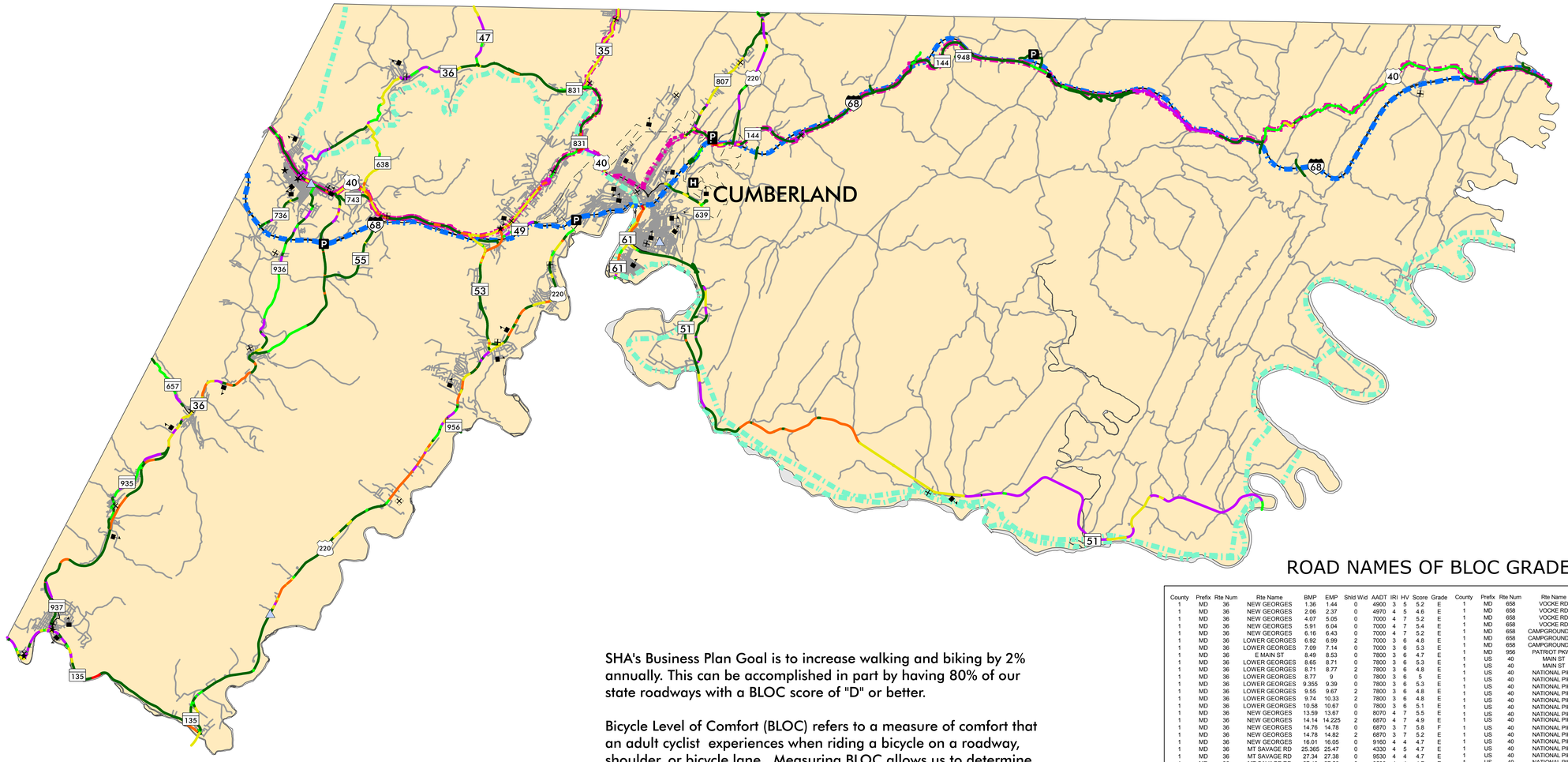
SHA BLOC DESKTOP TOOL MAP - ALLEGANY COUNTY



BLOC GRADE

- A ≤ 1.5
- B > 1.5 and ≤ 2.5
- C > 2.5 and ≤ 3.5
- D > 3.5 and ≤ 4.5
- E > 4.5 and ≤ 5.5
- F > 5.5

CULTURAL FEATURES

- College/University
- Fire and Rescue
- Hospital
- Park and Ride
- Place of Worship
- Police
- School
- Transit Stations
- 2006 Bike/Pedestrian Crash Data

BICYCLE ROUTES

- Prohibited Roads
- Bike Routes
- East Coast Greenway
- Other Trails

Prepared by the
Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
HIGHWAY INFORMATION SERVICES DIVISION

0 2 4 8 Miles

SHA's Business Plan Goal is to increase walking and biking by 2% annually. This can be accomplished in part by having 80% of our state roadways with a BLOC score of "D" or better.

Bicycle Level of Comfort (BLOC) refers to a measure of comfort that an adult cyclist experiences when riding a bicycle on a roadway, shoulder, or bicycle lane. Measuring BLOC allows us to determine the impact that our projects are having on bicycling in Maryland. Therefore all roadway projects will be evaluated for their "before" and "after" BLOC.

The BLOC needs only to be measured for State highways. If your project includes more than one State highway, each should be selected and evaluated. Some state routes are broken into multiple segments. The before and after BLOC will be noted in the Final Review Report for all projects. If the resulting "after" BLOC is less than the "before" BLOC, the project would be reviewed with SHA's Bicycle and Pedestrian Coordinator bikes@sha.state.md.us or 410-545-5656 and a waiver may be required. The goal is to improve the Statewide BLOC scores for each county, district and/or roadway sections by taking reasonable measures.

The BLOC application is a tool that you may use to assist you in seeing the current BLOC score for segments of a road. It will also allow you to change such parameters as Shoulder Width, Through Lanes, Lane Width, IRI, HV and AADT to see what the impact would be on the BLOC score for that segment.

The Bicycle Level of Comfort (BLOC) desktop tool can be accessed through http://shahisdweb/shabloc/.

The desktop tool automatically calculates the BLOC formula:
BLOC = a1*ln (Vol15/Ln) + a2*SPt (1+10.38HV)2 + a3*(1/PR5)2 + a4*(We)2 + C

BLOC = 0.507*VOLUME + 0.199*SPEED + 7.066*PAVEMENT – 0.005*WIDTH + 0.760

The desktop tool calculates BLOC in the road inventory directions only.

ROAD NAMES OF BLOC GRADE > D

County	Prefix	Rte Num	Rte Name	BMP	EMP	Shld Wid	AADT	IRI	HV	Score	Grade
1	MD	36	NEW GEORGES	1.36	1.44	0	4900	3	5	5.2	E
1	MD	36	NEW GEORGES	2.06	2.37	0	4970	4	5	4.6	E
1	MD	36	NEW GEORGES	4.07	5.05	0	7000	4	7	5.2	E
1	MD	36	NEW GEORGES	5.91	6.04	0	7000	4	7	5.4	E
1	MD	36	NEW GEORGES	6.16	6.43	0	7000	4	7	5.2	E
1	MD	36	LOWER GEORGES	6.92	6.99	2	7000	3	6	4.8	E
1	MD	36	LOWER GEORGES	7.09	7.14	0	7000	3	6	5.3	E
1	MD	36	E MAIN ST	8.49	8.53	0	7800	3	6	4.7	E
1	MD	36	LOWER GEORGES	8.65	8.71	0	7800	3	6	5.3	E
1	MD	36	LOWER GEORGES	8.71	8.77	2	7800	3	6	4.8	E
1	MD	36	LOWER GEORGES	8.77	9	0	7800	3	6	5	E
1	MD	36	LOWER GEORGES	9.355	9.39	0	7800	3	6	5.3	E
1	MD	36	LOWER GEORGES	9.55	9.67	2	7800	3	6	4.8	E
1	MD	36	LOWER GEORGES	9.74	10.33	2	7800	3	6	4.8	E
1	MD	36	LOWER GEORGES	10.58	10.67	0	7800	3	6	5.1	E
1	MD	36	NEW GEORGES	13.59	13.67	0	8070	4	7	5.5	E
1	MD	36	NEW GEORGES	14.14	14.225	2	6870	4	7	4.9	E
1	MD	36	NEW GEORGES	14.76	14.78	0	6870	3	7	5.8	F
1	MD	36	NEW GEORGES	14.78	14.82	2	6870	3	7	5.2	E
1	MD	36	NEW GEORGES	16.01	16.05	0	9160	4	4	4.7	E
1	MD	36	MT SAVAGE RD	25.365	25.47	0	4330	4	5	4.7	E
1	MD	36	MT SAVAGE RD	27.34	27.38	0	9530	4	4	4.7	E
1	MD	36	MT SAVAGE RD	27.48	27.56	0	9530	4	4	4.7	E
1	MD	36	MT SAVAGE RD	28.325	28.46	0	9530	4	4	4.7	E
1	MD	36	MT SAVAGE RD	28.98	29.05	0	9530	4	4	4.7	E
1	MD	36	MT SAVAGE RD	29.05	29.11	0	10860	4	4	4.8	E
1	MD	51	INDUSTRIAL BLVD	0	0.05	0	13512	2	4	6.5	F
1	MD	51	INDUSTRIAL BLVD	0.05	0.08	0	13512	2	4	6.1	F
1	MD	51	INDUSTRIAL BLVD	0.08	0.16	0	13512	4	4	4.7	E
1	MD	51	INDUSTRIAL BLVD	0.16	0.43	0	13512	3	4	4.9	E
1	MD	51	INDUSTRIAL BLVD	0.43	0.66	0	13512	3	4	5	E
1	MD	51	INDUSTRIAL BLVD	0.66	0.73	0	13512	4	4	4.7	E
1	MD	51	INDUSTRIAL BLVD	0.73	0.9	0	13512	4	4	4.7	E
1	MD	51	INDUSTRIAL BLVD	0.9	0.96	0	13512	4	4	4.7	E
1	MD	51	OLDTOWN RD	4.96	4.97	2	10152	3	4	4.9	E
1	MD	51	OLDTOWN RD	4.97	4.99	2	10152	3	4	4.6	E
1	MD	51	OLDTOWN RD	8.2	8.53	0	3812	4	5	4.7	E
1	MD	51	OLDTOWN RD	8.58	9.187	0	3812	4	5	4.7	E
1	MD	51	OLDTOWN RD	9.23	9.45	0	3812	4	5	4.7	E
1	MD	51	OLDTOWN RD	9.52	10.48	0	3812	4	5	4.7	E
1	MD	51	OLDTOWN RD	10.53	11.87	0	3812	4	5	4.7	E
1	MD	53	WINCHESTER RD	0.07	0.19	0	10742	3	4	4.8	E
1	MD	53	WINCHESTER RD	0.63	0.7	0	14212	4	4	4.6	E
1	MD	53	WINCHESTER RD	0.74	0.88	0	14212	4	4	4.7	E
1	MD	53	WINCHESTER RD	0.92	0.955	0	14212	4	4	4.7	E
1	MD	53	WINCHESTER RD	3.05	3.12	0	12922	3	4	4.6	E
1	MD	61	CANAL PKWY	0.23	0.3	0	11761	3	4	5.3	E
1	MD	61	CANAL PKWY	0.39	0.66	2	11761	3	4	4.8	E
1	MD	61	CANAL PKWY	1.72	1.94	0	11761	4	4	4.6	E
1	MD	135	MCCOOLE	3.76	3.972	0	6782	3	7	5.8	F
1	MD	135	MCCOOLE	6.67	7	0	7082	2	3	5.2	E
1	MD	144	ALI GHAN RD	0.69	0.75	0	7501	2	3	5.5	E
1	MD	144	ALI GHAN RD	0.75	0.83	0	7501	2	3	5.7	F
1	MD	144	ALI GHAN RD	0.83	0.9	0	7501	2	3	5.5	E
1	MD	144	ALI GHAN RD	0.9	0.92	2	7501	2	3	4.9	E
1	MD	638	PARKERSBURG RD	0	0.07	0	2551	2	3	4.7	E
1	MD	638	PARKERSBURG RD	0.38	0.42	0	2551	2	3	4.7	E
1	MD	658	VOCKE RD	0	0.08	0	13041	3	4	4.8	E
1	MD	658	VOCKE RD	0.08	0.12	0	13041	3	4	4.9	E
1	MD	658	VOCKE RD	0.12	0.15	0	13041	3	4	4.8	E
1	MD	658	VOCKE RD	0.15	0.63	0	13041	3	4	5	E
1	MD	658	CAMPGROUND RD	0.63	0.66	0	13041	3	4	5	E
1	MD	658	CAMPGROUND RD	0.66	0.73	0	13041	3	4	4.7	E
1	MD	658	CAMPGROUND RD	0.73	0.84	0	13041	3	4	4.8	E
1	MD	956	PATRIOT PKWY	0	0.02	0	6811	3	6	5.2	E
1	US	40	MAIN ST	2.3	2.32	2	15021	2	4	4.9	E
1	US	40	MAIN ST	2.32	2.35	2	15021	2	4	4.9	E
1	US	40	NATIONAL PIKE	3.08	3.33	12	11261	4	4	4.7	E
1	US	40	NATIONAL PIKE	3.44	3.77	10	11261	4	4	4.7	E
1	US	40	NATIONAL PIKE	3.97	4	8	11261	4	4	4.6	E
1	US	40	NATIONAL PIKE	4.04	4.09	12	11261	4	4	5.1	E
1	US	40	NATIONAL PIKE	4.09	4.21	0	11261	4	4	5.8	F
1	US	40	NATIONAL PIKE	4.21	4.22	14	11261	4	4	5.1	E
1	US	40	NATIONAL PIKE	4.23	4.4	0	13461	4	4	4.7	E
1	US	40	NATIONAL PIKE	5.7	5.82	0	13461	4	4	4.7	E
1	US	40	NATIONAL PIKE	6.38	6.405	0	13461	3	4	5.4	E
1	US	40	NATIONAL PIKE	6.405	6.43	0	13461	3	4	4.7	E
1	US	40	NATIONAL PIKE	6.43	6.59	0	13461	3	4	4.6	E
1	US	40	NATIONAL PIKE	6.59	6.62	0	13461	3	4	5	E
1	US	40	NATIONAL PIKE	6.62	6.69	0	14531	4	4	4.7	E
1	US	40	NATIONAL PIKE	6.85	7.02	0	14531	4	4	4.6	E
1	US	40	NATIONAL HWY	7.46	7.54	0	14531	2	4	5.8	F
1	US	40	NATIONAL HWY	7.54	7.56	0	14531	2	4	6.1	F
1	US	40	NATIONAL HWY	7.67	7.76	0	14531	3	4	5.2	E
1	US	40	NATIONAL HWY	8.89	8.94	0	14531	3	4	5.4	E
1	US	40	NATIONAL HWY	8.94	8.97	0	14531	3	4	5.1	E
1	US	40	NATIONAL HWY	8.97	9.02	0	14531	3	4	5.4	E
1	US	40	NATIONAL HWY	9.12	9.22	0	13341	3	4	4.6	E
1	US	40	NATIONAL HWY	10.49	10.59	0	13341	2	4	6.1	F
1	US	40	NATIONAL HWY	10.59	10.64	0	13341	3	4	5.1	E
1	US	40	BALTIMORE AVE	13.54	13.55	0	13341	4	4	4.7	E
1	US	220	MCMULLEN HWY	0.43	0.45	0	12751	2	4	5.4	E
1	US	220	MCMULLEN HWY	0.45	0.47	0	12751	2	4	5.8	F
1	US	220	MCMULLEN HWY	5.05	5.17	2	7301	4	7	4.7	E
1	US	220	MCMULLEN HWY	5.245	5.6	2	7301	4	7	4.7	E
1	US	220	MCMULLEN HWY	5.67	5.85	2	7301	4	7	4.7	E
1	US	220	MCMULLEN HWY	9.16	10.3	4	10071	4	10	5.4	E
1	US	220	MCMULLEN HWY	10.36	10.73	4	10071	4	10	5.4	E
1	US	220	MCMULLEN HWY	10.75	10.805	6	10071	4	10	4.9	E
1	US	220	MCMULLEN HWY	10.92	10.985	6	10071	4	10	4.9	E
1	US	220	MCMULLEN HWY	11.75	11.78	0	10071	4	10	7.1	F
1	US	220	MCMULLEN HWY	11.78	11.81	0	19681	4	10	7.4	F
1	US	220	MCMULLEN HWY	12.33	12.36	0	19681	4	4	4.9	E
1	US	220	MCMULLEN HWY	12.416	12.56	0	19681	4	4	4.9	E
1	US	220	MCMULLEN HWY	12.74	12.97	0	19681	4	4	4.9	E
1	US	220	MCMULLEN HWY	13.45	13.47	0	19681	4	4	4.9	E
1	US	220	MCMULLEN HWY	14.21	14.26	0	15721	3	4	4.8	E
1	US	220	MCMULLEN HWY	14.69	14.92	0	15721	3	4	5.1	E
1	US	220	MCMULLEN HWY	15.05	15.12	0	15721	4	4	5.1	E
1	US	220	MCMULLEN HWY	15.175	15.2	0	15721	3	4	5.1	E
1	US	220	MCMULLEN HWY	15.3	15.39	0	15721	3	4	5.1	E
1	US	220	MCMULLEN HWY	15.39	15.44	0	15721	3	4	5.1	E
1	US	220	MCMULLEN HWY	15.44	15.46	0	15721	3	4	5.5	E
1	US	220	MCMULLEN HWY	16.03	16.11	2	15721	3	4	4.6	E
1	US	220	MCMULLEN HWY	16.11	16.13	2	15721	3	4	4.9	E
1	US	220	MCMULLEN HWY	16.13	16.22	0	15721	3	4	5.2	E
1	US	220	MCMULLEN HWY	17.94	18.01	0	13841	3	4	5	E

N

GIS Team

HISD

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