

**BALTIMORE COUNTY, MARYLAND
BUREAU OF TRAFFIC ENGINEERING AND TRANSPORTATION PLANNING
INTER-OFFICE CORRESPONDENCE**

DATE: December 27, 2019
TO: Steve Walsh., Director
Department of Public Works
FROM: Greg Carski. Bureau Chief
Bureau of Traffic Engineering and Transportation Planning
SUBJECT: 2020 Basic Service Map – Transportation: Draft Report

Our bureau has restudied all of the intersections currently on the Basic Services Map for 2019 as well as continued the update of all other signalized intersections. Based on these studies over the past year, we are recommending the following changes to the Transportation Map for 2020:

CHANGES:

Beaver Dam Rd / Deerco Rd / Padonia Rd	F to C
Belair Rd (US 1) / Rossville Blvd	F to D
Bellona Ave / Charles St (MD 139) / Kenilworth Dr	D to F
Falls Rd (MD 25) & Shawan Rd & Tufton Ave	D to F
Frederick Rd (MD 144) / Rolling Rd S (MD 166)	D to F
Goucher Blvd / Putty Hill Ave	D to F
Harford Rd (MD 147) / Joppa Rd	F to D
Joppa Rd E & Loch Raven Blvd (MD 542)	D to F

With the changes above, there are thirteen “F” level intersections and one “E” level intersection that are being proposed on the 2020 Basic Service Transportation Map that would control development. These intersections are:

Baltimore Nat’l Pike (US 40)/ Rolling Rd N	LOS = F
Bellona Ave / Charles St (MD 139) / Kenilworth Dr	LOS = F
Bloomsbury Ave / Frederick Rd (MD 144) / Ingleside Ave	LOS = F
Burke Ave / Burke Ave W / York Rd (MD 45)	LOS = F
Ebenezer Rd / Pulaski Hwy (US 40)	LOS = F
Falls Rd (MD 25) / Seminary Ave W (MD 131)	LOS = F
Falls Rd (MD 25) / Joppa Rd W	LOS = F
Falls Rd (MD 25) / Greenspring Valley Rd (MD 130)	LOS = F
Falls Rd (MD 25) & Shawan Rd & Tufton Ave	LOS = F
Frederick Rd (MD 144) / Rolling Rd S (MD 166)	LOS = F
Goucher Blvd / Putty Hill Ave	LOS = F
Joppa Rd E & Loch Raven Blvd (MD 542)	LOS = F
Perring Pkwy (MD 41) / Putty Hill Ave	LOS = F
Joppa Rd E / Perring Pkwy (MD 41)	LOS = E

Beaver Dam Rd / Deerco Rd / Padonia Rd and Harford Rd (MD 147) / Joppa Rd – were level of service F on the Basic Services Map for 2019 per Bill 12-19.

Belair Rd (US 1) / Rossville Blvd – was a level of service F on the Basic Services Map for 2019 per Bill 15-17.

Bellona Ave / Charles St (MD 139) / Kenilworth Dr - is an intersection owned and maintained by the MDSHA. MDSHA made modifications to their signal to allow the thru movement traffic on MD 139 to proceed more efficiently. Unfortunately, the signal changes were done at the expense of the service times for the heavy left turn traffic (southbound MD 139 onto Kenilworth) and therefore significantly increasing the loaded cycles for this movement, resulting in the level of service change from a D to a F. No further adjustments are expected by MDSHA.

Falls Rd (MD 25) / Shawan Rd / Tufton Ave, and Frederick Rd (MD 144) / Rolling Rd S (MD 166) and Joppa Rd E / Loch Raven Blvd (MD 542) - are intersections owned and maintained by the MDSHA. These intersections went from LOS D to F, which could be attributed to increases in traffic. Due to the increased traffic volumes in the area, the capacity of these intersections is being pressed during certain times of the day and for a significant duration. It does not appear that additional signal timing tweaks will alleviate the congestion at these intersections but MDSHA is aware of our findings.

~~Goucher Blvd / Putty Hill Ave is an intersection owned and maintained by Baltimore County. This intersection went from LOS D to F, which could be attributed to increases in traffic. Due to the increased traffic volumes in the area, the capacity of these intersections is being pressed during certain times of the day and for a significant duration. Timing changes to alleviate the congestion along Putty Hill Ave, will impart additional delays on Goucher Blvd. This level of service may be updated on the final draft pending the evaluation of the signal from recent timing changes.~~

Commuter sheds for the intersections noted above are being updated and will be shown on the 2020 Basic Service Map. Note: Since the intersection of Falls Rd(MD25)/Shawan Rd and Tufton Rd is outside the URDL there will be no commuter shed associated with this intersection.

Enclosed is a list of the current D, E, and F intersections for your use. Should you have any questions in regard to the Basic Services Transportation Map for 2020, please contact me at ext. 3554.