

June 21, 2021 AZBSN COVID-19 Digital Access Task Force Teleconference Report

Attendees

Mark Goldstein, Oris Friesen, Henry Goldberg, Tracey Beal, Karen Beshak, Melissa Boydston, Wes Brownfield, Kirk Busch, Gene Carl, Michael Cohen, Josh Cohn, Milan Eaton, Michael Edmonds, Marcelino Flores, Terence Ford, Holly Henley, Karen Hewitt, Cindy Hogan, Shereka Jackson, Erik Jolly, John Kelly, Debbie Kovesdy, Linda Leatherman, Tarma Liranzo, Ilana Lowery, Janet Major, Derek Masseth, Sophia Mayberry, Clarence McAllister, Andrew Metcalfe, Randy Mifflin, Georgina Monsalvo, Mauricio Orozco, Lea Marquez Peterson, Tracy Rexroat, Jenny Rickel, Paul Ross, Michelle Simon, Andy Sinclair, Roniyur Singh, Troy Smith, Jeff Sobotka, Graham Taylor, Paul Trujillo, Rachna Vas, Albert Velarde, Joy Whiting, Brad Zerbe, Karen Ziegler

Task Force Moderator Today, Sponsors, Events and Updates Webpage, Assistance with Distribution of Donated Computers

Task Force Moderator Today

Mark Goldstein moderated the task force meeting today in the absence of Steve Peters, the coordinator of the AZBSN COVID-19 Digital Access Task Force. Steve had to be hospitalized for a health concern today. The task force wishes Steve a speedy recovery.

Task Force Sponsors

Mark thanked Care1st Health Plan Arizona, Valley of the Sun United Way, the Satellite Broadcasting & Communications Association, and Kajeet for providing sponsorship funding for this task force. The sponsors are displayed on the task force website.

Mark noted that the sponsorship funding is used to pay Steve for his coordination of the task force, provide some funding for the Emergency Broadband Benefit program outreach, and hopefully support other task force projects going forward.

Task Force Events and Updates Webpage

Steve continues to add information relevant to the task force on the Events and Updates webpage of the task force website. Steve includes a link to this webpage/newsletter in his e-mails to the task force, and strongly encourages task force participants look at this webpage regularly for important information on programs (e.g. federal grant programs), events, and contacts. Mark noted that any task force participants that would like to inform the task force about significant upcoming relevant events should provide such information to Steve for posting on this Events and Updates webpage.

Assistance with Distribution of Donated Computers

Tracey Beal, Executive Director of School Connect, reported that she has received a donation of 4 pallets of computers for rural school districts that will be delivered in mid-July. She is working with Wes Brownfield to distribute these computers to school districts in need of computers. Tracey requested warehouse space to store these computers for 1 – 2 weeks until they are distributed. Karen Hewitt of VectorUSA offered her company's warehouse space to store the computers, and Milan Eaton will also look into whether the Arizona Dept. of Education has warehouse space for this.

Updates: State Broadband Director, Sun Corridor Network, ADE, AZ State Library, ACC, Telehealth

State Broadband Director Update

Jeff Sobotka, State Broadband Director at the Arizona Commerce Authority (ACA), reported on his recent activities.

The ACA has retained KPMG as the external consulting firm to provide an update to the state broadband strategic plan focusing on middle-mile fiber strategy/planning. The ACA is working with Derek Masseth of the Sun Corridor Network in interacting with KPMG on this. Derek noted that the work with KPMG will identify the highway segments that are the best strategic fit to deploy middle-mile fiber. Mark Goldstein asked when the KPMG report will be delivered, and Jeff replied that they have asked KPMG to submit their report in about 90 days.

The State of Arizona through the ACA is seeking to formally support an eligible project for the NTIA Broadband Infrastructure Grants Program (\$288 million in national funding available for this new 2021 program). The grants are designed for public-private partnerships between states or subdivisions of states and private service providers who will provide fixed broadband service in an eligible service area (primarily intended for rural areas). ACA received a number of submissions of expression of interest in applying for this grant program (due date was June 18th), and the ACA intends to select an eligible project to formally endorse or serve as a co-applicant for the grant. Jeff noted this does not preclude others from separately applying for the NTIA program. Karen Ziegler asked when the ACA will decide on which project it will endorse, and Jeff responded that because of the large number of submissions it will likely be decided after July 4th.

Jeff reported that the ACA Rural Broadband Development Grants (RBDGs) program funding is still being considered by the state legislature. The legislature is considering a "skinny budget" so this budgeting process may slow the resolution of this. Mark Goldstein asked about the RBDG program rules, and Jeff responded that issues of communities' eligibility and size of the grants will need to be decided based on the program funding level, but Jeff expects that there will be goals to provide broadband connectivity beyond 25/3 Mbps. Cindy Hogan asked about the flexibility of use of the RBDG grants, and Jeff responded that they have been used in the past for community planning grants and broadband infrastructure deployment grants. There were four \$50,000 RBDG community planning grants for the last round, and Mark suggested there could be more community planning grants for the upcoming fiscal year depending on the level of program funding (which will likely be between \$10 - \$100 million). Wes Brownfield stated he would like to see more funding for broadband infrastructure than planning, and Jeff replied that a small percentage of the total funding will go to planning but he supports innovative projects such as the SEAGO GIS Mapping Tool (discussed in the May 24th task force meeting

report). Jeff added that there are a number of state broadband infrastructure projects that are shovel-ready.

Cindy Hogan asked whether there is a place where one can get clarification of the various federal grant programs. Mark Goldstein and Jeff responded that NTIA has published a federal broadband funding guide (see Jeff's link in the Appendix 1 Chat), which provides one page on each type of federal funding program available from federal agencies such as NTIA, USDA, EDA, and the FCC. Jeff noted that cities/towns are also receiving federal grant funding, and he has asked them to set aside a portion of this for matching funds for federal broadband grants. Mark added the American Rescue Plan Act provides \$7.2 billion to the State of Arizona that falls into dozens of categories for state agencies, municipalities, etc. (John Kelly wrote a document regarding this), and this task force will track opportunities for using this funding to support digital access.

Mark reported that there is a new bipartisan Senate bill called the "Broadband Reform and Investment to Drive Growth in the Economy (BRIDGE)" that has been proposed to provide \$40 billion in flexible funding for broadband infrastructure for states and tribal governments. Mark noted that if passed such funding could provide about \$500 - \$800 million to Arizona as a block grant that would be at state/local discretion as how to best allocate. See Mark's post in the Appendix 1 Chat about this bill.

Jeff concluded saying he will be traveling to Yuma this week to discuss broadband issues.

Sun Corridor Network Update

Derek Masseth, Executive Director of the Sun Corridor Network (SCN), reported on recent SCN activities.

Derek reported on the "Lighting Up the Future" project launched by ASU, The Institute for Digital Progress, the Arizona Commerce Authority, and the SCN to address the digital divide in Arizona (as discussed at previous task force meetings). This project will hold "The Adoption Gap" roundtable (their 2nd roundtable) today from 4:00 – 5:00 pm. See Derek's link in the Appendix 1 Chat to register for this.

ASU in partnership with Common Sense Media is hosting a "Tech for Tomorrow" Digital Equity Town Hall on July 8th at 10:00 am. See Derek's link in the Appendix 1 Chat to register for this.

The SCN continues to work on various community network projects in Phoenix, Page, the Navajo Nation, and for the Tohono O'odham tribe (as discussed at previous task force meetings).

The SCN continues to work on the I-17 and I-19 fiber middle-mile deployment projects, which have received funding commitments. As discussed above, Derek will be working with KPMG on determining future strategic deployments of middle-mile fiber in the state. Jeff Sobotka commented that he would like Derek and NAU to provide an update for the task force in the future about middle-mile fiber deployment planning.

ADE Update

Sophia Mayberry, Project Manager in the Office of the Superintendent of Public Instruction at the Arizona Dept. of Education (ADE), and Milan Eaton, State E-rate Director at ADE, reported on recent ADE activities.

Sophia reported that ADE will send out again this week information to schools about the FCC Emergency Connectivity Fund (ECF) program as the application window opens on June 29th, and this information will also be posted on the ADE technology webpage.

Sophia posted a link in the Appendix 1 Chat to the ongoing ADE federally-funded projects.

The ADE Technology Task Force report is expected to be published at the beginning of July.

Milan Eaton discussed further the ECF program. The ECF program rules only support new broadband infrastructure for communities that have no connectivity available from a service provider. Milan stated he may be able to assist remote communities in applying for building broadband infrastructure where they only have geosynchronous (high-Earth orbit) satellite service that has too high delay issues to adequately support Zoom online learning, but will have to convince USAC that this is justified. John Kelly commented that such geosynchronous satellite service or dial-up Internet service availability should not restrict building ECF-funded broadband infrastructure, and Milan added that Low Earth Orbit (LEO) satellite service availability may overcome the latency issues. Joy Whiting asked about students who get bussed a long distance to schools being covered under ECF, and Milan replied that service providers with schools will have to file Form 471 to determine ECF broadband pricing for all students. Mauricio Orozco asked how does a school district determine which areas have broadband coverage, and Milan responded that older FCC broadband maps reporting by census block have had accuracy problems but Jeff is working with the NTIA to provide Arizona maps that identify underserved/unserved areas, and individuals (e.g. school district superintendents, consultants) can also provide specific knowledge on their areas. Mark Goldstein added that this new NTIA National Broadband Availability Map (NBAM) is an improvement on showing which areas do not have broadband coverage, and Jeff added that it also overlays demographic information (see Jeff Sobotka's link in the Appendix 1 Chat to access the NBAM).

.Arizona State Library Update

In the absence of Mala Muralidharan, E-rate Administrator for Public Libraries at the Arizona State Library, Holly Henley, State Librarian, reported on her and Arizona State Library recent activities.

Holly reported that Mala spent last week getting word out about the Emergency Connectivity Fund program to state libraries. USAC is holding ECF training webinars this month and the FCC will host an ECF webinar on June 25th.

Milan Eaton asked if rural libraries will be applying for ECF funds to build broadband infrastructure to homes extending their existing E-rate funded Internet backhaul networks. Holly responded that she has not heard about this, but Mala may be able to respond to this.

ACC Update

Lea Marquez Peterson, Commissioner and Chair of the Arizona Corporation Commission (ACC), reported on her and ACC recent activities.

Lea explained that the ACC regulates utilities, and has some limited jurisdiction over telecommunications service providers.

The ACC is approving new eligible telecom carriers to operate in the state every month.

The ACC is continuing its work considering the reforming of the Arizona Universal Service Fund (AUSF) to support rural broadband (as discussed at previous task force meetings).

The ACC is conducting an investigation of Frontier 911 coverage in rural Arizona due to recent 911 outages, which is an area that the ACC regulates.

Telehealth Update

Janet Major, Associate Director of Education & Facilities for the Arizona Telemedicine Program (ATP) and Chair of the United States Distance Learning Association (USDLA) Board, reported on recent telehealth activities.

Janet and Jeff Sobotka attended the Arizona Rural Health Conference in Flagstaff on June 15-16th. Janet distributed Emergency Broadband Benefit (EBB) program information/flyers provided by Cindy Hogan to attendees at the conference. Amanda Aguirre, who applied for a Distance Learning & Telemedicine (DLT) grant for Yuma County, will be sharing the EBB information with low-income households in that area. Janet will be looking into creating a panel of experts with office hours to share EBB information with the healthcare community. Janet suggested that it may be worthwhile to do EBB public service announcements on TV/radio to inform more people who have not heard about the program.

“The Final Mile Project” Update

Wes Brownfield, Executive Director of the Arizona Rural Schools Association and Consortium Member of the Final Mile Project, and Milan Eaton, State E-rate Director at ADE, provided an update on “The Final Mile Project” (which was reported on by Wes and Milan in the March 15th and April 5th task force meeting reports).

Wes stated that The Final Mile Project is a concept to deliver broadband Internet to student homes where it is not currently available, not affordable, or not effective. Milan has formulated RFPs for five projects to be funded by ADE: Holbrook USD (Navajo County), Beaver Creek ESD (Yavapai County), Chevelon Butte ESD (Coconino County), Pima USD (Graham County), and Paloma ESD (Maricopa County). ADE has provided \$1.5 million for this pilot project to provide a proof-of-concept to deliver affordable 100 Mbps broadband Internet service to student homes.

Through prior E-rate funding, schools already have fiber access to the Internet. The Final Mile Project will enable broadband connectivity to student homes using appropriate technology. A major technology option that will be considered is CBRS wireless access from student homes (with receivers) to the schools, but some service providers are also proposing Fiber-To-The-Home options. The goal of The Final Mile Project is to provide the broadband service to student homes at a price of under \$10 per month, which would cover the service providers' operations and maintenance costs assuming the capital costs are covered by government grant funding (ADE funding in this pilot project). Milan stated the RFP responses are due by July 23rd at the Maricopa County School Superintendents Office.

Milan noted that the FCC Emergency Connectivity Fund (ECF) will provide students in low-income households with devices for their homes. If The Final Mile Project can demonstrate that students can receive affordable broadband Internet service for under \$10/month, then rural students will have the digital resources needed for online learning. The broadband Internet services will only be useable for educational purposes during the day, and traffic will be directed

to Kajeet data centers to ensure CIPA-compliant filtering. If households want to use these broadband Internet services for non-educational purposes during the evenings, they would have to pay extra for that.

Next Steps

The next AZBSN COVID-19 Digital Access Task Force overall meeting will be held on Monday, June 28th at 7:30 am.

As noted above, the Lighting Up the Future “The Adoption Gap” roundtable will be held today at 4:00 pm; and USAC and FCC ECF webinars are being held this month (see Steve Peters June 15th e-mail to the task force).

Paul Ross, CIO of Phoenix College, reported that their City of Phoenix digital divide solutions project update will be presented on Wednesday June 23rd to the City of Phoenix Workforce and Economic Development Subcommittee (see Paul’s post in the Appendix 1 Chat for more information).

Steve Peters had noted that he will be taking vacation in July and may need to cancel a couple of task force meetings then. Karen Ziegler suggested that she or Mark Goldstein could host the task force teleconferences if Steve is not available then.

Henry Goldberg and Oris Friesen will write up a summary report of today’s task force meeting.

Appendix 1: Chat from Zoom

[Editor’s note: The name Steve Peters below refers to Mark Goldstein.]

Sophia Mayberry to Everyone (7:33 AM)
Good morning. I can only join until 8:20 today.

Ilana Lowery to Everyone (7:34 AM)
Not sure if you all saw this: <https://www.ncsl.org/research/telecommunications-and-information-technology/treasury-releases-guidance-on-state-broadband-spending-magazine2021.aspx>

Milan Eaton to Everyone (7:46 AM)
[file: County Funding.xlsx]

Derek Masseth to Everyone (7:47 AM)
I have to drop off at 8, apologies.

Cindy Hogan to Everyone (7:49 AM)
Thank you so much, Milan. Great start!!!

Derek Masseth to Everyone (7:52 AM)
Reminder regarding the Lighting up the Future Adoption Gap Roundtable today at 4:
<https://asu.us19.list-manage.com/track/click?u=bf9e4e213e2b8955e6c28db0d&id=5c5a2e4c8b&e=52854118d6>

Cindy Hogan to Everyone (7:53 AM)
Thank you Ilana, this helps too!!!

Derek Masseth to Everyone (7:53 AM)
ASU in partnership with Common Sense Media is hosting a "Tech for Tomorrow" Digital Equity Town Hall on July 8 from 10 to noon:
<https://na.eventscloud.com/ereg/newreg.php?eventid=626872&>

Jeff Sobotka to Everyone (7:54 AM)
<https://broadbandusa.ntia.doc.gov/news/latest-news/ntia-launches-updated-federal-broadband-funding-guide>

Mauricio Orozco to Everyone (7:56 AM)
Can you please share your contact information via chat? Thanks

Ilana Lowery to Everyone (7:56 AM)
Thanks, Derek.

Debbie Kovesdy to Everyone (7:57 AM)
Thanks everyone!

Andrew Metcalfe to Everyone (7:58 AM)
Andrew Metcalfe
Andrew Metcalfe
President / CEO
Native Network Inc
Metcalfe@nativenetwork.com
509-661-2639
www.nativenetwork.com

Rachna Vas to Everyone (8:00 AM)
Rachna Vas
Business Program Manager
Airband US – Rural
M: +1 (202) 677-0991
rachnavas@microsoft.com
<https://www.microsoft.com/en-us/corporate-responsibility/airband>

Steve Peters to Everyone (8:02 AM)
The bipartisan Broadband Reform and Investment to Drive Growth in the Economy (BRIDGE) Act was introduced on 6/15/21 and would provide \$40 billion in flexible broadband funding to states and tribal governments. The BRIDGE Act prioritizes unserved, underserved, and high-cost areas with investments in “future proof” networks that will meet the long-term needs of communities while supporting efforts to promote broadband affordability, adoption, and digital inclusion, encouraging gigabit-level Internet wherever possible and increasing choice and competition by empowering local and state decision-making, lifting bans against municipal broadband networks, and allowing more entities to compete for funding. See Senate

announcement at <https://www.bennet.senate.gov/public/index.cfm/press-releases?id=34FF0174-151E-41D9-BC3D-66957B8503A8> FYI.

Sophia Mayberry to Everyone (8:04 AM)
<https://www.azed.gov/esser-setaside>

Paul Ross to Everyone (8:06 AM)
Our project update will be presented Wednesday at the City of Phoenix Workforce and Economic Development Subcommittee
<https://www.phoenix.gov/cityclerk/site/City%20Council%20Meeting%20Files/210623003.pdf>

Milan Eaton to Everyone (8:09 AM)
<https://www.thefinalmileproject.com/Request-for-Proposal>

Steve Peters to Everyone (8:10 AM)
See our AZBSN updates with events and webinar details at <https://www.arizonatele.org/covid-updates-june-16-2021.html> FYI.

Debbie Kovesdy to Everyone (8:18 AM)
YouTube put out a YouTubeEDU channel for a while

Jenny Rickel to Everyone (8:18 AM)
Jenny Rickel, COO
Native Network Inc
jrickel@nativenetwork.com
509-300-0102
Broadband grant specialist

Cindy Hogan to Everyone (8:19 AM)
Thank you, Jenny!

Debbie Kovesdy to Everyone (8:19 AM)
Debbie Kovesdy CEO GenTech Support debbie@gentechsupport.com 602-571-1014
gentechsupport.com

Sophia Mayberry to Everyone (8:20 AM)
I have to run. Email me if you need me. :)

Paul Ross to Everyone (8:24 AM)
Milan and Wes . . . we are the most sensational, inspirational, celebrational and Arizona-ational. . . what we call ourselves the A Z B R O A D B A N D . . . S H O W.
(Now can you think of what show this was based on.)

Cindy Hogan to Everyone (8:28 AM)
I got information from N D I A last week that within the ARPA we can fund survey + data collection efforts in un- and underserved areas. We need these so badly!

Jeff Sobotka to Everyone (8:29 AM)

Here is the NTIA map. Need to drop at 8:30.

<https://broadbandusa.maps.arcgis.com/apps/webappviewer/index.html?id=ba2dcd585f5e43cba41b7c1ebf2a43d0>

Joy Whiting to Everyone (8:30 AM)

Thanks Jeff!

Janet Major to Everyone (8:33 AM)

It would be so great to do a statewide survey!

Cindy Hogan to Everyone (8:33 AM)

I still have some free printing I can provide for the rest of this week if anyone in Tucson needs hard copy flyers!

Mauricio Orozco to Everyone (8:34 AM)

Hi Janet, does your list of providers include FQHCs? Thanks

Tracey Beal to Everyone (8:36 AM)

I'd love to ask for help for a place to deliver 4 pallets of computers that will be given to rural districts. They will be delivered mid-July and would need to be available for a week or so while deliveries happened for districts in need.

Karen Hewitt to Everyone (8:42 AM)

Tracey - reach out if you need the space - Karen 602.283.7446. kahewitt@vectorusa.com

Tracey Beal to Everyone (8:42 AM)

Thanks so much, Karen!

Lea Marquez Peterson to Everyone (8:42 AM)

Best wishes for Steve's speedy recovery!

Paul Ross to Everyone (8:43 AM)

Agree all the best to Steve.

Tracey Beal to Everyone (8:43 AM)

Steve get better!

Appendix 2: Registration Information for Attendees at Today's Task Force Meeting

First Name	Last Name	Organization	Job Title	Email	Phone	Mobile
Tracey	Beal	School Connect	Executive Director	tracey@schoolconnectaz.org		
Karen	Beshak	Kajeet Inc.	BDE	kbeshak@kajeet.com		
Melissa	Boydston	vsuw	vp	mboydston@vsuw.org		
Wes	Brownfield	Arizona Rural Schools Association/Final Mile Project	Executive Director	arsaschools@gmail.com	9288307182	
kirk	busch	BigData Southwest	ceo	kirk.busch@bigdatasw.org	4803344997	4803344997
Gene	Carl	Cox Business	Sales Manager Public Sector	gene.carl@cox.com	16026904175	
Michael	Cohen	ATIC	Researcher	mikey1145@yahoo.com	5203906647	5203906647
Josh	Cohn	Pima County	Grants Manager	Josh.Cohn@pima.gov		
Milan	Eaton	AZ Dept of Education	State Erate Director	milangeaton@gmail.com	6233326357	6233326357
Michael	Edmonds	Thrive in the 05; Ward 3	Engagement Specialist	mike.edmonds@tucsonaz.gov	929-244-9477	520-977-4429
Marcelino	Flores	Pima County	Special Staff	marcelino.flores@pima.gov		
Terence	Ford	Insight	Solutions Engineer	Terence.ford@insight.com	6025701540	
Oria	Friesen	ATIC	Secretary	oris@cox.net	6026891084	6026891084
Henry	Goldberg	ATIC	Vice Chair	hgold52@aol.com	480-609-9279	480-433-3536
Mark	Goldstein	International Research Center	President	markg@researchedge.com	602-470-0389	
Holly	Henley	Arizona State Library	State Librarian	holly.henley@cox.net		
Karen	Hewitt	VectorUSA	SLED Broadband	kahewitt@vectorusa.com	6022837446	
Cindy	Hogan	United Way of Tucson and Southern Arizona	Digital Equity Project Manager	chogan@unitedwaytucson.org	5208911285	
Shereka	Jackson	Future Stars	ceo	futurestarsaz@hotmail.com	6232210902	
Erik	Jolly	T-Mobile	Government Account	erik.jolly@t-mobile.com	4803294832	
John	Kelly	Triadvocates	Principal	johnkelly@triadvocates.com	6026390852	
Debbie	Kovesdy	GenTech	CEO	debbie@gentechsupport.com	6025711014	
Linda	Leatherman	Pima County	Prog Mgr	Linda.Leaherman@pima.gov		
Tarma	Liranzo	Engineered Tower Solutions	Program Manager	tarma.liranzo@ets-pllc.com		
Ivana	Lowery	Common Sense Media	Arizona Director	ilowery@commonsense.org		623-341-0177
Janet	Major	ATP/SWTRC	Assoc Director Outreach, Education & Facilities	jmajor@telemedicine.arizona.edu	15204030736	
Lea	Marquez Peterson	AZCC	Chair	lmarquezpeterson@azcc.gov		
Derek	Maseth	Sun Corridor Network	Executive Director	dmaseth@suncorridor.org		
Sophia	Mayberry	kjl	lkjl	sophia.mayberry@azed.gov		
Clarence	McAllister	Fortis Engineers	Principal	cmcallister@fortisengineers.us		480-221-9002
Andrew	Metcalfe	Native Network Inc.	President / CEO	metcalfe@nativenetwork.com	509-300-0101	509-661-2639
Randy	Mifflin	Cellular One NE Arizona	ICT Senior Business Consultant	rmifflin@cellularoneaz.com		
Georgina	Monsalvo	Stand for children	Organizing director	gmonsalvo@stand.org		
Mauricio	Orozco	Care1st Health Plan Arizona	Community Engagement Manger	morozco@care1staz.com		
Tracy	Rexroat	AZ Dept of Education	Program Speialist	tracy.rexroat@azed.gov	16023640322	
Jenny	Rickel	Nat;ive Network Inc	COO	jrickel@nativenetwork.com	5093000102	5096615100
Paul	Ross	Phoenix College	AVP CIO	it.innovations@gmail.com	6149464500	
Andy	Sinclair	Arizona Department of Economic Security Division of Aging and	CAPS Capacity Development Coordinator	asinclair@azdes.gov	4802632271	4802632271
Roniyur	Singh	SFB-CRC	ERN and CRC Director	rsingh@sfb-crc.org	5203939872	
Troy	Smith	EY	Associate Director	troy.smith@ey.com	18472264550	
Jeff	Sobotka	State of Arizona	State Broadband Director	JeffS@AZCommerce.com		
Paul	Trujillo	NAU	Network Architect Engineer	paul.trujillo@nau.edu		
Rachna	Vas	Microsoft	Program Manager	rachnavas@microsoft.com	3157033043	2026770991
Albert	Velarde	Smith Bagley Inc	Strategic Account Manager	avelarde@cellularoneaz.com	15057012222	15057012222
Joy	Whiting	Apache County School Superintendent	Apache County School Superintendent	joy.joywhiting@gmail.com	9283377539	
Brad	Zerbe	Arizona Government Consulting	Principal - Broadban grant writer and researcher	zerbebrad@gmail.com	623-332-0506	623-332-0506
Karen	Ziegler	Karen Ziegler Consulting Services	Principal	karen.ziegler@karenzieglerconsulting.com	6027992816	