NG9-1-1
GIS Data Gap Analysis & Remediation Project

Region 5 Kickoff Meeting
Holton, KS
July 9th, 2014

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Housekeeping

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Introductions

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Purpose of this meeting

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Agenda

- Overview of GIS Project – Ken Nelson
- Status Update of Gap Analysis and QA Audit Projects (A&C) – Jessica Frye
- Master Street Address Guides – Mark Whelan
- Kansas GIS Data Standard – Sherry Massey

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Project Vision

- Develop a GIS database that meets the following criteria:
  - Statewide…covering every county & PSAP
  - Consistent…common set of data layers, data model, & implementation procedures (address points, road centerline, emergency service boundaries)
  - Current…regularly maintained
  - Authoritative…accurate & reliable
  - Standardized…Meets applicable Kansas & National Emergency Number Association (NENA) Next Generation 9-1-1 GIS Standards, Data Models, & Implementation Guidelines

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Statewide Gap Analysis & Remediation - RFP Process

- Purpose:
  - To provide a consistent and systematic review and remediation of GIS data used to support NG9-1-1 implementation. Establish and maintain *authoritative* data.

- Dates:
  - Posted - August 23, 2013
  - Closed - October 9, 2013
  - Awarded – December, 2013
  - Project Kick-off Meeting with Alexander Open Systems (AOS) on December 27, 2013

- Procurement Negotiation Committee (PNC) & RFP Advisory Committee established to review proposals

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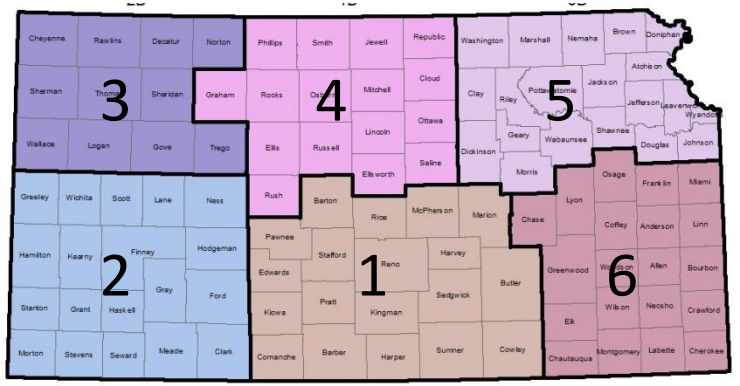
Statewide Gap Analysis & Remediation – RFP Details

- Project broken into three (3) phases:
  - Gap Analysis (Project A)
  - GIS Data Remediation (Project B)
  - GIS Data QA Testing (Project C)



- Rules:
  - Bidders could be awarded *Project's A & C* or *Project B*, but not both.
  - Project A must included review of a minimum of 25% of the data. Project C must review 100% of the data.

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Gap Analysis

Statewide GIS Data Gap Analysis (Project A) - evaluate existing local data to determine fitness for use and alignment with emerging NG-911 standards:

- State subdivided into 6 regions
- Gap analysis conducted by AOS, produce standardized "error" reports (XLS & GIS)
- Estimated completion timeline for all six (6) regions - July, 2014
- Jessica (AOS) will provide more detail later

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Remediation

Statewide GIS Data Remediation (Project B) – remediate all “errors” identified gap analysis:

- Approved remediation vendors include (alpha order):
  - ATCi
  - GDR
  - GeoComm
  - Kimble Mapping
  - R&S Digital
- Remediation vendors had to submit proposals under the original RFP process to be eligible for Project B contracts

Quality Assurance

Statewide GIS Data Quality Assurance (Project C) - QA testing of remediated data:

- Ensure all items in gap analysis report were addressed & data meets applicable standard(s)
- Analysis conducted by AOS

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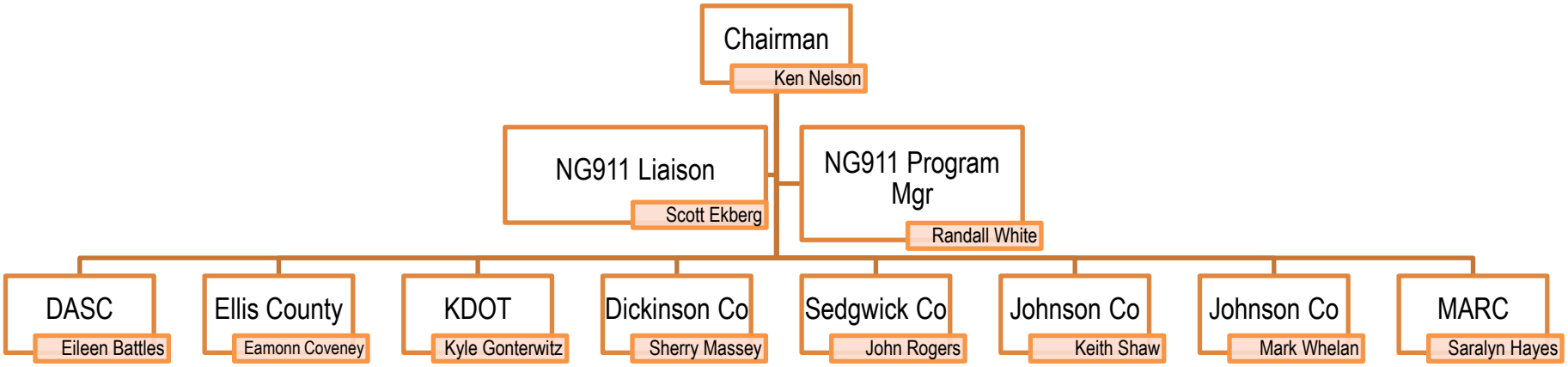
GIS Subcommittee's Role

GIS Sub-Committee of Technical Committee: Comprised of Council members and external GIS subject matter experts; tasked with recommending GIS data standards and protocols for use by PSAPs, telecommunications carriers, and GIS service providers; oversees RFI and RFP's issued on behalf of the Council and recommends selection of vendors and services; provides oversight of GIS service contracts approved by the Council and coordinates work of GIS providers with PSAPs and other NG911 system stakeholders; coordinates state level NG911 database administration with database administrator and NG911 stakeholders.

NG9-1-1 GIS Sub-committee



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GIS Subcommittee Activities

- Work with selected vendors on the GIS Data Gap Analysis & Remediation Project (Projects A, B, & C)
- Document business needs and RFP specifications for statewide imagery procurement
- Develop *Kansas NG9-1-1 GIS Data Model* to support Project B remediation activities and ongoing maintenance activities
- Develop and recommend aggregation & maintenance strategies for statewide master repository

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GIS Subcommittee Activities - ctd

- Coordinate with technical committee and others to develop a training program to support the operation and maintenance of the NG9-1-1 GIS components

- Develop GIS-related portions of the 911 Council's *Governance Policy*

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