KYTC Uses of Innovation and Technology

Kevin Martin, TEBM, Developmental Branch, Division of Highway Design, HEEP Vice President 2016
Innovation Grants

• EDC (Every Day Counts)

• STIC (State Transportation Innovation Council)

• AID (Accelerated Innovation Deployment)

• SHRP2 (Strategic Highway Research Program)

*In Partnership with Federal Highway Administration
Technology

- 3D Modeling
- eConstruction
- Intelligent Compaction

Photo Credit: Volvo
Technology cont.

- KURTS (KY Utilities and Rail Tracking System)
Construction Process Improvements

- Milton-Madison Bridge Slide
- Design Build for Louisville Bridges
Innovative Project Financing

• PPP or 3P (Public-Private Partnership)

• AID Grants (Accelerated Innovation Deployment)
London Roundabout

- Intersection Congestion Mitigation
- Safety Improvement
- Used $1 million USD to advance project into Construction