Greater Arizona Educational Leadership

AZBSN Arizona Broadband Stakeholder Network

Arizona Telecommunications and Information Council

August 9, 2021 AZBSN COVID-19 Digital Access Task Force Teleconference Report

Attendees

Steve Peters, Oris Friesen, Henry Goldberg, Mark Goldstein, Tracey Beal, Karen Beshak, Andrew Bevington, Brendon Blake, Kate Boettcher, Kirk Busch, Gene Carl, Erin Carr-Jordan, Oliver Carter, Jerry Crow, Brian Daly, Lindsay Dietz, Michael Edmonds, Heather Floyd, Debra Hanken Kurtz, Holly Henley, Karen Hewitt, Cindy Hogan, Shereka Jackson, John Kelly, Debbie Kovesdy, Tarma Liranzo, Jim Logan, Ilana Lowery, Janet Major, Sophia Mayberry, Will McCullen, Paul Melcher, Mala Muralidharan, Mauricio Orozco, Lawrie Prickett, Cindi Ptak, Jenny Rickel, Mike Rohrbach, Fernando Roman, Paul Ross, Michelle Simon, Andy Sinclair, Jeff Sobotka, David Soffer, Manny Villa, Joy Whiting, Brad Zerbe, Karen Ziegler

Task Force Sponsors, Events and Updates Webpage, Participants List, AARP Engagement with Task Force, Task Force Planning Committee

Task Force Sponsors
Steve Peters again 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.

Steve is continuing to seek further funding support for the task force's upcoming work, and welcomes any organizations interested in becoming sponsors.

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. Steve regularly updates this webpage with new announcements and activities of interest to the task force.

Task Force Participants List
Steve noted that the task force participants spreadsheet is located on the task force website. Steve again asked attendees to fill out the Google form on the website to be included in this spreadsheet. This is a good place for task force participants who are looking to connect with others on the task force.

Attendees at task force meetings showing their position and contact information are also included in an Appendix of each task force meeting report.

<u>AARP Engagement with Task Force on Digital Access</u>
Steve met last week with Brendon Blake, Associate State Director of AARP. Brendon explained that AARP has recently engaged in broadband/digital access work in Arizona and other states, and is particularly interested in addressing broadband needs for seniors in rural Arizona. AARP advocates for policies/legislation at the federal and state levels, and can also help make connections. They put a high priority on enabling telehealth for seniors. Brendon would like to partner with our task force in these areas.

Steve noted that our task force has a number of organizations that may want to partner with AARP on providing digital access including digital literacy for seniors. Steve added that the Arizona Telemedicine Program work on telehealth should be of particular interest to AARP. Jeff Sobotka commented that the FCC Emergency Broadband Benefit (EBB) program outreach work of our task force is also relevant to AARP. Mike Rohrbach commented that his organization Creative Communications Learning Advisory Council (CCLAC), Inc. enables young people to assist seniors with digital literacy. Erin Carr-Jordan, Head of Social Impact at ASU, commented that ASU is working on digital literacy programs and would like to connect with Brendon.

<u>Setting Up Meeting of Task Force Planning Committee</u>
Mark Goldstein suggested Steve set up a meeting of the task force planning committee in the near future to discuss next steps for the task force to act on the November 2020 task force recommendations report. Steve commented that he would also like to work on ways to build relationships between task force participants.

Updates: State Broadband Director, AZ State Library, ADE

<u>State Broadband Director Update</u>

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 2018 state broadband strategic plan focusing on middle-mile fiber strategy/planning.   Jeff stated that KPMG met with 20 people/15 groups including rural communities and carriers, and will release its report in early fall. The report will include tactics for middle-mile fiber deployment and will impact how the state funds middle-mile fiber deployment in the future.

Jeff attended the Local First Arizona Rural Policy Forum last week. Jeff noted that Local First Arizona will be a key partner in rural communities writing broadband/digital access grant applications.

Jeff will be going to Eloy this week for a USDA broadband announcement.

Kirk Busch asked about the progress of the broadband funding in the federal infrastructure bill being considered in Congress.   Jeff replied that he does not know about this, but Senator Kyrsten Sinema of Arizona has been a leader on the infrastructure bill. Mark Goldstein noted that the federal infrastructure bill contains a "Broadband Equity, Access and Deployment (BEAD)" program, and the telecom law firm Keller & Heckman provided a detailed overview of this $65 billion BEAD program which allocates $42.5 billion to state broadband block grants (so

likely about $800 million for Arizona). See Mark's post in the Appendix 2 Chat on this.   Jeff remarked that the last federal stimulus proposed state broadband block grants but those were dropped at the last minute, so these will not necessarily be approved this time.

Arizona State Library Update

Mala Muralidharan, E-rate Administrator for Public Libraries at the Arizona State Library, reported on her and Arizona State Library recent activities.

Mala participated in a Schools, Health & Libraries Broadband Coalition (SHLB) meeting last week discussing the federal infrastructure bill BEAD program. This program adopts a broader definition of community anchor institutions (CAIs) beyond schools and libraries to include public housing authorities, healthcare providers, and other community support organizations, however it relegates CAIs to third priority in terms of funding below unserved and underserved households (awardees can't connect CAIs until all homes are served). This ignores the economic efficiencies gained by placing CAIs and households on the same shared networks. Another problem area with the BEAD program is its exclusive reliance on the new FCC maps to determine where broadband is missing, which rely too heavily on service provider data that overstate coverage. This could be overcome if the FCC maps were supplemented by other sources such as the NTIA Broadband Access Map and state maps.

The infrastructure bill provides $1 billion for middle-mile fiber projects, but does not allow CAIs to connect to them directly. New research shows that the US must invest at least $5 billion to provide the middle-mile fiber infrastructure needed for all rural communities

The infrastructure bill appropriates $2.75 billion over 5 years for the Digital Equity Act, which does make CAIs eligible to receive funds for digital literacy training.

The infrastructure bill also directs the FCC to produce a report shortly on the future of the Universal Service Fund (USF), which is critical for funding CAIs' broadband needs. The USF has been in need of reform for years.

SHLB is supportive of the infrastructure bill's broadband funding, but is concerned that this bill may not get CAIs up to the gigabit speeds called for in the National Broadband Plan.

Mala reported that Arizona has enrolled 92,743 households in the FCC Emergency Broadband Benefit (EBB) program (discussed at previous task force meetings). Cindy Hogan commented that she posted the EBB tracker in the Appendix 2 Chat, and Arizona ranks #14 in the country in number of EBB enrollments. Cindy added that Pima County has signed up about 21,000 households. Cindy stated there is still about $2.9 billion remaining of the $3.2 billion allocated to the EBB program. Cindy has been working on signing up households with the City of Tucson Housing & Community Development. Cindy added that the National Digital Inclusion Alliance is holding its annual digital inclusion week from Oct. 4 – 8th (see Cindy's link in the Appendix 2 Chat).

Mala noted the FCC Emergency Connectivity Fund (ECF) program (discussed at previous task force meetings) provides $7.17 billion in support to schools and libraries for off-campus primarily home connectivity for students, school staff, and library patrons by covering purchases of broadband connectivity and laptops/tablets, Wi-Fi hotspots, modems, and routers. As discussed at the last task force meeting, libraries have mostly not been applying to the ECF program because of the requirements of the program.

Mala also reported that the FCC has released a preliminary mobile broadband map based on 4G LTE data provided by the nation's four largest mobile carriers.

See Appendix 1 for Mala's written report providing more details on the federal infrastructure bill and the other activities discussed above.

ADE Update

Sophia Mayberry, Project Manager and Technology Policy Coordinator in the Office of the Superintendent of Public Instruction at the Arizona Dept. of Education (ADE), reported on recent ADE activities.

ADE has purchased "Discovery Education" subscriptions for every student and teacher in Arizona, which provides them with access to high-quality digital content, digital lessons, and professional learning resources. See Sophia's link in the Appendix 2 Chat for more information on this.

Sophia reported that Milan Eaton sent her an update on "The Final Mile Project": the RFP process has been completed, they are reviewing the responses received, and hopefully will be making formal announcements soon. Steve noted that as discussed at previous task force meetings, The Final Mile Project is led by the Arizona Rural Schools Association and ADE has provided $1.5 million for this project.

Arizona Telemedicine Program & Southwest Telehealth Resource Center Presentation

Janet Major, Associate Director for Education & Facilities of the Arizona Telemedicine Program & Southwest Telehealth Resource Center, delivered a presentation on the Arizona Telemedicine Program (ATP) telehealth activities. Following is a summary of some key points from the presentation, and the full presentation along with the meeting recording will be posted on the task force website.

The ATP was founded 25 years ago, with Representative Bob Burns being instrumental in obtaining state government funding for the program. Dr. Ronald Weinstein of the University of Arizona was the founder and is the Director of ATP, and Dr. Stephen Klotz is the Medical Director of ATP. The ATP is not a health services organization, but rather works with healthcare providers and organizations throughout Arizona to support telemedicine training for service providers, federally-funded telemedicine/telehealth research; and technical assistance for clinical telemedicine/telehealth providers. ATP has received many national and international awards as a top telemedicine program.

Telehealth is important for the state because it uses the state's resources efficiently to provide health services to Arizona citizens by eliminating unnecessary travel to medical offices (saving energy and time) and providing access to expert medical providers that are not available in rural communities. Broadband Internet Access (Bandwidth) and Telemedicine Technologies are required to implement telehealth. The ATP operates the Arizona Telemedicine Network which was implemented beginning in 2001 based on a T1 backbone network for various sites around the state, and this has evolved over time to a number of higher-speed telehealth networks. Telehealth sites require the use of various technological devices such as videoconferencing systems, multi-purpose cameras, and electronic stethoscopes. Sites must have telemedicine coordinators with the expertise necessary to use the technologies, build the "small TV-like

studios" to conduct telemedicine, and design effective communications techniques between patients and medical providers.

Much of the state's telehealth activities have been enabled through grant funding, and the ATP has helped drive many such grant applications. The ATP has worked substantially with Native American tribes, and it took them 10 years to arrange contracts with Indian Health Services. There is a Native American cardiology program for patients in Tuba City and Flagstaff. ATP provides telemedicine services from Navajo Nation Chapter Houses in Tuba City, because residents go to the Chapter Houses and often do not have Internet access at home. ATP is working on providing kiosks in the Chapter Houses for patients to conduct telehealth sessions.

Some other telehealth programs in the state are run by the Flagstaff Medical Center, North Country Healthcare (uses satellite services for primary care), the Northern Arizona Behavioral Health Network, and the Mayo Clinic stroke program. The ATP runs an Arizona Diabetes Virtual Center of Excellence, which included an Amado Wi-Fi Project that provided secure Wi-Fi access for first responders to connect to the Tucson Medical Center (ATIC led this implementation), and has evolved to provide Wi-Fi connectivity for schools and food banks.

There are various new trends in telehealth: robots for education (GlobalMed in Scottsdale provides robots for teledentistry); cheaper technologies (eg ENT scopes for $350) due to digital improvements; telehealth using tablets; backpack-to-go (e.g. including laptop, hotspot, stethoscope) programs; integrating videoconferencing with access to telehealth records; collaboration of community providers with specialists at centers of excellence (e.g. Project ECHO at University of New Mexico); and virtual hospitals. Telehealth offered from libraries is becoming an important new trend where kiosks there provide publicly-accessible places where patients can privately discuss their health -- there will be two webinars next week on this topic from Delaware and Indiana.

The ATP website provides a variety of information on Arizona telemedicine resources, Arizona Area Health Education Centers, a telehealth service providers directory, and various training programs and events.

Steve Peters noted that Janet Major leads the state Telehealth Broadband Action Team (BAT). Janet commented that Jeff Sobotka is also closely involved with this BAT.

Paul Ross and Ilana Lowery suggested in the Appendix 2 Chat that telehealth services should be available at schools/school districts. Janet responded that she would like to follow up on that idea.

Next Steps

The next AZBSN COVID-19 Digital Access Task Force overall meeting will be held on Monday, August 16th at 7:30 am.

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

Appendix 1: Mala Muralidharan Report on: Federal Infrastructure Bill Including Broadband Funding and USF Review, FCC Emergency Broadband Benefit (EBB Program), FCC Mobile Broadband Map, FCC Emergency Connectivity Fund (ECF)

Infrastructure Bill and Anchor Institution Broadband

Earlier this week, the Senate started to debate the [Infrastructure Investment and Jobs Act](), a $1 trillion package that includes $65 billion for broadband. The bill recognizes that anchors need gigabit connectivity, and funding for middle mile networks and the Digital Equity Act.

The bill has $42.45 billion Broadband Equity, Access, and Deployment (BEAD) program, which the National Telecommunications and Information Administration (NTIA) will dispense to the states as block grants for competitively awarded subgrants. The bill adopts a broad definition of "**community anchor institution" that includes public housing authorities, healthcare providers, and other community support organizations** – anchors that vulnerable populations depend upon the most.

However the program relegates anchors to third priority, funds will first be awarded to connect unserved and underserved households before any funding goes to anchor institution connectivity, and in this case it might get anchors nothing at all. The language suggests that awardees *cannot* connect anchors until after all the homes are served, which could be never. This siloed approach to funding ignores the network economics: Placing anchors and households on the same shared network helps to lower the costs for everyone.

Another problem area is the BEAD program's exclusive reliance on the new Federal Communications Commission (FCC) maps to determine where broadband is missing. The **Broadband Deployment Accuracy and Technological Availability** (DATA) Act maps have not yet been issued and may be a year away. Further, they may **not be the best source of information**, as they **rely too heavily on the industry-provided data that's notorious for overstating coverage.** And of course, there's the fact that **these maps don't include information about anchor institution connectivity**. The simple solution to this problem would be for the BEAD program to supplement the FCC maps with additional sources, like the NTIA's broadband access map and state maps. The infrastructure bill takes this approach to the middle mile program, and we encourage Congress to allow the BEAD program administrators to use the same variety of yardsticks.

On the positive side, the infrastructure bill appropriates $2.75 billion over five years for the Digital Equity Act to ensure every person can participate in society. Anchor institutions are eligible to receive this funding because of the fabulous work they do to provide digital literacy training and set up wireless community networks. To apply for funding, a state must describe how it will collaborate with key stakeholders to adopt its digital equity plan. Here, the legislation specifically recognizes anchor institutions as invaluable partners for digital inclusion.

Another noteworthy component of **the infrastructure bill is the $1 billion pot of money for middle mile projects** that are open to interconnection. These middle mile networks must be capable of providing gigabit level service to anchors, but the program does not allow awardees to connect community anchor institutions directly. So while it's great that the bill acknowledges anchors, excluding direct connections to them will reduce the cost efficiency of these middle mile networks. Furthermore, the $1 billion appropriation won't be enough to ensure that all communities have sufficient back-haul capacity to connect to the internet. New research from CENIC, Internet2, the Quilt, and the research and education network community finds that the U.S. must invest at least $5 billion in middle mile infrastructure. Details at https://www.beyondtelecomlawblog.com/an-overview-of-broadband-provisions-in-the-infrastructure-bill-as-of-july-30-2021/

Also worthy of scrutiny is the **Universal Service Fund (USF)** provision, which would direct the FCC to produce a report on the future of the USF within a number of days. The USF funding mechanism has been desperately in need of a facelift for years now, and with the contribution factor at around 30 percent, reform has never been more urgent. SHLB has been working with INCOMPAS, NTCA–The Rural Broadband Association, and others to suggest a reform proposal that would ensure sustainability for the USF programs on which anchor institutions depend. Let's hope that the infrastructure bill USF report does not delay FCC action to protect the USF, as we're eager to stabilize the funding mechanism.

On the whole, SHLB is pleased that this broadband infrastructure legislation is moving forward, but we do worry that this bill may not get anchors up to the gigabit speeds called for in the National Broadband Plan. Recognizing that CAIs require gigabit capacity is good to have in statutory language, but putting anchors last on the totem pole means that Congress has more work to do to deliver on the anchor institution gigabit promise.

EBB: The Broadband Benefit program has enrolled over 4M 4,175households! AZ - 92,743 households have signed up. CA, FL, IL, IN, KY, LO, MI, NY, NC, OH, PN,TX. Cindy pointed out that Pima County has signed by 200,000 plus for EBB.
Digital Inclusion Week: Oct 4-8 https://www.digitalinclusion.org/diw21/
Broadband Map: The FCC has released a preliminary interactive mobile broadband map based on 4G LTE data and voice mobile coverage provided by the nation's four largest mobile carriers as a public test of the newly standardized criteria developed to facilitate improved mapping. Mobile wireless coverage mapping has been largely unavailable in a usable way previously, so check it out at https://fcc.maps.arcgis.com/apps/webappviewer/index.html?id=6c1b2e73d9d749cdb7bc88a0d1bdd25b FYI.
ECF: The FCC's Emergency Connectivity Fund (ECF) is a $7.17 billion program that will help schools and libraries provide the tools and services their communities need for remote learning during the COVID-19 emergency period. ECF will help provide relief to millions of students, school staff, and library patrons and will help close the Homework Gap for students who currently lack necessary Internet access or the devices they need to connect to classrooms.For eligible schools and libraries, the ECF Program will cover reasonable costs of laptop and tablet computers; Wi-Fi hotspots; modems; routers; and

broadband connectivity purchases for off-campus use by students, school staff, and library patrons.Congress authorized the Emergency Connectivity Fund as part of the American Rescue Plan Act of 2021.
Application deadline Aug 13th, 2021.

Appendix 2: Chat from Zoom

Lindsay Dietz to Everyone (7:37 AM)
Good morning, Lindsay Dietz Director of Programs from Collaborative Ventures Network. Where can I find the Google form link?

Janet Major to Everyone (7:37 AM)
You need to meet Mauricio - maybe he will join later
YES
Steve can you please enter his contact info into chat?

Debbie Kovesdy to Everyone (7:39 AM)
Here's the google form link:
https://docs.google.com/forms/d/e/1FAIpQLSeOJw4XUaQd13x-LwJPEBkfpEzX7fafhGz9I_iynj6HCBQZAw/viewform

Lindsay Dietz to Everyone (7:40 AM)
Thanks

Ilana Lowery to Everyone (7:40 AM)
Happy birthday Jeff!

Debbie Kovesdy to Everyone (7:41 AM)
Happy Birthday Jeff. YesGenTech would love to be involved for Tech Support

Tracey Beal to Everyone (7:41 AM)
Happy Birthday, Jeff!

Mark Goldstein to Everyone (7:43 AM)
Details of the Broadband Equity, Access and Deployment (BEAD) Program in the current infrastructure bill are beginning to emerge. Keller & Heckman's Beyond Telecom Law Blog (https://www.beyondtelecomlawblog.com/) has a great post with a detailed overview of the Broadband Provisions in the pending bipartisan $1.2T "Infrastructure Investment and Jobs Act" that includes $65 billion to support broadband deployment and adoption. The biggest component, the Broadband Equity, Access and Deployment (BEAD) program allocates some $42.5B to State block grants for competitively awarded subgrants. $100M to each State and territory plus a share of the balance based on defined need. See emerging details at https://www.beyondtelecomlawblog.com/an-overview-of-broadband-provisions-in-the-infrastructure-bill-as-of-july-30-2021/ FYI.

Mark Goldstein to Everyone (7:43 AM)

SHLB Coalition further analyzes what BEAD means for CAI broadband, offering pointed critique on its overly broad definition of CAIs and relegating anchors to a third priority group meaning monies may not flow to many worthy anchor institution projects. See more at https://www.shlb.org/blog/2021/08/What-Does-the-Infrastructure-Bill-Mean-for-Anchor-Institution-Broadband/ FYI.

Debbie Kovesdy to Everyone (7:44 AM)
Mike we really need to connect! GenTech!

Joy Whiting to Everyone (7:45 AM)
A very Happy Birthday Jeff!!

Sophia Mayberry to Everyone (7:47 AM)
Local First Rocks! Incredible leaders over there!

Paul Ross to Everyone (7:48 AM)
There is research available that identifies the impact of internet access for older adults. Ask your local librarian for the best way to access the document. Choudrie, J., Pheeraphuttranghkoon, S., &Davari, S. (2020). The Digital Divide and Older Adult Population Adoption, Use and Diffusion of Mobile Phones: a Quantitative Study. Information Systems Frontiers, 22(3), 673–695. https://doi.org/10.1007/s10796-018-9875-2

Lawrie Prickett to Everyone (7:48 AM)
Here is the link to the form. https://www.arizonatele.org/covid-contacts.html

Tracey Beal to Everyone (7:48 AM)
Local First is GREAT!

Mala Muralidharan to Everyone (7:49 AM)
I will speak about it

Sophia Mayberry to Everyone (7:49 AM)
All signs point to slow on that one....

Janet Major to Everyone (7:49 AM)
Kimber Lanning spoke to this group and their groups grant updates are great

Fernando Roman to Everyone (7:53 AM)
42.45 billion-grants to states, 2 billion-rural areas through Dept of Ag.- 1 billion-Middle Mile- 2 billion Tribal Grants- 2.75 billion Digital equity equity act- 14.2 billion Affordability, 600 Million private Activity bonds

Mark Goldstein to Everyone (7:54 AM)
Local First Arizona Foundation launched their Arizona Economic Recovery Center (https://localfirstaz.com/economic-recovery-center) earlier this year providing grant identification and assistance as well as project management for rural communities and non-profits.

Cindy Hogan to Everyone (7:58 AM)
[file: EBB Tracker 8-2-2021.pdf]

Mala Muralidharan to Everyone (7:59 AM)
yeah!!!! Go Pima County!

Tracey Beal to Everyone (7:59 AM)
Well done Pima County!

Janet Major to Everyone (8:00 AM)
Congratulations!

Tracey Beal to Everyone (8:01 AM)
Well done, Cindy!

Mauricio Orozco to Everyone (8:01 AM)
Congratulations Cindy!

Cindy Hogan to Everyone (8:01 AM)
Digital Inclusion Week Oct 4-8

Cindy Hogan to Everyone (8:02 AM)
https://www.digitalinclusion.org/diw21/

Mala Muralidharan to Everyone (8:02 AM)
thanks for all your hardwork
Cindy

Sophia Mayberry to Everyone (8:04 AM)
Here is the discovery info: https://www.discoveryeducation.com/learn/arizona-district-communication-kit/

Lindsay Dietz to Everyone (8:04 AM)
HCCN is hosting an HIT Symposium on September 23, and we are planning to have a Telehealth portion https://www.aachc.org/events-training/calendar-of-events/events/2021-hit-symposium/

Sophia Mayberry to Everyone (8:04 AM)
Please encourage schools to sign up!

Mark Goldstein to Everyone (8:05 AM)
The FCC has released a preliminary interactive mobile broadband map based on 4G LTE data and voice mobile coverage provided by the nation's four largest mobile carriers as a public test of the newly standardized criteria developed to facilitate improved mapping. Mobile wireless coverage mapping has been largely unavailable in a usuable way previously, so check it out at https://fcc.maps.arcgis.com/apps/webappviewer/index.html?id=6c1b2e73d9d749cdb7bc88a0d1bdd25b FYI.

Lindsay Dietz to Everyone (8:07 AM)

ihave to join another call. i look forward to learning and sharing more about the group.

Paul Ross to Everyone (8:39 AM)
Janet, an amazing amount of information, thank you for sharing your passion and highlighting a connected need that can impact every community.

Mala Muralidharan to Everyone (8:39 AM)
Incredible presentation!

Paul Ross to Everyone (8:40 AM)
I suggest we need to provide health services at all school district (at least one accessible location) using local medical partnerships. The district I last worked at in Washington just realized their vision after 4 years of discussions. https://www.fwps.org/Page/8006

Tracey Beal to Everyone (8:42 AM)
Thank you so much, Janet! Simply amazing!

Debbie Kovesdy to Everyone (8:43 AM)
This is 100x more than I ever realized for telemedicine!

Ilana Lowery to Everyone (8:43 AM)
Janet, this is amazing!

kirk busch to Everyone (8:43 AM)
AMAZING work for sure!

Ilana Lowery to Everyone (8:44 AM)
I agree with Paul, schools should have access.

Debbie Kovesdy to Everyone (8:44 AM)
Every nurses office should have collaborative resources to connect

Mark Goldstein to Everyone (8:46 AM)
See Arizona Capitol Times editorial "We've waited long enough for rural broadband" at https://azcapitoltimes.com/news/2021/08/06/weve-waited-long-enough-for-rural-broadband/

Jeff Sobotka to Everyone (8:47 AM)
Great job Janet! I have to drop. Have a great week everyone!

Paul Ross to Everyone (8:47 AM)
The school example I shared, was a district initiative who provided space and then worked to make the vision come into reality for a minority majority community.

Tracey Beal to Everyone (8:47 AM)
Thank you everyone!

Shereka Jackson to Everyone (8:48 AM)
Love the information

Joy Whiting to Everyone (8:49 AM)
Thanks Janet. Great information! I have a call before my next meeting.

Appendix 3: Registration Information for Attendees at Today's Task Force Meeting

First Name	Last Name	Organization	Job Title	Email	Phone	Mobile
Tracey	Beal	School Connect	CEO	tracey@schoolconnectaz.org		
Karen	Beshak	Kajeet Inc.	BDE	kbeshak@kajeet.com		
Andrew	Bevington	PCSO	Director Business & Education Partnerships	andrew.bevington@pima.gov	15207248213	15205999987
Kate	Boettcher	Rural Arizona Action	Research Assistant	kate@ruralazaction.org		
kirk	busch	BigData Southwest, Inc.	ceo	kirk.busch@bigdatasw.org	4803344997	
Eugene	carl	Cox Business	Sales Manager Public Sector	gene.carl@cox.com	16026904175	
Erin	Carr-Jordan	ASU	Head of Social Impact	erobins@asu.edu		
Oliver	Carter	GenTech	CIO	oliver@gentechsupport.com		
Jerry	Crow	Digital Forensics and Cloud Security	Cybersecurity Professional	jerry.crow@computer.org	4804515954	
Brian	Daly	AT&T	AVP	brian.k.daly@att.com	4252417544	4252417544
Lindsay	Dietz	Collaborative Ventures Network	Director of Programs	LindsayD@healthyarizona.org	6027544921	
Michael	Edmonds	Tucson House ; Thrive in the 05	Resident Council ; Steering Committee	mikemedmonds1@gmail.com	929-244-9477	929-244-9477
Heather	Floyd	Valley TeleCom Group	Public Relations Specialist	heather.floyd@teamvtg.net	5203848912	520-349-6658
Oris	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, Archives and Public Records	State Librarian & Director	holly.henley@cox.net		
Karen	Hewitt	VectorUSA	AE	kahewitt@vectorusa.com	6022837446	
Cindy	Hogan	none	Digital Equity Enthusiast	cindyhogan333@gmail.com		520-891-1285
Shereka	Jackson	Future Stars	CEO	futurestarsaz@hotmail.com	6232210902	
John	Kelly	Triadvocates	Principal	John@triadvocates.com		
Debbie	Kovesdy	GenTech	ceo	debbie@gentechsupport.com	6025711014	
debra	kurtz	arizona state university	aul technology services	dhankenk@asu.edu	9196042100	
Tarma	Liranzo	Engineered Tower Solutionsa	Program Manager	tarma.liranzo@ets-pllc.com		
Jim	Logan	Simply Bits	Dir Sales	Jiml@simplybits.com		
Ilana	Lowery	Common Sense Media	Arizona Director	ilowery@commonsense.org	6233410177	
Janet	Major	ATP/SWTRC	Assoc Director Outreach, Education & Facilities	jmajor@telemedicine.arizona.edu	15204030736	
Sophia	Mayberry	dnfkjdsf	skdjfks	Sophia.mayberry@azed.gov		
Will	McCullen	Pima Community College	Program Manager	jwmccullen@pima.edu		
Paul	Melcher	Town of Oro Valley	CED Director	pmelcher@orovalleyaz.gov	5207800219	
Mala	Muralidharan	Arizona State Library	e-rate Administrator	Mala@azlibrary.gov	14802215120	
Mauricio	Orozco	Care1st Health Plan Arizona	Community Engagement Specialist	morozco@care1staz.com	14802823631	
Lawrie	Prickett	Smith Bagley Inc dba Cellular One of North East Arizona	SFPF	lprickett@cellularoneaz.com	9285370375x2413	9282051604
Jenny	Rickel	Native Network Inc	COO	jrickel@nativenetwork.com	5093000102	5096615100
Mike	Rohrbach	cclac Inc	ceo	mike.rohrbach@cclac.net	5204401130	5204401130
Fernando	Roman	Communications Workers of America	Executive Vice President	froman@cwa7026.com	5207097199	
Paul	Ross	Phoenix College	AVP CIO	paul.ross@phoenixcollege.edu		
Michelle	Simon	PCPL	Deputy Director	michelle.simon@pima.gov	520594-5654	520-833-3641
Andy	Sinclair	Arizona Department of Economic Security Division of Aging and Adult Services	CAPS Capacity Development Coordinator	asinclair@azdes.gov	4802632271	4802632271
Jeff	Sobotka	ACA	State Broadband Director	JeffS@AZCommerce.com		
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