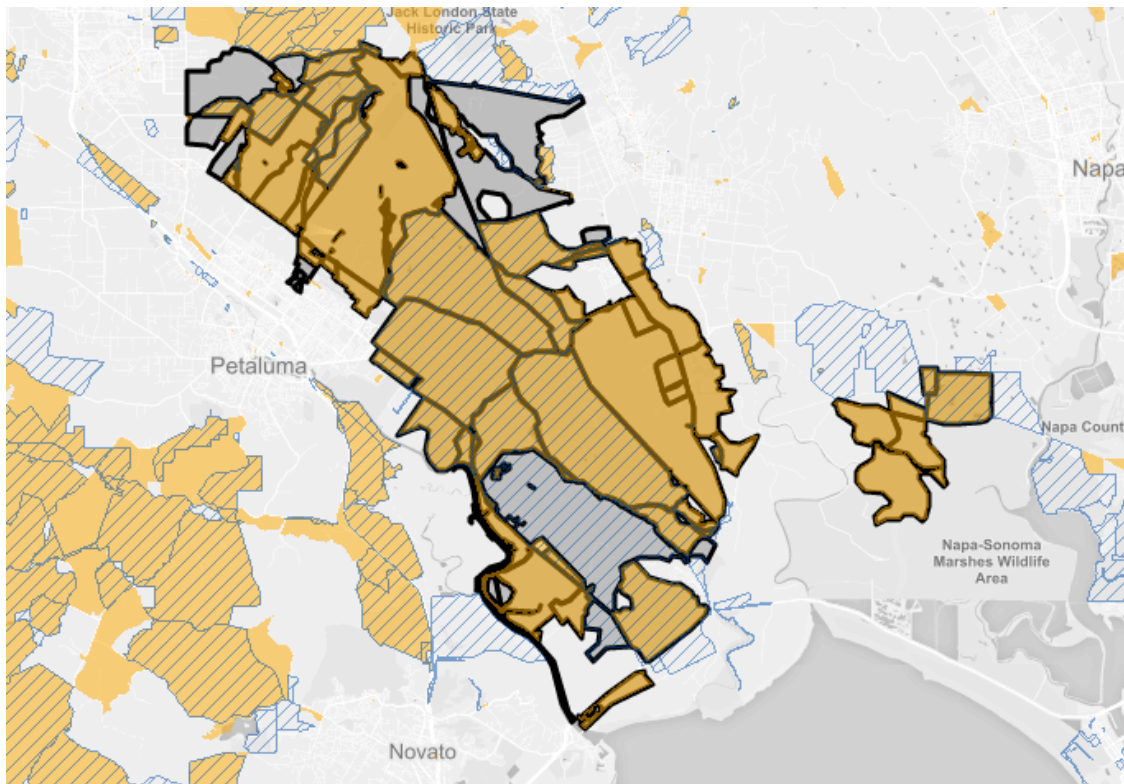# Application Item #1 – Project Summary

a. Basic Project / Applicant Information
   - Company/Applicant's Name – **WebPerception, LLC.**
   - CPCN/U-Number or WIR or pending CPCN/WIR application number, if applicable – **Not Applicable**
   - Contact person – **Brendan Kuhlman**
   - Project title – **WebPerception Rural Internet Service Expansion into East Petaluma / West Sonoma**
   - Named Project Location (community/county) – **East Petaluma / West Sonoma**
   - Project Type (Last-mile or hybrid last-mile/middle mile) – **Last Mile**
   - Amount of CASF grant funding requested and project cost – **Requested: $5,098,972 / Project Cost: $5,098,972**

b. Map of the proposed project area – **All Eligible Project Areas outlined in Black**

c. 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: 3906 | Unserved Households Slow-Service: 1610**

d. 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**

e. The maximum Mbps downstream and upstream speed currently offered to households – **Under 6Mbps downstream and 1Mbps upstream**

f. Median household income of the project area - **$96,747.46**

g. The number of businesses, anchor institutions and public safety locations in the project area that will receive new or improved service – **zero (0)**

h. A description of the major infrastructure to be deployed – **We will be utilizing our existing tower sites and infrastructure to bring last-mile connections to the currently unserved residents in the eligible project areas. We will need to upgrade three of our existing tower site backhauls in order to guarantee the speeds promised to each and every client. We will utilize licensed backhaul links, new sector antennas with radios to serve the various eligible location, battery backup systems to handle the additional equipment, and additional switches and routers. We will need to expand to a new tower site as well. This tower site has line of sight to a large portion of the proposed eligible areas. We will refer to this tower site as 'Tin Can Tower' moving forward. We will be leasing space from Crown Castle (who manages the site) and will be deploying a licensed backhaul link, 3 sector antennas with radios, an enclosure to house our switches, routers and battery backup system.**

i. Estimated breakdown of aerial and underground installation – **There will be no aerial or underground installation necessary. We are a WISP (wireless internet service provider) and will not need to do any digging or require the use of power poles to run cables.**

j. Major equipment expenses – **4x Licensed Backhaul Links, 1x Fiber Upstream Provider Upgrade from 1Gbps to 10Gbps, 1x New Fiber Upstream Provider at existing tower site 1Gbps, 3x Sector Antennas, 3x Access Point Radios, 1x New Tower Space Lease, 1x Battery Backup**

k. Estimated construction timeline – **2-3 months to implement the infrastructure needed. 12-24 months to install each and every client in the project area that has line of site to our towers, that are interested in our service. Please see the attachment labeled, "WebPerception - Deployment Schedule"**

l. 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. – **750Mbps**
- Upload speed capabilities of proposed facilities. – **750Mbps**
- 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. – **Since we will be utilizing our existing infrastructure and tower sites, there will be no need for construction, so this is not applicable to us.**
- Identification of the leveraging of existing available facilities **– We have fifteen existing tower sites and repeater sites in the area. For this project, we will be utilizing four of these tower sites to bring internet service to the proposed locations.**
- 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 meet all criteria for Ministerial Review and would like to seek Ministerial Review.**
- An explanation of why any Middle Mile facilities in the proposed project are "indispensable" for accessing the proposed last-mile infrastructure. **– We are not in need of any Middle Mile facility funding. We have infrastructure already in place and each tower site will serve as last mile options for clients in the proposed areas.**