



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.

LEVERAGING A LRS FOR ASSET MANAGEMENT

A linear referencing system (LRS) can help provide a strategic approach to managing transportation assets. Through the OMOC program, local partners will be able to leverage an authoritative-based roadway LRS to which asset inventories can be referenced. Referencing assets to an LRS provides a unique and flexible means to display, query and report on different asset classes based on location, and ultimately enhance decision-making regarding asset investments.

BENEFITS OF USING THE OMOC LRS

Enhanced Management of Asset Data

- ✓ A common framework to manage highway-related assets and roadway characteristics that may or may not have explicit x,y coordinates
- ✓ Effective means of displaying and analyzing overlapping point and linear assets without also requiring the roadway feature to be segmented at asset breaks
- ✓ Enhanced method to track maintenance history of referenced assets

Supports Performance Management

Aids in answering questions like:

- ✓ What is the current state of my assets?
- ✓ What assets have the highest level of service and where are they located?
- ✓ Are there assets in need of repair within upcoming project areas?
- ✓ Where are my assets that are critical to sustained performance delivery?
- ✓ What assets are in need of replacement or improvement along a specific street?
- ✓ Where should I focus long-term funding strategies?

Creates Efficiencies

- ✓ Make more informed decisions
- ✓ Aid in risk management, lifecycle management, and asset preservation
- ✓ Increase cost effectiveness
- ✓ Coordinate construction projects

For additional information on LRS
<http://imap.maryland.gov/Pages/road-centerlines-linear-referencing.aspx>

CONTACT US



Please contact us with questions at
 1md1cline@sha.state.md.us

