Autonomous TMA Truck (ATMA)

Operational Capabilities
First Operational Use

- August 18th
- 0.4 mile stretch of road in Fort Collins, CO
- Striped center lines and edge lines
- ATMA autonomously followed paint truck
- Livestreamed operation
First Operational Use
Reaction to Traffic
Current System Limitations

• Constant gap
• Traffic lights
• Overpasses/Tunnels
• Turn signal activation
• Radar around corners
Current Operational Capabilities

- Follows lead vehicle with high accuracy
- Allows for quick and safe emergency stop from lead vehicle
- Provides protection to a striping operation within certain conditions
  - No GPS denied environments
  - No complex maneuvering through town, etc.
Questions?