-50 ft. radii	\$35,000	Grading, Class B concrete, 4 inches 19mm & 2 inches 12.5mm
D	Bonsal	Mill & Resurface Roadway due to condition of the roadway	\$145,000	3200 feet; mill 2 inches and inlay 2 inches 12.5
E	Bonsal Norfolk Southern Service Line Crossing	Increase Bonsal Road elevation to match RR crossing elevation and install concrete track panel to correct significant irregularities with track surface and poor ride surface	\$391,000	<ul style="list-style-type: none"> Existing drainage issues exist with adjoining property owner – correct with crossing improvement Encroachment permit with Norfolk Southern or property owners? TBD 500 feet (250 feet both approaches) – add 6-8 inches AC and reconstruct shoulders and curb line
F	Bonsal @ Cedar Grove	Radius Improvements – 45-50 ft. radii	\$35,000	<ul style="list-style-type: none"> Temporary change in traffic control – replace Bonsal stop sign with yield sign Improve radii to 45-50 ft.
G	Cedar Grove @ Bowman Industrial Ct	Radius Improvements – 45-50 ft. radii	\$23,000	<ul style="list-style-type: none"> 8 inches Class B, 6 inches 12.5 mm SW Corner only
Project Wide Truck Classification 24 HR Counts	Henrico/Bonsal/Cedar Grove	Quarterly truck classification counts until bridge re-opens	\$5,000	Classification Counts
TOTAL			\$665,500	



A

B

C

E

D

G

F

CEDAR GROVE BRIDGE CLOSURE
"Improvements to Impacted Road Network"

160

42

675