Indiana DOT

In House Chip Seal Productivity
• In house chip seals constitute the vast majority of Indiana’s pavement preservation surface treatments
• Preservation candidates/needs are determined by District Pavement Engineer
Preservation Surface Treatment Accomplishments

FY 2015 (Planned)  1642  374
FY 2014  1411  302
FY 2013  1514  371
FY 2012  1424  283
FY 2011  1161  296
FY 2010  705  210
FY 2009  444  92

Red: Contract  Blue: In-House
• As always, do more with less...
• Conducted efficiency study to determine “opportunities for improvement”
• Developed “Value Stream Maps” for each District’s operation
Low Hanging Fruit

- Switching Trucks (19% of time)
- Waiting on Trucks (13% of time)
- Waiting on Emulsion (11% of time)
- Closing Roads
  - What are other state’s doing?
• How we are tracking – Accomplishment/Manhour

Chip Seal CY 2014 Productivity
8/26/14
• Potential Benefits

  – Getting to 55% “uptime” would mean a 31% increase in lane miles covered
    • FY 15 1,642 Lane Miles could go to 2,150
  – Chip seal philosophy – “get in, get out”
  – Closing roads – reduced complaints/tort claims
Questions???

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