



Arizona

Broadband
Project



The State of Arizona - GITA Broadband Vision and Strategy

Presented to:

Arizona Telecommunications and Information Council (ATIC)

A conversation about goals, plans and challenges

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Project Background & Mission:

- **\$6.7 million in Federal Stimulus Funding to be used for:**
 - **Mapping Broadband Availability and Deficits in Arizona**
 - **Creating a Strategic Plan For:**
 - **Accelerating Significant Increases In Broadband Availability, Capacity, Speed And Utilization—For Generating:**
 - **NEW & HIGHER PAYING JOBS**
 - **NEW & EXPANDED BUSINESSES**
 - **NEAR & LONG TERM ECONOMIC GROWTH**
 - **LOWER COST YET BETTER EDUCATION & HEALTH CARE OUTCOMES**
 - **LOWER COST, SMALLER & MORE EFFICIENT GOVERNMENT**
 - **Renewed PROSPERITY**

Primary Barriers To Be Overcome:

- **Large Distances Between Arizona Population Centers**
- **High Cost Of Serving Rural Communities**
- **Costly, Inconsistent, Time Consuming Permitting Processes At All Government Levels**
- **Lack Of Knowledge About The Value And Uses Of Broadband & The Internet.**

Major Applications:



eBusiness



eHealth



eLearning



eGovernment



eCommunities

Solutions and Possibilities:

- LOWER THE COST OF GETTING “MIDDLE MILE” CAPACITY INTO REMOTE COMMUNITIES BY OPENING UP EXISTING PUBLIC RIGHTS-OF-WAY FOR FIBER AND MICROWAVE BROADBAND INFRASTRUCTURE.
(Tax payers should only pay once for Rights-Of-Way)
 - SIMPLIFY, STREAMLINE AND CREATE STANDARDS FOR PERMITTING REQUIREMENTS FOR INFRASTRUCTURE BUILDOUTS
(Half the cost of building and two thirds of the time spent is in permitting)
 - THE PROJECT WILL FOCUS ON:
 - OUTREACH TO RURAL COMMUNITIES WITH EDUCATION, TECHNICAL SUPPORT AND SEED DOLLARS TO COMMUNITIES AND PROJECTS
 - UNDERSERVED COMMUNITIES
 - MAJOR STAKEHOLDERS AND BENEFITS-- EDUCATION, HEALTH CARE, ETC.
 - URBAN TO RURAL SUBSIDIES SIMILAR TO PHONE “LIFE-LINE” SERVICE
 - GETTING BROADBAND DEFINED AN ESSENTIAL AND FUNDAMENTAL INFRASTRUCTURE
 - INTERCONNECTING LONG-HAUL FIBER INTO ROBUST STATE-WIDE RINGS TO PROTECT THE STATE FROM CATASTROPHIC FAILURES & SAVE COSTS FOR CARRIERS
-

Two Highways For The Price Of One:

- Laying fiber conduit along a highway cost about the as same painting stripes on that highway (usually less than 1% of project costs.)
- Changing policies at the Federal and State level to allow such conduit would make it economically viable for “last mile” service providers to compete in unserved and underserved markets.

Current Status:

- **First release of Arizona and Federal Maps are Complete**
 - Federal Map is at <http://www.BroadbandMap.gov/>
 - Preview of Arizona Map is at <http://BroadbandMap.AZ.gov/map>
- **Arizona Broadband Project Web Portal will be published in a few weeks.**
- **Now Forming Arizona Broadband Development Council (ABDC)**
- **Community and Stakeholder Outreach Is Just Beginning**
 - **Partnering Or Working With:**
 - **ATIC and ATII**
 - **Other State Agencies**
 - **Federal Agencies**
 - **Local Communities**
 - **Private Sector and Service Providers**

Arizona Broadband Project



ABOUT AZ BROADBAND PROJECT | BROADBAND MAP | RESOURCES / NEWS | SUCCESS STORIES | SEARCH

STATE-WIDE BROADBAND

Accelerating **GROWTH** and **PROSPERITY** in Arizona

E-LEARNING >>

E-BUSINESS >>

E-HEALTH >>

E-GOVERNMENT >>

E-COMMUNITIES >>

Arizona has made a strong commitment >>

Why is it important? | What's available now? | What's in the future?

ALL THINGS BROADBAND

"Two highways for the price of one!"

The statewide strategic plan includes IT goals for executive branch agencies. The plan is based on directives from the Governor, industry best practices, government agency trends and stakeholder input. The Statewide...

[Read more >>](#)

Bringing together community leaders, with national and local experts >>

"Like electricity a century ago, broadband is a foundation for economic growth, job creation, global competitiveness and a better way of life. It is enabling entire new industries and unlocking vast new possibilities for existing ones. It is changing how we educate children, deliver health care, manage energy, ensure public safety, engage government, and access, organize and disseminate knowledge."

- NATIONAL BROADBAND PLAN
Federal Communications Commission, 2010

BROADBAND Speed Test



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Looking for something and not finding it?

Contact the ARIZONA BROADBAND PROJECT team.

Some Inspiring Web Videos:

eLearning

<http://www.khanacademy.org/>

http://www.youtube.com/watch?v=BHiby3m_RyM

eHealth

<http://www.youtube.com/watch?v=zcFT6nkVoaM>

<http://www.youtube.com/watch?v=zcFT6nkVoaM>