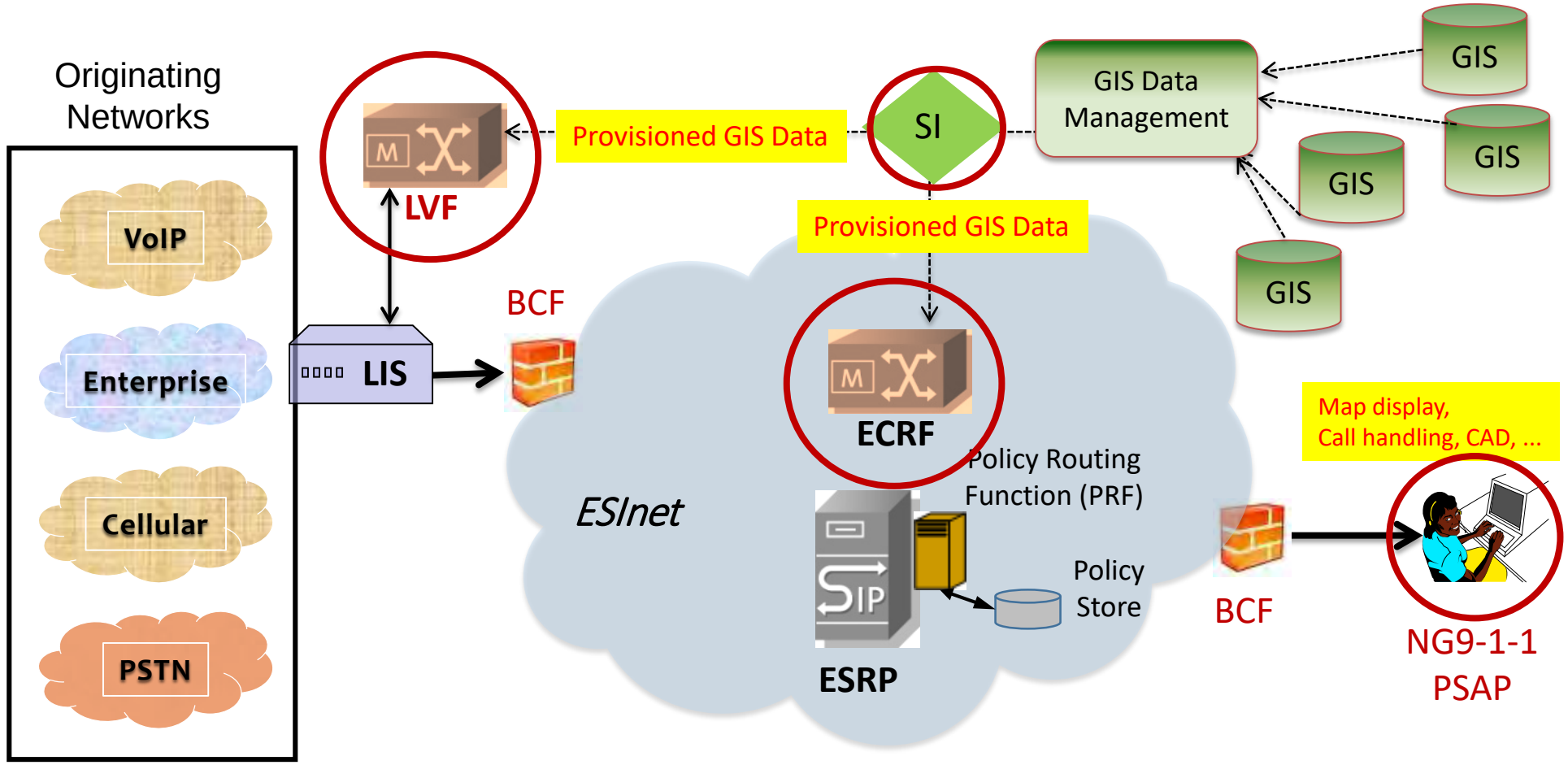
9-1-1 STANDARDS & BEST PRACTICES CONFERENCE

NENA
THE 9-1-1 ASSOCIATION

The Future of GIS in the 9-1-1 World

Jason Horning, ENP
Marc Berryman, ENP
Jeff Smith

Where is GIS Data Used in NG9-1-1?



Data Sharing / Collaboration

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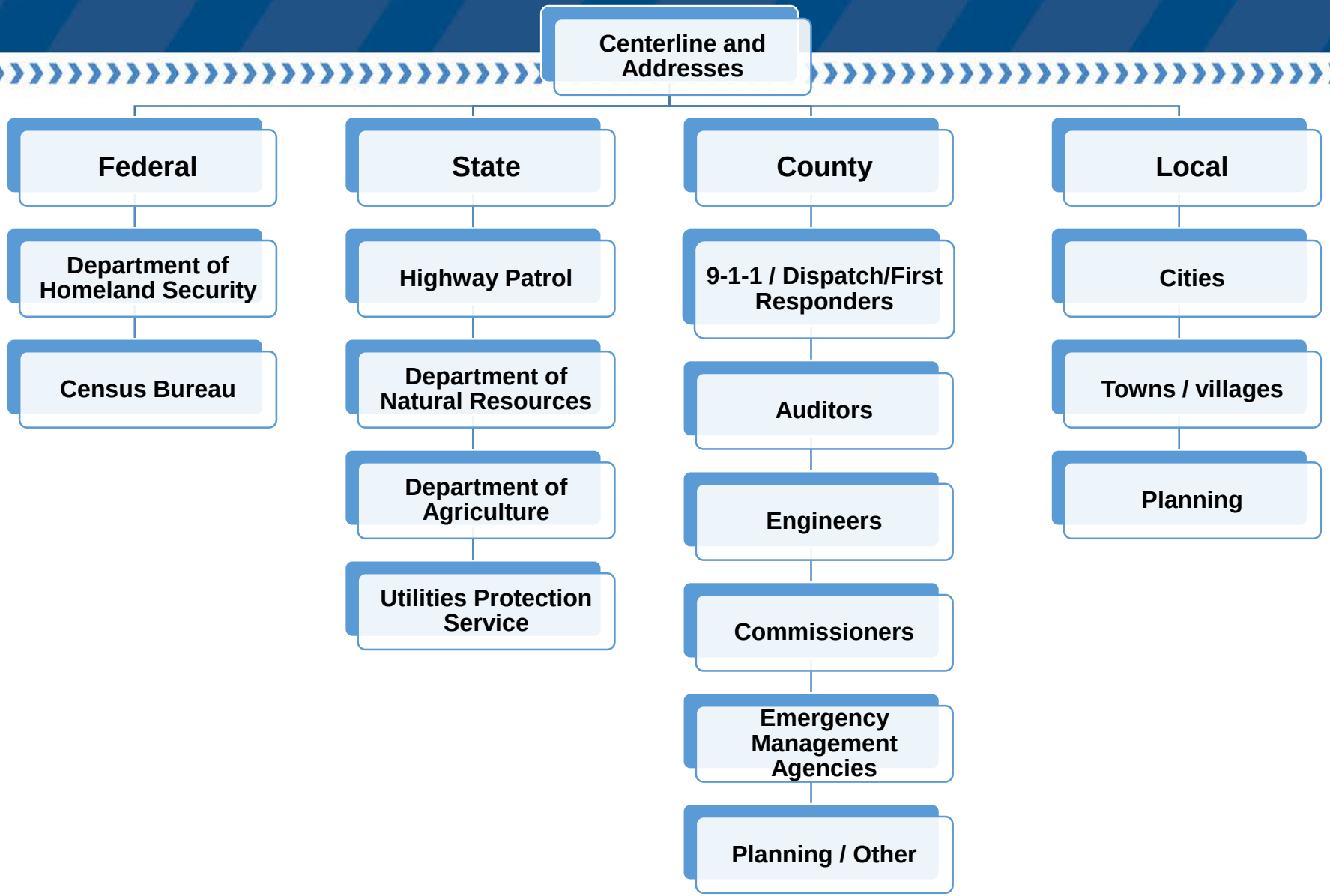
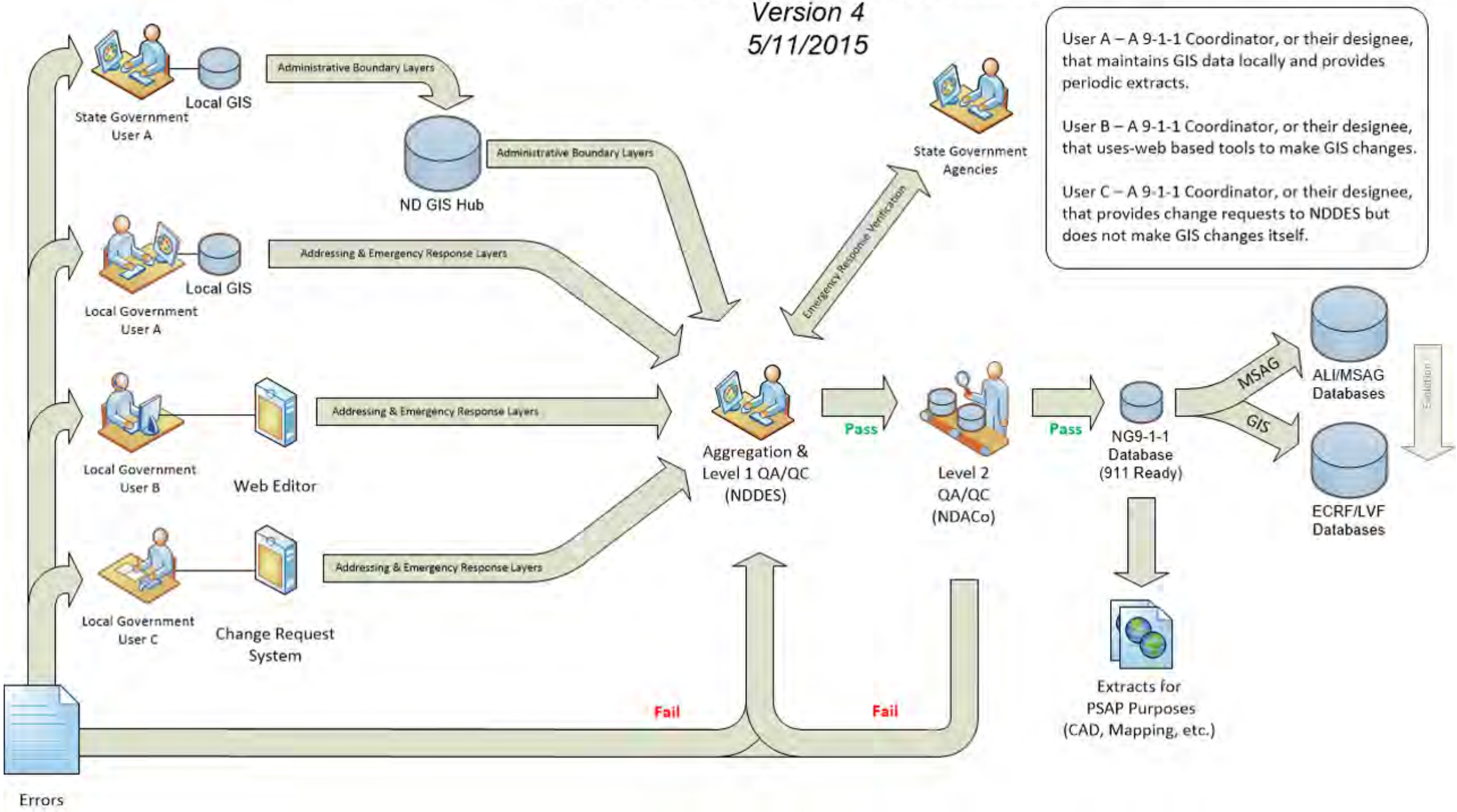


ND Statewide NG9-1-1 GIS Data Workflow

Version 4

5/11/2015



User A – A 9-1-1 Coordinator, or their designee, that maintains GIS data locally and provides periodic extracts.

User B – A 9-1-1 Coordinator, or their designee, that uses-web based tools to make GIS changes.

User C – A 9-1-1 Coordinator, or their designee, that provides change requests to NDDES but does not make GIS changes itself.

PARTNERSHIPS

VERTICAL

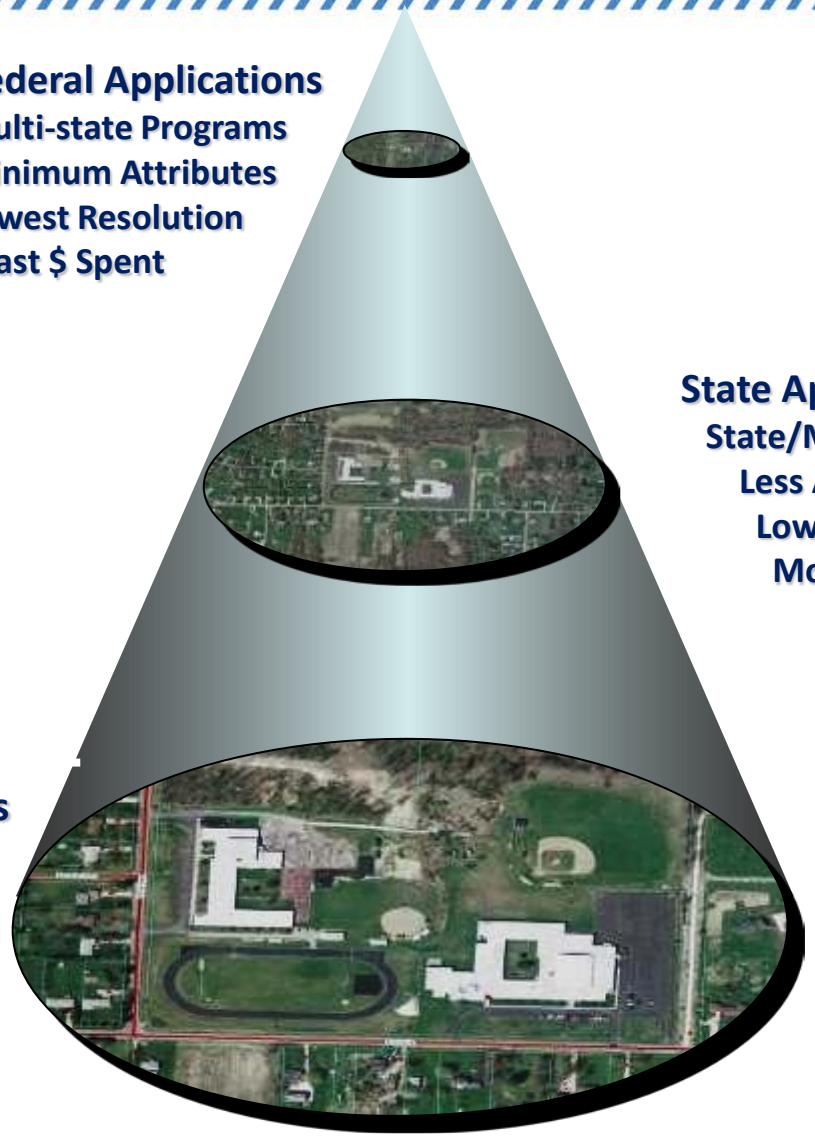
INTEGRATION

THE OHIO MODEL FOR SPATIAL DATA INFRASTRUCTURE DEVELOPMENT

Federal Applications
Multi-state Programs
Minimum Attributes
Lowest Resolution
Least $ Spent

State Applications
State/Multi-County
Less Attributes
Low Resolution
More $$ Spent

Local Applications
County/Regional
More Attributes
Higher Resolution
Most $$$$ Spent



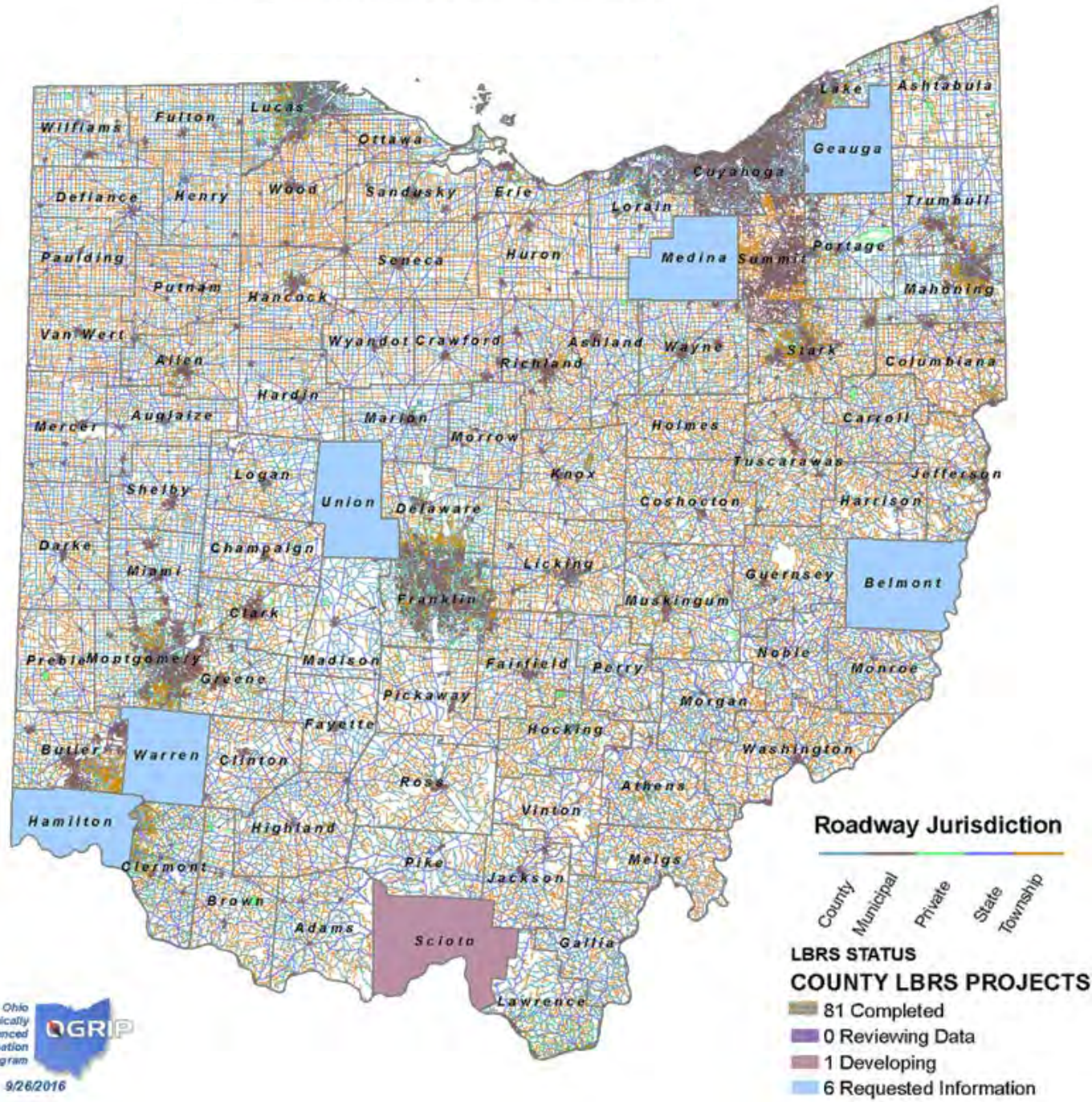
INTEGRATION

Ohio

Location Based Response System

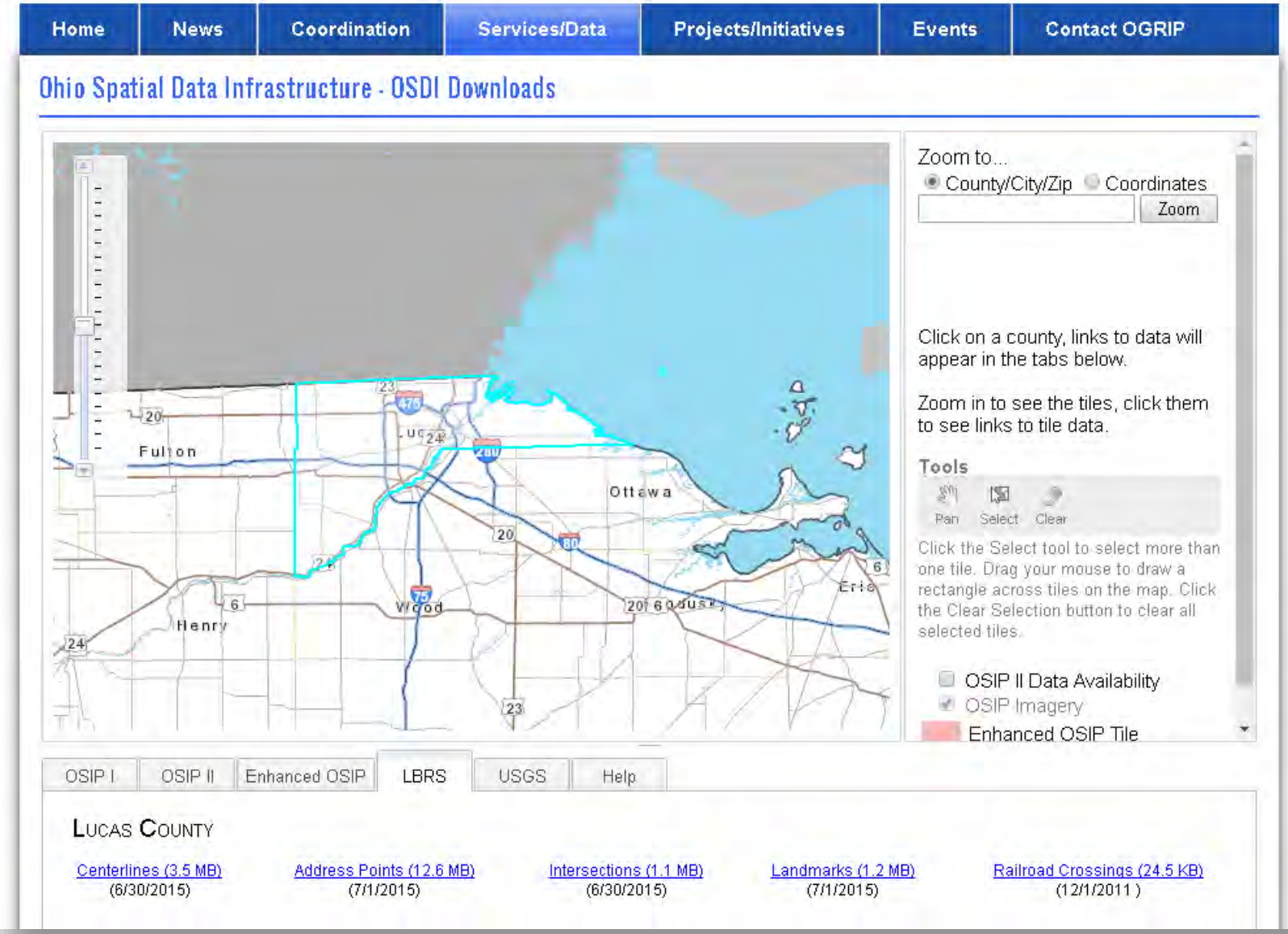
131,428
Centerline
Miles

4,500,000
Field Verified
Site
Addresses



COORDINATION

SPATIAL DATA ACCESS



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Ohio Geographically Referenced Information Program

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Ohio Spatial Data Infrastructure - REST Service Endpoints

Location Based Response System

Name	Type	Service URL	
Adams County Location Based Response System	dynamic	MapServer, FeatureServer	
Allen County Location Based Response System	dynamic	MapServer, FeatureServer	
Ashtabula County Location Based Response System	dynamic	MapServer, FeatureServer	
Athens County Location Based Response System	dynamic	MapServer, FeatureServer	
Auglaize County Location Based Response System	dynamic	MapServer, FeatureServer	
Brown County Location Based Response System	dynamic	MapServer, FeatureServer	
Butler County Location Based Response System	dynamic	MapServer, FeatureServer	
Carroll County Location Based Response System	dynamic	MapServer, FeatureServer	
Champaign County Location Based Response System	dynamic	MapServer, FeatureServer	
Clark County Location Based Response System	dynamic	MapServer, FeatureServer	
Clinton County Location Based Response System	dynamic	MapServer, FeatureServer	
Columbiana County Location Based Response System	dynamic	MapServer, FeatureServer	
Crawford County Location Based Response System	dynamic	MapServer, FeatureServer	
Cuyahoga County Location Based Response System	dynamic	MapServer, FeatureServer	NA
Darke County Location Based Response System	dynamic	MapServer, FeatureServer	NA
Defiance County Location Based Response System	dynamic	MapServer, FeatureServer	NA
Delaware County Location Based Response System	dynamic	MapServer, FeatureServer	NA
Erie County Location Based Response System	dynamic	MapServer, FeatureServer	NA
Fairfield County Location Based Response System	dynamic	MapServer, FeatureServer	NA

GEOhio Spatial Data Discovery Portal

LBRS

SEARCH WITHIN MAP

Detroit Windsor

Chicago

1-10 of 300 results

Relevance

72 attributes | 3182 locations

Gallia Centerlines LBRS *(from OGRIP Open Data)*

Shared by ogrip_agol

The State of Ohio Location Based Response System road centerlines depict center of pavement of public and private roads within participating Ohio Counties. Address Range data was developed from data collected by field observation of existing address locations at the time of collection. View Full Metadata

47 attributes | 8291 locations

Harrison Address Points LBRS *(from OGRIP Open Data)*

Shared by ogrip_agol

The State of Ohio Location Based Response System address points depict the access points to addressable structures along public and private roads within participating Ohio Counties. Address point data was developed from data collected by field observation of existing address locations at the time of collection. View Full Metadata

89 attributes | 11156 locations

Greene Centerlines LBRS *(from OGRIP Open Data)*

Shared by ogrip_agol

The State of Ohio Location Based Response System road centerlines depict center of pavement of public and private roads within participating Ohio Counties. Address Range data was developed from data collected by field observation of existing address locations at the time of collection. View Full Metadata

46 attributes | 14251 locations

Adams Address Points LBRS *(from OGRIP Open Data)*

Shared by ogrip_agol

The State of Ohio Location Based Response System address points depict the access points to addressable structures along public and private roads within participating Ohio Counties. Address point data was developed from data collected by field observation of existing address locations at the time of collection. Link to Full Metadata

OPPORTUNITIES

9-1-1 STANDARDS
BEST PRACTICES
CONFERENCE

NTERPRISE DATA
DEVELOPMENT