Anatomy of a CTDOT Plow Truck

- **53,800 lb gross vehicle weight (Tandem)**
- **36,000 lb gross vehicle weight (Single Axle)**
- **12 ft reversible front plow can push snow to the right or left of the truck**
  - Clears 10 ft of roadway
- **10 ft wing plow**
  - Clears 8 feet of roadway
  - Expands the plowing width when used in conjunction with the front plow
- **14-ft combination material spreader and dump body**
  - The body holds dry material (Salt)
  - The material is discharged out of body to conveyor system that distributes to the left, right or both discharge spinners
  - The application of the dry material is controlled by ground speed based controller in the cab to insure the proper discharge rate regardless of speed
- **260 gallon pre-wet tanks**
  - Two 130 gallon tanks store salt brine or liquid magnesium which is discharged onto the dry material as it leaves the combination material spreader body
Anatomy of a CTDOT Plow Truck

• Liquid initiates the melting process much faster than dry material alone
• Liquid also makes dry material stick to the road rather than getting blown off to the sides

➢ Each snow plow truck has high intensity LED flashing warning lights and a reflectivity package that provide 360-degree warning around the truck