C. PROJECT NARRATIVE

1. *Project Description and Timeline*
   Project Narratives must include a "Project Description and Timeline" for both ABDG-Rural and ABDG-Urban applications. Provide a detailed description of the infrastructure improvements for which funding is required, including:

- The nature of the improvements: **Cox Response:** The project is a full fiber PON network upgrade within Douglas. This includes fiber drops to the premises. Additionally, the project provides for an 8.4 mile fiber build to the Douglas campus of the Cochise Community College system, providing the College with greater reliability and bandwidth.

- How the proposed project addresses the broadband needs of the area(s) that it serves:

Cox Response: There is solid evidence in the United States and abroad of the positive economic impact high-speed broadband can have on a community. ***Arizona's Governor Doug Ducey clearly recognizes this reality. The Governor's 2018 Broadband Strategic Plan calls broadband "integral to educationand job readiness, commerce, public safety, healthcare, infrastructure, research, government and just about every other factor of today's life."*** Robust broadband access for all Arizonans is essential to reaching the governor's top five priorities: educational excellence, 21st Century economy, protecting our communities, fiscal responsibility, and happy and health citizens.

With Douglas' location on the US-Mexico border, large maquiladoras in close proximity, and current plans to double the size of its port of entry -- already the state's second largest -- the City should be poised for new and emerging opportunities for economic growth and increasedprosperity for its residents. A robust broadband network will be critical to Douglas' ability to attract, expand and retain commercial and industrial businesses; capture additional investment;and attract and retain a talent pool key to that growth.

Douglas sits in the far southeast corner of Cochise County. ***The County's #1 economic development priority is technology infrastructure.*** An Area Sector Analysis Process (ASAP)report by the University of Arizona, University of Nevada and Western Rural Development Center released in April 2019 was used to determine community goals. That study includedsurveys of 193 Douglas residents. At the top of the community development goals was economic quality at 56.2%, environmental quality at 25.3%, and social quality at 18.5%.

Southeastern Arizona Governments Organization (SEAGO), one of six planning regions in Arizona, and includes governmental entities with Cochise, Graham, Greenlee and Santa Cruz Counties. SEAGO's Comprehensive Economic Development Strategy, 2016-2020, included a SWOT (strengths, weaknesses, opportunities and threats) analysis with input from elected officials from its member jurisdictions, private representatives and appointed managers of the respective member jurisdictions. ***Among the opportunities were growing and attracting cyber security business, University of Arizona South business attractions, supply trade between Mexico and the US, agricultural technology and workforce development and customization tomeet the needs of existing and new business. All requiring state-of-the art broadband in order for the City to be truly competitive and prosper.***

Douglas' ability to compete successfully hinges on having an upgraded, robust and future-focused broadband network. ***With this much needed upgrade:***

- Economic development will no longer be restrained. Advanced manufacturing and other coveted businesses require broadband and the upgrade would make Douglas competitive.
- Local schools, the community college and the University of Arizona will be better positioned to leverage educational opportunities that require high speed, broadband connectivity.
- Telemedicine will become a reality. This will open up alternative health care options for rural Arizonans, and reduce long trips to see doctors.
- Law enforcement and Home-Land Security, Firefighting and ICE operations will have better resources. Body cameras, border control, fire management, critical law enforcement data collection, gunshot monitoring license plate readers and other keytechnologies depend on reliable

broadband.

- Work-from-home capability and virtual job opportunities will be expanded.
- On-line schooling and on-line educational opportunities will be a viable options for families.
- Small businesses will have better access to reach new customers, advertise their goods and services and have an opportunity for e-commerce revenue growth. Better broadband will aid small business expansion and job growth.

- Number of community anchor institutions served: **Cox Response:** Cox will be able to serve anchor institutions located within the City of Douglas. Anchor institutions that would directly benefit from the Cox upgrade and plant expansion, include:

  - **Arizona State Highway Office**
  - **The City of Douglas' facilities/buildings**
  - **Douglas Unified School District #27**, which employs 492, serves nearly 3,800 students, and is one of the larger school districts in Southern Arizona. The district is comprised of five elementary, one pre-kindergarten, two middle and one high school.
  - **Cochise Community College** is a two-year public community college offering more than 90 degrees and certificates, including an honors curriculum. Today, the college cost is 77% less than the average Arizona university. More than $350,000 in scholarships are awarded annually. In 2018, there were 10,800 students enrolled. The Douglas Campus, a 540-acre facility that serves approximately 1,000 students each semester with a diverse curriculum of general education, liberal arts, transfer and direct employment, and adult education programs in GED preparation and English Language Acquisition for adults. The campus includes residence halls for men and women, an on-campus airport and athletic facilities. Under a recent law change, it is expected that the College will offer select four-year degrees to students.
  - **The University of Arizona South Douglas** is a regional campus of the UA, serving Douglas and the surrounding area. UA South offers upper- division, bachelor-degree coursework for completion of 18 undergraduate degrees to students who have already completed approximately 60 units at a community college or other institution. UA South also offers two graduate programs fully online: M.S. in Educational Technology and M.Ed. in Secondary Education. The Douglas campus offers undergraduate transfer pathways, allowing students to complete the first two years of their bachelor's degree at Cochise College, then transfer to the University of Arizona Douglas for the second two years, completing an Associates degree along the way.
  - **The Chiricahua Community Health Center** has four locations in Douglas: Pediatric Center of Excellence, Early Childhood Center of Excellence, Ginger Ryan Clinic and Douglas Pharmacy.
  - **Copper Queen Community Hospital** has a Primary Care Clinic in Douglas, including a 24/7 emergency department, and employs 150.

- Number of households served: **Cox Response:** A total of 7,421 households passed, of which 6,550 are single family homes and 871 are multiple dwelling units (MDU)

- Number of businesses served: **Cox Response:** 672

- Total population served: **Cox Response:** A total of 8,095 doors passed

- The anticipated economic development benefit achieved by construction of such improvements: **Cox Response:** In May 2019, the Douglas City Council developed a Strategic Plan identifying the following areas of focus and respective goals and strategies to provide clear direction for Douglas' Community and Economic Vitality. Those five Focus areas are Collaboration, Community Communication, Promoting Douglas, Trade and Commerce, and Infrastructure Development. A key component of the City's blueprint is to secure and expand an upgraded broadband network that fully supports and accelerates the focus areas and strategies for the community's plan. The blueprint identifies expansion and upgraded broadband network as an action that supports the strengthening

of trade and commerce, enhancing collaboration, promoting Douglas, and of course advancing infrastructure development and improvement.

Among the identified actions within the City of Douglas blueprint that benefit from or require an expanded and enhanced broadband network that brings the community into the 21st century:

- **Continue to move forward work on the Douglas Commercial Port of Entry:** Infrastructure is a clearly defined action to support the POE expansion project. A robust and reliable fiber optic PON network is critical to the necessary infrastructure to support the expansion.
- **Business Retention & Expansion:** The City's goal to retain and expand existing businesses requires a 21st century infrastructure and network that has come to be expected by the private sector and necessary for businesses to flourish in this economic climate. Ability to effectively connect and communicate are table stakes for successful business retention and expansion and the City of Douglas must be able to offer a complete and reliable broadband network to compete and thrive.
- **Continue Downtown Revitalization efforts**: The expanded and upgraded PON network will connect Downtown Douglas' retail and business community and provide a solid network backbone that enables revitalization efforts, ability to promote Douglas as a connected community, and modernize the City's access to quality infrastructure that attracts and retainsnew investment and development.
- **Work to attract quality builders and development that will bring a mix of new housing options**: An enhanced and expanded broadband network is a critical factor in new home developments and master planned communities. Developers and builders are looking to communities where they can access infrastructure and developments that support the Smart Home of the future. Homebuyers are also seeking and expecting developments and housing options that deliver and provide access to a robust and reliable broadband connection. Today, the City of Douglas is losing out to surrounding communities that offer such services and amenities and the demographics show that there is a significant portion of employees that work in Douglas but reside outside of the community because of a lack to such amenities and infrastructure.

The City of Douglas is also focused on **increasing access to the necessary retail and quality of life amenities** that can attract new residents.

- **Provide support to Douglas' business community with a specific focus on entrepreneurs**: The City of Douglas blueprint identifies entrepreneurs as a key economic development focus. The City of Douglas also seeks to create a business/entrepreneurial center at the Douglas Library that would require a high speed, state of the art broadband network to be able to connect entrepreneurs, training, and commerce.
- **Increase interest in Douglas' Opportunity Zones to help facilitate locate and development opportunities**: In order to attract and retain manufacturing investment and jobs, as well as other targeted industry and commercial growth, the community requires the ability to promote a state-of-the-art infrastructure that is able to meet the broadband and virtual needs of employers and private industry.
- **Revitalize tourism and marketing**: Promote Douglas as a location to live, work, visit, and do business through a comprehensive marketing campaign that can leverage its border location and ability to be a Smart Community brand for the area.

Private sector businesses are a life-blood of Douglas. More than 80% of businesses in Cochise County are small businesses with fewer than 10 employees. Collectively, these small businesses are major employers in the area, as small businesses are nationwide. In today's virtual business environment, they rely heavily on internet access for not just daily operations, like online banking and customer relationship management and logistics software, but also for advertising and customer base growth outsidethe immediate vicinity. Additionally, as the world adopts more permanent remote work business models, these businesses will become increasingly reliant on widespread at-home internet access in order to continue employing area residents. Larger private sector businesses and employers in Douglas, including retail franchises and food and beverage brands like Walmart and Dairy Queen, have the same broadband needs that their peers in larger metropolitan areas. The Douglas economic blueprint and

strategy provides a clear path for retaining, promoting, and growing small business investment in the market. Broadband is a critical component to enabling this strategy for success.

Quality education is the foundation for economic development. When COVID-19 forced Arizona schools to close in March, an estimated 200,000 to 335,500 students and nearly 5,000 teachers were on the wrong side of the digital divide in the State, shut out because they lacked high-speed internet service in their homes. The State ranks a distant 51st for rural fixed-broadband deployment, according to the Federal Communications Commission. Three-fifths of rural residents have no access to ground-based broadband and what service exists is often unreliable. High-speed internet enhances every level of education from kindergarten through graduate school. The benefits include:

- Interactive, reliable video conferencing between students and teachers.
- Allows students to work in online courses and student study groups.
- Give students in remote locations access to education specialists.
- Access school library resources.
- Ability to effectively school-from-home.

In rural areas such as Douglas, the **health care** arena is critical. Nurses are expected to work in medical, surgical, maternity, emergency and long-term care areas with patients ranging from the newborn to the geriatric. Rural patients are as complex as those in urban settings, but often the volume of critically ill patients is less, so rural nurses may not have the opportunity to hone more advanced skills or practice as frequently. ***Continuing education (CE) for nurses has long been supported as crucialin maintaining skills and competence in practice settings.***

For healthcare professionals in Douglas to advance their expertise and capabilities, on-line education is critical. Electronic education allows rural facilities to provide up-to-date content inan interactive setting and foster one-on-one collaboration and coaching from experienced tele-nurses, allowing immediate learning as well as helping to treat patients immediately with bedside team support. That, in turn, helps improve patient outcomes and makes for a healthiercommunity overall.

Telemedicine has become critical infrastructure for every community. Videoconferencing, specifically focused on primary care, has demonstrated quality as good as in-person care, reduced cost, eliminated socioeconomic disparities in access and indicated high levels of patient satisfaction, according to an article published in Telemedicine and e-Health in November 2019. Telemedicine with video conferencing has been shown to address disparities in access while providing high-quality care that is well accepted by both patients and providers. Real-time video interaction should be the default communication mode as telemedicine is increasingly accepted by patients, clinicians, and provider organizations as a tool to ensure high-quality primary care for all.

Transportation, trade and border security are additional, critical elements for this border community. **There are two transportation and trade "anchors" that will directly benefit from the Cox upgrade and plant expansion:**

- **The Douglas airport** serves a mix of single- and multi-engine piston aircraft, along with turboprop, turbojet, and helicopter aircraft. This fleet mix performs such aeronautical activities as business and recreational transport, emergency medical evacuation (medevac), aerial firefighting, flight training, and some military operations. The airport is a base for the U.S. Forest Service firefighters during wildfire season in Arizona (May through July) and air medevac operationsproviding essential emergency medical transportation using both fixed-wing aircraft and rotorcrafts.

  The airport is located close to the U.S./Mexico border and the Douglas Port of Entry and is located adjacent to Foreign-Trade Zone 139. The close proximity ofthe Airport to FTZ 139 could be advantageous to the County; for example, withthe influx of new businesses and workers to the area, and with the continued influx of Mexican visitors into the County and the establishment of manufacturing plants and warehouses on both sides of the border.

- **New Inland Port in Douglas.** One of the primary long-term economic development opportunities for the SEAGO Region is its location along the U.S. border with Mexico. As international trade flows through

Santa Cruz, Cochise and nearby Santa Cruz County, the SEAGO Region is favorably situated to benefit from one of the nation's Mega-regions, the "Sun Corridor." By 2050 the Sun Corridor is expected to double in size and contain 85 percent of Arizona's population and jobs.

There are already millions of people and billions of dollars in trade crossing through the **Raul H. Castro Port of Entry in Douglas**. In 2018 more than $1.8 billion in commodity flows, as well as 28,000 trucks, 1.7 million cars and nearly 4 million people in north bound traffic, according to data from the US Bureau of Transportation Statistics.

The City of Douglas has partnered with SEAGO to work together to secure infrastructure planning support and funds to enable to the POE expansion proposal. This broadband network expansion compliments and aligns with theidentified infrastructure needs that are required to enable the new POE solution to become a reality.

In 2019 the Douglas City Council and Cochise County Board of Supervisors votedto support a proposed location for ***a new 80 acre commercial port of entry to embrace the principles of the Unified Cargo Processing (UCP) Program*** that willhouse both US and Mexican customs officials in a single facility, the first of its kind on the US-Mexico border. Based on total value of imports and exports, theDouglas Port of Entry is the second largest commercial port in the state, open 24/7. Mexico is Arizona's number one destination for manufacturing exports, according to the University of Arizona Eller College Arizona-Mexico Economic Indicators. In 2018 those exports totaled $7.6 billion. Commodity flow in Douglas' Port of Entry in 2019 totaled nearly 1.9 billion in imports/exports.

Douglas is the home of several critical State and National security assets. The need for advance telecommunication infrastructure, to fight crime, to secure and manage the border and protect the homeland, are needed. The Cox upgrade and plant expansion would directly benefit **the Douglas Station of the US Border Patrol.** It is one of eight stations in the Tucson Sector that ensures the successful implementation of the service's Southwest Border Strategy. The Douglas Station's area of responsibility (AOR) covers 40.5 linear miles of the International Border with Mexico and includes over 1450 square miles of mountainous terrain, with a few small valleys to thenorth of the International Border. Additionally, the **Arizona Army National Guard** 2220th Transportation Company from Tucson has a detachment in Douglas; and the Douglas prison facility within the **Arizona State Prison System** is one of 13 prison facilities operated by the Arizona Department of Corrections. It has an inmate capacity ofmore than 2,000 and is a medium-to-high security prison.

- Total miles of fiber to be installed: **Cox Response:** A total of 76.46 miles of fiber will be installed (68.06 miles in the upgrade, plus 8.4 mile fiber build to the Douglas campus of Cochise Community College system).

- Location of new fiber (aerial, underground or both?): **Cox Response:** The construction to be undertaken will include both aerial and underground fiber installations.

- Stated commitment to operate and maintain the network for a minimum of five (5) years upon completion of the improvements: **Cox Response:** Cox Communications will build and retain ownership of the proposed network upgrade and expansion and will offer for sale to the area its broadband services. Cox's delivery of broadband services to the community is crucial and necessary, as the revenue from the sale of such services is calculated as part of our financial modeling in this grant application.

- The party or parties that will perform the infrastructure construction (if known): **Cox Response:** When building and expanding our network, Cox Communications collaborates with several reputable construction companies in Arizona with whom we have ongoing working relationships. We require our partners to be compliant with local, state and federal laws, and we hold them accountable. All of the

subcontractors retained by Cox are properly licensed (e.g. business licenses, Registrar of Contractors licensing), staffed with qualified personnel, and maintain sufficient insurance coverages. At the time of this grant application submission, Cox has not yet identified the specific subcontractors that Cox will use for this project. Once specific awards are made available under the grant solicitation, and the project is authorized to proceed, Cox will be able to identify the subcontractors for the project and provide the list of the subcontractors to the Arizona Commerce Authority for review.

- The intended uses of the ABDG Rural/Urban funds in respect to the construction or planning:

Cox Response: Cox intends to use grant funding for the eligible costs required to upgrade the Douglas network to 100% fiber to the premises, as well as a direct fiber build to the Douglas campus of Cochise Community College. The costs include construction, materials (e.g. fiber), building a new technical facility to support the Douglas network, and power supplies.

- The specific information required under Section 1.4 (to the extent relevant):

Cox Response: As requested under Section 1.4, Cox states that is has not applied for any other funding for the area and/or project set out in this grant proposal.

Cox is pleased offer a range of speeds that exceed that which is required under the grant program. This range will provide flexibility and permit Cox to fill a wide variety of both commercial and residential needs with an upgraded network that has room for future expansion. The proposed City of Douglas project will be capable of delivering speeds up to 1 Gbps (symmetrical). Cox's commitment is to upgrade the City and build a fiber line to the Douglas campus of Cochise Community College will ensure access to the same speeds, services and offers we currently have available in all of our services areas across Arizona.

For eligible customers, speed internet packages are available at no-cost or at a very low cost. Cox is an eligible FCC provider in the Affordable Connectivity Program. Subject to funding availability, the ACP currently provides a [redacted] **(See "Attachment 2" for a complete list of digital equity assistance programs)**

[redacted]

- A timeline for completion of the infrastructure improvements:

Cox Response: The proposal includes a full fiber upgrade within the City of Douglas, as well as a direct fiber build to the Douglas campus of Cochise Community College. Cox expects to complete the project within 18 to 24 months. The exact start date will be established once specific awards are made and a contract is executed between the parties. Where possible, Cox will work with the City of Douglas and other entities to accelerate the timeline. A project schedule will include the following elements: project walkout, design, permitting, construction, cutovers and splicing, and customer fiber drops to the premises. Timelines may be impacted by situations such as delay in permitting, Blue Stake/811, supply chain issues and other events beyond the reasonable control of Cox.

Cash Match

- The time of such match: **Cox Response:** Cox is making a cash investment of [redacted], which

represents [redacted] of the total eligible project costs for the project. Cox will allocate its cash match over the course of the project with the specifics of that allocation to be agreed upon among the parties involved.

- The intended uses of the match: **Cox Response:** Cox intends to use its cash match for the eligible costs required to upgrade the Douglas network to 100% fiber to the premises, as well as a direct fiber build to the Douglas campus of Cochise Community College. The costs include construction, materials such as fiber, building a new technical facility to support the Douglas network, and power supplies.

- The identify of any sources other than the applicant who are responsible for such match or portions thereof:

Cox Response: Not applicable. Only Cox Communications will provide a cash match for this project.

- The nature of the commitment by the Applicant or other parties to deliver the match including whether such commitment is in writing and binding in all circumstances:

Cox Response: Please review "**Attachment 1**" for attestation with regard to matching funds.

This section must also explain the circumstances as to why, in the absence of the ABDG-Rural/Urban funding, the proposed project would not proceed within the same time frame or would not otherwise be as effective in advancing the objectives of the Program.

Cox Response: Today, Douglas requires broadband service that enables the community to better compete in the digital economy and meet the evolving broadband needs of its residents to start and run a business, work, learn, connect and manage their health. The community's demographics and its topography have made it cost-prohibitive for any broadband provider to fully upgrade and expand both residential and commercial broadband services throughout the community. Cox has the best internet currently available in Douglas and is in the best position to upgrade and expand broadband service in the City. Further, Cox can complete the upgrade sooner and more cost effectively than virtually any other provider, due to the presence of existing network assets and a qualified workforce to complete the upgrade and expansion, and immediately serve customers with Cox's award-winning internet service at 1 gig speeds. Additionally, Cochise Community College campus, which is approximately 8.4 miles from the Douglas network, currently has its signal microwaved into the network. Without a direct 8.4 mile fiber build to the College, the campus will continue to face limitations for speeds and reliability. However, without a partnership and ACA grant funding, Cox cannot make the business case for the capital needed to complete the upgrades.

In summary, the Cox financial modeling for this project only works with the grant support requested. Cox believes this grant proposal helps the State of Arizona achieve its goal to improve broadband services for rural communities with limited broadband access due to their size, location and demographics, and supporting these communities to be best positioned for their economic development needs of the future.

2. *Project Description and Timeline – Development*
   *Project Narratives **must include** a "Project Description and Timeline – Development" section which must include a detailed description of relevant future development that is intended to be benefited by the proposed infrastructure improvements, including, as applicable, a Gantt chart timeline for such development. This section should also identify, to the extent known:*

- *The nature and scope of the project:* **Cox Response:** The project is a full fiber PON network upgrade within Douglas. This includes fiber drops to the premises. Additionally, the project provides for an 8.4 mile fiber build to the Douglas campus of the Cochise Community College system, providing the College with greater reliability and bandwidth.

[redacted]

[redacted]

- *Type of construction to be undertaken (aerial or underground)*

Cox Response: The construction to be undertaken will include both aerial and underground fiber installations.

- *Qualifications of the vendors/contractors:* **Cox Response:** All of the subcontractors retained by Cox are properly licensed (e.g. business licenses, Registrar of Contractors licensing), staffed with qualified personnel, and maintain sufficient insurance coverages.

- *Engineering analysis:* **Cox Response:** If the grant is approved, Cox will provide this information in detail to the Arizona Commerce Authority for review. Please also reference general engineering information set forth in Section 1 above.

- *Project approach:* **Cox Response:** We share ACA's goal of ensuring that residents and business in the City have access to robust broadband networks, whether that is through building new networks to unserved areas or supporting broadband adoption initiatives. Please see Section 1 of Project Narrative above for Cox's big picture approach to this project.

- *Background of the project:* **Cox Response:** The Douglas project is a full fiber PON network upgrade including fiber deployed to the premises. Additionally, the project provides for an 8.4 mile fiber build to the Douglas campus of the Cochise Community College system, providing the College with greater reliability and bandwidth. This project will enable speeds of up to 1 gigabit for residential and even greater speeds for

commercial accounts. This project will pave the way for 10 gigabit residential speeds. Please see Section 1 of Project Narrative for additional details regarding this project.

- Total population served: **Cox Response:** A total of 8,095 doors passed

- Number of households served: **Cox Response:** A total of 7,421 households passed, of which 6,550 are single family homes and 871 are multiple dwelling units (MDU)

- Number of community anchor institutions served: **Cox Response:** Cox will be able to serve anchor institutions located within the City of Douglas. Anchor institutions that would directly benefit from the Cox upgrade and plant expansion, include: Arizona State Highway Office, City of Douglas' facilities/buildings, Douglas Unified School District #27, Cochise Community College, The University of Arizona South Douglas, the Chiricahua Community Health Center, and Copper Queen Community Hospital.

- Number of businesses served: **Cox Response:** 672

- *Ways in which the project will improve redundancy and reliability, if any*

Cox Response: The complete rebuild and expansion of Cox's network in Douglas will consist of a newly designed, engineered and constructed fiber network that will improve both the resiliency of the network and the redundancy of the network within Douglas (**See Project Narrative Section 1** above for additional information about network, broadband speeds and service capabilities.)

3. *Other Project Outcomes (options section)*
   Project Narratives may include an "Other Project Outcomes" section which may include a description of any intended project outcomes not described in other sections. The outcomes should be described in terms of how the project will support or enhance economic development, community resiliency, education and/or health care advancements, and public safety. Additional metrics should be quantified by the improvements by miles of fiber installed, potential businesses served, potential households served, potential anchor institutions served, and total potential population served.

Cox Response: Douglas is positioned on the US / Mexican border adjacent to the Mexican city of Agua Prieta. The City has a population of 16,500 people with a median age of 33. The median household income is $30,986, placing it only slightly above the 2021 federal poverty level of $26,500 for a family of four. The median property value is $88,200 and the homeownership rate is 62%. The people who call Douglas "home" describe themselves as belonging to a variety of racial and ethnic groups. People of Hispanic or Latino origin are the most prevalent, accounting for 75.88% of the City's residents. The most common language spoken in Douglas is Spanish. With regard to education attainment, Douglas has a low overall level of education. Approximately 28.6% are high school graduates, and 9.7% have a bachelor's degree or higher. Often seen as a precursor to later success in school, Douglas' early childhood education enrollment is at 25.5%, lagging behind the state average of 38.2%.

Given the demographic information, we believe a gig-enabled broadband network in Douglas will provide community benefits that will not only enable its residents to have access to education, health care and workforce opportunities, but Cox's legacy of programs and commitments to bridge the digital divide will ensure that all Douglas residents will have the opportunity to participate in the digital economy. (See "**Attachment 2**" for more information regarding Cox's digital equity programs.) Additionally, a gig-enabled network serves as a critical cornerstone for smart, IoT solutions for the City of Douglas to improve the efficiency and cost of providing government services, such as transportation, water delivery and public safety. The private sector will also have unlimited opportunities to find and develop innovative technology solutions for business, education and healthcare.

Should the grant be funded, Cox expects to provide the following additional benefits to support the City of Douglas' blueprint initiative, which includes bridging the digital divide, fostering an entrepreneurial environment, and promoting the City.

- [redacted] **Digital Equity Community Support:** In partnership with the City, Cox will host a computer distribution event to support broadband accessibility in the community and for telework and tele education opportunities. Cox will commit 100 computer devices as part of a "Smart Life" celebration.
- [redacted] **Establishment of Innovation Lab:** Cox will donate the devices and tenant improvements to establish a City of Douglas Innovation Lab for the community. This Lab will not only provide a safe place for K-12 and post-secondary students to do school work, but it will also foster an entrepreneurial environment for small business start-ups. The City of Douglas has committed to identifying and providing the space necessary to stand up the Innovation Lab.
- [redacted] **Advertising campaign to promote the City:** Cox would provide support for the creation of a long-form video for the City. The video would be aired on Cox YurView channel and made available on the Cox Video-On-Demand. The City would have ownership of video and could be repurpose it for the City's needs.

Census Tracks for Douglas

ogc_fid	statefp10	countyfp10	tractce10	Census Tract ID	name10	namelsad10	mtfcc10	funcstat10	aland10	awater10	intptlat10	intptlon10
540	4	3	600	4003000600	6	Census Tract	G5020	S	608291736	179192	31.4446761	-109.4183013
541	4	3	700	4003000700	7	Census Tract	G5020	S	33679630	1206	31.3644348	-109.4911064
542	4	3	800	4003000800	8	Census Tract	G5020	S	19072949	11859	31.380745	-109.5244977

[redacted]