

## PURPOSE

The Southeast Michigan Freight Plan aims to identify the region's key freight needs, anticipate emerging trends, and guide investment decisions to ensure safe and efficient movement of goods while maintaining a careful balance between community and freight needs.

## KEY FREIGHT PLAN ACTIVITIES

It is increasingly important that freight considerations are proactively integrated into policy and infrastructure to ensure safe, reliable, and sustainable goods movement across Southeast Michigan. Key freight plan activities include: Existing Conditions Analysis, Freight Commodity Flows Analysis, Freight Resiliency Assessment, Freight Community Impacts Analysis, and Freight Activity Centers Identification.

## REGIONAL FREIGHT ISSUES

## EMERGING TRENDS & TECHNOLOGIES

Advancements are reshaping freight patterns and freight-related industries. This includes preparing for changes in freight volumes and commodity flows, growth of e-commerce, last-mile delivery, decarbonization and alternative fuels, Advanced Air Mobility (AAM), and autonomous delivery technologies.

## FREIGHT RESILIENCY AND COMMUNITY IMPACTS

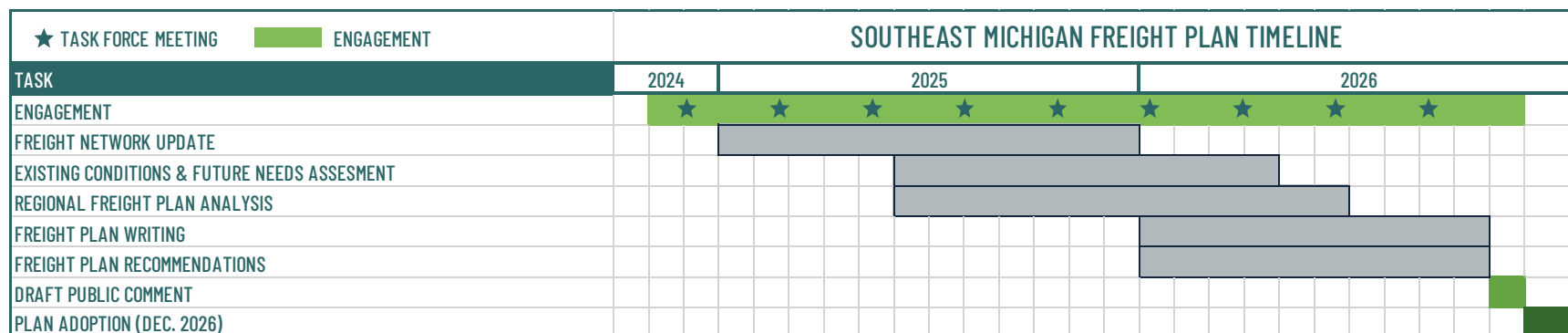
Disruptions to the multimodal freight network and supply chains have impacts on our economy, health, and safety. Regionally we benefit from trade and efficient reliable goods movement. However, some communities face negative externalities of freight movement more than others.

## TRUCK ROUTING

As truck freight and freight-generating developments grow, there is a need to anticipate truck movements and strategically guide routing across jurisdictions and on roadways suited to their physical and operational needs.

## TRUCK PARKING

Inadequate truck parking affects the safety of commercial motor vehicle drivers and other roadway users as well as the efficiency of U.S. supply chains.



## ECONOMIC IMPORTANCE OF FREIGHT

Southeast Michigan's geographical position, existing transportation network, and economic base make it a crucial gateway to Canada, the Great Lakes/St. Lawrence Seaway, Chicago, the Midwest, Mexico, and beyond. Efficient freight movement within this system is essential for the region's economic growth and vitality. The region is well served by every mode to ensure efficient goods movement. Key freight assets include eight international border crossings, four Class I railroads, six intermodal terminals, four cargo airports, 4,000 miles of all-season truck routes, and 2,500 bridges support the movement of goods along the freight network. Additionally, marine ports and commercial terminals connect to the Great Lakes/St. Lawrence Seaway, enhancing global trade.



36% of U.S.-Canada border trade crosses through Southeast Michigan ports of entry.



428 million tons of freight is moved annually in Southeast Michigan which accounts for around 769 billion dollars' worth of goods.



Approximately 25% of the total jobs in Southeast Michigan are reliant on the freight industry.



MANUFACTURING



WHOLESALE/RETAIL TRADE



CONSTRUCTION



WAREHOUSING



TRANSPORTATION

## GET INVOLVED

SEMCOG has convened a Freight Task Force to guide the development of a Regional Freight Plan for Southeast Michigan and engage regional partners in consensus building, decision-making, and plan implementation. Visit SEMCOG's Freight Hub website for more information on how to stay up to date and be involved in plan implementation.



Photo credit: Michigan Department of Transportation