

# Contagious Diseases

- Very good at Transportation Emergency Preparedness Planning/Response
  - Common platform for manmade disasters (accidents, safety, security) or severe weather
  - Established plans, protocols, relationships and drills
- Not so good on pandemics – transportation is lacking as identified in the Dec. 2015 GAO report on Aviation
- However, could rapidly close gaps from active collaboration and partnership with Health and Medicine Division/National Academy of Medicine
  - Applies to human health, livestock, and agriculture

# Contagious Diseases Continued

- ▶ Vehicle design and materials to inhibit the spread of disease.
- ▶ Best practices for transportation systems to run contagious disease exposure disaster training.
  - Muscle memory
  - Regional drills that involve more than just the system provider.
- ▶ Root cause analysis of the postmortem of prior events and dissemination of the lessons learned. After action review.
- ▶ Approach solutions and paths forward in partnership with Medicine and Transportation
- ▶ Convening groups to expand emergency procedures. Knock down barriers. Use existing lessons learned and add in livestock and human health to augment and enhance these lessons learned. Help the parties learn each other's language.

# Contagious Diseases Continued

- ▶ Know who to call, have the relationship already established. Strategic partnership.
  - ▶ Have avenues for global communication.
  - ▶ Drive the problems back to the root and treat it there before it gets out. The housing of livestock can greatly accelerate the growth and spread.
  - ▶ Identify potential additional sponsors that we should have at the table.
  - ▶ Solutions should be conformable to local conditions and potential disparate impacts on resource demand.
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