one MARYLAND one CENTERLINE
collaborative. authoritative. seamless.

The One Maryland One Centerline (OMOC) Program is a collaborative effort between federal, state, and local entities to create an authoritative, statewide roadway dataset that meets the needs of a diverse community.

WHAT IS A CENTERLINE?

A centerline is a linear graphic representation of the center of a roadway. Centerline segments are connected at intersections to create a model of the real-world roadway network. In addition, centerline segments are linked to data tables, or attributes, that describe information about the roadway such as:

- Road Identifiers (road name, route number, prefix, etc)
- Roadway Characteristics (speed limit, number of lanes, etc)
- Roadway Classifications (owner, maintainer, functional class, etc)
- Address Information (ranges, postal code, etc)
- Traffic (traffic counts, volumes, rates, etc)
- Pavement (type, quality, maintenance records, etc)
- Safety (crash severity, pedestrian incidents, etc)
- Assets (line striping, signage, lighting, etc)
- Routing (turn restrictions, travel directions, etc)

USES

- ✓ Mapping and visual representation
- ✓ Routing and driving directions
- ✓ Geo-locating address information, also known as geocoding
- ✓ Transportation planning, traffic studies and safety assessments
- ✓ Asset and maintenance management
- ✓ Analysis of driving times and distances
- ✓ Emergency planning, preparedness and response

Legend: STATE / COUNTY / MUNICIPALITY — DELAWARE / MARYLAND

CENTERLINE ATTRIBUTES

Road Name	Main St
Route Number	543
Owner	State
Address Right	100-140
Address Left	101-141
Speed Limit	45
Pavement	asphalt
# Lanes	2

MARYLAND'S CENTERLINE

Maryland's public roadway system is jointly owned, operated and maintained by the Maryland State Highway Administration (SHA), the Maryland Transportation Authority (MDTA), Baltimore City, and Maryland's 23 counties and 159 incorporated municipalities. The One Maryland One Centerline Program aims to create a sustainable, current, authoritative, and multi-use centerline dataset through collaborative partnerships between these entities.

CONTACT US

Please contact us with questions at
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