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ATIC Board Meeting

Agenda for April 8, 2020

1. Administrative
   - 1.1. Self-Introductions
   - 1.2. Modifications to and Acceptance of Agenda Draft
   - 1.3. Acceptance of Minutes from March 11, 2020 Board Meeting
   - 1.4. Treasurer's Report
   - 1.5. ATIC Board Membership Considerations
     - 1.5.1. ATIC Annual Election of Officers
   - 1.6. Review of Outstanding Action Items as Documented in March 11, 2020 Minutes
2. Informational Presentations
   - 2.1. None Scheduled
3. Activity Reports
   - 3.1. Arizona Broadband Strategic Plan & FirstNet (Jeff Sobotka, Karen Ziegler)
     - 3.1.1. Rural Community Outreach
     - 3.1.2. FirstNet Status & Outlook
     - 3.1.3. ACA Broadband Strategy & ATIC Role/Support
   - 3.2. Arizona Broadband Stakeholder Network (Steve Peters)
     - 3.2.1. AZBSN Statewide Emergency Broadband Leadership Team
   - 3.3. K12/GAZEL (Steve Peters, Nan Williams)
     - 3.3.1. Arizona Technology in Education Association (AzTEA)
     - 3.3.2. Labster Virtual Laboratory Simulations Consortium
     - 3.3.3. Other GAZEL Innovative Learning Collaborative Initiatives for 2020
   - 3.4. Arizona State Library (Holly Henley, Mala Muralidharan)
   - 3.5. Telehealth (Janet Major)
   - 3.6. Government Affairs (Mike Keeling, Mark Goldstein)
4. Information and Action Plans
   - 4.1. ATIC Website & Teleconferencing (All)
     - 4.1.1. AZBSN Newsletter Schedule & Content Contributions
     - 4.1.2. Zoom Subscription or Replacement
   - 4.2. ATIC Mailing List & CRM (All)
   - 4.3. New Business and Motion Considerations (All)
5. Events Attended and Upcoming Meetings
6. Announcements
7. Adjourn

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ATIC Board Meeting

Logistics for April 8, 2020

Note: For this ATIC Board Meeting on Wednesday, April 8, 2020 from 12:00-2:00 PM we will meet entirely virtual due to pandemic considerations.

Please plan to join us and calendar the rest of the Board Meetings scheduled for 2020 to be held virtually until further notice:

May 13, 2020
June 10, 2020
July 8, 2020
September 9, 2020
October 14, 2020
November 18, 2020

Remote Connect Instructions

- PC or MAC: For audio, video and web conference on PC or Mac, join the Zoom Meeting at https://arizona.zoom.us/j/316321639
- For Audio by Phone During Zoom Session or Standalone Telephone Connection: Dial **(669) 900-6833**. Enter meeting ID **316 321 639**. You will be prompted to enter your unique participant ID - Press # to skip
- Thanks to Derek Masset, UA CTO and Sun Corridor Network for hosting the Zoom meeting.

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ATIC Board Meeting Minutes

March 11, 2020

Remote Attendees:

ATIC Board Members: Michael Cohen, Oris Friesen, Henry Goldberg, Mark Goldstein, Holly Henley, Ron Schott

ATIC Associates & Guests: Mala Muralidharan, Steve Peters

Remote Attendees:

ATIC Board Members: Jerry Crow, Mike Keeling, Andy Phelan, Nan Williams

ATIC Associates & Guests: Bob Jacobson/Atelier Tomorrow, Ian Hathcock/Cellular One, Marin Skiby/Infinity Consulting

Quorum Met with 10 ATIC Board Members Present (Quorum = 8)

Many thanks to Zoom Video for video conferencing capabilities and to the Arizona State Libraries for providing meeting facilities, technical support, and hospitality.

For this ATIC Board Meeting on Wednesday, March 11, 2020 from 12:00-2:00 PM, we were in the Library Services Center at 1919 W. Jefferson St., Phoenix 85007.

The next Board Meeting is scheduled for Wednesday, April 8, 2020, also in the Library Services Center at 1919 W. Jefferson St., Phoenix 85007. The full schedule of ATIC Board Meetings for 2020 can be found towards the end of these minutes.

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ATIC Board Meeting

Agenda for March 11, 2020

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   1.6. Review of Outstanding Action Items as Documented in February 12, 2020 Minutes

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   3.6. Telehealth (Janet Major)
   3.7. Government Affairs (Mike Keeling, Mark Goldstein)

4. Information and Action Plans
   4.1. ATIC Website & Teleconferencing (All)
      4.1.1. Zoom Subscription or Replacement
   4.2. ATIC Mailing List & CRM (All)
   4.3. New Business and Motion Considerations (All)

5. Events Attended and Upcoming Meetings

6. Announcements

7. Adjourn

ATIC Board Meeting Minutes

March 11, 2020

1. Administrative

1.1. Self-Introductions

See the list of attendees above.

1.2. Modifications to and Acceptance of Agenda

MOTION: To accept the Agenda as submitted.

MOVE: Ron Schott
SECOND: Oris Friesen
Passed Unanimously

1.3. Acceptance of Minutes from the February 12, 2020 Board Meeting

MOTION: To accept the Minutes of the February 12, 2020 Board Meeting with minor corrections submitted by Henry Goldberg.

MOVE: Henry Goldberg
SECOND: Oris Friesen
Passed Unanimously

1.4. Treasurer's Report

Ron Schott, Treasurer reported that current funds on hand as of March 9, 2020 total approximately $15,631 after recent expenses. Ron circulated the Desert Financial Credit Union report with account and transaction details for Board reference, which are included at the back of these Minutes.

Five payments of $1,000 have been made to Steve Peters for support of the AZBSN prior to February 29, 2020 and an additional $4,000 has been encumbered for payments of $800 per month for March through July.

Without any current monetary sponsors, sustainability remains a concern. One of Steve Peters' primary tasks for ATIC in coordinating the AZBSN is to determinedly seek sponsors, grants, and other sources of revenue going forward.

1.5. ATIC Board Membership

Recent Board & Officer Transitions: Following Jay Schlum's resignation as Chair and from the Board, ATIC still needs to identify and engage prospects for Chair. Annual elections will be held at the next Board meeting on April 8. Mark, Henry, and Ron have agreed to stand for election and Mike Keeling will step back from Lobbyist remaining on the Board.

New Board Prospects: We continue to need to expand participation with direct State of Arizona representation, as well as a focus on rural and native stakeholder representation, especially from the economic development community, as well as representatives from municipal, county, and higher education CIOs, plus of course stronger broadband industry participation going forward. ATIC Officers and Board members will engage prospects they have existing relationships with seeking their active involvement in ATIC and consideration of a Board role. Mark identified two involved individuals he would sound out about coming on the Board:

- Bob Jacobson/Atelier Tomorrow
- Ian Hathcock/Cellular One

Henry Goldberg and Mark Goldstein will reach out to several prospects each with a letter soliciting their active ATIC Board participation letter and engage in dialogue to that end:

- Ken Dewitt, Navajo County CIO
- Gil Gonzales, Gonzales Group LLC
- Toni (Morales) Broberg, Arizona President, AT&T
- J.R. Sloan, Acting Arizona CIO (Reports to Andy Tobin/ADOA, Karen Ziegler/ADOA could proxy)

Additional Board prospects that have been discussed include:

- Ben Blink, Policy Advisor, Governor Ducey's Office
- Derek Masseth, UA CTO & Executive Director, Sun Corridor Network (Replacing Michael Sherman)
- Satish Pattisapu, Arizona Department of Education CIO (Milan Eaton/ADE could proxy)
- Chuck Boyer, CIO, Town of Oro Valley & Chair of an Arizona municipal CIO group
- John Lucas, Community Broadband Advocates (former Graham County CIO)
- Jim Simms, One Random Act (ORAct) LLC
- Michael Britt, Copper Dome Consulting (former State of Arizona FirstNet Manager)
- Ron Drake, County Administrator, La Paz County (Former Avondale Mayor & Qwest)
- Wendy Quarles Bridges, Economic Development Coordinator, City of Prescott
- Lev Gonick, ASU CIO or Chris Richardson, ASU Deputy CIO
- Dominic Papa, VP for Smart Region Initiatives at Arizona Commerce Authority (ACA)
- Mark Jeffries, Frontier Communications
- Rachel Aja, Manager, Government and Regulatory Affairs, Cox Communications (Note: Chris Poole has moved from SRP to Cox as Director of Operations)
- Dominic Pagliuca, IT Senior Manager at Arizona Public Service (APS)
- Jim Bascomb of Zayo (Replacing Karen Miller)
- Jessica Woods, Fatbeam
- Rick Eberhardt, TruCom
- Tom Belshe, Deputy Director, League of Arizona Cities & Towns
- Craig Sullivan, Executive Director, County Supervisors Association of Arizona
- Chris Becenti (Replaced Teresa Hopkins), Navajo Nation
- Mark DiBlasi or Nancy Kaulbaugh, Mojave County Education Consortium
- Additional telecom provider, tribal & rural economic development representation

Additional inactive Board members are being approached to relinquish their Board seats if they don't plan to reengage and actively participate going forward. Bobby Davis has retired from the Town of Payson and Tommy Gearhart is working in an unrelated area.

1.6. Review of Outstanding Action Items as Documented in February 12, 2020 Minutes

None.

2. Informational Presentations

None Scheduled.

3. Activity Reports

3.1 Arizona Broadband Strategic Plan & FirstNet (Karen Ziegler, Jeff Sobotka)

The Arizona House Committee on Technology met this morning and Ben Blink of the Governor's Office presented along with several others on the ACA broadband efforts, telemedicine in Arizona, and precision/smart agriculture. All spoke in support of the Governor's proposed legislative budget which includes $10M for the ACA next broadband grant phase, $50M to deploy over 500 miles of fiber infrastructure along State highways, and $9M in ADOT implementation of ITS and related functionality. Mark Goldstein was to speak on behalf of the Arizona Technology Council, but didn't due to time constraints. However his four slides detailing Arizona telecom policy initiatives and outcomes from the early 90s to today are included below. What a long, strange trip it's been. Thanks for coming along on the ride!

Jeff Sobotka, Arizona Director of Broadband at the Arizona Commerce Authority (ACA, https://www.azcommerce.com/broadband/) continues to meet people and communities statewide, seeking to partner with as many as possible, gathering regional broadband information and acting as a clearinghouse for broadband stakeholders. Jeff continues to encourage and credit ATIC and the AZBSN for producing recent webinars and communicating with the State's broadband stakeholders.

The ACA's first wave of $3M in broadband planning and infrastructure grants provided funding for a number of projects delivering community assessments or technical designs and delivering expanded broadband services in unserved/underserved rural areas. The grants awardees and their projects are described at https://www.azcommerce.com/broadband/grant-opportunities/ where you'll also find other grant and policy resources. The USDA Broadband ReConnect Grants and Loans Program will make available $600 million in grants and loans for rural broadband infrastructure. Arizona rural communities should develop and submit applications for such funding and fully exploit of other federal funding sources such as the FCC E-rate program for schools/libraries and upcoming FCC rural broadband funding. ATIC and AZBSN should partner with the ACA to communicate these opportunities and engage stakeholders in the process.

Arizona broadband middle mile backhaul capabilities remain insufficient in many areas. The Arizona State Land Department (ASLD) is driving some regulatory reform to enable utilities to sublease their fiber assets, thus electric grid infrastructure and associated ROW of the major utilities as well as electric coops could increasingly be utilized for rural fiber deployment delivering broadband services. APS will be deploying some 432 dark optical fibers from Phoenix to Flagstaff along their power transmission corridors for internal use, as well as to lease to telecommunications service providers for backhaul purposes. Jeff's reported that there is a monthly meeting of state employees to educate them about the implications of implementing broadband and share current initiatives and resources and that he finds AZBSN's broader weekly meeting quite complimentary in purpose and content. A State RFP is being planned for consulting services to help establish Arizona specific policies and cooperation for fiber sharing for the 514 miles along 3 proposed highway fiber segments along I40 across northern Arizona, I17 from Sunset Point to Flagstaff, and I19 from Tucson to Nogales.

Karen Ziegler, Arizona FirstNet Project Manager (https://azfirstnet.az.gov/) continues to support broadband strategy and initiatives while focusing on FirstNet. There will be hearings on e911 in March in Phoenix, Tucson, and Flagstaff after which an RFP will be developed. AT&T is aggressively working on FirstNet and is deploying additional towers around the State. Over 8K public safety users are participating and the program is moving from pilot mode to full deployment.

The State Strategic Broadband Plan was updated in 2019, however it continues to undergo internal review and eventual publication remains uncertain. The ACA Broadband page at https://www.azcommerce.com/broadband/ links to the Arizona Broadband Strategic Plan from February 2018, as well as to Grant Resources and other Broadband Resources. The Arizona Digital Highways Bill is detailed online at https://aset.az.gov/digital-highways.

ATIC remains keenly interested in helping the State undertake such initiatives and provide leadership to help facilitate broadband development in areas such as hosting workshops, grant writing and reviewing, as well as advising and assisting. Several Board members have suggested that ATIC continue to foster a dialogue to discuss our strategic and support role relative to the State in general and ACA broadband initiatives specifically.

Arizona Broadband Initiatives in the 1990s

ARIZONA STATE LEGISLATURE

Arizona Joint Legislative Committee on Telecommunications

https://www.azleg.gov/

ARIZONA TELECOMMUNICATIONS & INFORMATION COUNCIL

GSPED's AICI transitions to ATIC in 1995

https://www.arizonatele.org/

ARIZONA BOARD OF REGENTS
ASU ◆ NAU ◆ UA

ASPIN Tri-University Network becomes today's Sun Corridor Network

https://www.azregents.edu/

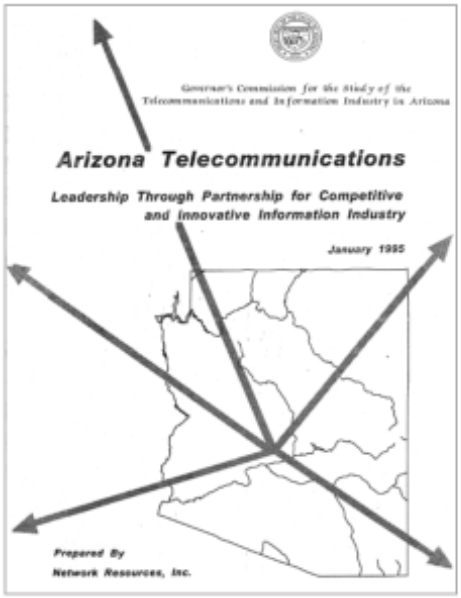
ARIZONA TECHNOLOGY COUNCIL
a place to connect and grow

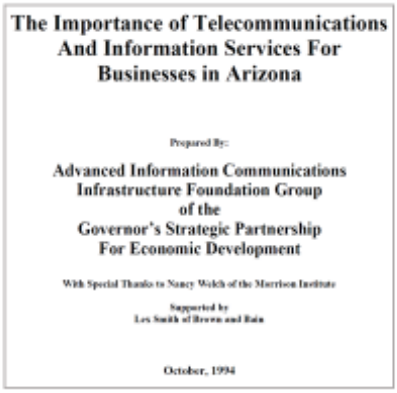
GSPED's Arizona Software Association (ASA) becomes the Arizona Software & Internet Association (AZSoft.net) which becomes today's Arizona Technology Council (AZTC)

https://www.aztechcouncil.org/

ARIZONA TELEMEDICINE PROGRAM

https://telemedicine.arizona.edu/




The Importance of Telecommunications And Information Services For Businesses in Arizona

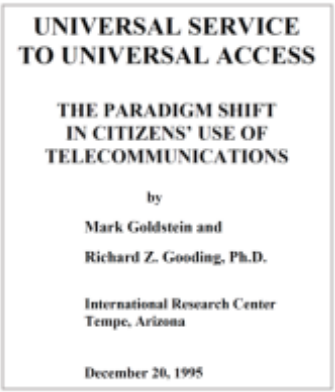
Prepared By:

Advanced Information Communications Infrastructure Foundation Group of the Governor's Strategic Partnership For Economic Development

With Special Thanks to Nancy Welch of the Morrison Institute

Supported by Lex Smith of Brown and Bain

October, 1994


UNIVERSAL SERVICE TO UNIVERSAL ACCESS

THE PARADIGM SHIFT IN CITIZENS' USE OF TELECOMMUNICATIONS

by

Mark Goldstein and

Richard Z. Gooding, Ph.D.

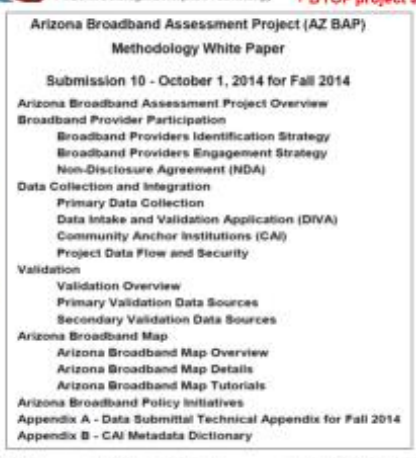
International Research Center
Tempe, Arizona

December 20, 1995

Arizona Broadband Initiatives 2010-2014

ASET Arizona Strategic Enterprise Technology

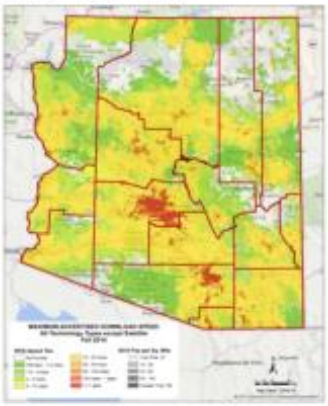
$6.6M in ARRA funding for Arizona broadband mapping & policy activities + BTOP project $


Arizona Broadband Assessment Project (AZ BAP)

Methodology White Paper

Submission 10 - October 1, 2014 for Fall 2014

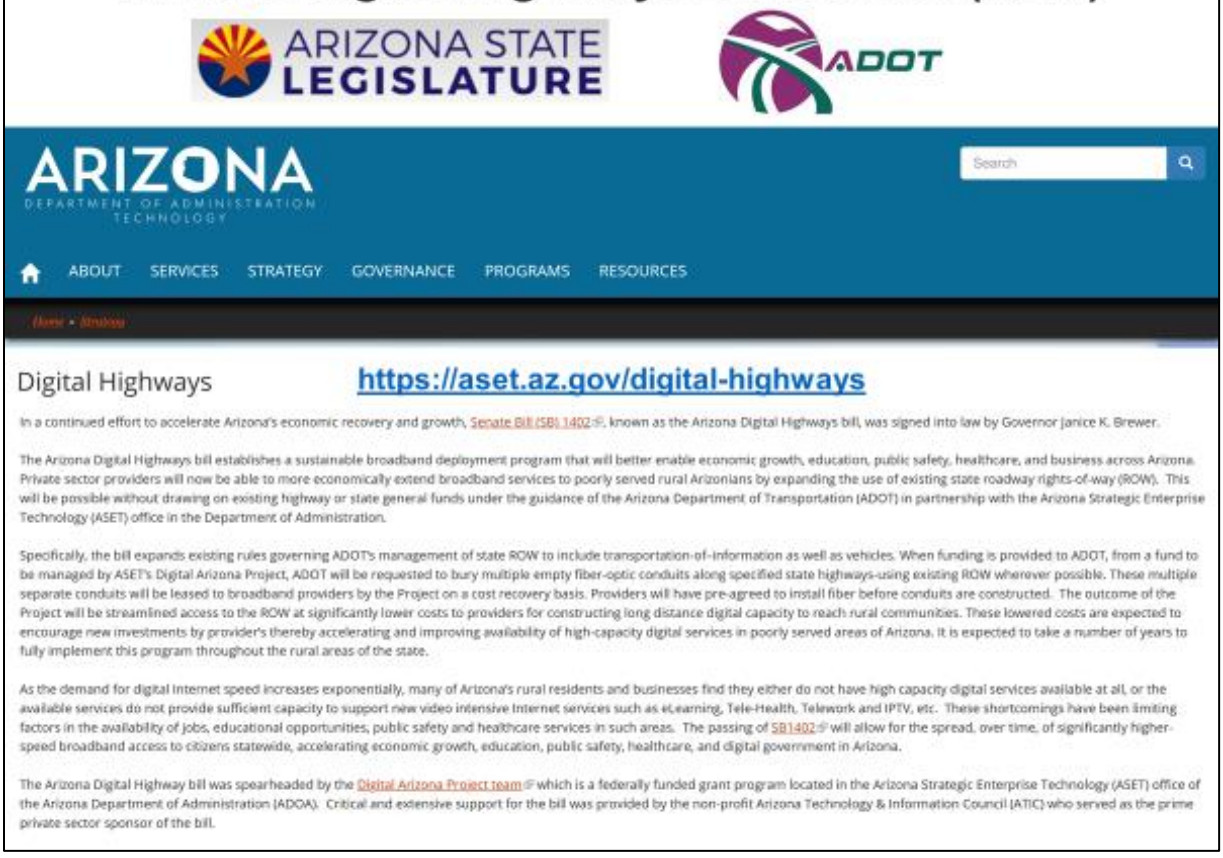
Arizona Broadband Assessment Project Overview
Broadband Provider Participation
Broadband Providers Identification Strategy
Broadband Providers Engagement Strategy
Non-Disclosure Agreement (NDA)
Data Collection and Integration
Primary Data Collection
Data Intake and Validation Application (DIVA)
Community Anchor Institutions (CAI)
Project Data Flow and Security
Validation
Validation Overview
Primary Validation Data Sources
Secondary Validation Data Sources
Arizona Broadband Map
Arizona Broadband Map Overview
Arizona Broadband Map Details
Arizona Broadband Map Tutorials
Arizona Broadband Policy Initiatives
Appendix A - Data Submittal Technical Appendix for Fall 2014
Appendix B - CAI Metadata Dictionary


Arizona Broadband Coverage Table for Fall 2014

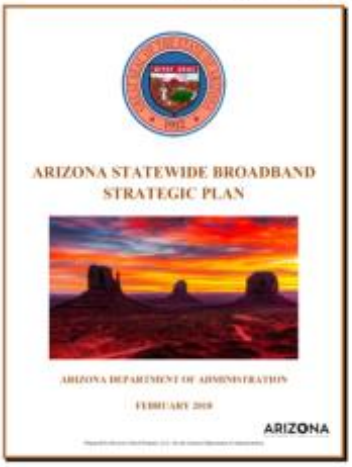
Arizona Digital Highways Bill SB1402

Regional Rural Policy Work

Arizona Digital Highways Bill SB1402 (2012)



Arizona Broadband Initiatives 2017-19



Arizona Corporation Commission (ACC) & Arizona Department of Education provided $11M in funds to leverage the build of some $150M in new rural fiber infrastructure for K-12 school & library broadband enhancements under a special 2-year FCC e-rate program beyond annual e-rate support.

ARIZONA COMMERCE AUTHORITY BROADBAND
https://www.azcommerce.com/Broadband

The Arizona Commerce Authority coordinates broadband development activities in partnership with state and local government stakeholders and the private sector to streamline regulatory hurdles and maximizes strategic broadband funding for Arizona.

Reliable, high-speed internet has become an essential element of 21st-century life. It's as ubiquitous as electricity, water and transportation. Increased connectivity impacts public health and safety, education, health care and transportation across both rural and metropolitan communities. The ACA works to expand the state's digital infrastructure statewide to improve the economy and quality of life of today's Arizonans.

The reimbursable grant will be used to accelerate the enhancement of broadband infrastructure to support economic growth and improve quality of life for Arizona's rural residents.

$3M in Broadband Grants Provided, $10M More Planned

Shovel-Ready Project Grants

- Sparklight, formerly known as Cable One, will provide fiber to approximately 400 business customers in Payson, Star Valley and Tonto Apache Tribe that has symmetrical service up to 2 Gbps.
- Mohave Electric Coop will provide high-speed broadband service at speeds up to 10 Gbps symmetrical to its 35,000 members. The project will serve Bullhead City, Fort Mohave and Mohave Valley.
- Commnet Wireless will create a new fiber-optic middle mile to Page to serve 310 small businesses and 1,066 households within the area.

Broadband Planning Activity Grants

- Coconino County
- Gila County
- Town of Springerville
- City of St. Johns

https://azfirstnet.az.gov/

Arizona State Land Department (ASLD) revised regulations to allow/encourage broadband infrastructure deployment in utility Right of Ways (ROW)

AZBSN Arizona Broadband Stakeholder Network
Arizona Telecommunications and Information Council & Greater Arizona eLearning Association

Arizona Telecommunications & Information Council (ATIC) & Greater Arizona Educational Leadership (GAZEL) launch the Arizona Broadband Stakeholder Network (AZBN)

https://www.arizonatele.org/about-stakeholder-network.html

3.2 Arizona Broadband Stakeholder Network (Steve Peters)

The Arizona Broadband Stakeholder Network (AZBSN) was formed last year as a partnership between ATIC and GAZEL to facilitate discussion between key state government officials and other stakeholders, follow up on the State broadband rural focus groups and strategic plan issuance for leveraging State/ACC funding, assist with leveraging E-rate funding, and developing public private partnerships. The Arizona Broadband Stakeholder Network (AZBSN) web presence resides at https://www.arizonatele.org/about-stakeholder-network.html.

The AZBSN Leadership Team led by Steve Peters has held several events and discussed different broadband strategies. The last leadership team meeting was held on March 6th, for which Henry and Oris wrote the minutes that are posted on the AZBSN website and also distributed via e-mail. The next webinar is tentatively scheduled for April possibly featuring Mala, Janet Major, Derek Masseth, and Melissa Armas.

A separate meeting will be scheduled with ACC Commissioner Lea Marquez Peterson who is based in Tucson and sits on the National Association of Regulatory Utility Commissioners (NARUC) Broadband Expansion Task Force. See NARUC's press release at https://www.naruc.org/about-naruc/press-releases/naruc-president-presley-announces-new-task-force-members-convenes-utility-and-energy-dialogues-at-national-policy-summit/ for details. Issues the Commissioner is concerned about include broadband availability, resiliency, and redundancy in Arizona, activities consistent with the State plan, Universal Service Fund transition strategies, NARUC, FCC entry issues into rural unserved areas, leveraging utilities for broadband service, and economic development and education.

The Arizona School Boards Association (https://azsba.org/) and rural districts and schools are increasingly interested in broadband and seeking solutions for not only their in facility use, but to help bridge the homework gap ensuring students have broadband services at home as well.

HELIOS has developed a rural working group to support distance learning which Derek Masseth of UA and Sun Corridor Network is also involved in. They plan to hold a rural policy forum later in the year. The Arizona Digital Government Summit (https://events.govtech.com/arizona-digital-government-summit.html) is returning to Phoenix on May 27 and there was discussion of Jeff Sobotka/ACA's potential involvement.

AZBSN published its first newsletter in February which remains available at https://www.arizonatele.org/news-feb-2020.html. Additional newsletters are being planned for the months ahead, hopefully on a regular basis. Steve has also started providing AZBSN Coordinator Reports with additional details on tasks and activities that he reviewed at the Board meeting.

Last year, ATIC Board approved a GAZEL proposal as two parts to fund activities in support of the Arizona Broadband Stakeholder Network (AZBSN) and Labster Consortium through February 2020 at a total of $5,000. At the February 12 meeting, the Board authorized paying Steve Peters a monthly fee of $800 for his role as AZBSN Coordinator for March 1 to July 31,2020 with the next $4K of AZBSN sponsorship or support received to be used to replenish this amount to ATIC's account. Steve has started drafting an inter-organization plan for ATIC and GAZEL for managing and funding AZBSN.

Steve has integrated the GAZEL contact database with Mark Goldstein's ATIC Board and Associates lists, the AZBSN Summit and webinar attendees, and other sources yielding some 1600 current contacts held in SendinBlue. Steve will continue to build our dedicated mailing list merging additional lists and integrating additional broadband stakeholders and interested parties to robustly rebuild our mailing list on a common CRM platform to enable, manage, and streamline stakeholder communication. Individuals may sign up for future AZBSN communications at https://www.arizonatele.org/connect-with-atic.html. Steve will also be working with a number of economic development groups and councils of governments to share our messaging with their constituents. We need a concerted effort by Board members to identify and engage key people in their networks as well as help spread the word.

3.3 Rural Community Outreach (All)

No new report on rural community activities and projects this month. Merge this section into 3.1 Activity Report going forward.

3.4 K12/GAZeL Education Report (Steve Peters, Nan Williams)

3.4.1 Arizona Technology in Education Association (AzTEA)

Nan Williams has become the Executive Director of AzTEA (http://aztea.org/). AzTEA has become a Certified Application Provider for the International Society for Technology in Education (ISTE, https://www.iste.org/) and in partnership with Edvolve is providing ICE-ISTE Certified Educator training here and in Wyoming as well.

AzTEA held an Esports event last week with a professional "mixer." They held their IT & CI Leadership Symposium: Engage, Design, Lead on March 4 at Dysart Education Center in Surprise. Upcoming events include:

3/19-20/20 Arizona Technology in Education Association (AzTEA) - ISTE Certified Educator Training at Creighton School District Office North in Phoenix, $795, http://aztea.org/event/iste-certified-educator-march-2020-arizona/

4/4/20 Arizona Technology in Education Association (AzTEA) - Engage with Esports: Where & How Part 2, 7:30 AM-12:00 PM in Phoenix, $15, http://aztea.org/event/esports-what-where-why/

6/15-16/20 Arizona Technology in Education Association (AzTEA) - ISTE Certified Educator Training at Vail School District Office, $795, http://aztea.org/event/iste-certified-educator-june-2020-arizona/

3.4.2 Labster Virtual Laboratory Simulations Consortium

GAZeL, ATIC, and AzTEA have established a project to explore interest, feasibility and a strategy to develop a statewide partnership and funding mechanism with Labster, the Virtual Laboratory Simulation Education Group based in Denmark, and K-12 schools, universities and community colleges to provide appropriate Labster virtual online lab modules for all educational institutions in Arizona for free or at a low cost. Steve recently reached out to two contacts at Labster and several from UA Innovation Center. The formative consortium continues to explore means to provide Labster curricula throughout all of Arizona. Mark Goldstein had suggested that the Flinn Foundation (http://www.flinn.org/) with their Arizona Bioscience Roadmap work and investment in

the sector might be a good sponsor prospect and passed contact info along to Steve. The Labster Project website is at https://gazel-labster.weebly.com/.

3.4.3 GAZEL Innovative Learning Initiatives

GAZeL is planning for a conference on disruptive learning at a Tucson venue TBD including a planning exercise for schools and district implementation and a closing reception. Science Foundation Arizona and/or the Helios Project may support.

Steve has been working with a number of other parties on the creation of a Maker Space Network including the many enterprise, educational, and other facilities here. Mark Goldstein suggested that the Arizona Technology Council's Additive Manufacturing Committee has good industry and educational representation and thus might be a resource to the Maker Space Network efforts.

Steve has been in dialogue with Adonis Trujillo of Microsoft who is interested in our initiatives and has some funding available. Microsoft has a number of projects with the University of Arizona including data center activities and recently purchased three large parcels in Goodyear, presumably for data center operations.

Steve mentioned Federal Reserve Community Reinvestment Act (CRA) Digital Equity/Digital Divide funding opportunities to Ben Blink of the Governor's Office and Keith Watkins/ACA. We should develop a strategy to educate the banks about what it is and to access those funds for rural educational broadband purposes.

3.5 Arizona State Library (Holly Henley, Mala Muralidharan)

State Libraries completed their sunset review with SB1418 moving through the legislative process to provide funding and operational continuity until 2028.

Mala reported on Arizona e-rate progress as we continue seeking to optimize our utilization of special ACC and ADE funds leveraging the FCC special infrastructure program expiring this year. The state has received some $58M in e-rate funding this year to date, with another $75M pending. The State initiated their telecom RFP process for 2020.

Holly Henley spoke about ways in which we may deal with coronavirus, certainly with a shift to telemedicine and recapped Janet Major's House Committee presentation earlier today. Perhaps AZBSN's Leadership Team can pivot to a broader stakeholder group engaged with pandemic broadband issues.

Mala attended the monthly state broadband stakeholder meetings on broadband involving ACA, Land Dept, Procurement Office, etc. Mala mentioned a discussion with Derek Masseth regarding how larger libraries could be helpful to students in the broadband arena. Mala also spoke about FCC Rip & Replace plans for Huawei equipment. So far libraries have not been impacted. Federal Bill 1822 has been approved and it includes provisions for including the libraries in the broadband services section. Mala's E-Rate Report with further details to the ATIC Board follows

The Arizona Library Association (AzLA) will hold their annual conference on October 14-17, 2020 in Prescott with details at https://www.azla.org/.

E-RATE – MALA MURALIDHARAN mala@azlibrary.gov

Funding for E-rate applications: In the 49 waves of funding that have been approved Arizona schools and libraries had been approved for $57.7 Million of the 126M that they applied for. Approvals have been slow in the last month.

E-rate Application Deadline for 2020-2021 March 25th

Rip and Replace Equipment from some vendors Last November, the FCC released an Order (FCC 19-121) barring the use of Universal Service Fund ("USF") subsidies to fund equipment, components, and services from companies deemed to provide a national security risk, like Huawei and ZTE. FCC has called for rule-making on this issue. FCC's preliminary position that E-rate applicants need not remove and replace previously installed equipment. Should the FCC's position change, however applicants have asked them to consider funding the full cost of replacement

Request for Admin facilities to qualify for E-rate funding
The State E-rate Coordinators' Alliance ("SECA") recently filed a formal request that the FCC revise the regulations for networking equipment used at admin sites.

FCC's rules limit the financial support admin facilities can receive under the E-rate program. Rules specifically prohibit discounts for networking equipment that serves non-instructional facilities. This reduces the amount of Wi-Fi equipment that applicants can purchase, increases administrative complexity, and slows progress in school and library systems. The FCC needs to eliminate these rules and to allow funding for networking equipment that supports non-instructional facilities. By doing so, the FCC will simplify the E-rate program and help applicants get the support that they need much faster and with fewer headaches.
FCC currently provides E-rate discounts for Internet access and data services that deliver information to these Non- instructional facilities.

Special Construction and AZ Broadband Initiative
USAC has not announced an end to the Special Construction so we are working with Corporation Commission on continuing to fund the State Match Program. At this time, we have $892,000 which will fund another $25 Million of so of Special constructions. There are projects in the pipeline.

BROADBAND DEPLOYMENT ACCURACY AND TECHNOLOGICAL AVAILABILITY ACT

The Broadband Data Act passed the Senate yesterday with an E-rate fix that SHLB and other e-rate stake-holder sent. The bill passed the House last week so it is now on its way to the President's desk for signature. Senator Markey also submitted the attached statement for the record to make sure anchor institutions are included in the bill.

Senator Markey's statement to the President. *Mr. President, schools, libraries, health care providers, and other community anchor institutions need high-capacity broadband for distance learning, access to information, and telemedicine. But too often, anchor institutions' need for broadband service are overlooked. That's why I want to make sure that anchor institutions are included in the mapping legislation under consideration today. I am pleased that S. 1822 will enable the Federal Communications Commission to develop more accurate and more granular broadband maps. However, in implementing this legislation, the FCC must make sure to include anchor institutions in its list of serviceable locations, so that our broadband maps accurately cover anchor institutions as well as residences.*

SHLB Coalition's 2020 Policy Roadmap

The SHLB Coalition recently released their 2020 Policy Roadmap, outlining the path forward for community anchor institution (CAI) broadband. The Roadmap sets forth six priorities SHLB intends to advance over the course of this year, guided by two key principles:

1) All community anchor institutions should have affordable access to gigabit broadband; and

2) deploying broadband "to and through" CAIs to connect their surrounding communities is an effective strategy to help solve the digital divide.

These priorities are all of equal importance:

- #1: Increase funding and improve the administration of the FCC's Rural Health Care (RHC) program.
- #2: Streamline and strengthen the E-rate program.
- #3: Ensure that broadband funding programs include community anchor institutions.
- #4: Increase competition through additional access to licensed and unlicensed spectrum.
- #5: Simplify and strengthen the Universal Service Fund.
- #6: Develop more accurate and granular broadband mapping data that includes anchor institutions.

3.6 Telehealth (Janet Major)

Janet Major of the UA's Arizona Telemedicine Program (ATP,) is also serving as President of the United States Distance Learning Association (USDLA - https://usdla.org/). She discussed upcoming USDA telehealth educational events and grant opportunities. Upcoming telemedicine events of note include:

Arizona Telemedicine Program's (ATP) educational and training events, blog postings and telemedicine resources - https://telemedicine.arizona.edu/

5/3-5/20 American Telemedicine Association (ATA) - ATA20 Telehealth Innovation & Networking Event in Phoenix, https://legacy.americantelemed.org/

5/18-21/20 United States Distance Learning Association (USDLA) - National Conference in Nashville, TN, $525-725 (Or Virtual for $100/200), https://usdla.org/2020-national-conference/

3.7 Government Affairs (Mike Keeling, Mark Goldstein)

The Arizona Technology Council's (AZTC) has published their Public Policy Guide for 2020. See https://www.aztechcouncil.org/public-policy/ for their key ideas, goals and legislative initiatives and to download the Guide. Thanks to the ATIC members who contributed their thoughts and suggestions to the State broadband sections and otherwise.

4 Information and Action Plans

4.1 ATIC New Website Status & Outlook (All)

The ATIC website was rebuilt on the Weebly platform led by Steve Peters. The completed website refresh was completed and cutover to which a number of members contributed ideas and content. Steve has restored some lost information and mounted content in support of the AZBSN event. Mark has continued to maintain the Board content and committed to building out the repository of ATIC reference and historical documents. You can find the relaunched site at the normal URL http://www.arizonatele.org/.

4.2 ATIC Domains, Mailing List & CRM (All)

Steve Peters has been rebuilding our mailing list in cooperation with GAZeL and is currently utilizing SendinBlue (https://www.sendinblue.com/) for publishing AZBSN communications to some 1600 subscribers currently. Besides alerts to AZBSN's own meetings and special announcement, we expect to public a periodic AZBSN Arizona broadband newsletter.

4.2.1 Zoom Subscription or Replacement

Our complimentary Zoom account has been terminated as apparently have all their non-profit comps. Steve is research getting our own Zoom account versus alternatives. We will use other ATIC members' accounts on a courtesy basis in the short term.

4.3 New Business or Motion Considerations (All)

None this month.

5 Upcoming Meetings/Events Attended

None this month.

6 Announcements

None this month.

7 Adjourn

Upcoming ATIC Board & Public Meetings

Upcoming ATIC Board Meetings for 2020 are scheduled for the second Wednesdays of the month (except August and December) from 12:00-2:00 at Arizona State Library facilities in Phoenix or by remote connections as follows:

April 8, 2020 (Library Services Center at 1919 W. Jefferson St., Phoenix)
May 13, 2020 (Historic Supreme Court Chamber, 2nd Floor of the Capitol)
June 10, 2020 (Historic Supreme Court Chamber, 2nd Floor of the Capitol)
July 8, 2020 (Historic Supreme Court Chamber, 2nd Floor of the Capitol)
September 9, 2020 (Historic Supreme Court Chamber, 2nd Floor of the Capitol)
October 14, 2020 (Historic Supreme Court Chamber, 2nd Floor of the Capitol)
November 18, 2020 (Historic Supreme Court Chamber, 2nd Floor of the Capitol)

ATIC Public Meetings:

Future AZBSN webinars and roundtables are under development

MAKE YOUR HOME'S SEQUEL BETTER THAN THE ORIGINAL WITH A HOME EQUITY.
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Arizona T...

Dashboard

Accounts

Checking		**$1,226.85**
ATIC 434041 04081-0400	A	**$1,226.85** $1,226.85
Savings		**$1,015.69**
ATIC 073206 04081-0000	A	**$1,015.69** $1,040.69
Share Certificate		**$12,388.58**
Business Cert 12 Month ... 04081-1101	A	**$6,235.22** $6,235.22
Business Cert 18 Month ... 04081-1100	A	**$6,153.36** $6,153.36

A Available Balance

Is a Money Market Account Right for You?
Money market account vs. Regular savings account: Understand the difference.
February 19, 2020

MAKE A BIG CHANGE THIS YEAR!
February 14, 2020

Last **15** days

1 transfer **$1,000.00**

times

Next **15** days

There is no activity scheduled for the next **15** days.

BudgetTracker

You have no budgets

Create a Budget

Quick Links

Credit Card Login

Investments (Raymond James)

Mortgage Loans (MLOS)

Identity Secure

LinkExternalAccount

Desert Financial Credit Union

Transaction History

100 Transactions | Statement Period: **All Dates** | Date of Statement: **03/10/2020**

DATE	DESCRIPTION	CREDITS	DEBITS	BALANCE
03/09/20	ONLINE BANKING TRANSFER FROM 0000	$1,000.00		*$1,226.85*
02/19/20	DRAFT #2204 TRACER 27846753		-$34.43	*$226.85*
02/18/20	DRAFT #2205 TRACER 27804369		-$1,000.00	*$261.28*
02/18/20	DRAFT #2203 TRACER 27804368		-$1,000.00	*$1,261.28*
02/12/20	SQ *SUBS 5999 PHOENIX AZ 00000000		-$130.00	*$2,261.28*
02/11/20	ONLINE BANKING TRANSFER FROM 0000	$1,000.00		*$2,391.28*
02/11/20	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$26.81	*$1,391.28*
01/16/20	DRAFT #2202 TRACER 27145182		-$17.38	*$1,418.09*
01/10/20	DRAFT #2201 TRACER 27011341		-$256.00	*$1,435.47*
01/10/20	DRAFT #2200 TRACER 27011340		-$32.94	*$1,691.47*
01/10/20	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$26.56	*$1,724.41*
01/08/20	SQ *SUBS 5999 PHOENIX AZ 00000000		-$130.00	*$1,750.97*
12/27/19	DRAFT #2198 TRACER 26670748		-$1,000.00	*$1,880.97*
12/11/19	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$28.04	*$2,880.97*
12/08/19	ONLINE BANKING TRANSFER FROM 0000	$2,000.00		*$2,909.01*
12/04/19	DRAFT #2197 TRACER 26126146		-$1,000.00	*$909.01*
12/03/19	DRAFT #2196 TRACER 26082078		-$38.27	*$1,909.01*
11/13/19	SQ *SUBS 5812 0 MI 00000000		-$130.00	*$1,947.28*
11/12/19	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$27.41	*$2,077.28*
11/11/19	ONLINE BANKING TRANSFER FROM 0000	$1,000.00		*$2,104.69*
10/29/19	DRAFT #2195 TRACER 25326342		-$1,000.00	*$1,104.69*
10/23/19	ONLINE BANKING TRANSFER FROM 0000	$1,000.00		*$2,104.69*
10/22/19	DRAFT #2194 TRACER 25180348		-$38.28	*$1,104.69*
10/22/19	DRAFT #2193 TRACER 25180349		-$155.45	*$1,142.97*
10/11/19	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$26.42	*$1,298.42*