



City Council Staff Report

Subject: Astound Broadband Powered by WAVE Agreement

Date: December 12, 2023

Submitted By: Justin Nartker, Director of Public Services

Department: Public Services

Recommendation:

Adopt a Resolution of the City Council of the City of Rocklin Adopting and Authorizing the Agreement with Astound Broadband Powered by WAVE, for Intelligent Transportation System (ITS) Communication and Networking Services and Authorizing the City Manager to Execute an Agreement.

Background:

On May 14, 2019, the City Council approved the Intelligent Transportation System (ITS) Masterplan (Resolution No. 2019-106), which identified a phased backbone traffic control infrastructure and a central traffic control system. The ITS Masterplan builds upon the General Plan and Traffic Circulation Element by setting the vision, goals and objectives for traffic flow from an operational perspective.

Subsequently, staff reviewed the cost estimates and implementation priorities for the communication trunk lines that are needed along the City's major corridors for the initial phases. The ITS Masterplan took into consideration the various technologies available (e.g., line of sight wireless, fiber, copper, cellular, etc.) and concluded that utilizing the Astound Broadband Powered by WAVE (Astound) fiber system was more cost advantageous than the implementation of a City-owned system. As was determined when this arrangement was originally entered into, the cost recovery for a City-owned backbone communication network vs. the proposed Astound network, is over 26 years, and does not account for legacy costs associated with additional staffing that would be needed to monitor a City-owned and maintained system.

As a result, on June 11, 2019, the City Council adopted Resolution No. 2019-146, which authorized an infrastructure and communication services with Astound for ITS along Sunset Boulevard, Pacific Street, Rocklin Road, and Sierra College Boulevard. The current agreement expires in 2024.

The Astound fiber system has proven to be reliable for the City, and expandable to accommodate the changing traffic signal data needs and provide flexibility for the Police

Department's Automated License Plate Reader (ALPR) program. To accommodate the growing traffic signal ITS network and the ALPR program, staff entered into negotiations with Astound with the intent of lowering monthly service costs in order to create opportunities for infrastructure expansion. Staff also had a desire to lock in rates in order to create a more sustainable and predictable solution for growth and expanded service.

Through these negotiations, Astound Broadband Powered by WAVE was able to guarantee locked pricing and the ability to expand the system to accommodate the City's growing needs by amortizing the project over a ten (10) year period. This will lower the rate from \$384 to \$288 per intersection/circuit for the duration of the contract with no additional installation costs per intersection. Additionally, new circuits will be added as the city continues to increase this service at a rate of \$288 per circuit with no installation costs. Throughout the term of this contract.

Pursuant to the Rocklin Municipal Code 3.04.070(i) the City Council may approve a contract duration longer than three years for good cause. Given the satisfactory negotiations, staff recommends a ten (10) year agreement with Astound Broadband Powered by WAVE to secure a sustainable ITS system for the next decade.

Fiscal Impact:

There is no additional fiscal impact as the costs for this service is included in the individual department's budget as needed.

ATTACHMENTS:

1. [Resolution](#)
2. [Resolution Exhibit A - Agreement](#)