

# Statewide GIS Coordination

Business Case

for

Capital Investment

# Change in Strategy

- Assessment approach alone takes too long
- Infrastructure investment saves lives and pays for itself
- Small group of executive sponsors has been working on the business case

# Process

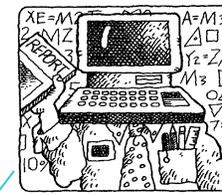
- The version posted is a preliminary draft
- Final version of preliminary business case will be presented to OGIC
- If approved, that version will be presented to DAS Director and possibly Governor
- If approved, more detailed version suitable for budget purposes will be presented to Governor and Legislature for funding



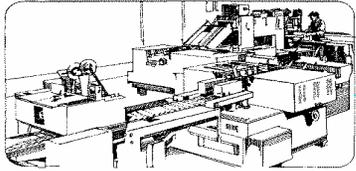
Growth Management  
Environmental Mgmt



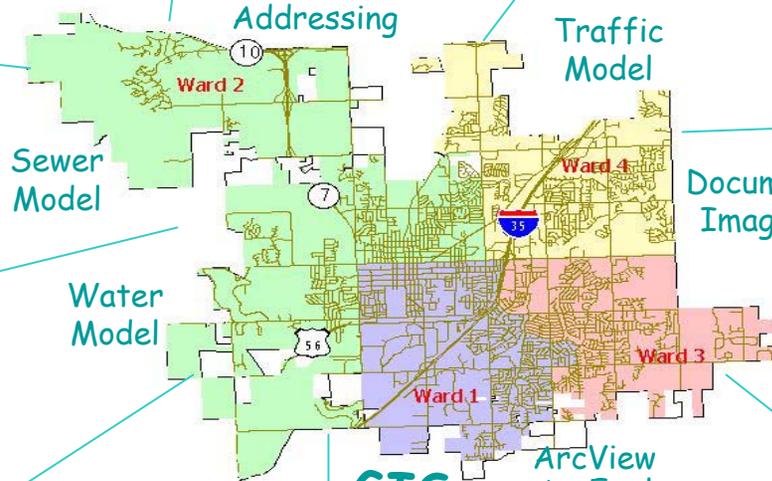
Request Tracking  
Web Site



MS Project  
ColdFusion



SCADA



Sewer Model

Addressing

Traffic Model

Performance Measurement

Document Imaging

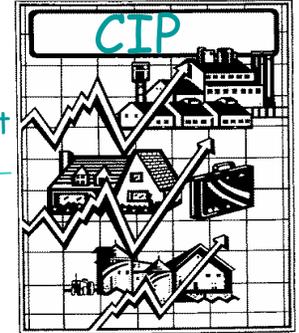
Water Model

Routing

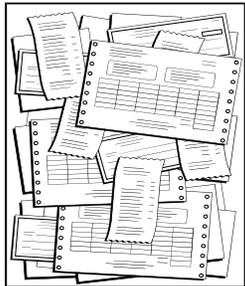
GIS

ArcView  
ArcExplorer  
ArcInfo

CarteGraph



Economic Development



Budget Preparation

JDE



Infrastructure Management



Automated Meter Reading



GPS  
AVL

Mobile Computing

Public Safety Applications

## "Spatially Enabling" Existing Applications

This system uses Framework data to enable the integration of the vast majority of a City's, or an Agency's, electronic systems and processes. Using geographic location as a key element, all of these systems and many others are integrated to operate more efficiently and effectively, thereby providing better customer service.

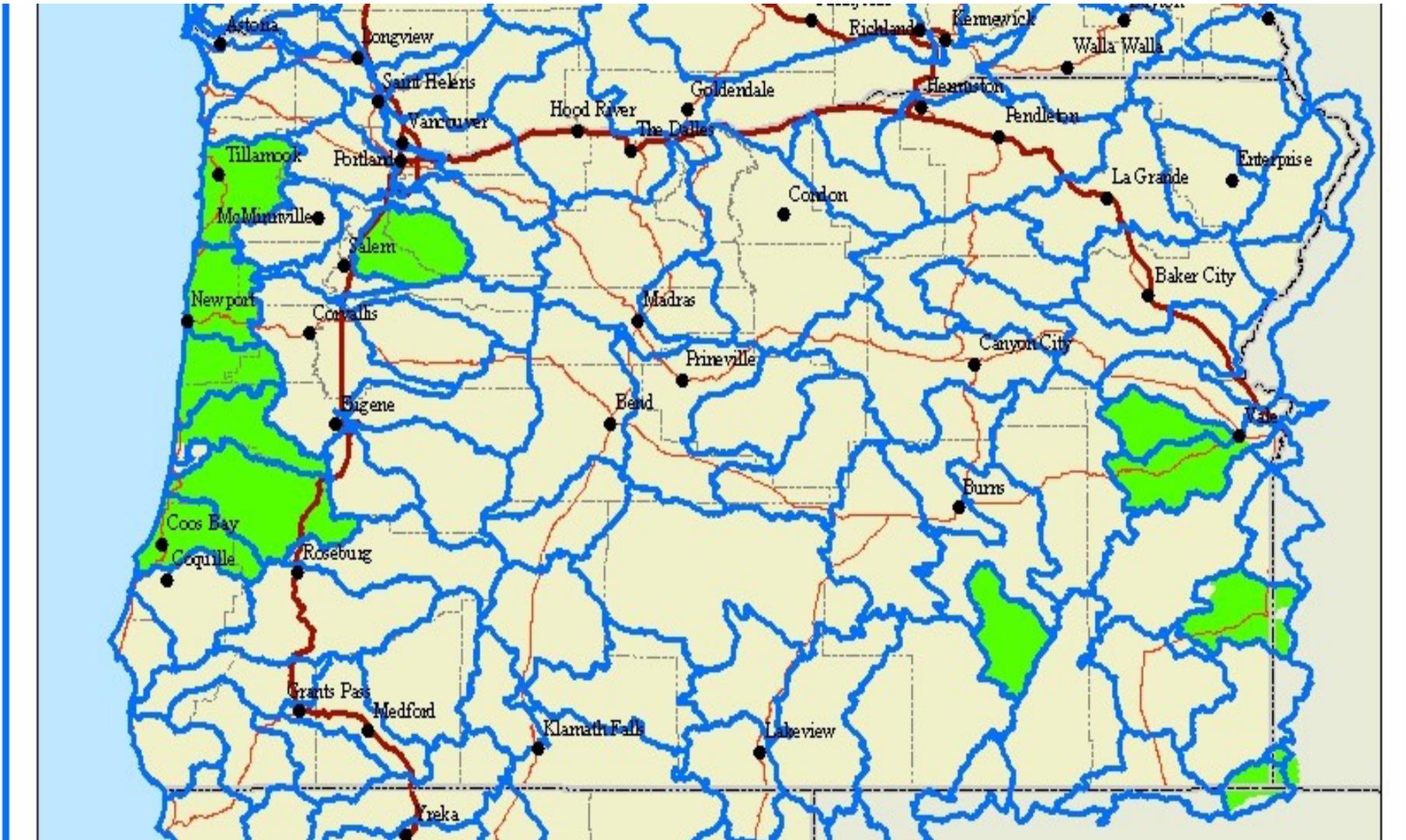
# GIS Software Standard

- ESRI – ArcGIS, ArcView, ArcIMS, etc.
- Justification is primarily purchasing power and enterprise data interoperability
- Recognizes de facto standard
  - 95% of agencies in OR govt. use ESRI
- Two paths for non-ESRI users
  - Exception process
  - Withdrawal plan

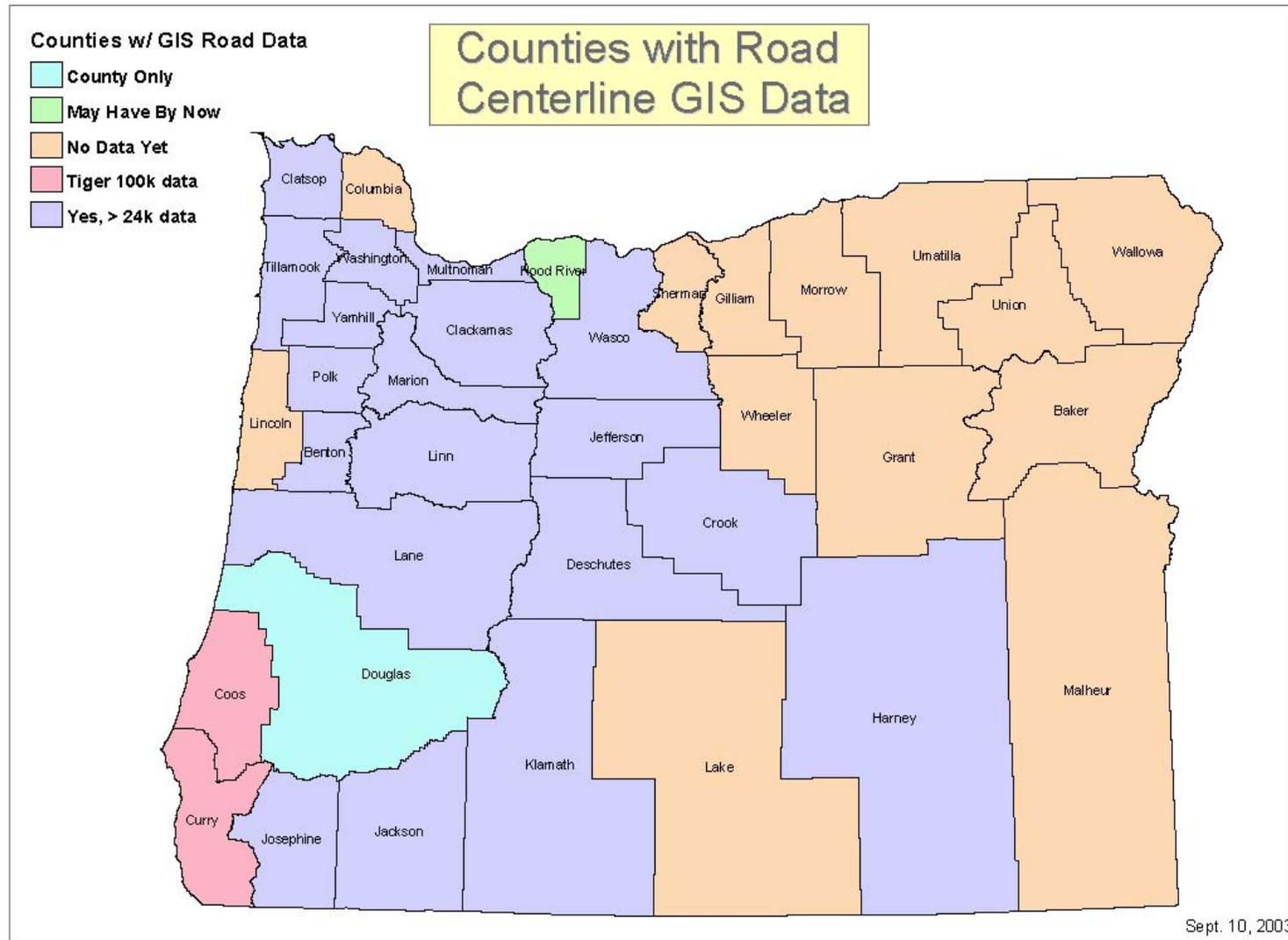
# Framework Update

- **Hydrography** — surface water courses, water bodies, and shorelines
- **Transportation** — statewide street centerline w/ address ranges
- **Cultural** — address points, building outlines
- **Imagery** — digital aerial photos
- **Cadastral** — tax lots
- **GeoScience** — geology, soils, geomorphology
- **Admin. Boundaries** — UGBs, taxing districts

# HYDRO – 1:24K data available at Hydro Clearinghouse and linked to the Oregon Geospatial Data Clearinghouse



# TRANS – Data being integrated now by ODOT, which is modifying internal business processes to become Steward



Cultural- Addressing Standard being reviewed by Committee;  
to be brought for endorsement at next Forum, June 23



# Oregon Geospatial Data Addressing Standard

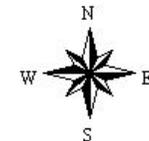
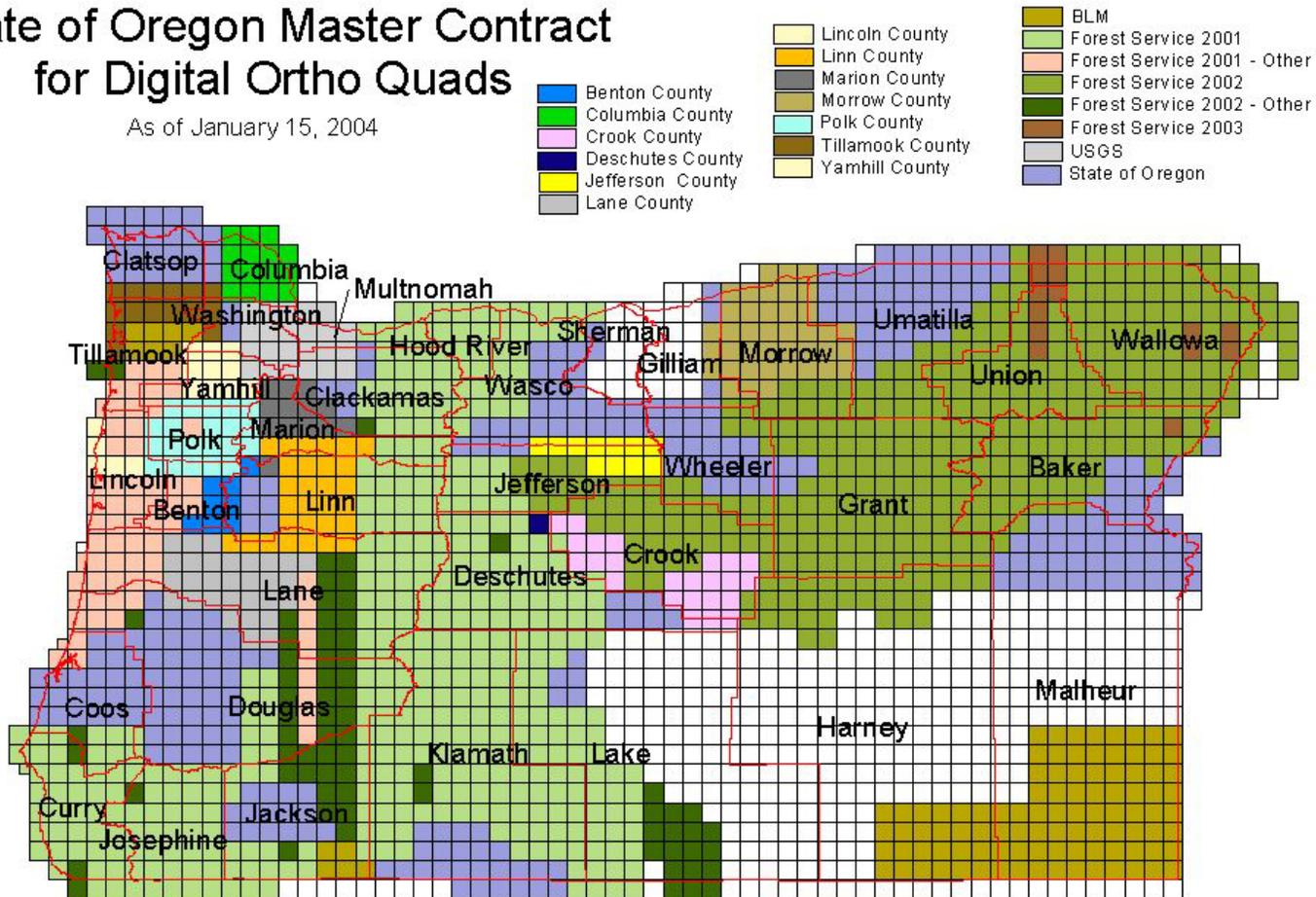
January 20, 2004

DRAFT - Ver. 0.1  
To comment contact Ed Arabas 503-378-3157  
edward.p.arabas@state.or.us

# IMAGERY – 1 meter DOQs nearly complete (2000/01 vintage); Committee meeting to finalize long-term plan for updates

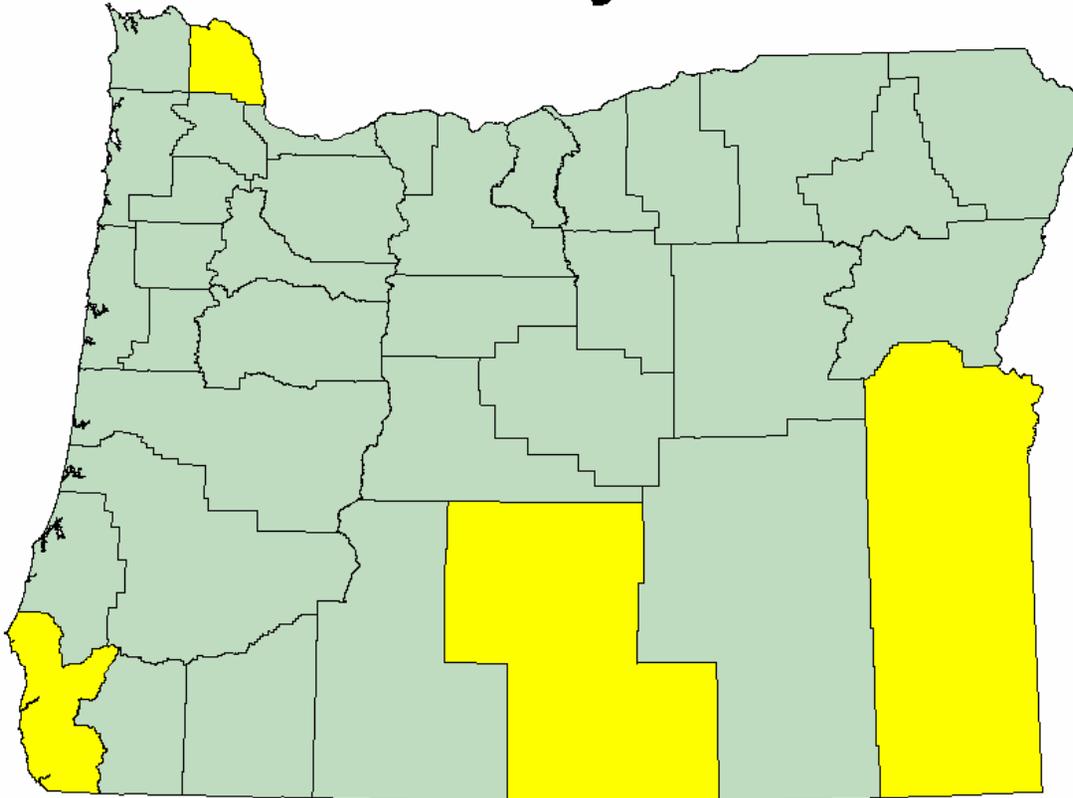
## State of Oregon Master Contract for Digital Ortho Quads

As of January 15, 2004

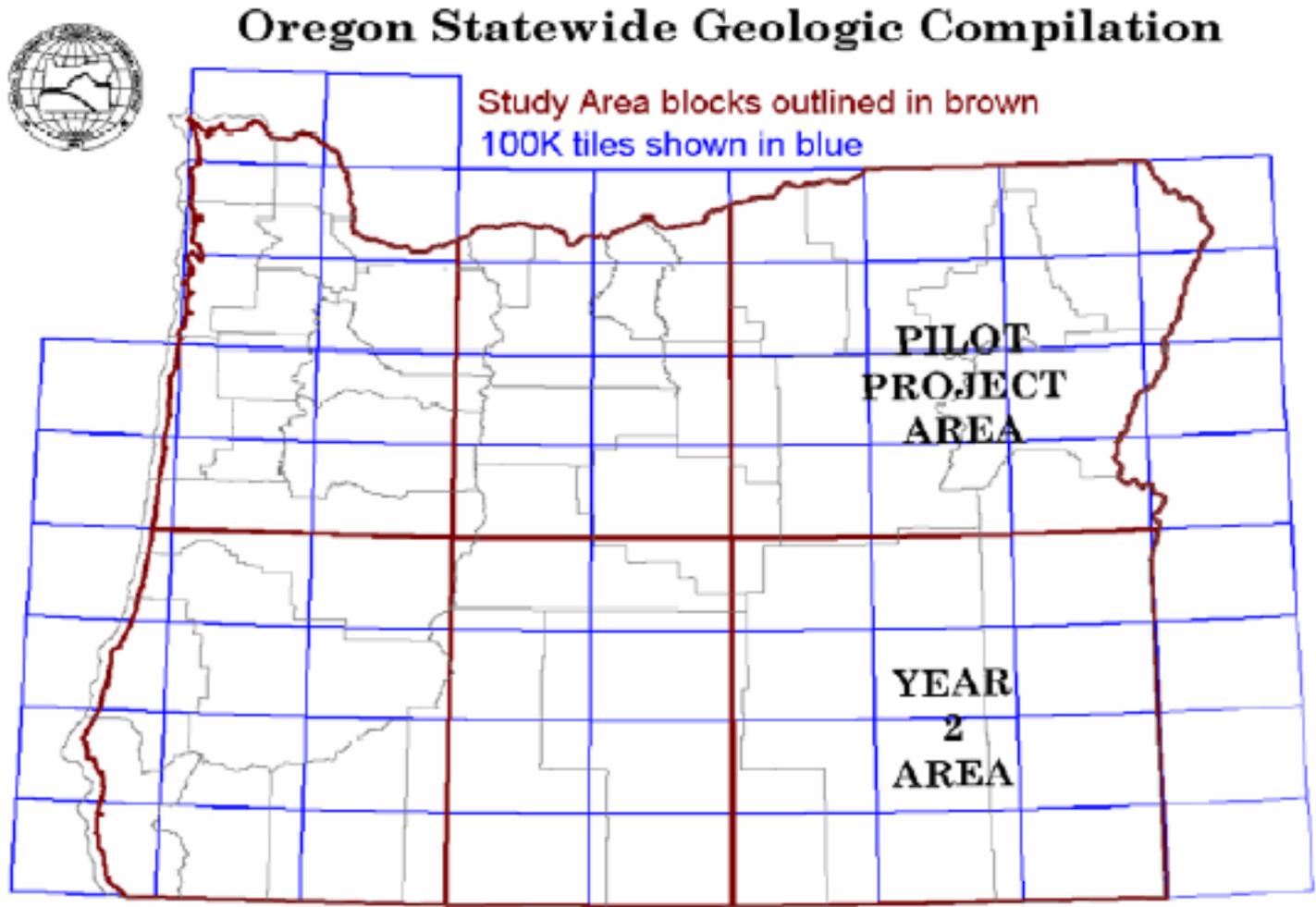


CADASTRAL – Statewide tax lot data nearly complete at lower quality level (Goal 2); Revenue modifying business processes to become Steward

## **ORMAP Goal 2 data available by Oct 2004**



GEOSCIENCE – Agreement in place w/DOGAMI to compile 100K geology data for one-third of state



# Administrative Boundaries

- Urban Growth Boundaries completed statewide by Employment
- Pilot project with Lane/Douglas being considered to complete all 17 tax districts
- Pilot would be extended statewide for tax districts.
- Political boundaries already complete