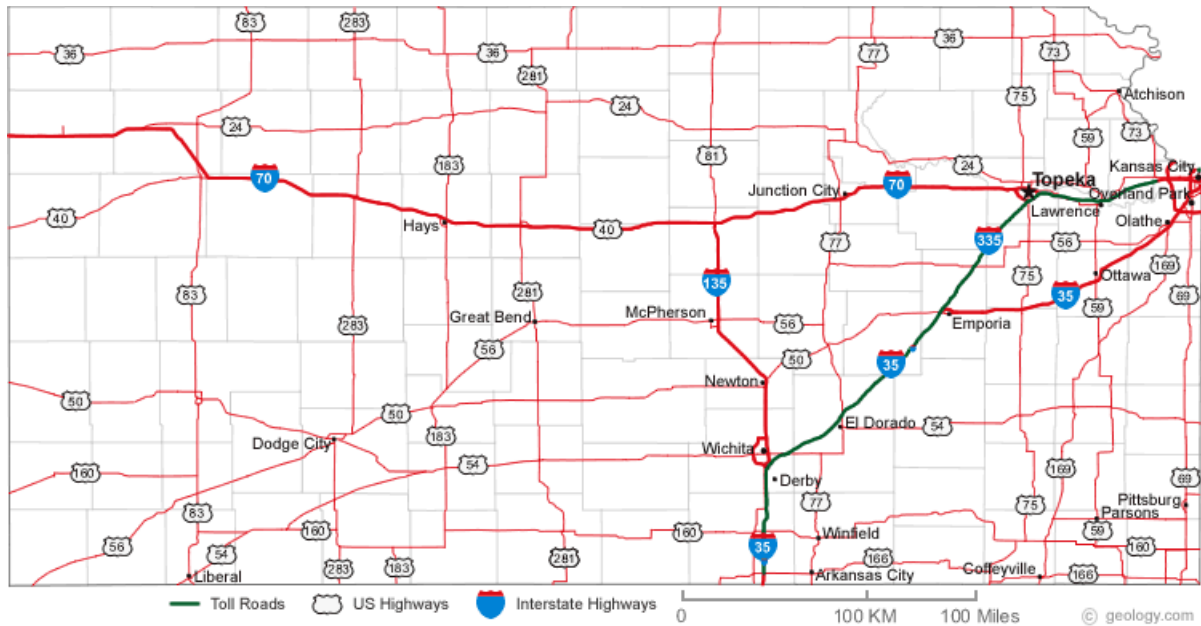


Innovative Approaches to Real-Time System Management Information

Karen Gilbertson
ITS/Traffic Operations Engineer
FHWA Kansas Division Office
May 21, 2014



KANSAS AND THE REAL TIME RULE



CHARACTERISTICS OF KDOT

- Centralized State DOT
- ITS Unit with small staff, attorney led
- Proactive Staff
 - Involved in the Rule-making Process
 - Pushed for a Session at ITS Heartland 3 years ago
- ATIS Coordinator position vacated
- Early Deployment Studies Completed in the late 90's



Process Used in Kansas

- First on the Schedule for Kick-off Meeting
 - Advantages and Disadvantages
- Homework with Spreadsheets
- Kick-off Meeting
- Small Group Interviews
- Key Group Conference Calls
- Assistance from Consultant – KDOT's call
- Sweeping Up the Dust Bunnies



Benefits, Values, Lessons Learned

- Making a Stab at the Homework before kick-off meeting worked well
- This isn't just one KDOT staff member completing a questionnaire from D.C.
 - Involved staff from HQ and field
 - Fostered ownership
 - Value of the process runs back up the line



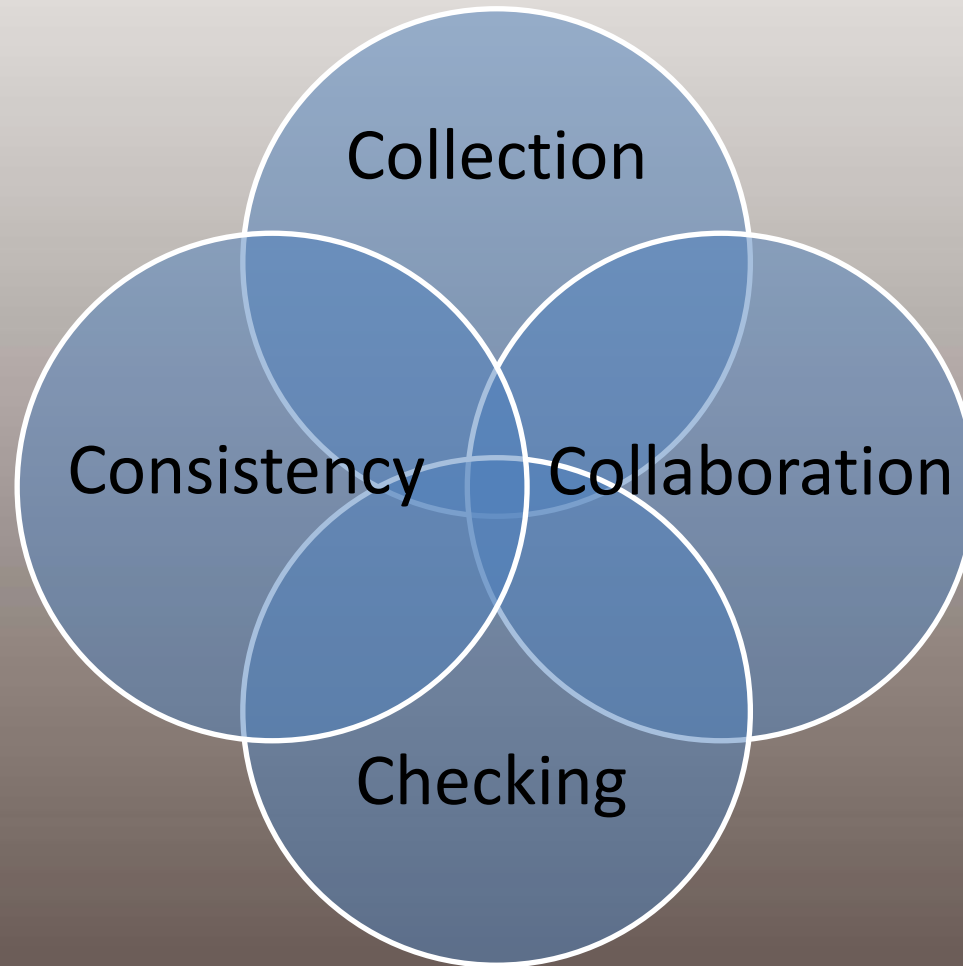
SECOND PHASE – 11/08/16

Routes of Significance

- Roadways similar in importance to Interstates
- Factors to Consider
 - Roadway Safety, crash rates
 - Congestion severity and frequency
 - Economic Productivity
 - Value as evacuation or diversion route



4 C's



FINDING THE NUGGETS!

- Recognition of program maturity
- Identifying the challenges addressed
- Credit to the advances in technology
- Taking pride in progress made



THE LAST DUST BUNNIES!

What are the thorny issues that remain?



ADDED THOUGHTS.....

- Consultant helped drive the process
- Division involvement
 - State DOT submits documentation
 - My role: No surprises. I know what's in it!
 - The Division's document reflects the Division's summary review



CONCLUSIONS

- Documentation of the Real Time System Management Information Program needed to be done in my state
- Spreadsheets helped review team to be consistent across areas of construction, incidents, road weather, ITS Architectures and Routes of Significance
- Avoid getting hung up on too fine a level of detail



REMEMBER WHO BENEFITS

THE TRAVELING PUBLIC

- Enhanced Operations across the state
- Congestion Mitigation
- Improved Traffic Incident Management
- Safety for all



CONTACT INFORMATION

Karen Gilbertson, P.E.

ITS/Traffic Operations Engineer

FHWA-KS

(785) 271-2448 ext. 209

Karen.gilbertson@dot.gov





UNITED STATES
DEPARTMENT OF TRANSPORTATION

Poll Question #4

How aggressive/proactive is your state in pursuing compliance with the 1201 regulation?

- Very proactive
- Somewhat
- Not at all