

OREGON CONNECTIONS CONFERENCE
OCTOBER 30, 2009

“MAPPING BROADBAND
IN OREGON”

Bryan Conway
Administrator Telecommunications Division
Oregon Public Utility Commission

The Beginning

- ▣ Congress Enacted the Broadband Data Improvement Act (BDIA) in June of 2008 (Senate Bill 1492)
 - Purpose
 - ▣ The development and implementation of statewide initiatives to identify and track the availability and adoption of broadband services within each State
 - Problem
 - ▣ No funding

The Solution

- ▣ BDIA was funded by the American Recovery and Reinvestment Act - \$350 million in February 2009
 - Provides Competitive Matching Grants to Eligible Entities (20%)
 - ▣ Matching Funds can be in-kind or cash
 - ▣ Must not be other federal dollars
 - Oversight by the Department of Commerce's National Telecommunications and Information Administration (NTIA)

NTIA Timeline

- ▣ Notice of Funds Availability Published 7/8/09
 - Requires collection and submission of specific data to the NTIA and adherence to numerous federal conditions
- ▣ Notice of Clarifications 8/7/09
 - Changes data collection requirements *
- ▣ Applications for Grant due 8/14/09
- ▣ Notice of Program Scale-back September 2009
 - 5 year funding down to 2 year funding *
 - 1 week to submit revised application budget

NTIA Timeline

- ▣ Baseline Data Due 11/1/2009
- ▣ Substantial set of data due 2/1/2010
- ▣ Complete set of data due 3/1/2010
 - Data valid as of June 30, 2009
- ▣ Updated data due 9/1/2010

Grants Approved

- ▣ Four Grants approved October 5
 - From \$1.2M to \$2.3M (IN, CA, NC, VT)
- ▣ Four more grants approved as of 10/26/09
 - From \$1.4m to \$2.5m (WV, AR, DC, NY)
- ▣ Remaining Grant approvals coming ?

The Oregon Team

- ▣ Oregon Public Utility Commission
 - Single Eligible Entity
- ▣ One Economy & BroadMap
 - Vendor/Subcontractor
- ▣ Oregon Business Development Department
- ▣ Enterprise Information Strategy and Policy Division of DAS
 - GIS/Geospatial Enterprise Office
- ▣ State Procurement (DAS and DOJ)
 - State Contact for contracted services

State Process

- ▣ The Governor designated OPUC as eligible entity - 3/2009
- ▣ OPUC engaged Oregon's EISPD - 5/2009
 - EISPD to provide state expertise in mapping
- ▣ Legislation passed allowing use of OUSF for state match - 6/2009
 - Estimated Fund Amount*
- ▣ Legislature Granted Limitation - 10/2009
 - For use of Federal Funds
 - Estimated Fund Amount*

State Process

- ▣ DAS granted OPUC Special RFP Waiver – 7/9/2009
- ▣ OPUC issued a Request for Proposal 7/14/2009
- ▣ Reviewed Proposals and Selected Vendor 7/30/2009
 - DAS/Procurement Oversight
 - ▣ Required DOJ approval
 - ▣ DAS/OPUC/EISPD collaboration

State Process

- ▣ Developed Grant Application*
(OPUC/Vendor/EISPD)
 - Incorporated state provided information and personnel for use as matching funds
 - Included more detailed data capture than required
- ▣ Application Submitted by the OPUC
8/14/2009
- ▣ Received NTIA Questions 10/8/2009

Next Steps

- ▣ Response to NTIA Questions expected 11/3/2009
- ▣ Application modification required
- ▣ Receive Grant Approval
 - Review Grant conditions, Formalize Acceptance
- ▣ Complete Vendor Contract
 - Incorporate all Grant modifications/conditions
- ▣ Begin Data Collection! (Expected December 2009)

Mapping Process

- ▣ Collect Broadband Data from Providers
- ▣ Verify Data
- ▣ Collect Anchor Institution Data
- ▣ Submit Required Data to the NTIA
- ▣ Build State-wide Public Broadband Map
- ▣ Establish Interactive Map Interface
- ▣ Update Data Every 6 Months
- ▣ Quarterly Reporting Requirement to NTIA
 - ▣ Project achievements, grant expenditures, in-kind investment

Program Deliverables

- ▣ Where is broadband service available?
- ▣ How are broadband services provided?
- ▣ The spectrum used for wireless broadband
- ▣ How fast is the broadband service?
- ▣ Do the anchor institutions have Broadband service?
 - Deliverables include a report covering Tribal lands

Program Deliverables

- ▣ And, JOBS.

Broadband Planning

- ▣ Maximum grant \$500K
 - ≤ 5 year project
- ▣ Eligible Grant Uses
 - provide a baseline assessment of broadband deployment in Oregon
 - to identify and track the areas with low levels of deployment
 - the rate at which residential and business users adopt broadband service
 - possible suppliers of such services

Broadband Planning

- ▣ identify barriers to the adoption of broadband service and information technology services
- ▣ identify the available speeds for broadband connection
- ▣ create and facilitate by county or designated region in a state, local technology planning teams;
- ▣ collaborate with broadband service providers and information technology companies to encourage deployment and use

Broadband Planning

- ▣ establish computer ownership and internet access programs in areas with lower than average penetration on a national basis
- ▣ to collect and analyze detailed market data concerning use and demand for broadband service
- ▣ to facilitate information exchange regarding use and demand for broadband services between public and private sector users

Broadband Planning

- ▣ HB 3158: Creates Oregon Broadband Advisory Council within Economic and Community Development Department for purposes relating to broadband communication and technology
 - Mapping data should assist the Council with its planning purposes
 - Mapping planning dollars should be coordinated by the Council