

PROJECT PURPOSE AND NEED

301 US 301 Project Development

Purpose and Need

Three Key Components:

- Improve safety
- Manage truck traffic
- Reduce roadway congestion



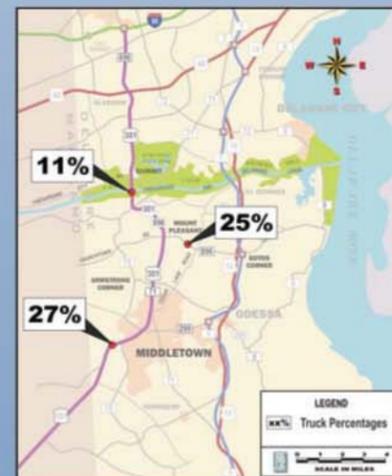
Improve Safety

- From October 1999 to September 2004 - 1200+ reported accidents in study area (US 301, SR 896, SR 299, and SR 15)
 - ▶ 34% Involved injury or death
 - 395 Injury accidents
 - ▶ 20 Total fatalities
 - Half (10) on US 301 south of the C&D Canal
- High Accident Locations
 - ▶ Several roadway segments of US 301 / SR 896 are on DeIDOT's Highway Safety Improvement Program (HSIP) list



Manage Truck Traffic

- US 301 used as Mid-Atlantic Region truck route, bypassing I-95 corridor congestion and tolls.
- High percentage of truck traffic on US 301
 - ▶ 27% Trucks at DE/MD State Line
 - ▶ 25% Trucks on Boyds Corner Road
- Mixing a high percentage of truck traffic with local traffic affects roadway operations and safety.



Note: Truck weigh station at DE/MD State Line to be implemented per MIS recommendation

Reduce Roadway Congestion

- Separate local traffic from US 301 through traffic, especially trucks.
- US 301 Major Investment Study (MIS) multi-modal related recommendations have been, or are, being implemented (See Display 10).
- Despite these non-capacity improvements, traffic growth during the last 5 to 10 years in the Study Area has exceeded projections and is expected to continue into the future.
 - ▶ Need to develop roadway capacity improvements

