Project Summary

- **Applicant Information**
    - **Company/Applicant's Name:** Race Telecommunications, Inc.
    - **CPCN:** U7060C
    - **Contact:** Raul Alcaraz
    - **Project Title:** Gigafy Arbuckle
    - **Proposed Project Location:** Arbuckle, California
    - **Project Type:** Last Mile / Middle Mile
    - **CASF Grant Funding Requested:** $4,241,181
    - **Total Project Cost:** $5,301,477

- **Map of the proposed project area**

- **Map of the proposed Middle Mile Area:**

- **The number of unserved households with no-service and the number of unserved households with slow-service for which the project will provide service**

- Unserved Households No-Service: 480 | Unserved Households Slow-Service: 0

- **If the project is requesting dial-up-only funding, it must state the number of households with dial-up-only service and the number of other CASF-eligible households**

    - Not Applicable

- **The maximum Mbps downstream and upstream speed currently offered to households**

    - Under 6Mbps downstream and 1Mbps upstream

- **Median household income of the project area**

    - $63,270.65 (Census Block Weighted Average)

- **The number of businesses, anchor institutions and public safety locations in the project area that will receive new or improved service.**
    - two (2)

- **A description of the major infrastructure to be deployed**
    - Race Telecommunications, Inc. is applying for CASF Funding to deploy a fiber -to-the-premises (FTTP) Last Mile network to serve 100% of the homes identified by the GPS coordinates in the defined service area that includes the city of Arbuckle, California. Fiber based internet speeds will offer packages including 1Gbps (1000 Mbps) down and 1Gbps (1000 Mbps) up.

- **Estimated breakdown of aerial and underground installation**
    - 69,389 feet of aerial installation and 28,234 of underground installation.

- **Major equipment expenses**
    - Calix Electronics are the core and access equipment that will be deployed.

- **Estimated construction timeline**
    - Normal operating procedures plan for the project to be completed within 24 months from permitting with a phased rollout approach that allows customers to get installed as portions of the network are activated.

- **Description of proposed broadband project plan for which CASF funding is being requested, including the type of technology to be provided in the proposed service areas:**
    - **Download speed capabilities of proposed facilities.**
        - 1000Mbps

    - **Upload speed capabilities of proposed facilities.**
        - 1000Mbps

    - **Sufficient construction detail to enable a preliminary indication of the need for a California Environmental Quality Act (CEQA) review and if proposed project areas**

contains any environmentally sensitive areas.
- Race's approach to design is to provide low to no environmental impact by focusing on existing disturbed terrain that would allow for CEQA exemption.

- **Identification of the leveraging of existing available facilities**
  - Race will connect to existing HUB sites that will allow for leveraging existing resources and efficiencies.

- **A statement of whether the applicant is disputing the Broadband Map depiction of served status.**
  - We are not disputing the Broadband Map depiction of this area.

- **A statement of whether the applicant is seeking Ministerial Review and, if so, information that the application meets all requirements for Ministerial Review.**
  - We do not meet the criteria for Ministerial Review.

- **An explanation of why any Middle Mile facilities in the proposed project are "indispensable" for accessing the proposed last-mile infrastructure.**
  - Race understands that middle mile is the single most important aspect of a project, and without that singular item a project such as this will not be built. Race understand there may be other long-haul fiber that passes through the area, but due to current Covid-19 circumstances vetting of those facilities for capacity and access with those particular vendors has been none existent. Race has taken the approach to designing and budgeting for a middle mile build to Arbuckle, CA where Race has submitted a CASF Application. This approach allows Race to take not only take advantage of existing infrastructure, but allows Race with confidence to build this last mile project, without having any middle mile concern.

Census Blocks

Last Mile CB	Middle Mile CB
060110001003044	060110001004087
060110001003081	060110001004009
060110001003066	060110001004010
060110001003011	06011000 3004097
060110001003058	06011000 3004128
060110001002025	06011000 3004127
060110001002022	060110003004071
060110001003084	060110003004123
060110001003052	060110003004096
060110001004064	060110001004013
060110001003033	060110003004080
060110001003036	060110001004084

060110001004093	060110001004008
060110001003061	060110003004124
060110001003039	060110003004109
060110001003037	060110003004098
060110001003031	060110003004131
060110001003027	060110003004114
060110001003045	060110003004115
060110001004027	060110003004112
060110001003059	060110001004086
060110001003035	060110003004130
060110001003029	060110003004095
060110001003026	060110001004090
060110001003042	060110003004020
060110001003047	060110003004088
060110001003028	060110003004094
060110001003014	060110001004011
060110001003034	
060110001003046	
060110001003077	
060110001003050	
060110001002024	
060110001003051	
060110001003043	
060110001003055	
060110001003015	
060110001003048	
060110001003068	
060110001003056	
060110001003049	
060110001003032	
060110001003078	
060110001003030	
060110001003040	
060110001003053	
060110001003057	
060110001002008	
060110001003013	
060110001003017	
060110001002027	
060110001003016	
060110001003018	
060110001003041	
060110001003063	
060110001003071	
060110001004026	
060110001003020	
060110001003054	
060110001002028	

060110001003072 060110001003064 060110001003082 060110001002023 060110001003062 060110001004089 060110001003023 060110001003025 060110001003006 060110001003005 060110001003079	