

US 1 Safety Evaluation



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Howard County
OFFICE OF TRANSPORTATION

Status



US 1 Safety Evaluation Draft Final Report Posted at:
www.howardcountymd.gov/US1Safety

Public Meetings:

Thursday September 27, 7pm
Savage Fire Station Community Room,
8521 Corridor Road, Savage MD 20763

Thursday October 11, 7pm
Elkridge Branch Library Hockley Room,
6540 Washington Boulevard, Elkridge MD

Why?



Pedestrian and Bicycle Crash Severity

Severity	2011	2012	2013	2014	2015	2016	Total
<i>No Injury</i>	8	8	9	4	6	12	47
<i>Possible Injury</i>	22	25	23	10	9	25	114
<i>Injury</i>	40	41	39	31	44	38	233
<i>Severe Injury</i>	14	2	18	16	8	16	74
<i>Fatal</i>	0	1	2	2	3	9	17
Total	84	77	91	63	70	100	485

8 of these 12 were in the US 1 corridor



US 1 in Howard County **Quick Facts**



Corridor Length: 10.9 Miles from Elkridge to North Laurel

Sidewalks: 6.4 Miles of Sidewalk

- ▶ 0.9 miles of roadway with sidewalk on both sides
- ▶ 4.6 miles of roadway with sidewalk on one side
- ▶ 6.0 miles of roadway with no sidewalks

Crosswalks: 8 Marked Crosswalks across US 1

Bus Stops: 31 RTA, 14 MTA, 2 shared RTA/MTA

- ▶ 11 RTA stops and 10 MTA stops have no sidewalk access
- ▶ 24 RTA stops, 8 MTA stops, and both shared stops are more than 500 feet from a crosswalk across US 1

Bike Lanes: 0.4 miles

Posted Speed Limits: 35 MPH to 50 MPH

Busiest Segment for Motor Vehicles:

Whiskey Bottom Road to MD 32 (41,200 veh/day)

Least Busy Segment for Motor Vehicles:

Old Washington Road to the Patapsco River (23,840 veh/day)

2016 Crash History: 257 total crashes

- ▶ 161 Property Damage Crashes
- ▶ 92 Injury Crashes (3 pedestrian crashes, 1 bike crash)
- ▶ 4 Fatal Crashes (4 pedestrian crashes with 5 fatalities)







US 1 Safety Evaluation on Bicyclist and Pedestrian Safety

Pedestrian Collisions 2012-2016



LEGEND

Pedestrian Collisions



Dense

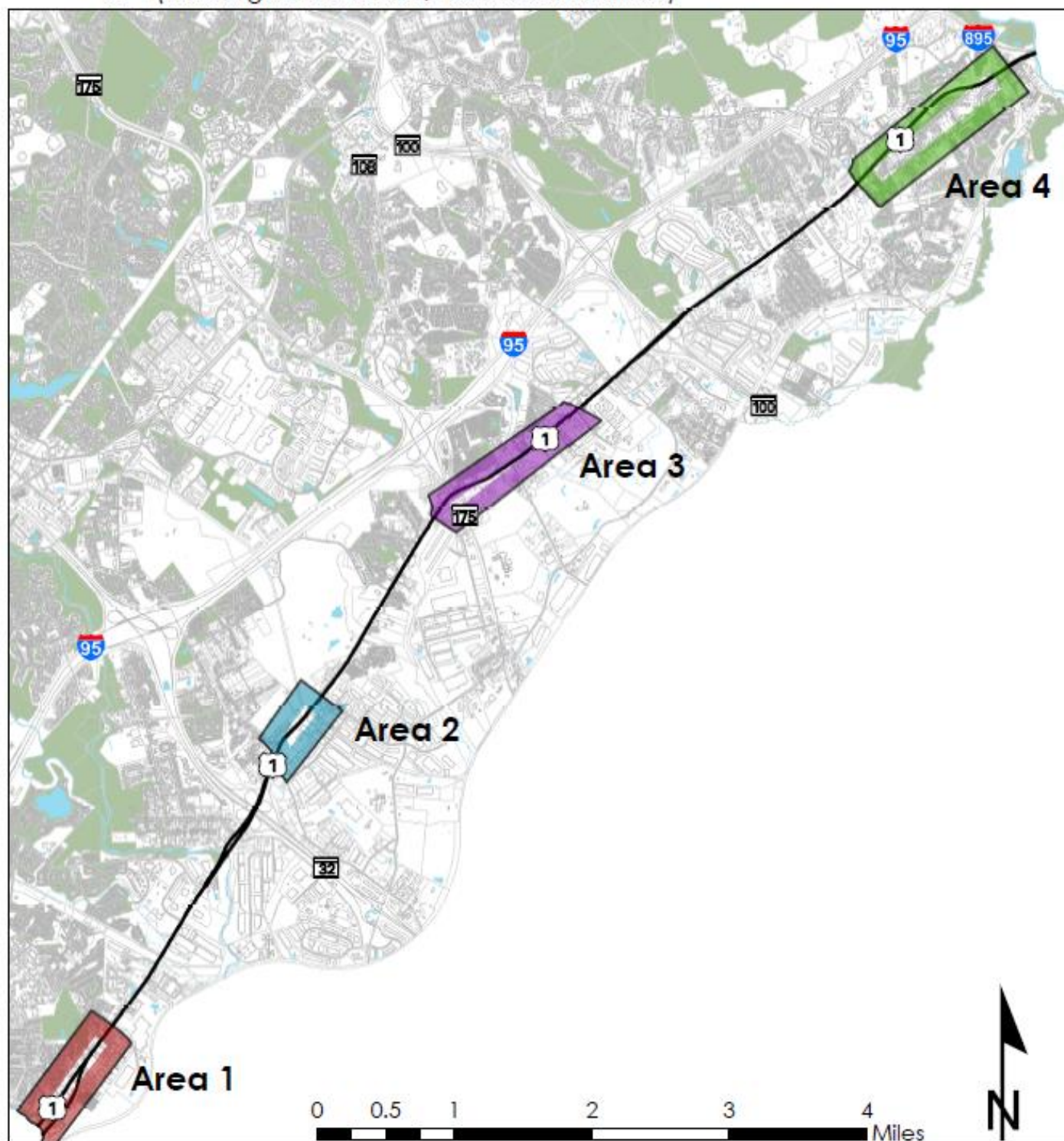
Sparse

Data Source: Howard County
Police Department ILEADS
database, 2012-2016.



US 1 Safety Evaluation Focus Areas

-  Focus Area 1: City of Laurel/Howard County Line to Whiskey Bottom Rd
-  Focus Area 2: Guilford Rd to Patuxent Range Rd
-  Focus Area 3: Crestmount Rd/Assateague Dr to Cemetery Ln
-  Focus Area 4: Greenfield Rd to Levering Ave
-  US 1 (Washington Boulevard/North Second Street)



Resources



US 1 Safety Evaluation

www.howardcountymd.gov/US1Safety

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