



I-95 Weigh Station Technology



All trucks notified of Weigh Station and whether it is opened or closed.



All trucks approaching the Weigh Station are directed into the right hand lane by sign located prior to the Mainline Weigh-in-Motion sensors.



As a truck first passes over the Mainline Weigh-In-Motion (WIM), the equipment in the right lane will collect **axle weight and spacing, gross vehicle weight, vehicle speed, classification, and vehicle length.**



Trucks' height is measured on mainline as well.



Mainline License Plate Reader checks compliance against federal and state databases for compliance with weight standards and licensing regulations.



An Overview Camera system captures images of trucks as they travel past the Weigh-In-Motion (WIM) and License Plate Reader (LPR) locations. Images of trucks are transmitted with the vehicle record (i.e. weight, vehicle length, over-height indication, etc.) to the weigh station computer.



If a truck is pre-cleared -- based on weight, credentials and other criteria -- to bypass the weigh station, a change management sign notifies the driver to either proceed or enter the weigh station.



A secondary Ramp WIM system is located on the I-95 exit ramp. As with the Mainline WIM, if a commercial vehicle is pre-cleared, a sign notifies the driver to bypass the Weigh Station. If the weight or credentials need to be checked further, or the truck is selected for random inspection, a sign notifies the driver to proceed to the static scales.