MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

HIGHWAY LOCATION REFERENCE

INTRODUCTION

The Maryland Department of Transportation, State Highway Administration's (MDOT SHA) Highway Location Reference (HLR) lists all roads maintained by MDOT SHA and the Maryland Transportation Authority (MdTA). It also provides the most commonly requested data elements of the state roadway network.

Highway data keyed to a common reference system facilitates useful comparisons to highway characteristics, government and administrative jurisdictions, geographic locations, program expenditures, traffic, services, etc. A common HLR system provides detail and the comparison of data necessary for planning, developing programs, and managing highway activities.

MDOT SHA personnel frequently utilize the Videolog system to collect and analyze roadway data. The HLR provides physical and administrative information about the section of highway being viewed and relates to Videolog using the highway inventory route number. However, associated milepoints used in Videolog may vary slightly from those used in this HLR.

The Data Services Division (DSD) records changes to the state highway system during the calendar year, and annually updates its database with this information. This HLR is based on highway conditions as of December 31, 2018.

The HLR is available on the MDOT SHA Internet site, and is accessible by typing the following in the browser's address bar:

https://www.roads.maryland.gov/mdotsha/pages/Index.aspx?PageId=832

GENERAL INFORMATION

This HLR is arranged sequentially by county, route prefix (IS, MD, US) and route number.

Milepoints on each route reference the occurrence of significant intersecting roads or features, and their relative distance in miles, tenths, hundredths, and thousandths from the first intersecting road or feature on that route. They are established for junctions of all state highways, county, municipal and other public roads, interchange ramps, structures, traffic counts, exit numbers, interstate mile markers, and geographical boundaries.

The data provided in the HLR are route number, inventory direction, route name, federal functional classification, state system type (primary or secondary), national highway system type, maintenance system type, median type, number of marked (striped) lanes on the road, and the Average Annual Daily Traffic (AADT) count for that section of road.

The AADT information provided in this HLR is for calendar year 2018.

For your information and use, we have included a "**Route Alert List**." This list of routes describes at a glance the additions, deletions and major changes to state routes that occurred during the 2018 calendar year.

GLOSSARY

Route Prefixes	Functional Classification Abbreviations	Other Abbreviations
IS – Interstate Route		DIV – Divided
	PRIN OTH FR/EX – Principal Arterial, Other Freeways & Expressways	
US – United States Route	PRIN ART OTH – Principal Arterial, Other	UNDIV - Undivided
MD – Maryland Route	MINOR ART – Minor Arterial	CENTER TLA – Center turn lane
CO – County Route	MAJOR COL - Major Collector	CORP LMTS – Corporate Limits (i.e., municipal boundary)
MU – Municipal Route	MINOR COL - Minor Collector	CO/L – County line
OP – Other Public Route (roads open to unrestricted public use, yet not officially acknowledged as part of the State, County, Municipal, or any other publicly owned system of roads)		ST/L – State line
SR – Other State Agency-maintained Route (not SHA or MdTA)		STRUC – Structure (bridge, culvert, etc.)
GV – US Government Route		R/R – Railroad
SP – Spur		X-REF – Cross-reference (Runs concurrently with another route)
XO - Crossover		NB/L – Northbound lane
RP - Ramp		SB/L – Southbound lane
		EB/L – Eastbound lane
		WB/L –Westbound lane
	Prefix "U-" denotes Urban	AADT – Annual Average Daily Traffic
	Prefix "R-" denotes Rural	NHS – National Highway System
		ATR – Automated Traffic Recorder

CONTENT NOTATION

The Maryland Department of Transportation, State Highway Administration's (MDOT SHA) Data Services Division (DSD) has recently changed our data storage infrastructure from a tabular to a spatial system. This change has impacted the way our data is exported into the Highway Location Reference (HLR) format, and some data items are not included in this edition. We may add these back to the HLR in future editions as time and ability permit. These include: Pavement type and width, Non-public intersections, Spurs, Railroad Crossings, Traffic control devices (signals, stop signs), Speed Limits, Municipal Boundaries, Drainage (small) structures.

Please note that the current version of the HLR should be considered a work in progress. Any questions or concerns may be addressed to SHA_State_Local_DG@mdot.maryland.gov.

RESTRICTION OF LIABILITY

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All route, traffic, and travel data in this document are developed to support internal uses, primarily transportation planning. Any and all data are provided "as is" with the understanding that no warranty of any kind, whether implied, expressed or statutory, is given with respect to the contents of this document. Any and all conclusions or products derived from the data are the sole responsibility of the user.

OWNERSHIP

Information presented in this document is considered public information and may be distributed or copied.

The HLR represents only a portion of the data included in MDOT SHA'S Information System. Additional data may be obtained by directing your request to SHA_State_Local_DG@mdot.maryland.gov.