



MnDOT Snow Plow Truck Fabrication Process

Northeast and Midwest Joint Equipment
Management Meeting
June 23–27th, 2013

Your Destination...Our Priority



MnDOT – ‘By the Numbers’

- 8 Separate Districts within the state
- 30,637 Lane miles statewide
- 800 Plow Trucks
 - 360 Single Axle
 - 440 Tandem Axle
- 1,146 Priority One Drivers



MnDOT Plow Fabrication

- Plow Truck Standards Committee
- Develop Specifications and issue contracts
 - Cab/Chassis
 - Box and Hydraulics
 - Components – Sander, Underbody Scraper, Front Plow, and Wing
 - Small Parts
- Issue POs



MnDOT Plow Fabrication

- ▶ Order
- ▶ Phase I
- ▶ Phase II
- ▶ Phase III
- ▶ Finalization
- ▶ Delivery



Phase I



Phase I



Phase I



Dept of Corrections

- ▶ Wing
- ▶ Push Pole
- ▶ Wing Lift Assy.
- ▶ Mounting plates
- ▶ Tool Box
- ▶ Cab Shield/Support

















Phase I



Phase I



Phase II

- Up-Fit vendor installs:
 - Hydraulic system
 - Dump body
 - Front Plow hitch



Phase III



Phase III



Phase III



Phase III





MnDOT Central Shop-Fort Snelling



Questions?



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