NEXTRANS SUMMIT

Indiana Dept of Transportation
May 5, 2008
Scratch our heads?
I 70 from the Beginning
I70 dedicated truck lanes

Proposed Interstate 70 Dedicated Truck Freight Corridor
Dedicated Truck Lanes

Design Concept
I-70 Dedicated Truck Lanes

• The I-70 dedicated truck lanes corridor is a corridor for the future.
• Will provide congestion relief for truck traffic and passenger traffic.
• The corridor will enhance safety
• Interstate 70 is a nationally significant economic artery
• Dedicated truck lanes can promote new economic efficiencies.
• The I-70 dedicated truck lanes corridor is a new logistics model.
• The proposed multi-state corridor is of such a large scale as to provide influence and set the stage for the future – looking at trucking operations, truck design and its applications.
Increased Efficiency

• On a cost-per-ton basis in comparison to a standard 53 foot, five axle combination truck with a gross vehicle weight of 78,000 pounds:
  • A seven axle, triple 28 foot trailer truck with a gross vehicle weight of 116,000 pound would be 20 % more productive
  • A nine axle, twin 48 foot trailer truck (turnpike double) with a gross vehicle weight of 127,400 pounds would be 24 % more productive.
The future

Interstates were built when this was the model

Pat Patterson Collection

Roads are needed when this happens