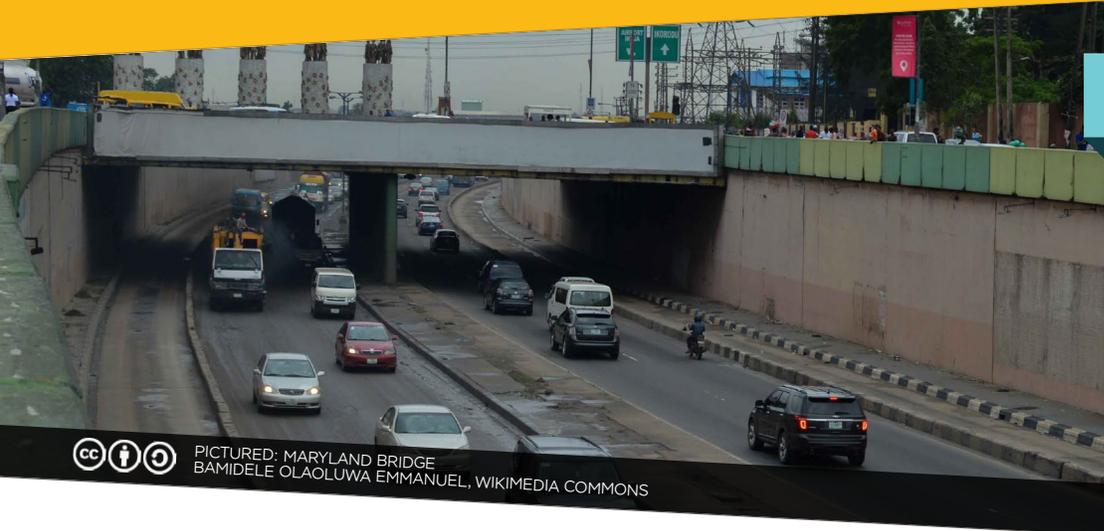# Homeland Security Preparedness

Transportation agency collaboration with public safety and security officials to design critical transportation infrastructure and information systems

TSMO
MARYLAND TRANSPORTATION SYSTEMS MANAGEMENT & OPERATIONS

PICTURED: MARYLAND BRIDGE
BAMIDELE OLAOLUWA EMMANUEL, WIKIMEDIA COMMONS

TRANSPORTATION NEEDS ADDRESSED

- Capacity and Demand
- Travel Time
- Reliability
- Mobility
- Special Events
- Incident Response
- Safety
- Freight

HOW WILL THIS HELP?

✓ Improves safety by building, maintaining, and operating a resilient transportation system.

HOW DOES IT WORK?

✓ Develop plans for identification of, response to, and mitigation of homeland security threats.

✓ Develop operational plans that consider the resources required in case of a threat.

✓ Planners consider what tasks transportation personnel will be expected to undertake and how they should be trained to meet those expectations.

✓ Planners and designers must plan evacuation routes and establish redundancy for essential communications.

COST MAGNITUDE

CAPITAL COST

OPERATION AND MAINTENANCE COST

WHEN TO CONSIDER THIS STRATEGY

✓ ROADWAYS IDENTIFIED AS PRIMARY EVACUATION ROUTES

✓ ROADWAYS THAT SERVE SPECIAL EVENTS

CONSIDERATIONS

+ THE TOOLS NEEDED VARY DEPENDING ON THE MONITORING, CONTROL, AND INFORMATION SHARING TACTICS INCLUDED IN DESIGN OR MITIGATION PLANS.

+ PLACE CCTV SYSTEMS IN AREAS OF HIGH INTEREST, SUCH AS BRIDGES AND TUNNELS.

+ INCLUDE ALARMS ON ACCESS DOORS AND EQUIPMENT CABINETS.

+ PLACE BARRIERS OR GATES AT ON/OFF-RAMPS TO CLOSE A ROAD DURING AN EMERGENCY.

COMPLIMENTARY STRATEGIES

✓ INCIDENT MANAGEMENT

✓ TRAFFIC SURVEILLANCE

✓ TRAVELER INFORMATION

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION