

Kansas Department of Transportation

- Kansas Crash Data System Replacement
- KC Scout Optical Networking Services Backbone Replacement
- Presenters:
 - Burt Morey, Deputy Secretary
 - Shawn Brown, Chief Information Officer

Kansas Crash Data System Replacement

- Project Purpose
- Previous System
- Estimated Cost
- Key Milestones/Timelines
- Anticipated/Potential Risks
- Questions

Kansas Crash Data System Replacement

Project Purpose

Crash data collection is required for NHTSA and FSWA funding and are critical data sets for state, regional, and local entities. The system will:

- Improve timeliness
 - Allows receipt of electronic data from law enforcement agencies in a more standardized format.
- Improve data accuracy
- Reduce cost to receive crash reports
 - Eliminate cost of redundant manual entry and review
- Current System is built on aging technology and needs to be replaced.

Kansas Crash Data System Replacement

- Previous System
 - 60,000 crash reports received yearly from 451 LEAs
 - System originally developed in 2008
- New system allows KDOT to import their data from differing systems to our system without alteration.
- Better leverage local systems investments.

Kansas Crash Data System Replacement

- Estimated Cost
 - Delivered Production System: \$1,577,576
- Key Milestones/Timelines
 - Project Planning: 03/07/2022 – 06/23/2023
 - On Plan and on Budget
 - Project Execution: 06/26/2023 – 04/29/2025*
 - * Subject to successful completion of Project Planning Phase
- Anticipated Go Live Date: 04/29/2025

Kansas Crash Data System Replacement

- Anticipated/Potential Risks
 - Financial
 - System Interface Changes
 - Project
 - Current system not documented well.
 - Personnel
 - Resource availability
 - Project member turnover

Kansas Crash Data System Replacement

Questions

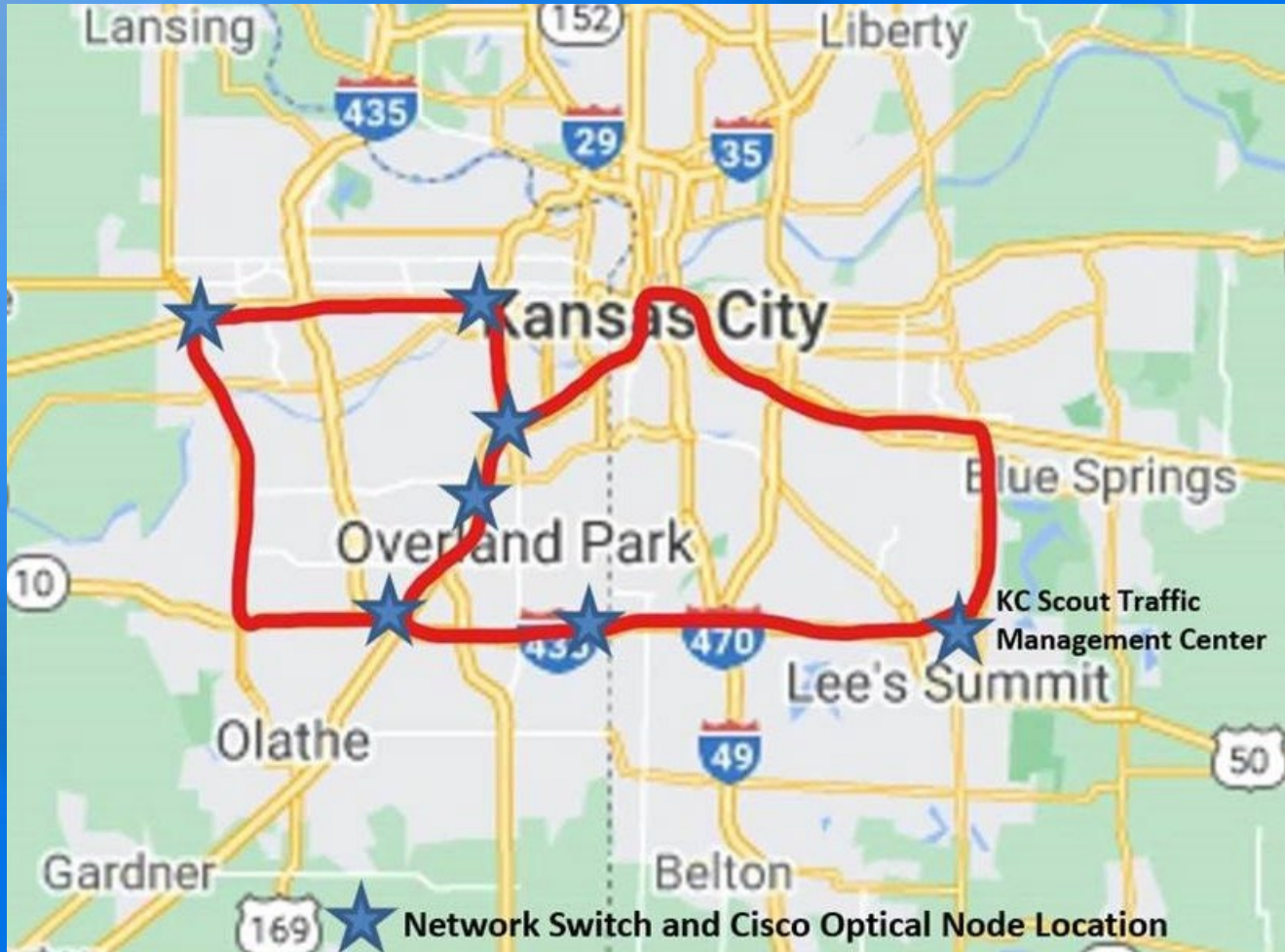
KC Scout Optical Networking Services (ONS) Backbone Replacement Project

- Project Purpose
- Previous System
- Estimated Cost
- Key Milestones/Timelines
- Anticipated/Potential Risks
- Questions

KC Scout Optical Networking Services (ONS) Backbone Replacement Project

- Project Purpose
 - Update end of life network switches in KC Metro Area
 - Communication switches connected to fiber and used to control signs, cameras & speed detectors
 - Kansas City Scout traffic management center operates to reduce congestion and improve safety

KC Scout Optical Networking Services (ONS) Backbone Replacement Project



KC Scout Optical Networking Services (ONS) Backbone Replacement Project

- Previous System
 - Original ONS network switches installed in 2000-2001
 - Reaching end of life for support of system – 2024

KC Scout Optical Networking Services (ONS) Backbone Replacement Project

- Total Estimated Cost
 - Contractual Services: \$ 39,900
 - Capital Outlay: $\$ \frac{912,477}{952,377}$
- Estimated Highway User Benefit from KC Scout System
 - Traffic Incident Management
 - Dynamic Message Signs (DMS) Travel Time
 - DMS Congestion Messages

KC Scout Optical Networking Services (ONS) Backbone Replacement Project

- Key Milestones/Timelines
 - Project Planning: 08/01/2022 – 01/12/2023
 - On Plan and on Budget
 - Project Execution: 02/21/2023 – 08/29/2024*
 - Anticipated Go Live Date: 08/29/2024

*** Subject to receipt of materials and finalization of project schedule with project Vendor.**

KC Scout Optical Networking Services (ONS) Backbone Replacement Project

- Anticipated/Potential Risks
 - Supply chain delay in receiving materials
 - Delay due to key staff turnover

KC Scout Optical Networking Services (ONS) Backbone Replacement Project

Questions