Kansas Turnpike Bridge Polymer Program

2015 MWBPP Annual Meeting
September 30, 2015
236 Miles Interstate
I-70, I-335, I-35
1000 Lane Miles
22 Toll Plazas
349 Bridges
How we started
Research & Development

OLD BEAD POT

COMPRESSOR
Surface Preparation
Year End Numbers

- 2007 – 2 Bridges
- 2008 – 14 Bridges
- 2009 – 31 Bridges
- 2010 – 27 Bridges
- 2011 – 20 Bridges
- 2012 – 12 Bridges
- 2013 – 19 Bridges
- 2014 – 15 Bridges
- 2015 – 22 Bridges
In 2011, we started double coating surfaces.
Price Trend

*In 2011, we started double coating surfaces*
Labor

• In 2008 we used a 10 person crew
• In 2013 we used a 6 person crew
• In 2015 we are using a 5 person crew
Contractor vs KTA Costs

- KRB 15,000ft - $29.88yd / $3.32ft
  - With mobilization / traffic control
- IN house - $22.00yd / $2.44ft
  - With mobilization / traffic control
Benefits / Lessons Learned

- Flexibility vs contract
- Set our own schedule
- We are the owners
- Traction coat / winter application
- Older decks to prolong life
- HazMat / Air quality
Other uses