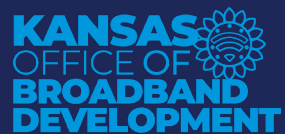




# Capital Projects Fund

Broadband Infrastructure Program



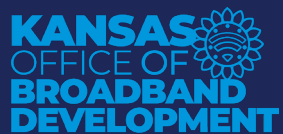
# Welcome

- Program Overview
- Eligibility Criteria and Timeline
- Applicant Match
- Demonstrating Project Need: Broadband Availability Check
- Public Comment
- Application Structure, Priorities, Evaluation and Compliance
- Questions and Answers



# The Capital Projects Fund provides Kansas access to \$143 million

- The Capital Projects Fund aims to:
- Directly support recovery from the COVID-19 public health emergency by strengthening and improving infrastructure
- Enable investments in capital assets designed to address inequities in access to critical services.
- Contribute to our goal to provide every Kansan with high-speed broadband infrastructure

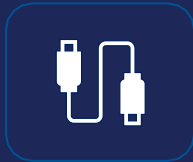


*“By connecting 21,000 more Kansas homes to high-speed internet, we’re continuing to deliver on our bold and ambitious goal to make Kansas a top 10 state for broadband access by 2030” - Governor Laura Kelly*



# Federal Coronavirus Capital Projects Fund

As of 7/25/22



**Kansas Broadband  
Infrastructure Program  
CPF**

**Funding Dispersed: \$83.5M  
Max project size: \$10M**



**Kansas Digital Connectivity  
Technology Projects**

**Pending Funding**



**Kansas Multi-Purpose  
Community Facility Projects**

**Pending Funding**



# Eligibility Criteria and Timeline



**In line with the Capital Projects Guidelines, CPF will fund projects that meet the following criteria:**

**A Capital Project must:**

- Invest in capital assets designed to directly enable work, education, and health monitoring.
- Be designed to address a critical need that resulted from or was made apparent or exacerbated by the COVID-19 public health emergency.
- Be designed to address a critical need of the community to be served by it.

## Eligible Areas

Recipients may use these funds to make critical investments in broadband infrastructure\*

### Unserved

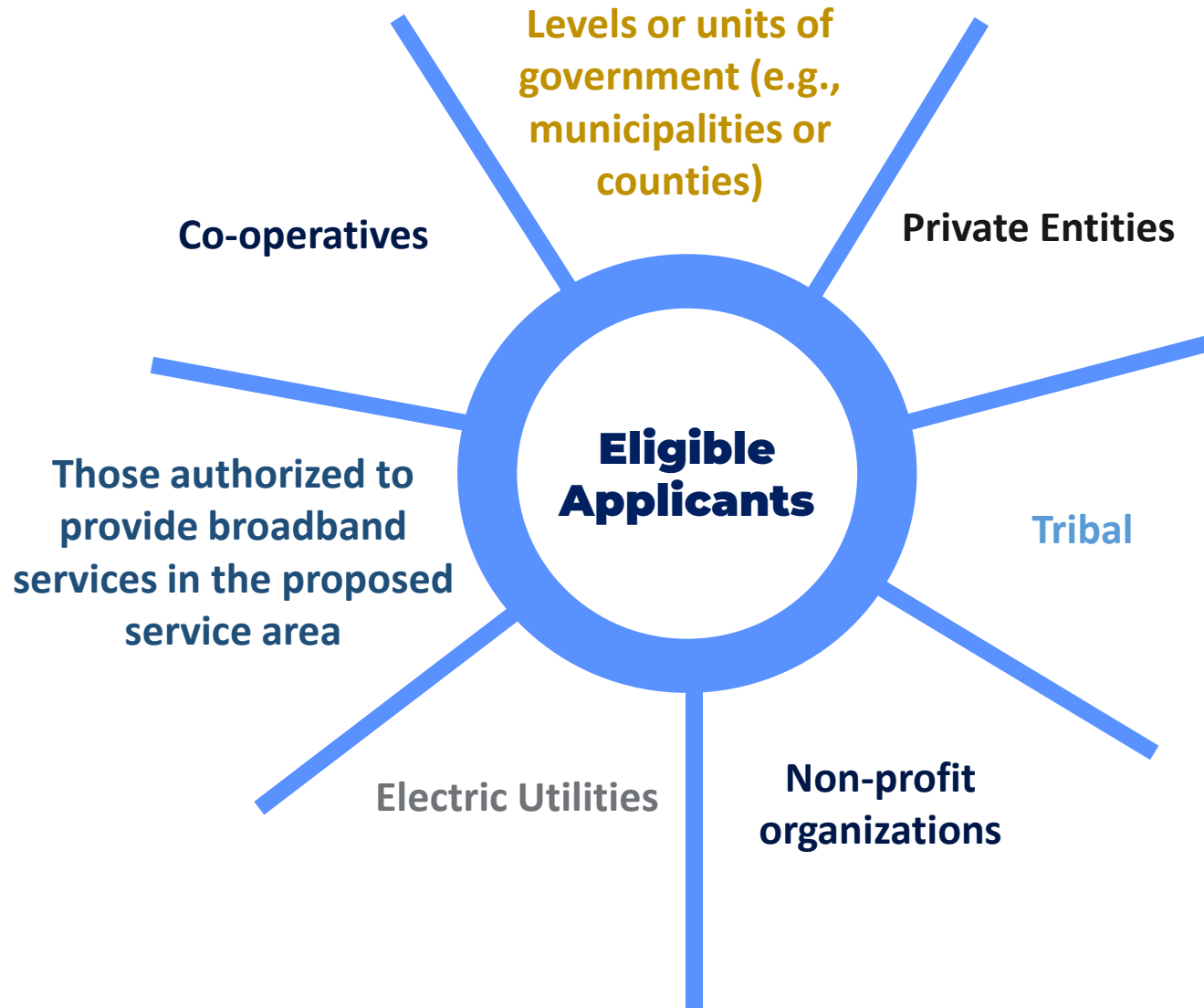
- **Unserved:** areas without access to reliable speeds of 100 Mbps download / 20 Mbps upload

### Underserved

- **Underserved:** areas without connection to reliable speeds of 100 Mbps download and 100Mbps upload speeds

Recipients must invest in broadband infrastructure that addresses a *critical* need for the community

# Eligible Applicants






# Eligible Costs


Capital expenses directly related to the deployment of a qualified broadband project, including:

### Pre-Project Development Costs


limited to 5% cap of grant funds; remaining pre-project development costs are eligible under matching funds




Data gathering




Feasibility studies



Engineering design




Work-related to environmental, historical and cultural review




Permitting


### Equipment



ONT

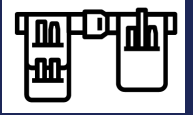



Router

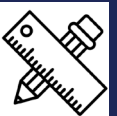



Splitter

### Supplies












### Materials







# Ineligible Costs

## Obligation / Debt Servicing

- Satisfaction of any obligation
- Payment of interest or principal on outstanding debt instruments

## Operational Expenses

- Operating expenses
- Short-term operation leases
- Maintenance expenses related to the project.
- Indirect labor costs (fringe/benefits, travel, meals, lodging, paid time off, etc.)

## Capital Assets / Infrastructure

- Acquisition of spectrum licenses
- Infrastructure not directly connected to service provision for an end-user in the proposed area
- Long-term capital asset purchases/leases, although cost allocation for use during the project period will be considered on a case-by-case basis

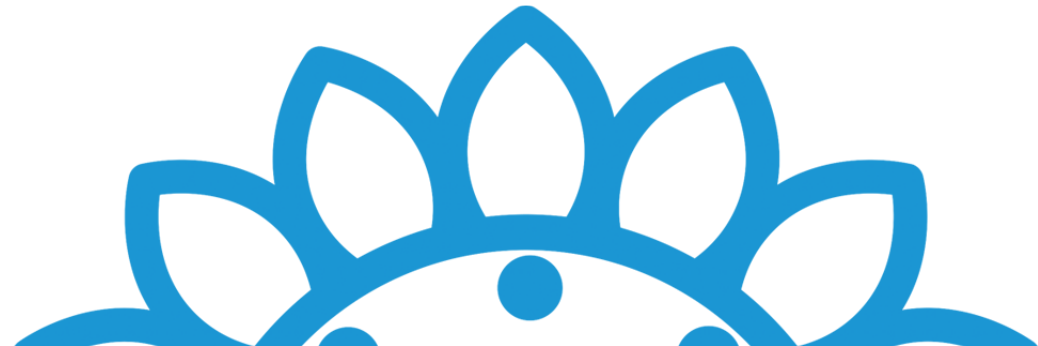


# Grant Timeline

Timeline created to expedite awards to service providers

25-Jul	1-Aug	8-Aug	15-Aug	22-Aug	29-Aug	5-Sep	12-Sep	19-Sep	26-Sep	3-Oct	10-Oct	17-Oct	24-Oct
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Phase 1 Application Window		Phase 1 Public Comment Window & Grant Evaluation		Applicant Response Window to Public Comment		Grant Evaluation Period		Applicant Interviews		Final Deliberations	KDC Leadership		
		Phase 2 Application Window		Phase 2 Public Comment Window & Grant Evaluation		Applicant Response Window to Public Comment		Grant Evaluation Period		Applicant Interviews		Final Deliberations	KDC Leadership

- Accelerated multi-phased timeline
  - Application window reduced to 4 weeks
  - Public Comment and Applicant Response Window condensed to a total of 4 weeks
- Awards will be announced in phases





# Applicant Match

- Updated applicant match solution based on service provider feedback
- New applicant match solution intended to:
  - Encourage service provider investment
  - Foster high adoption rates
  - Enable service providers to reasonably operate for the long term
  - Sensibly optimize Kansas funding for greatest location enablement
  - Encourage broadband investments in high-cost-to-construct rural areas



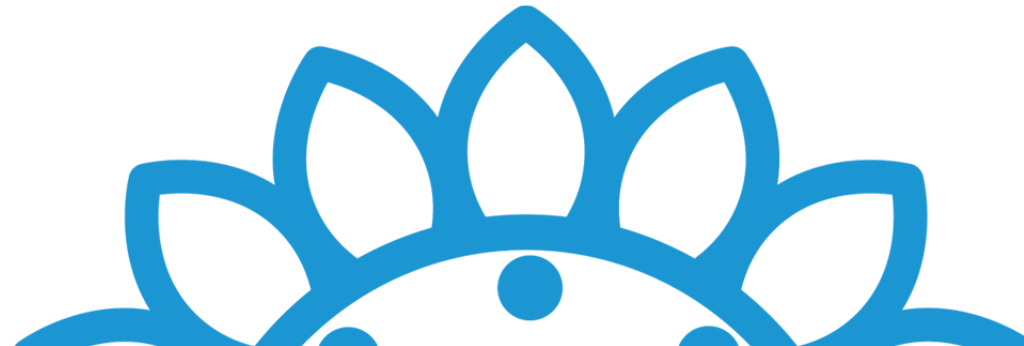
# Applicant Match Details

Sliding Scale Match Table	
Cost Per Location Passed	Applicant Match Percentage
\$ 750	86.7%
\$ 1,000	70.0%
\$ 1,500	50.0%
\$ 2,000	40.0%
\$ 2,500	34.0%
\$ 3,000	30.0%
\$ 3,500	28.6%



\$ 16,000	6.3%
\$ 16,500	6.1%
\$ 17,000	5.9%
\$ 17,500	5.7%
\$ 18,000	5.6%
\$ 18,500	5.4%
\$ 19,000	5.3%
\$ 19,500	5.1%
\$ 20,000	5.0%

- Sliding Scale Match provides greater State match where the most help is needed – higher cost areas
- Minimum applicant match is based on cost per location passed - ranges from ~87% to 5%
- Applicant match calculator provided to determine percentage match, only inputs needed are:
  - Total Project Cost
  - Total Locations Passed
- Full table and match calculator published in Program Guidelines



# Applicant Match Calculator Tool

- Applicant match calculator provided to determine minimum percentage match, only inputs needed are:
  - Total Project Cost
  - Total Locations Passed
- Full table and match calculator published in Program Guidelines



## Calculator Tool Provided in Program Guidelines

Determine Applicant Match Value		
Calculation Steps	Action	Values
Step A	Enter Total Project Cost	\$ 500,000 <<< Applicant input
Step B	Enter number of locations passed	200 <<< Applicant input
	Calculated Project's Cost Per Location Passed Amount	\$ 2,500
Step C	Calculated Applicant Match %	34.00%
	<b>Use this amount as the as the minimum required applicant match.</b>	<b>\$ 170,000 &gt;&gt;&gt; Calculated Applicant match</b>

Input project information here

Calculated applicant match here

**DEVELOPMENT**





# Demonstrating Project Need

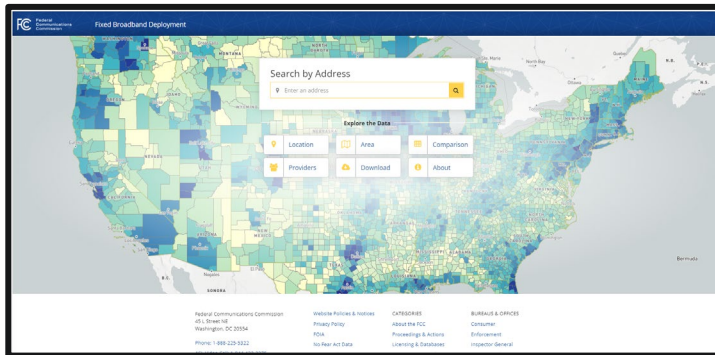
## *Broadband Availability Check*



# Demonstrating Need For The Proposed Project

## Methods for demonstrating project need

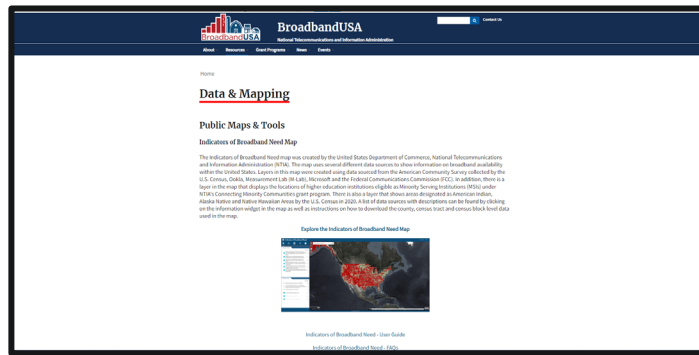
**FCC  
Form 477 Tool  
(Required)**



**DEVELOPMENT**

<https://broadbandmap.fcc.gov/#/>

**NTIA's BroadbandUSA Data and  
Mapping Tool (NBAM)  
(Required)**



<https://broadbandusa.ntia.doc.gov/resources/data-and-mapping>

**Other Acceptable  
Data  
(Supplemental)**

<b>Speed tests</b>	<b>Service availability</b>
<b>Consumer testimonials</b>	<b>Infrastructure data</b>

U.S. GOVERNMENT  
Department of Commerce  
Office of Broadband Development

The screenshot shows the FCC Form 477 Tool interface. On the left is a map with a purple outline of a service area. On the right, a panel titled "All Providers Reporting Service" for census block ID 311090021001047 displays a table of providers. A red box highlights the first three providers: Windstream Holdings, Inc. (Fiber, 1000 Mbps down/up), Allo Communications LLC (Fiber, 1000 Mbps down/up), and Charter Communications (Cable, 940 Mbps down, 35 Mbps up). Other providers listed include Future Technologies, JAB Wireless, Inc., Hughes Network Systems, LLC, Windstream Holdings, Inc. (ADSL), Telephone and Data Systems, Inc., and VSAT Systems, LLC.

# FCC Form 477 Tool and Required Data

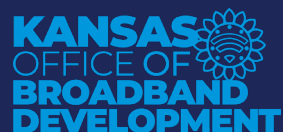
Find existing service providers offering 100M / 20M or above in proposed service area, by census block

Document in spreadsheet, by census block

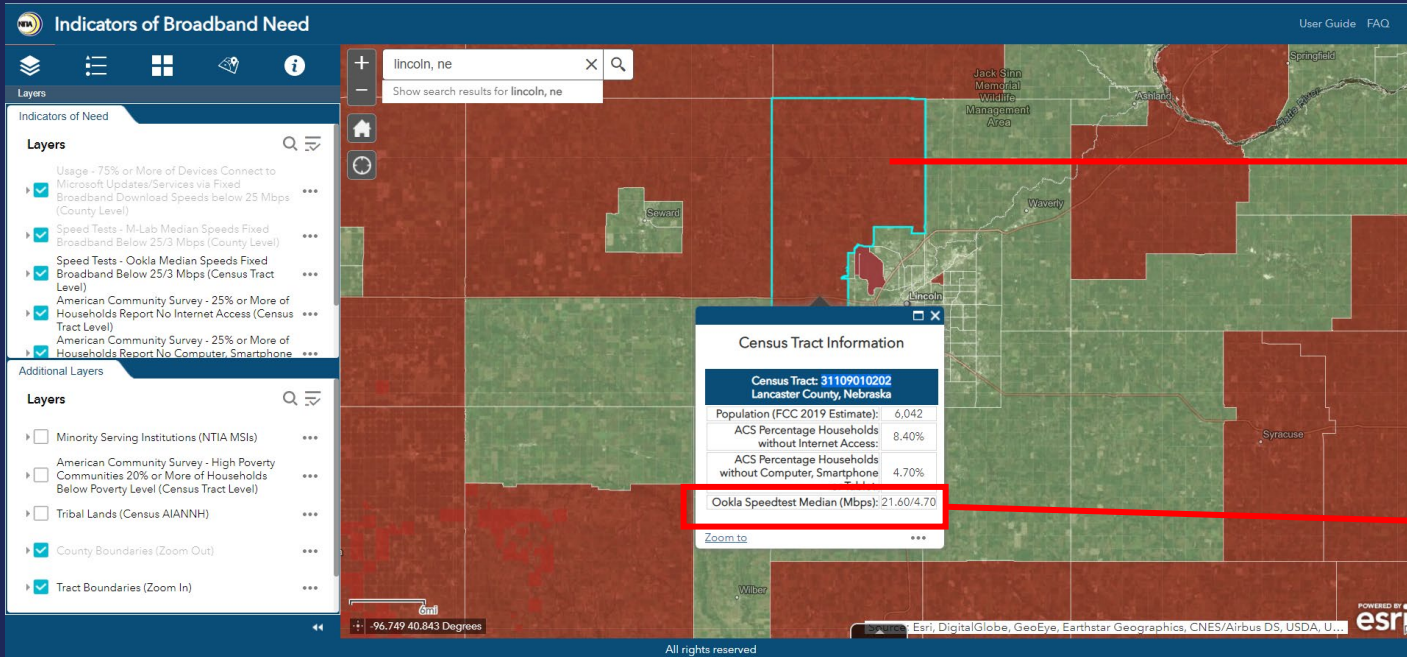


## FCC Form 477 Tool Results Spreadsheet

Proposed Service Area Project Name:		Enter project name here			
Service Provider:		Enter project sponsor here			
FCC Form 477 Results					
Census Block	Service Provider Offering 100 / 20 Mbps or Faster	Service Provider 1, Max Speed	Service Provider 2, Max Speed	Service Provider 3, Max Speed	
Example	311090021001047	x	Windstream Holdings, 1G / 1G	Allo Communications, LLC, 1G / 1G	Charter Communications, 940M / 35M
Example	311090021001068	x	Charter Communications, 940M / 35M	N/A	N/A
Example	311090034022006				
Example	311090103001153	x	Windstream Holdings, 100M / 100M	N/A	N/A



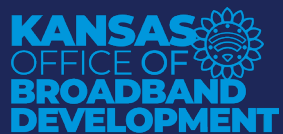
# NBAM Tool and Required Data



Select census tract(s) overlapping proposed project area by clicking on map

Find speed test median results for every census tract within proposed service area

Document speed test median results, by census tract



Proposed Service Area Project Name:		Enter project name here
Service Provider:		Enter project sponsor here
NBAM Results		
	Census Tract	Median Speed Test Equal To or Greater Than 100 / 20 Mbps
Example	31109002400	141.24 / 86.35
Example	31109010300	
Example	31109003718	125.41 / 65.60
Example	31109010202	

# Other Acceptable Data (Supplemental)

FCC Form 477 and the NBAM data can overstate the availability of services in some instances. Acceptable data to demonstrate that the proposed service area is, in fact, unserved are:



## Speed tests



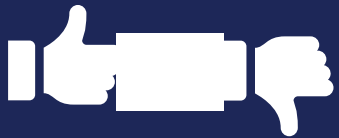
Survey or date and time stamped speed test data for a majority of consumers in the designated area



## Consumer testimonials



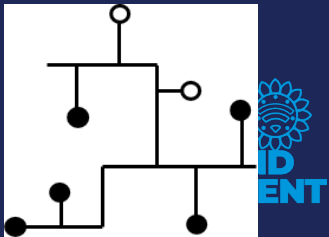
Testimonials collected within three months of the application due date from the majority of consumers (name and address must be included) in the proposed service area



## Service availability



Documentation from the website of reported service provider stating service is unavailable in this area or for a specific address



## Infrastructure data



Documentation of a lack of infrastructure in an area



# Public Comment

# Public Comment Period

The public comment period is intended to:

- ensure transparency and best use of taxpayer funds
- provide an opportunity for providers, elected officials, and constituents to express support or concerns with an application or its proposed service area.

## Public Comment Categories

Service Areas with Projects Underway



Service Areas with Projects Planned But Not Underway



Service Areas Where Broadband Already Exists



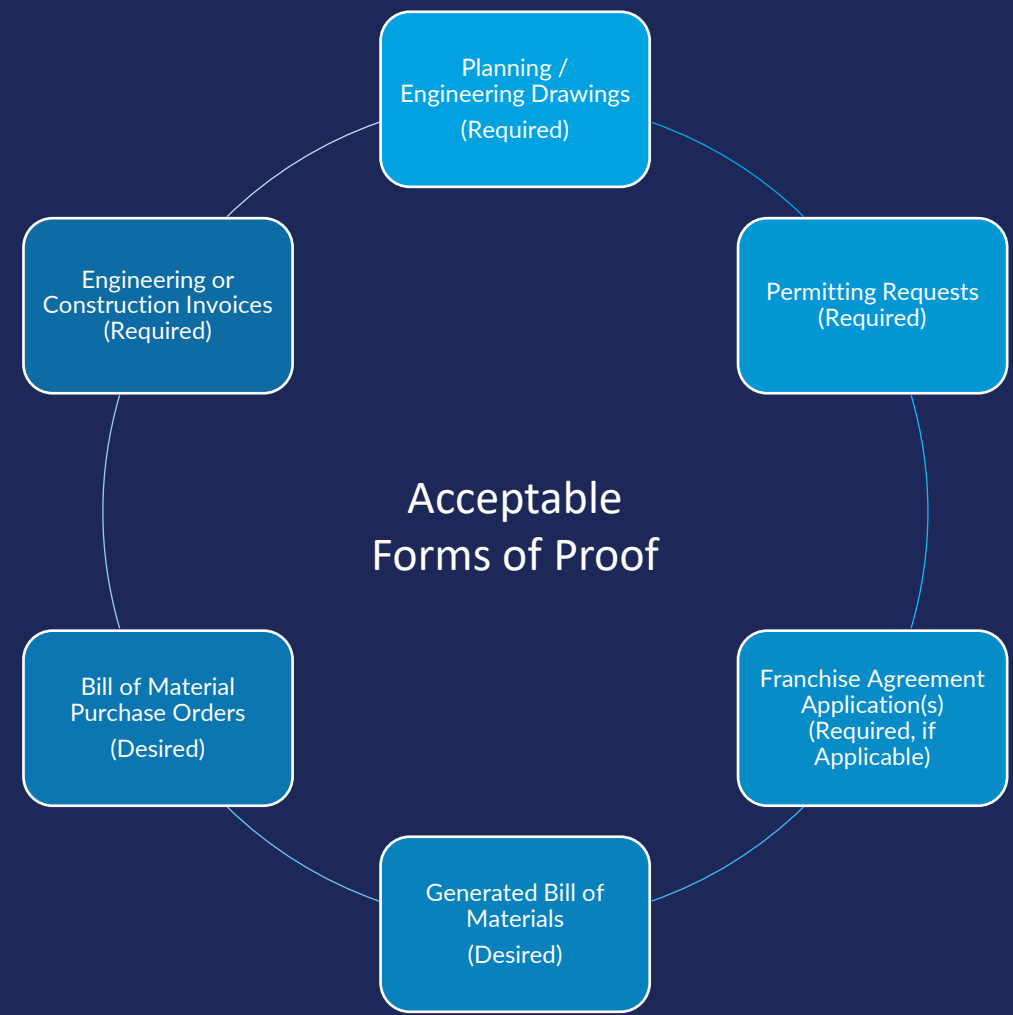
Other





# Service Areas with Projects Underway

- Public comments shall contain information demonstrating that the provider has begun construction activities.
- The project must provide a minimum of 100M / 20M services.
- Challenger must submit proof that work has started on a project to complete broadband infrastructure within applicant's proposed service area.



# Service Areas with Projects Planned But Not Underway

- The public comment shall contain information demonstrating that the service provider has begun the planning phase of the project.
- If these conditions are met, the KOBD will consider denying the applicant’s proposal.
- If challenge is successful, compliance requirements will be applied.

## Challenger Required Data / Commitment

100M / 20M minimum speed	Proposed service area map in .kmz format
Complete 18 months after grant awards date	Protested locations identified
Funded by “challenger” service provider	Heat maps included in .kmz file (if applicable)

If applicant’s proposal denied, challenger subject to compliance

## Compliance Requirements



If not complete within 18 months, KOBD reserves the right to:

- ⊘ Prohibit challenger from submitting challenges on any future KOBD administered grant applications for two years
- ⊘ Prohibit challenger from applying for any grant programs administered by KOBD for the following two fiscal years



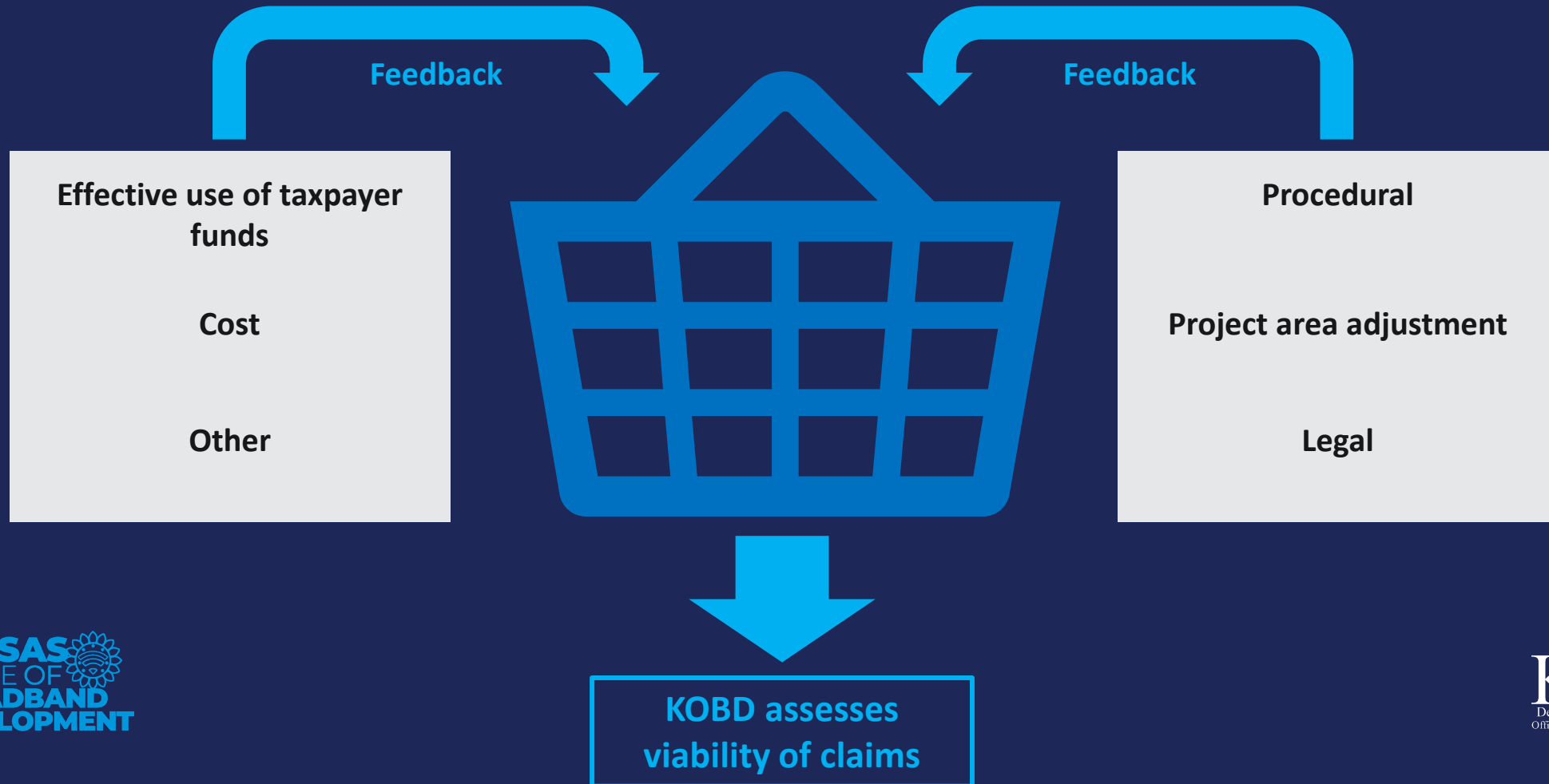
# Service Areas Where Broadband Already Exists

- Requires a provider submitting a challenge to provide speed test results in the proposed project area in which the provider submitting the challenge states that broadband service is currently available at minimum speeds of 100/20 Mbps across entire footprint
- Public comment from challenger must include the following information for consideration:

Proof Required	Speed Tests 	Consumer Testimonials 
<b>Requested Data Set</b>	<ul style="list-style-type: none"> <li>• Speed test provider</li> <li>• Downstream speed</li> <li>• Upstream speed</li> <li>• Latency</li> <li>• Physical address</li> </ul>	<ul style="list-style-type: none"> <li>• Name(s)</li> <li>• Physical Address</li> <li>• Majority of consumers in proposed service area</li> </ul>
<b>Data Set Attributes</b>	<ul style="list-style-type: none"> <li>• Data source and methodology used to develop</li> <li>• Data collected &lt; 3 months from application due date</li> <li>• Raw data available</li> </ul>	

# Other

Any other feedback that providers, elected officials, and constituents wish to express in support of or to document concerns regarding an application or its proposed service area





# Application Structure, Priorities, Evaluation and Compliance

# Application Submission Structure

## Project Proposal

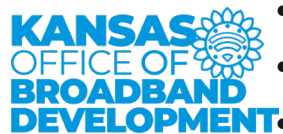
- Executive Summary of the Project
- Service Area Maps
  - Public Map
  - Private Map
- Community Partners, Roles & Letters of Commitment
- Justification for the Project
- Adoption, Affordability, and Digital Inclusion Efforts (ACP participation required)

## Technical Project Plan

- Technical Project Summary
- Network Architecture
- Public and Proprietary Detailed Map of the Proposed Area
- List of Census Block Address Identifiers
- Project Plan and Milestones
- Long Term Investment Viability

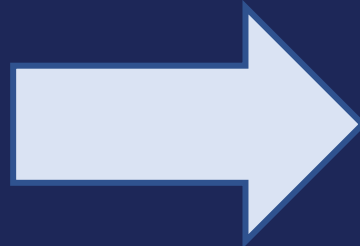
## Financials

- Budget Narrative
- Project Budget Spreadsheet
- Financial Validation Documentation



# Project Priorities

Projects that address a critical need that resulted from, was made apparent, or exacerbated by the COVID-19 public health emergency focusing on:



# Application Evaluation

## Application Section

## Sub-Categories

## Approximate Weighting

Project Proposal

- Project justification
- Community benefits
- Adoption / Affordability / Dig. Equity
- Partnerships

35%

Technical Project Plan

- Delivered speed
- Future proofing / scalability
- Proposed service area validation
- Locations passed

50%

Financials

- Financial standing of company
- Confirming financing is available to support match
- Confirming project costs and budget
- Applicant Match + Co-Investment

15%

# Post Award Compliance

## Compliance

### Monthly Report:

- A narrative update on the status of the project, including notification of any delays.
- Quarterly fund disbursement will be made on expenditure report and supporting documentation
- A monthly budget expenditure report of the project
- A monthly .pdf containing supporting project expenditure documentation for reimbursement requested (i.e., Invoices/receipts)



### Closeout Report:

- Validation of broadband infrastructure project
- Census Block data, .kmz maps, speed tests, latency, and network performance validation
- Expenditure report and supporting documentation for reimbursement requested (i.e., Invoices/receipts)
- Highlights/Hurdles



**Let's Talk.**



