



# Connectivity

REXBURG REGIONAL BROADBAND FEASIBILITY  
STUDY

# Feasibility Study Findings and Committee Recommendations

- Understanding Technology
- History
- Scope of the Study
- Key Findings
- Path Forward

# Understanding Technology

- INTERNET
- WEB
- BROADBAND
- BANDWIDTH

- **Internet**

- A global system of interconnected computer networks.

- **WEB or World Wide Web**

- A system of linked documents that can be viewed and read on the Internet by using a web browser.

- **Broadband**

- Technologies that connect faster than “dial-up” service and are “always on”.

- **Bandwidth**

- Speed at which broadband technologies deliver service.

# History of Effort

- Approached by Community Partners.
- General Research & Survey.
- Committee Formed.
- Committee Recommended Study.
- RFP Sent to 21 National Consulting Firms.
- Selection Committee Chooses Design Nine.
- Enlarge study to include HUD Grant area. (Madison, Fremont, Teton and Teton, WY)
- Year Long Study Completed in Last Quarter of 2013.
- Here we are now.



# Scope of Study

\* See RFP

- Assess Rexburg's long-term needs.
- Identify and analyze existing resources.
- Conduct a Market and Public Service Benefits Study.
- Analyze different models and provide SWOT.
- Using different models, provide installation plan for each.
- Clarify how broadband investment in Rexburg might scale to the **surrounding region**.
- Identify federal, state, local or private funding.

# Findings

- Increased Demand for Broadband.
  - Globalization and Education
  - The Cloud
  - The Internet of Things (new devices and services)
  - Big Data
- Amount Spent on Triple Play Services (Phone, Internet, TV).
  - \$1.8 **billion** will be spent over the next 30 years in our region. (page 39 of Findings)
- Comparatively Speaking (Competitive Advantages and Disadvantages).
  - Near substantial fiber assets
  - Lack redundancy
  - Last mile connections
  - Balkanization of city and region
  - No common meet point/ colocation center

# Path Forward

Pages 54 – 57 of study

- Explore Public/Private Partnership Options.
  - Consider issuing an RFI to private sector providers
  - Develop strategy to attract data center/ colocation facility
- Explore utility partnerships.
- Develop common fiber overlay plan and open ditch policy.
- Coordinate broadband improvements with public safety.

## Action Items

- Each committee member review the study.
- Invite current providers to present activities.
- Create RFI.
- Create utility partnerships on broadband.
- Develop common fiber overlay plan and open ditch policy.
- Coordinate broadband improvements with public safety.