

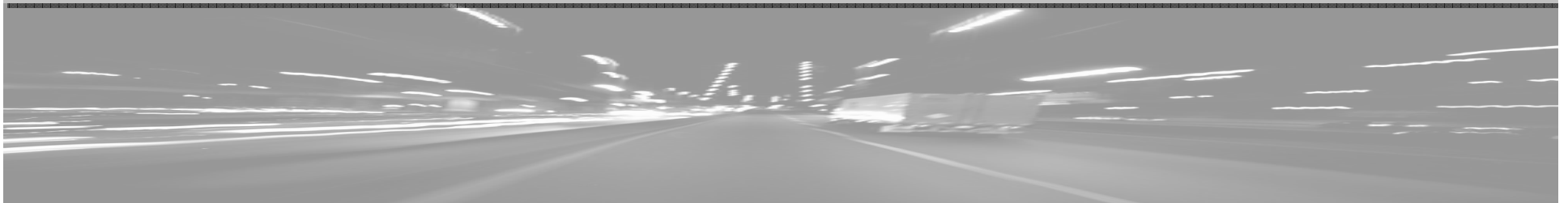
# Department of Transportation

## Defining SE Baltimore Truck Routes



# City-Wide Truck Map Goals

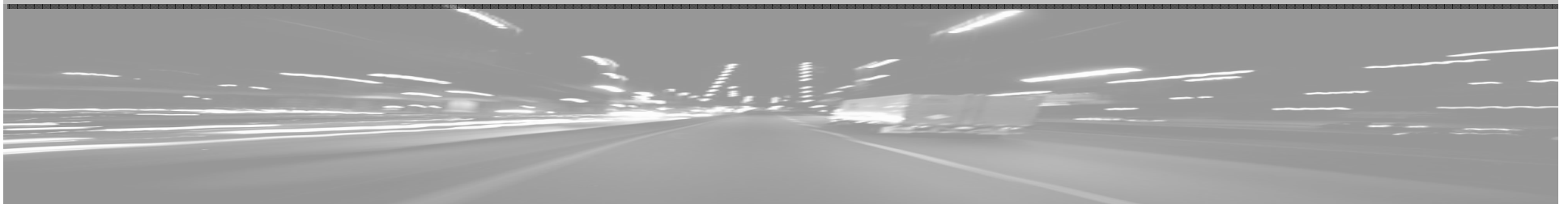
- Goal is to produce a City-Wide Truck Route Map
- ✓ Truck Map will be a catalyst for fostering better relationships between neighborhoods and industrial activities.
- ✓ Provide understanding of necessity of trucks to have the ability to deliver goods and contribute to economic growth.
- ✓ Create a comprehensive truck route that is easy to understand, enforce and eliminates confusion.





# Truck Study Goals

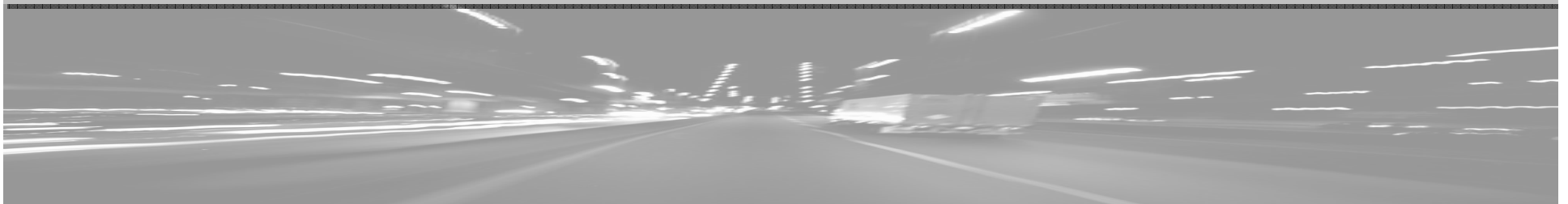
- Baltimore City Comprehensive Master Plan 2007-2012
- Goal 3: Improve Transportation Access and Choice for City Residents:
  - ✓ Create a Comprehensive Transportation Plan to Improve Mobility and Choice Strategy
  - ✓ Implement Transportation System Management (TSM) techniques to improve the efficiency and safety of existing roadway system
  - ✓ of Live Earn Play Learn: The City of Baltimore's master plan strategy





# Truck Study Process

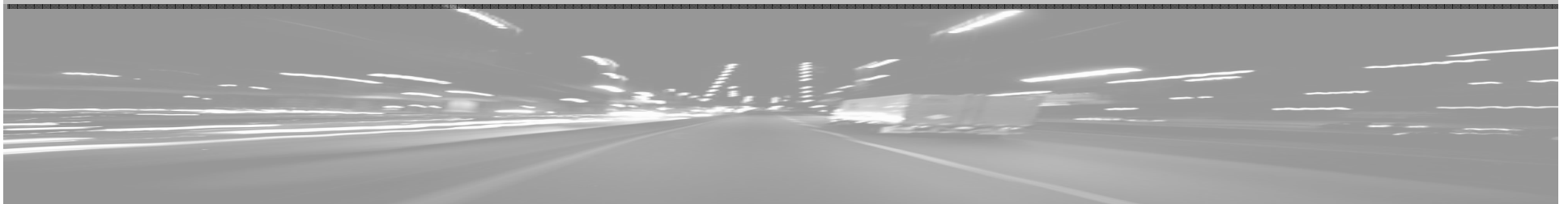
- Inventory the existing signage and posted restrictions.
- Prior to making changes, a clear grasp of the existing conditions is needed.
- In order to concentrate and mobilize a pilot study in the southeast (SE) corridor was initiated in 2008 and completed December 2009 by DOT.
- Full signage inventory of the entire city will be completed 2011.
- New City-wide Truck Route Map Completed end of 2010





# Truck Study Project History

- **First Project Meeting – January 29, 2008**
  - Purpose: to discuss freight movement throughout the City
- **Kick Off Meeting with Task Force– March 13, 2008**
  - Purpose: to provide a clear pathway for the movement of freight through and throughout the City of Baltimore
  - Identify key stakeholders and their roles in the process of developing a TRUCK ROUTE MAP
  - Identify the boundary of SE Study Area
    - Orleans St to the north,
    - Interstate 83 to the west,
    - City/county line to the east
    - Water to the south





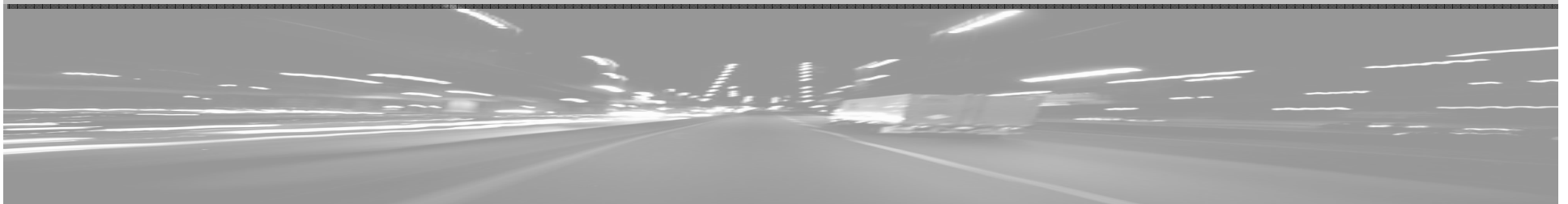
# Truck Study Project History

## ■ **Working Session June 9th 2008**

- Purpose to identify educational components for the truck map and study process
- Identify audiences: residents, truckers, law enforcement and businesses
- Develop materials to help raise the awareness educational components

## ■ **Working Session July 24th 2008**

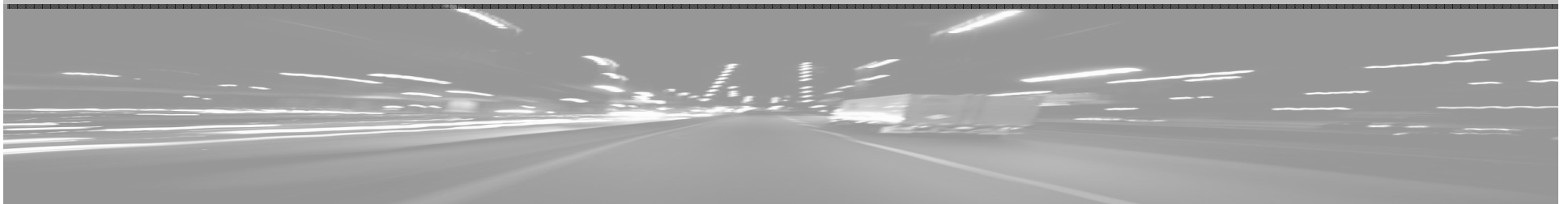
- Purpose: identify and map the components
- Components include Truck Route, Through Route, Local Route, Restricted Route, Permitted Route.
- Major through-ways have been identified





# Truck Study Project History

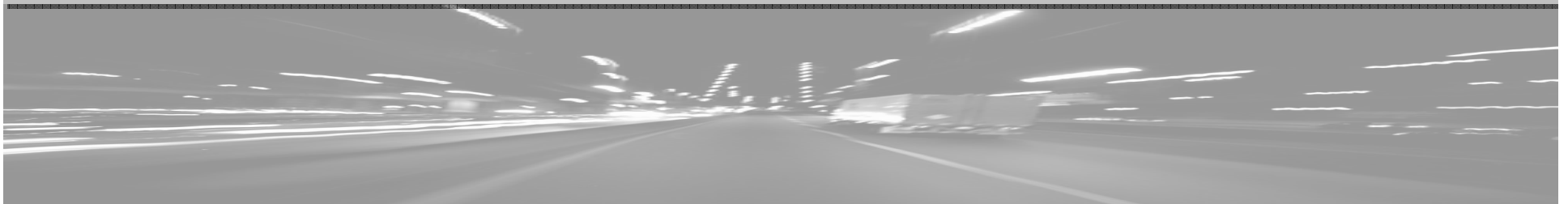
- **Truck Study Status as of October 27, 2008**
- Elements of the Map
  - Bridge locations and heights,
  - Zoning
  - Building footprints
  - Large truck destinations
    - (gas station, supermarket, truck stop)





# Truck Study Education

Community Leaders  
Community Members  
Truck Drivers  
Law Enforcement  
DOT  
Commercial Businesses  
Port Operations  
Trucking Industry / Associations





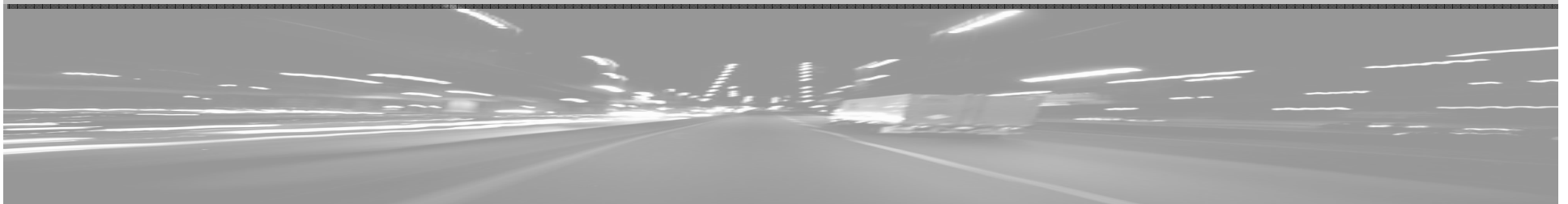
# Truck Study Education

## Definitions:

**Truck – Trucks are defined by class/weight**

Can't create truck restrictions on truck usage – some trucks are okay (UPS/FedEx) everything else is not?????

**Route – Routes are determined using roadway classification, load capacity, bridge clearance, and geometry.**



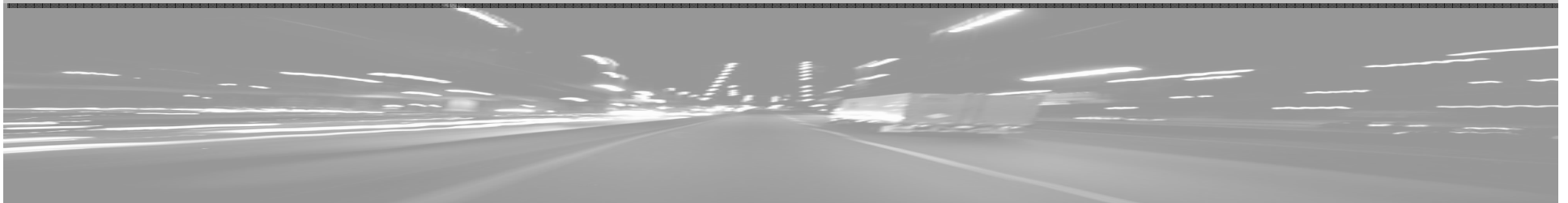


# Truck Study Definitions

## ■ *Truck:*








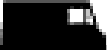





Motor Vehicle, except a multipurpose passenger vehicle that is designed used or maintained primarily to carry cargo property.

*As defined by MD Vehicle Law*

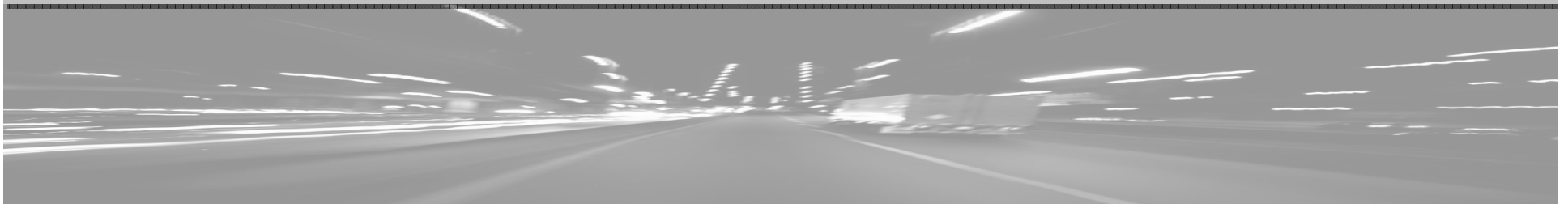




# Truck Study Definitions

<b>CLASS 1</b> 6,000 lb & less	 Utility Van	 Compact Van
	 Pick-up	 Multipurpose
<b>CLASS 2</b> 6,001-10,000 lb	 Utility Van	 Compact Van
	 Pick-up	 Walk-in
<b>CLASS 3</b> 10,001-14,000 lb	 Milk Bread	 Walk-in
	 Compact Van	
<b>CLASS 4</b> 14,001-16,000 lb	 Conventional Van	
	 Large Walk-in	

- Small Delivery Vans
- Florists, Gift Baskets, Post office
- Small Contractor Trucks
  
- FedEx, UPS
- Grocery, Furniture
- Bread Trucks
- Dry Cleaning
- Food Delivery





# Truck Study Definitions

- Tree Trimming
- Landscape Trucks
- Junk Haulers
- Large FedEx, UPS
- Moving, Ryder, U-Haul
- Large Furniture trucks
- School Buses
- Service to Restaurants
- Trash Trucks
- Recycling Trucks
- Home Fuel
- Tow Trucks
- Transit Buses

CLASS 5  
16,001-19,500 lb



Rack



Tree Specialist



Large Walk-in

CLASS 6  
19,501-26,000 lb



Furniture



School



Coe Van



Single Axle Van

CLASS 7  
26,001-33,000 lb



Home Fuel



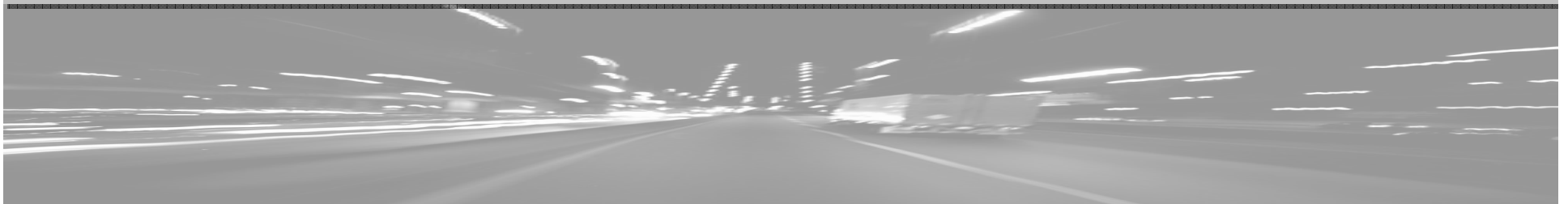
Transit



Trash



Medium Conventional





# Truck Study Definitions



Platform



Drop Frame



Dump



Reefer



Deep Drop



Auto Trans



Van



Doubles



Liquid Tanker



Dry Bulk



Logger

CLASS 8  
33,001 lb & over



Dump



Cement

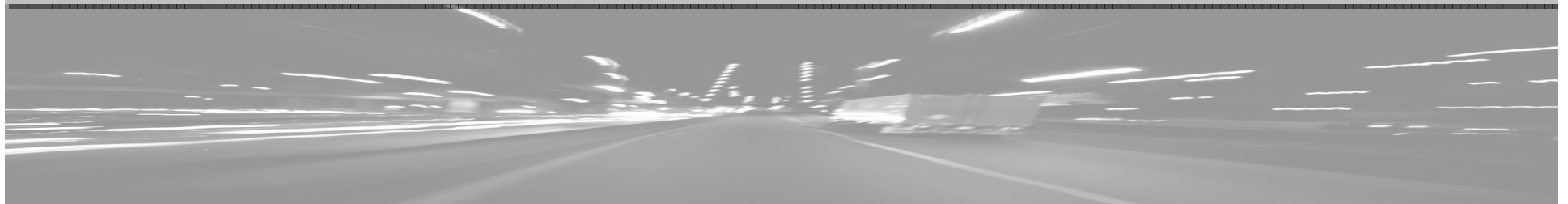


Extra Heavy  
Tandem Conventional



Coe Sleeper

- Dump Trucks
- Construction Trucks
- Cement Trucks
- Tractor Trailer Trucks
- Heavy Duty Trucks with Trailers





# Truck Study Definitions

## Port Trucks

### SOUTHEAST/DUNDALK/ESSEX/SEAGIRT PORT TRUCKS



Port Container Truck 1



Port Container Truck 2



Port Container Truck 3

### NON-PORT COMBO TRUCKS (18-WHEELERS)



Domestic Cargo Combo Truck

### FAIRFIELD/MASONVILLE PORT TRUCKS



Fuel/Asphalt/Molasses Delivery Trucks



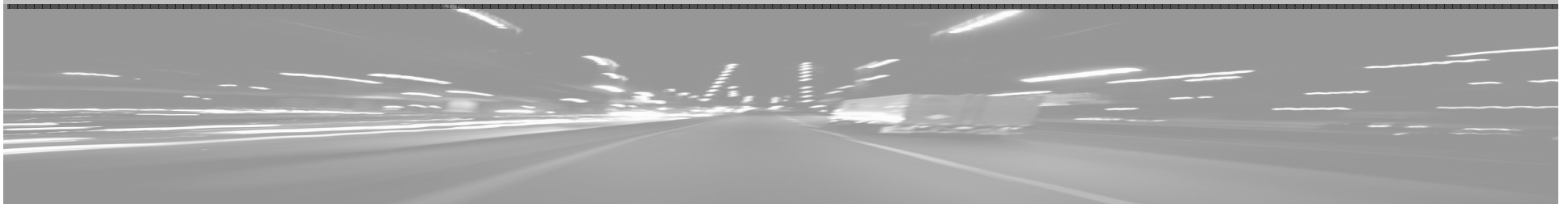
Car Carrier Truck



# Truck Study Definitions

- ***Truck Route:***

A path in and through the City of Baltimore where roads are capable of handling Trucks weights with the intention of reducing the impact of truck traffic through nearby residential neighborhoods.

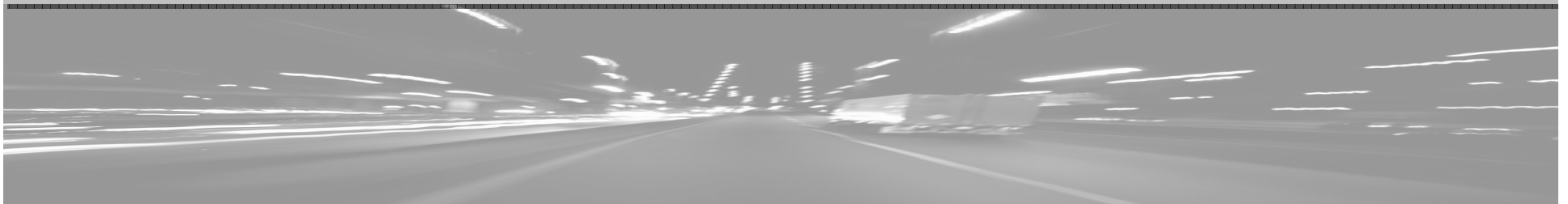




# Truck Study Definitions

- ***Through Route:***

Approved route(s) trucks should take through The City of Baltimore with the end purpose of arriving at a major highway.





# Truck Study Definitions

## ■ *Local Route:*

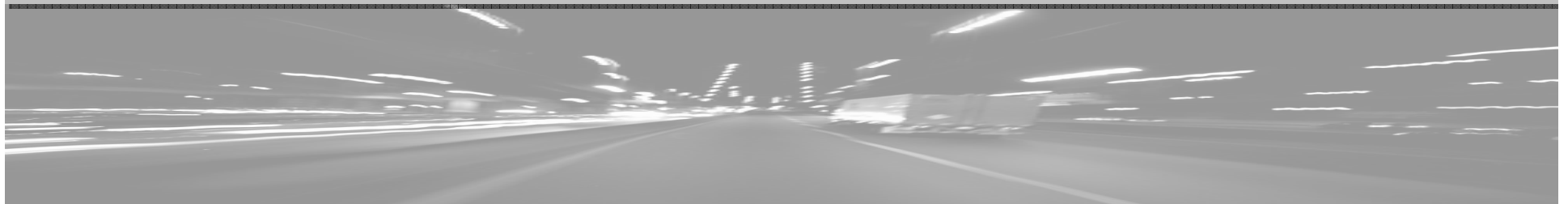
Route designated to move a truck from a truck route to the destination (Home, Office, Retail)



(Goods and Services)



(Home, Work, Shopping)



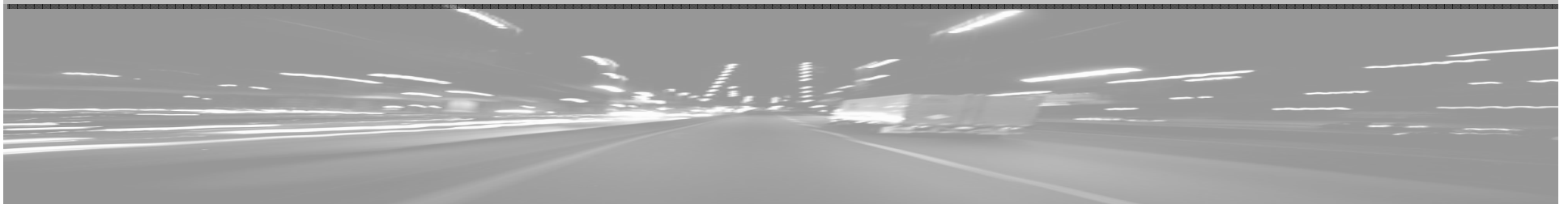


# Truck Study Definitions

- ***Restricted Route:***
- Route that has specific truck
- restrictions including size, weight,
- height, hours of movement



- ***Truck Restriction(s):***
- Restrictions Based on Vehicle type
  - Tractor Trailers
  - Port Trucks
  - Over sized



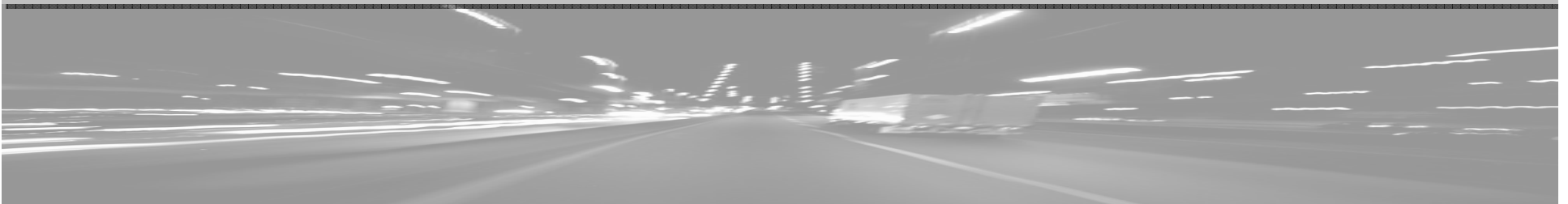


# Truck Study Definitions

## ■ ***Permitted Route:***

The route a truck will travel for local delivery.

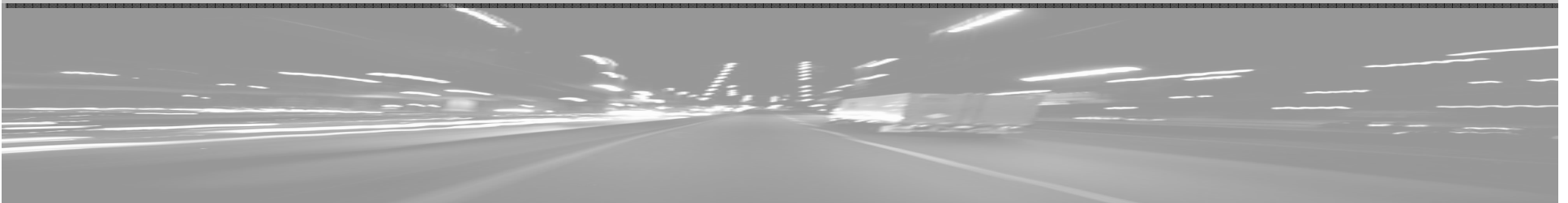
- All trucks must travel on designated local and through
- routes to the intersection nearest their designation.
- All posted restrictions must be obeyed.
  - The route meets engineering criteria
  - Both Through and Local routes are Permitted Route





# City-Wide Truck Map Current Routes

- Current system is:
  - Reactive
  - Confusing
  - Hard to enforce

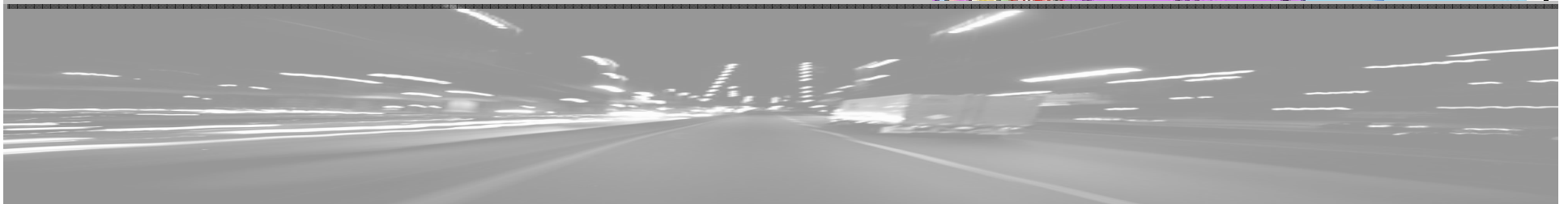
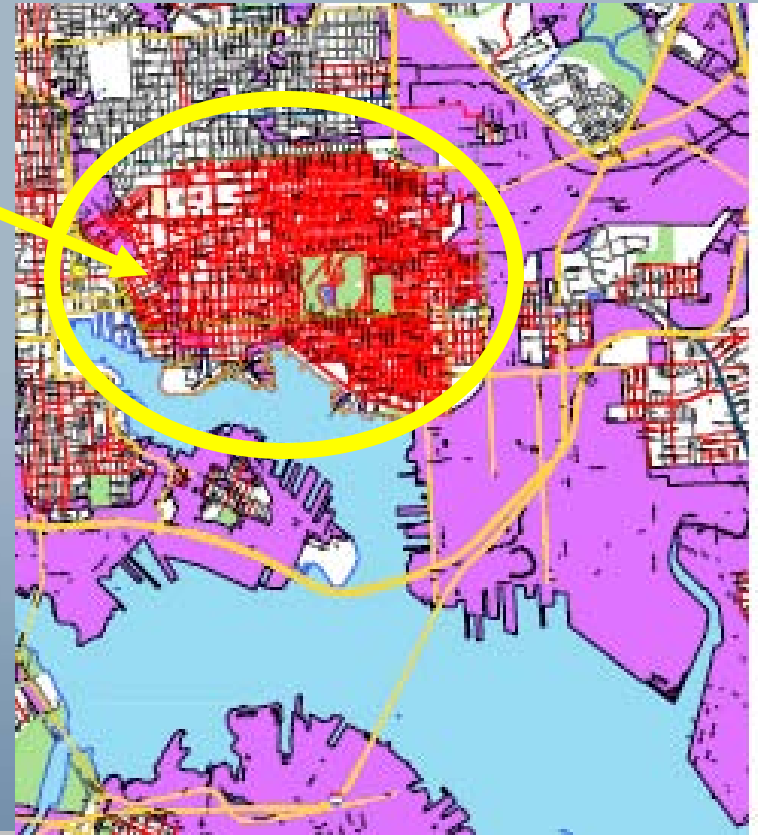




# Truck Study Restricted Route Map

Red designation of existing  
Restrictions -  
entire area is restricted

- Current system:
  - Reactive
  - Confusing
  - Hard to enforce

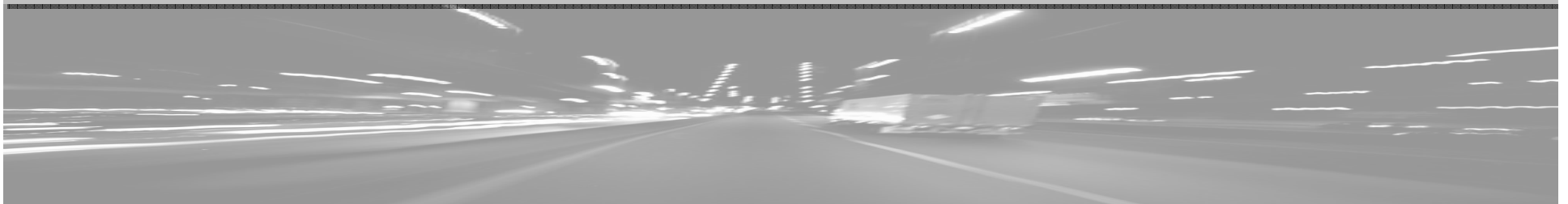




# SE Truck Route Map

## How do Truck Drivers Get Around

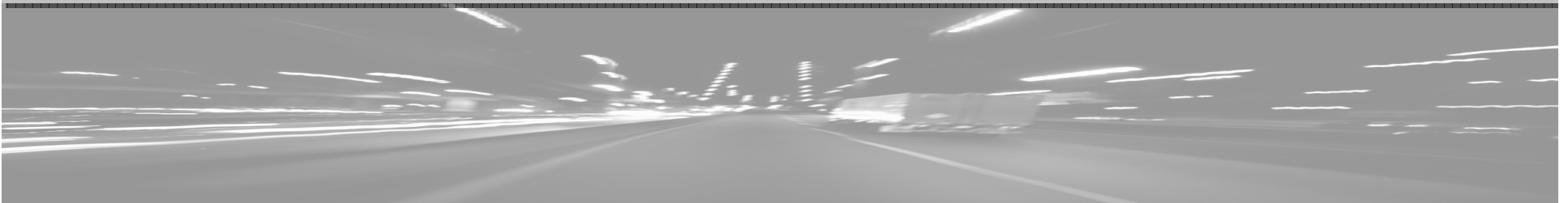
- Proposed SE Truck Route Map
  - Proactive – Show the Truck Driver where they are suppose to drive.
  - Distribute the burden of truck routes across all neighborhoods in the SE.
  - Allows for enforcement of the truck routes and violations by law enforcement agencies.





# Truck Map City-Wide

- Truck Routes:
  - Local route: provide the shortest distance where the street capacity will allow trucks to move.
  - Through route: provide the shortest distance to allow trucks to move through and out of the City
  - Apply method starting with the major road ways and then focusing on the minor arterials to determine the best routes city-wide.

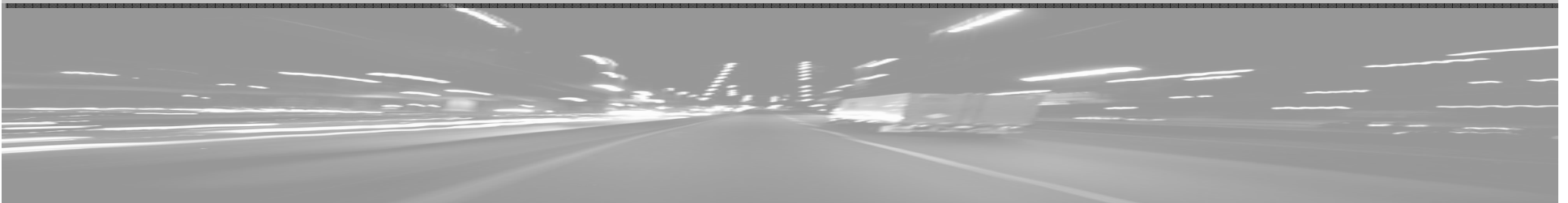






# City-Wide Truck Map Schedule

- Draft Report / Map SE – Dec 2009
- Community Meetings SE Jan 2010
- SW Truck Map March 2010
  - Community Meetings April 2010
- NW Truck Map May 2010
  - Community Meetings June 2010
- NE Truck Map July 2010
  - Community Meetings August 2010
- Complete SE Truck Map Sept 2010
- Final City-Wide Truck Map Completion November 2010





Thank You

