



## **Last Night's Evergreen Mills & Watson Road Safety & Operational Study Update**

Aug 1, 2018

Thanks to the many residents who attended last night's community meeting for the latest update regarding Loudoun's ongoing Safety & Operational Study for the Evergreen Mills and Watson Road corridors.



Upon conclusion of the presentation residents raised several key issues that will be further reviewed as the study continues.

Attendees were advised of the Board's continued effort to quickly fund and implement much needed immediate, short and long-term safety improvements.

While the Study is ongoing (60% complete), I made a Motion at the July 19 Board Meeting to expedite funding consideration of \$1.2

million for the below listed immediate and short-term safety improvements as part of this years Fund Balance discussion as opposed to next years Capital Improvement Program discussion. That Motion was unanimously supported by my colleagues and - if funded - will greatly accelerate implementation of these immediate and short-term improvements.

Note: these are only initial improvements that have been identified to this point in the Study. There will be additional mid and long-term improvements identified as the Study moves forward toward completion.

It is my goal to fund and implement all of these improvements as soon as possible!

Hot Spot Number	Name	Recommended Improvement(s)	Estimated Cost <sup>4</sup>
<b>Immediate-Term (0-6 Months)</b>			
4	Evergreen Mills Road and Belmont Ridge Road / Briarfield Lane	VDOT intersection improvements <sup>1</sup>	See Footnote 1
Corridor-wide	Watson Road	Install centerline snowplowable raised pavement markers (SRPMs) <sup>2</sup>	See Footnote 2
<b>Short-Term (7-10 Months)</b>			
Southeast Zone	Evergreen Mills Road between Stone Springs Boulevard and Trade West Drive	Stripe wide edge lines	\$62,000
3	Evergreen Mills Road and Stone Springs Boulevard	Install roadside street name signs	\$30,000
		Install retroreflective tape on bollards	
		Install additional pavement markings ("puppy tracks" through intersection and wider edge lines)	
Hot Spot Number	Name	Recommended Improvement(s)	Estimated Cost <sup>4</sup>
		Install high-visibility signal backplates (HVSBs)	\$17,000
		Install advance warning beacon - dependent on timing for County right-turn lane project	
4	Evergreen Mills Road and Belmont Ridge Road/Briarfield Lane	Install "No Merge Area" plaque	
		Install "shark tooth" yield line for channelized right-turn	\$15,000
		Install high-visibility signal backplates (HVSB)	
		Install missing signal head visors for the eastbound red LED indication and southbound green LED indication	
		Relocate advance signalized intersection warning sign further in advance for eastbound approach	
		Assess location of northbound stop bar to potentially enhance sight distance	
5	Evergreen Mills Road and Ryan Road / Red Hill Road	Install high-visibility signal backplates (HVSB)	\$86,000
		Relocate advance signalized intersection warning signs further in advance for eastbound and westbound approaches	
6	Evergreen Mills Road and Watson Road	Install retroreflective material on top of the guardrail	\$86,000
		Install wider edge line pavement markings	
		Install additional stop sign for the northbound approach	
		Install pole mounted speed display signs (PMSDs) <sup>2</sup>	
		Install intersection conflict warning system (ICWS) <sup>1</sup>	
7	Evergreen Mills Road and Red Cedar Drive / Crimson Place	Install pole mounted speed display signs (PMSDs) <sup>2</sup>	See Footnote 2
9	Evergreen Mills Road and Evergreen SportsPlex	Install advance intersection warning sign for westbound approach	\$750

10	Watson Road and Red Hill Road	Install retroreflective delineators around curve	\$49,000
		Install pole mounted speed display signs (PMSDs) <sup>2</sup>	
		Install horizontal alignment chevrons for northbound and southbound approaches	
		Relocate curve warning sign further upstream	
		Add supplemental plaque for intersection warning sign with road name on it	
		Tree trimming/removal of vegetation	
Hot Spot Number	Name	Recommended Improvement(s)	Estimated Cost <sup>4</sup>
		Replace and relocate flood warning sign in the southbound direction	
		Relocate/consolidate signage to reduce sign clutter in the northbound direction	
Corridor-wide	Evergreen Mills Road	Install pole mounted speed display signs (PMSDs) <sup>2</sup>	\$156,000
		Chevron horizontal alignment sign selection – specific curves where warranted	
		Replace flex post delineators at Shreveport Drive due to loss of fluorescents or accommodate no left-turn restriction in another manner	
		One-time tree trimming/removal of vegetation at identified locations	
		Higher priority guardrail terminal replacements <sup>1</sup>	
Corridor-wide	Watson Road	Install retroreflective post delineators (at specific locations along the corridor, if edge lines are not implemented)	\$116,000
		Install pole mounted speed display signs (PMSDs) <sup>2</sup>	
		One-time tree trimming/removal of vegetation at identified locations	
		Chevron horizontal alignment sign selection – specific curves where warranted	
		Higher priority guardrail terminal replacements <sup>1</sup>	
Corridor-Wide	Systemic Countermeasures <sup>3</sup>	May include, but are not limited to:	\$600,000
		Changes in traffic signal phasing or timing	
		Advance warning flashing beacons	
		Signage	
		Sight distance improvements	
		Other measures similar in nature	
Contingency			\$68,250

<sup>1</sup> VDOT-funded, and not included in the \$600,000 cost estimate.

<sup>2</sup> These County improvements were already approved by the Board and are not included in the \$600,000 estimate.

<sup>3</sup> The corridor-wide Systemic Countermeasures may extend beyond the 10 month implementation period.

<sup>4</sup> Estimated cost includes Construction Engineering and Inspection (CEI) and Preliminary Engineering (PE) costs

More information regarding the ongoing Study can be found [here](#). Residents wishing to email county Staff regarding the Study can do so [here](#).



### Community Outreach

- Monthly project updates on website  
<https://www.loudoun.gov/route621>
- Responding to citizen inquiries through project email address  
[EMR@loudoun.gov](mailto:EMR@loudoun.gov)
- Open house community meeting on July 31, 2018



### Other Non-Study Related Improvements

Additional non-Study related improvement updates regarding projects I've been working on for Blue Ridge District segments of these corridors are:

- The \$14 million Evergreen Mills Road / Watson Road / Reservoir Road

Realignment Project is now fully funded by the State.

- Watson Road is currently being repaved and VDOT has agreed to add previously un-planned centerline reflectors as part of the repaving project.
- I expect the traffic signal currently under construction at the Evergreen Mills Road / Creighton Road / Fleetwood Road intersection to be operational by Nov 2018.
- Brambleton reports right-of-way and utility relocation progress with its project to complete construction of the Evergreen Mills Road / Shreveport Drive intersection.
- VDOT and County transportation staff recently installed enhanced safety measures that I requested at the intersection of Evergreen Mills and Belmont Ridge Road.
- The Board recently approved and funded my Board Member Initiative to construct a new right turn lane from Evergreen Mills Road onto Stone Springs Blvd.

As always, I will continue to keep you informed as additional updates become available.

All my best,

A handwritten signature in black ink, appearing to read "Tony Buffington".

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