

TELECOMMUNICATIONS IN SUNRIVER

Gathering Input From Owners

Town Hall Meeting

July 21st, July 28th and August 4th, 2020

Telecommunications Task Force Owner
Engagement Team

- Keith Kessarlis
- John Salzer
- Gerhard Beenen



TELECOMMUNICATIONS TASK FORCE

- ▶ Task Force Chartered January 2019
- ▶ Members
 - ▶ SROA Management (5)
 - ▶ SROA Board Members (4)
 - ▶ SROA Residents (2)
 - ▶ Rental Agencies (2)

The screenshot shows the Sunriver Owners Association website. The top navigation bar includes links for CONTACT STAFF, SCENE, CALENDAR, JOBS, EMERGENCY, and TRANSLATE. Below this is a secondary navigation bar with OWNERS, DEPARTMENTS, DOCUMENTS & FORMS, COMMUNITY, and I WANT TO. A search icon is also present. The left sidebar contains a menu with categories like Coronavirus Updates & Information, Owner Information, Owner Benefits, News & Notices, Update My Information, Pay Maintenance Fees Online, Get Involved, Candidates to the Board, Board, Committees & Minutes, Capital & Reserves Projects, Infrastructure & Amenities Plan, Telecommunications (highlighted), North Pool Renovation Project, Recycling Center Proposal, Abbot Beaver Circle Project, and Contact Staff. The main content area is titled 'Telecommunications' and includes a breadcrumb trail 'Owners » Capital & Reserves Projects »'. The text states that on January 18, 2019, the SROA Board of Directors authorized the formation of the Telecommunications Task Force (TTF) to research bringing Fiber-to-the-Home to Sunriver. It details the TTF's role in engaging membership, reviewing past telecom work, and recommending updates to SROA's telecommunication infrastructure. A list of materials being researched is provided, including connectivity to all SROA owners, potential of multiple vendors, potential for SROA to manage infrastructure for connectivity and security, redundancy and expandability for the future, and creating a plan that will last 30-plus years. The page also features a 'Virtual Town Hall Reservation' button, a 'Telecommunications Survey' button, and a 'NEWS' section with a recent article titled 'Task force researching telecommunications improvements' dated 06/30/2020 4:00 PM. A 'MORE NEWS' button is also visible. At the bottom, 'Owner Engagement' is detailed with three points: Information (sharing stories via Scene, SROA website, and E-notifications), Survey (owners asked to take a survey about internet services, with a link to click here or a button on the right), and Town Halls (three meetings planned, open to all owners, tailored to specific user groups). 'Virtual Town Hall Reservation Dates' are listed: July 21, 3-5pm for Permanent Residents (RSVP by July 17), July 28, 3-5pm for Non-Resident Second Home Owner (non-rental) (RSVP by July 24), and August 4, 3-5pm for Owners with a Vacation Rental (RSVP by July 31). A note at the bottom states that reservations to attend a session are required and provides a link to fill out the online reservation form, with an RSVP due by the Friday prior.

IAMP Owner Survey

January 2020

Infrastructure Project	Percent Placing in Top Three	#1 Rank	#2 Rank	#3 Rank
Telecommunications Infrastructure	64%	51%	30%	19%
Public Works Facility	52%	25%	35%	40%
New Recycling Center	51%	44%	34%	22%
Restrooms for pathway system and parks	48%	37%	34%	29%
Sunriver Service District (Police/Fire)	25%	22%	37%	40%
Cottonwood Road entrance	15%	24%	28%	48%
Administrative Facilities	6%	10%	28%	62%



A BRIEF HISTORY OF TELECOMMUNICATIONS IN SUNRIVER

- ▶ Chambers Cable : 1997 - 2012
 - ▶ Cable TV
 - ▶ Internet
- ▶ Bendbroadband: 2012 - Present
 - ▶ Improvements: 2013
 - ▶ Cable TV
 - ▶ Internet
 - ▶ Phone
- ▶ Minor Players
 - ▶ Verizon, CenturyLink, BendTel



CURRENT STATUS

- ▶ 4,175 homes in Sunriver
 - ▶ 85% subscribe to Bendbroadband
- ▶ Bendbroadband 10-year contract up for renewal in June 2022



- ▶ SROA Telecommunications Task Force Objectives
 - ▶ Long-Term Vision
 - ▶ Services
 - ▶ Improvements



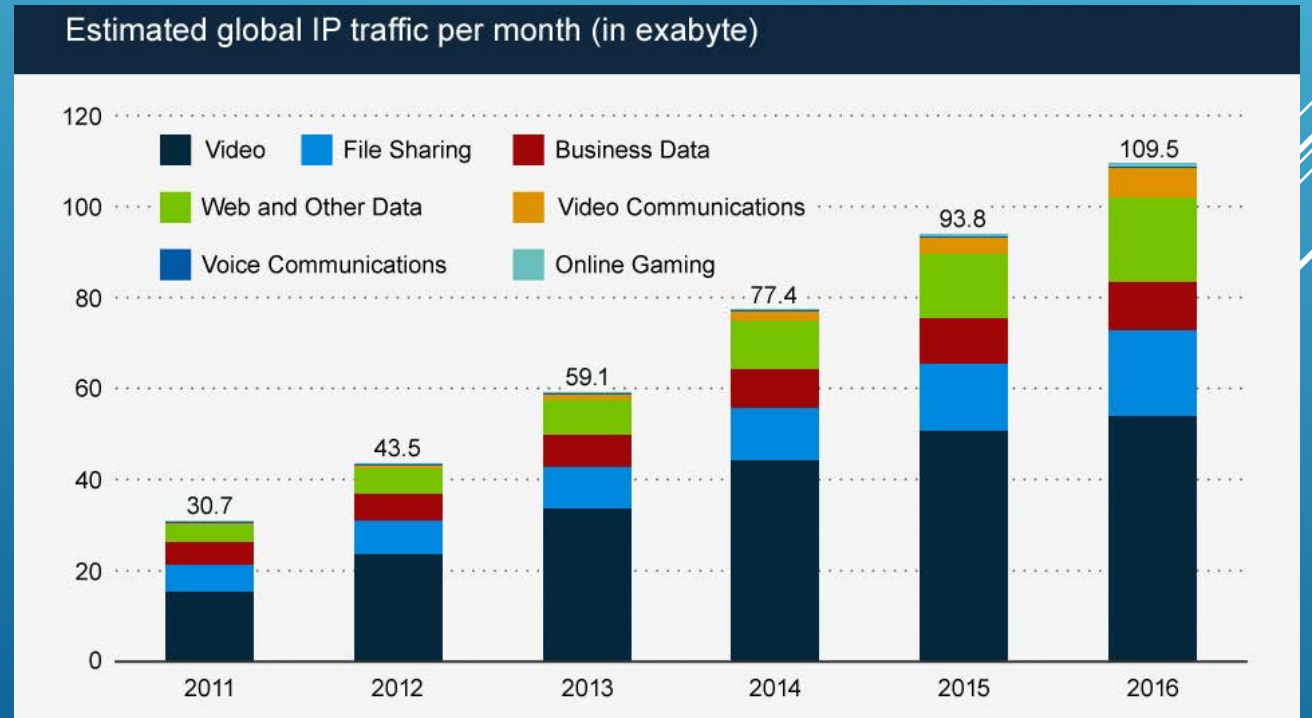
TELECOMMUNICATIONS CHALLENGES IN SUNRIVER

- ▶ Dynamic network utilization
- ▶ Upload Speed vs Download Speed
- ▶ Single Supplier
- ▶ Service quality



PREPARING FOR THE FUTURE

- ▶ Video services migrating to the Internet
 - ▶ Netflix, YouTube TV, Hulu, Sling TV, Amazon Prime Video, etc.
- ▶ Internet services increasing in popularity / necessity
- ▶ Many services require both high-speed download and upload capability



PROPOSED SOLUTION FOR SUNRIVER

- ▶ Upgrade Sunriver Network to Fiber-To-The-Home (FTTH)
 - ▶ 1Gbps+ upload and download speeds
 - ▶ Improved reliability
 - ▶ Eliminate congestion
 - ▶ Upgradable



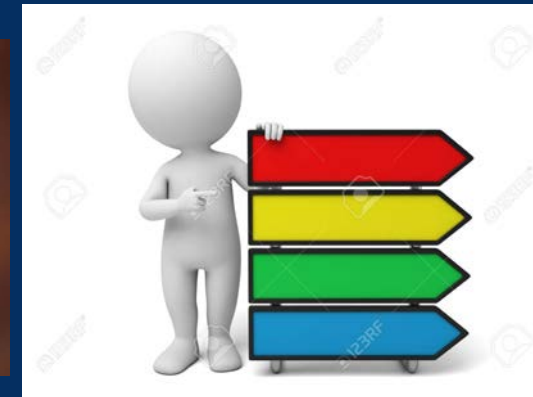
CHOICES FOR OWNERS

▶ Two Options for Achieving FTTH in Sunriver

1. Negotiate a new contract with BendBroadband and require they upgrade their network to FTTH
2. Invest in constructing a Sunriver owner financed FTTH network



Vs



YOUR FEEDBACK AND QUESTIONS!

