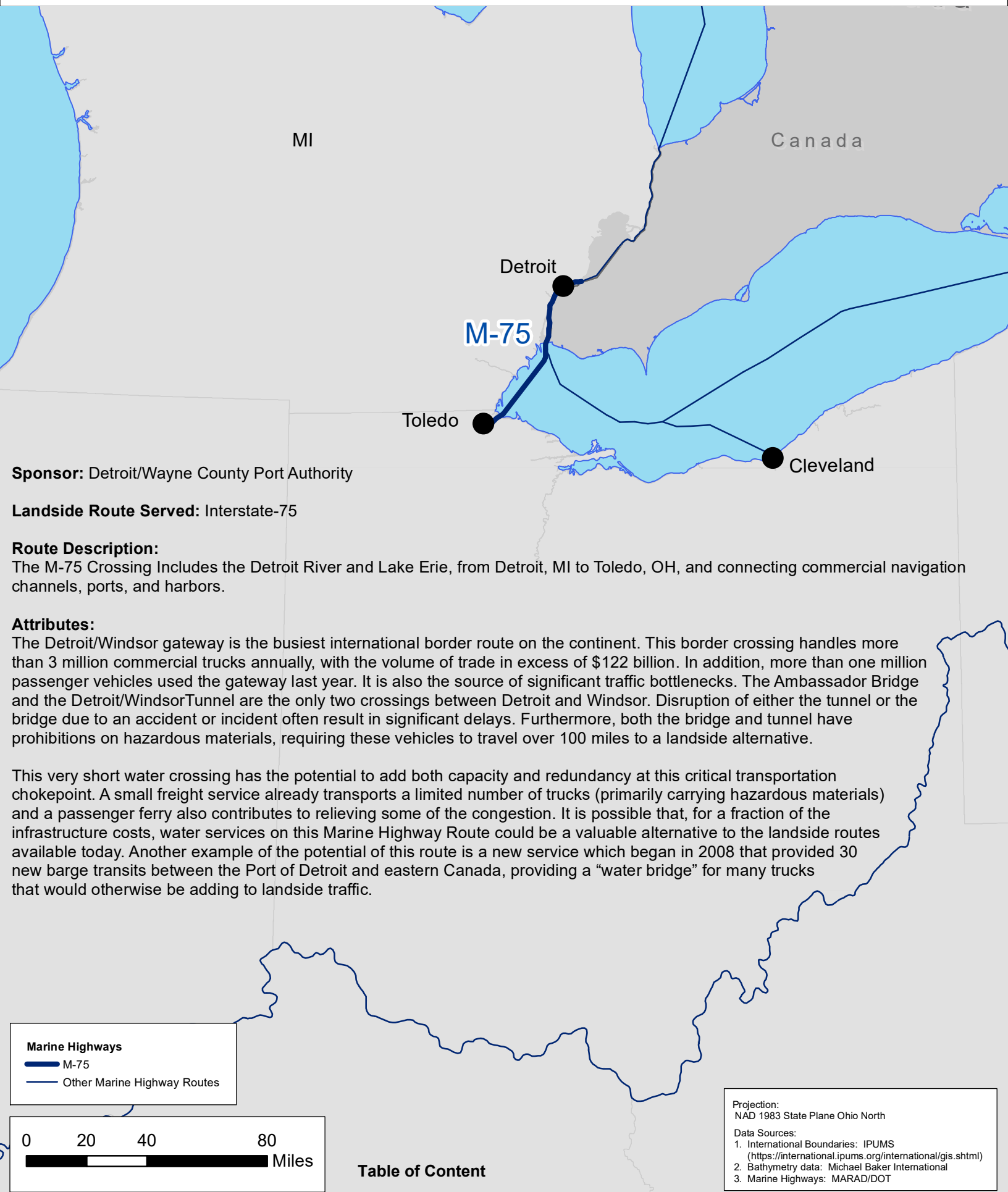


Marine Highway M-75



Sponsor: Detroit/Wayne County Port Authority

Landside Route Served: Interstate-75

Route Description:

The M-75 Crossing Includes the Detroit River and Lake Erie, from Detroit, MI to Toledo, OH, and connecting commercial navigation channels, ports, and harbors.

Attributes:

The Detroit/Windsor gateway is the busiest international border route on the continent. This border crossing handles more than 3 million commercial trucks annually, with the volume of trade in excess of \$122 billion. In addition, more than one million passenger vehicles used the gateway last year. It is also the source of significant traffic bottlenecks. The Ambassador Bridge and the Detroit/Windsor Tunnel are the only two crossings between Detroit and Windsor. Disruption of either the tunnel or the bridge due to an accident or incident often result in significant delays. Furthermore, both the bridge and tunnel have prohibitions on hazardous materials, requiring these vehicles to travel over 100 miles to a landside alternative.

This very short water crossing has the potential to add both capacity and redundancy at this critical transportation chokepoint. A small freight service already transports a limited number of trucks (primarily carrying hazardous materials) and a passenger ferry also contributes to relieving some of the congestion. It is possible that, for a fraction of the infrastructure costs, water services on this Marine Highway Route could be a valuable alternative to the landside routes available today. Another example of the potential of this route is a new service which began in 2008 that provided 30 new barge transits between the Port of Detroit and eastern Canada, providing a “water bridge” for many trucks that would otherwise be adding to landside traffic.

Marine Highways

- M-75
- Other Marine Highway Routes

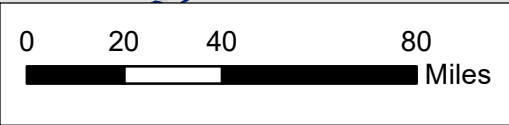


Table of Content

Projection:
NAD 1983 State Plane Ohio North

Data Sources:

1. International Boundaries: IPUMS (<https://international.ipums.org/international/gis.shtml>)
2. Bathymetry data: Michael Baker International
3. Marine Highways: MARAD/DOT