



— *Making a difference, together* —

Riedel Road/Johns Hopkins Rd Traffic Implementation Plan

August 12, 2026



DPWandYOU.com

Traffic Operation Enhancements

Creation of No Thru Trucks over 5 Ton

- From SHA
 - Created memo and forward to SHA D5 for signs N/S of Johns Hopkins Rd



Safe Speed Corridors

Engineering

- Midterm
 - Medians
 - Installed
 - Flyer will be mailed in September

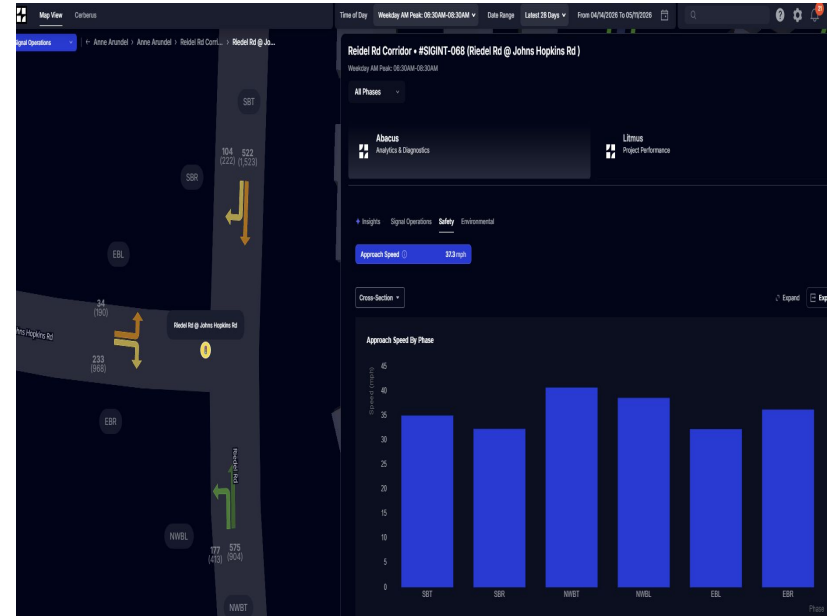


Safe Speed Corridors

Engineering

New Strategy

- Will be part of the flyer to obtain community feedback



Safe Speed Corridors

Education

- Short term
 - Traffic Safety Education
 - Traffic Awareness Campaigns
 - Variable Message Signs (VMS)
 - Temporary speed feedback signs
 - Flyers/Newsletters/Email blasts
 - Need schedule for fall



Safe Speed Corridors

Enforcement

- Short term
 - Police Target Enforcement as part of a Traffic Awareness Campaign
 - **TED will coordinate with County Police for next traffic awareness week**



Safe Speed Corridors

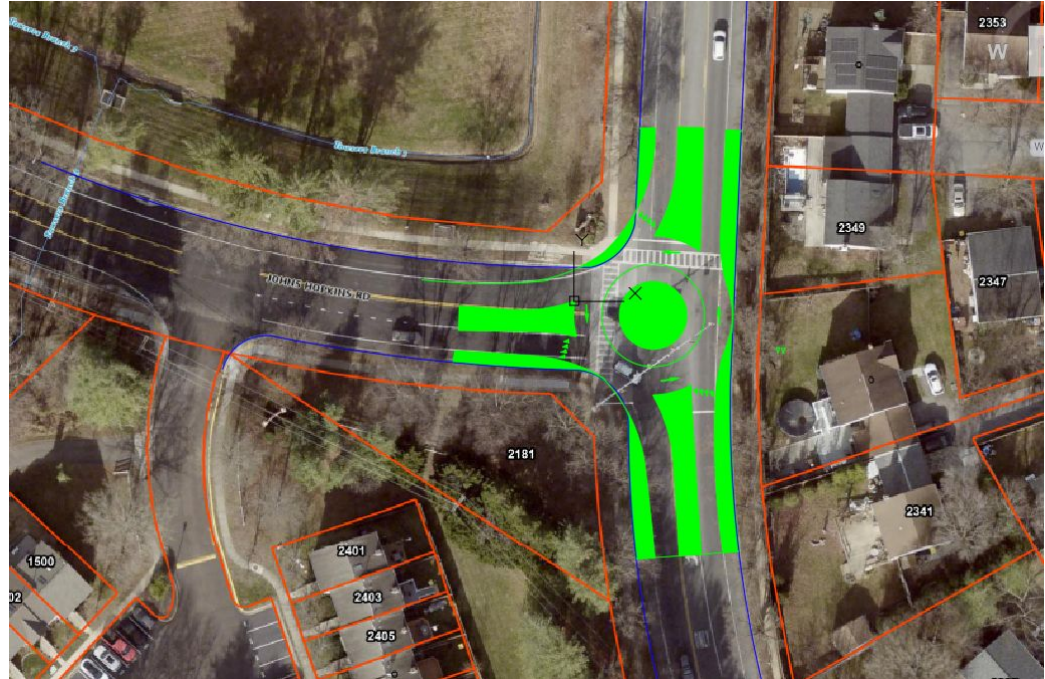
Enforcement

- Speed Cameras
 - Midtem
 - Riedel Rd at Powderhorn/Macallister
 - Police update



Roundabout at Riedel and Johns Hopkins Rd

- Analysis
 - One Lane will handle volume
 - Compact urban roundabout
- Synchro/SimTraffic Model
 - Roundabout vs signal
 - Signal Delay -
 - 22.1 secs per veh in the AM
 - 23.4 secs per veh in the PM
 - Roundabout Delay
 - 14.9 secs per veh in the AM
 - 17.6 secs per veh in the PM
 - Signal - Speed (Avg speed)
 - 32.5 mph in the AM
 - 27.1 mph in the AM
 - Roundabout - speed
 - 21 mph in the AM
 - 16.5 mph in the PM
- Do we proceed with including in the flyer?



2021 to 2025 Crashes on Riedel Road

Speed Related Crashes

Year	Speed crashes
2021	1
2022	4
2023	3
2024	1
2025	3

Anne Arundel County - Traffic Engineering Crash Summary Results

RIEDEL RD (86 Crash Locations)

Crash Dates From 2021 To 2025

Thursday, August 06, 2026

Crash Years

2012	2013	2014	2015	2016
0	0	0	0	0
2017	2018	2019	2020	2021
0	0	0	0	19
2022	2023	2024	2025	2026
30	24	7	6	0

Severity

Unknown	0
Property Damage Only	59
Injury	27
Fatal	0

Day of Week

Sunday	11
Monday	12
Tuesday	12
Wednesday	9
Thursday	14
Friday	18
Saturday	10
Unknown	0

Event

Other Vehicle	52
Parked Vehicle	6
Pedestrian	3
Bicycle	4
Animal	0
Fixed Object	15
Off Road	0
Other	1

Weather

Clear	64
Raining	13
Snow/Sleet	0
Other	0

Surface Condition

Wet	19
Dry	64
Snow	0
Mud, Dirt Gravel	0
Sand	0
Water (Standing/Moving)	0
Oil	0
Other	3
Unknown	0
Not Applicable	0

Light Condition

Daylight	50
Dark - Lights On	24
Dark - No Lights	4
Dawn	1
Dusk	5
Dark - Unknown	1
Other	1
Unknown	0
Not Applicable	0

Work Zone Related

Yes	0
No	86

Junction

Accel/Decel Lane	0
Alley	0
Crossover	1
Driveway Access	2
Entrance/Exit Ramp	0
Interchange	0
Intersection	47
Non-Junction	26
Other Interchange	1
Railway Grade Crossing	0
Shared Use Path/Trail	0
Through Roadway	4
Unknown	1
Not Applicable	4

Collision Type

Angle	12
Front to Front	4
Front to Rear	3
Rear to Rear	25
Rear to Side	2
Sideswipe - Opposite Dir	1
Sideswipe - Same Dir	6
Single Vehicle	23
Other	9
Unknown	1
Not Applicable	0

Non-Motorist

Pedestrian	2
Bicyclist	4
Other Conveyance	3
Not Applicable	0

Non-Motorist Location

Marked Crosswalk	5
Shoulder	2
Sidewalk / Curb	2
Intersection No Crosswalk	0
Other	1
Unknown	0

Vehicle Body

Passenger	113
SUV	24
Van	3
Truck	2
School Bus	3
Police Vehicle	0
Ambulance	0
Fire Vehicle	0
Other Bus	1
Other	0
Unknown	6
Not Applicable	0

** Road Grade

Level	83
Hill Crest	3
Hill Uphill	0
Grade Downhill	0
Dip Sag	0
On Bridge	0
Other	0
Unknown	0
Not Applicable	0

** Road Alignment

Straight	74
Curve Left	7
Curve Right	6
Other	0
Unknown	0
Not Applicable	0

** Counts reflect crashes occurring in 2018 or later

Notes: In 2024, the Maryland State Police updated their crash database schema. As a result, some data categories that were previously collected have been significantly reduced or are no longer available. Reports generated before this change may differ from latest reports due to these schema modifications. Not all categories will equal total crash count as not all values found within the data are included (relevant) in groupings.



2026 Crashes on Riedel Road

- 4 Total Crashes
- All Crashes property damage only
- 1 Speed related crash



Community Items

1. Resident of Johns Hopkins Rd concerned with vehicles parked on shoulder
 - a. Why County did not install bike lanes?
 - b. Response
 - i. County originally considered installing bike lanes
 - ii. During the design of the road diet, the County received request to allow vehicles to park on Johns Hopkins Rd during the resurfacing of parking lots on adjacent communities.
 - iii. County decided to create shoulders instead of bike lanes to allow the flexibility of using the space.
 - iv. County will evaluate the need to create additional no parking zones

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Bureau of Engineering

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Bureau of Highways

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Bureau of Watershed Protection and Restoration

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