

David Cutaia

From: C. Dave G <cdg55@earthlink.net>
Sent: Tuesday, November 16, 2021 1:34 PM
To: City Clerk Group
Cc: Deborah Lopez; David Cutaia; Dave G
Subject: Written Submittal regarding Opposition to Agenda Item "B.2 21-474 Broadband Strategic Plan Memorandum of Understanding" for discussion at City Council Regular Meeting on November 16, 2021.
Attachments: Opposition to Agenda Item B.2 21-474 Broadband Strategic Plan Memorandum of Understanding 11 16 21.pdf

Dear City Clerk – I, C. Dave Gaughen, respectfully request the distribution of my attached written opposition to Agenda Item "B.2 21-474 Broadband Strategic Plan Memorandum of Understanding." Please distribute to the Mayor, Council Members and perhaps to the Director of Public Works and his Assistant, if appropriate.

My name is C. Dave Gaughen, email address of cdg55@earthlink.net, and phone number of (805) 275-6457.

At the present moment, I remain unsure as to whether I will be available to speak on Agenda Item B.2 at this evening's meeting during open session participation.

Thank you,

Respectfully, C. Dave Gaughen

C. DAVE GAUGHEN
7456 Evergreen Drive
Goleta, CA 93117
Telephone: (805) 275 – 6457
Email: cdg55@earthlink.net

November 16, 2021

To: The Mayor and Council Members
130 Cremona Drive, Suite B
Goleta, CA 93117

Subj: Opposition to Agenda Item “B.2 21-474 Broadband Strategic Plan Memorandum of Understanding”

- Ref. (1) Agenda Item B.2, Meeting Date: November 16, 2021, “SUBJECT: Broadband Strategic Plan Memorandum of Understanding (39 pages).”
(2) Goleta Municipal Code (GMC) Chapter 12.20 Wireless Facilities in Public Road Rights-of-Way
(3) City of Goleta Public Hearing for “Proposed Ordinance regarding Wireless Facilities in the Public Rights-of-Way, Fee Resolution and Master License Agreement” dated May 07, 2019

Dear Madam Mayor and Council Members (the “Approving Board”):

RECOMMENDATIONS:

C. Dave Gaughen respectfully requests the Approving Board deny and reject the Broadband Strategic Plan Memorandum of Understanding and reallocate the City of Goleta’s funding share of \$21,011.56 from the General Fund to a more pressing need. For example, the City’s funding share could be used towards the development of a Safety and Compliance Program for Small Cell Wireless Facilities (SCWF) and FCC Registered Wireless Towers located within the City of Goleta. Furthermore, if applicable, I respectfully request that the City of Goleta attempt to convince the County of Santa Barbara to rescind their commitment of \$200,000 (i.e., the primary funding source of the Broadband Strategic Plan as received from the America Rescue Plan Act) and reallocate these funds to a mutually beneficial project shared between the County of Santa Barbara and the City of Goleta (see Ref. 1).

BACKGROUND AND DISCUSSION

More than 167 Towers and 182 Antennas located within the City of Goleta

According to the website antennasearch.com, there are at least 167 towers and 182 antennas located within a 3 mile radius of 7095 Marketplace Dr, Goleta, CA 93117 (see Figure 1 below). These towers and antennas provide a wide variety services and include: 1) FCC Registered Towers, 2) Un-registered Towers, and 3) Services provided for by AT&T, Verizon, T-Mobile, Cox Communication Pcs Lp, Sprint Nextel, etc. Each of the aforementioned 349 sites selected the 93117 zip code without any form of guidance from either an association similar to the Santa Barbara County Association of Governments (SBCAG) or an equivalent consortium such as the Broadband Consortium of the Pacific Coast (BCPC).

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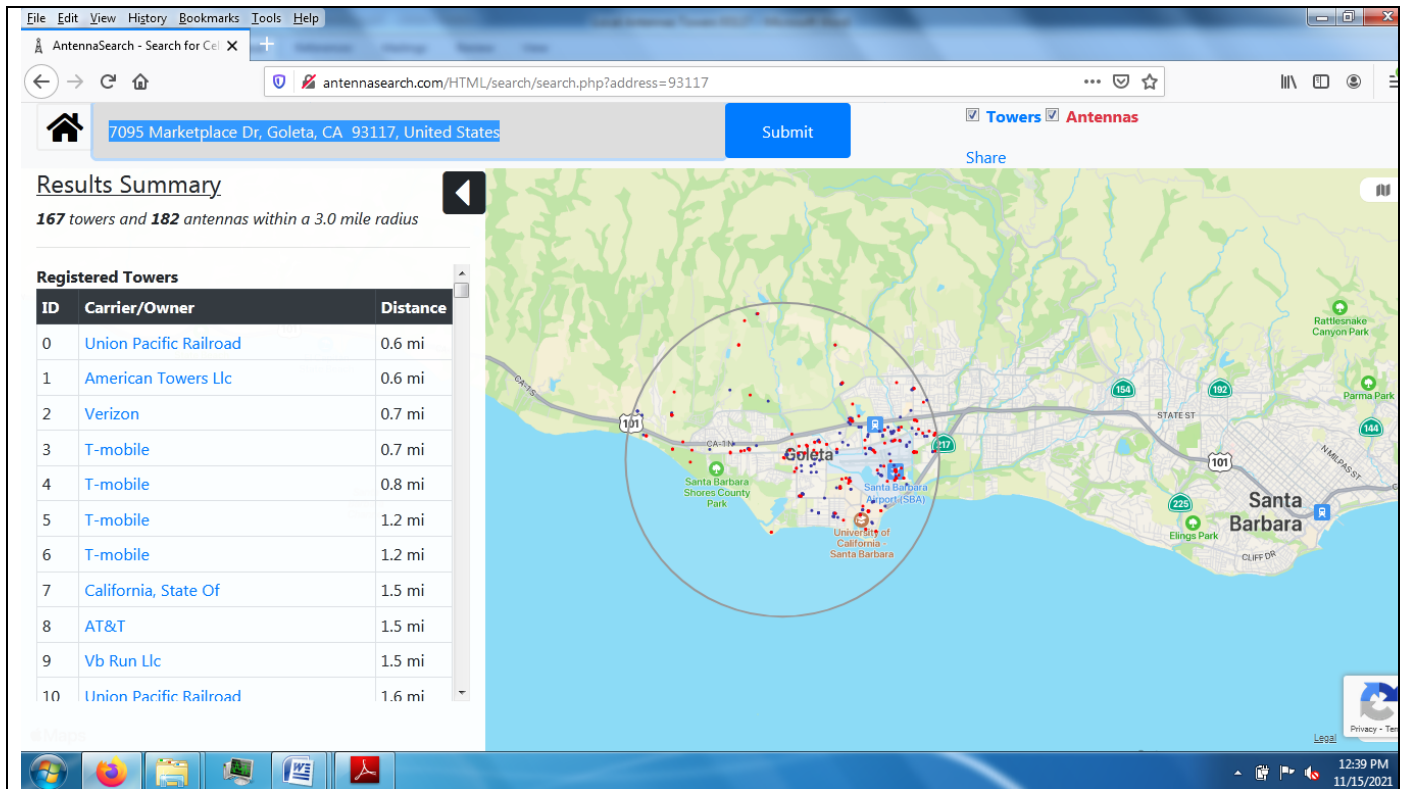


Figure 1. Screenshot Search Results of Towers and Antennas located within a 3 mile radius of 7095 Marketplace Dr, Goleta, CA 93117; See antennasearch.com.

Mr. Peter Imhof presents No Substantial Facts to Support the Broadband Strategic Plan

On Page 1 (Ref. 1) under the heading of Background, Mr. Peter Imhof, Planning and Environmental Review Director, City of Goleta, presents un-quantified and generic justifications for moving forward with the Memorandum of Understanding (the “MOU”) for the Broadband Strategic Plan (the “BSP”).

The SBCAG presents No Substantial Facts to Support the Broadband Strategic Plan

On page 2 (Ref. 1) under the same heading of Background states, “In July 2021, SBCAG (Santa Barbara County Association of Governments) formed an ad-hoc committee, comprised of the following members: Joan Hartmann (County Supervisor, Third District); Bob Nelson (County Supervisor, Fourth District); Jenelle Osborne (Mayor, City of Lompoc); Alice Patino (Mayor, City of Santa Maria); and Mayor Perotte. The ad-hoc committee recommended the SBCAG Board of Directors’ support and encouragement to formalize a collaborative, regional approach to developing a broadband strategic plan.”

Alternatives

On page 3 (Ref. 1) under the heading of ALTERNATIVES states, “City Council could choose to not authorize the City Manager to execute the MOU. In that case, the Broadband Strategic Plan would not be fully funded and SBCAG would need to seek funds elsewhere or discontinue the pursuit of the project.” As stated above under Recommendations using different wording, I respectfully encourage the Council Members to Not authorize the City Manager to execute the MOU.

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A Competitive Bid may Attract Candidates other than the Preselected BCPC

On page 6 (Ref.1), under the heading of 2. ADMINISTRATIVE ENTITY lists subsection items A. – J. Subsection A. states that they will enter into an agreement with the Broadband Consortium of the Pacific Coast (BCPC). Additionally, on page 5 (Ref. 1) under the heading of RECITALS reads in relevant part as, “WHEREAS, SBCAG, as the administrative agency, will work with the Broadband Consortium of the Pacific Coast (BCPC) to assist the region with the development of the Regional Broadband Strategic Plan.”

No Partnership(s) between BCPC and Broadband Service Provider(s) or Broadband Facility Installation Contractor(s): No Clear Path for Deployment of the final BSP

On page 15 (Ref. 1), Attachment B entitled BCPC, Broadband Consortium Pacific Coast, Santa Barbara County | Broadband Strategy, reads in relevant part,

“The Broadband Consortium of the Pacific Coast (BCPC) will coordinate with REACH and the Northern Santa Barbara County EconAlliance, local jurisdictions, and other key stakeholders and bring together higher education institutions and telecom providers to develop a long-term strategic plan for broadband deployment throughout Santa Barbara County and then the tri-county region.”

In short, it is highly unlikely that at some future date BCPC will attract and actually enter into a contractual agreement between a telecom provider, such as Verizon and Cox, or between a Broadband Facility Installation Contractor such as Crown Castle. Additionally, I believe, Crown Castle currently has an agreement with AT&T for deployment of Broadband technology throughout Santa Barbara County. As such, how can we reasonably expect BCPC to implement any part of a long-term strategic plan for broadband if they do not have a single present day contractual agreement between a deployment partner such as AT&T, Cox, Crown Castle, etc.

Further, on this same page, under the heading of Problem, BCPC presents numerous unsubstantiated allegations regarding the region’s (i.e., the City of Goleta’s) current broadband situation.

Regarding the entities of REACH and the Northern Santa Barbara County EconAlliance mentioned above, Exhibit 1 presents basic background content extracted from the websites of REACH and the Northern Santa Barbara County EconAlliance.

The Private Sector and the City of Goleta’s Department of Public Works

On page 16 (Ref. 1), under the headings of Outcome, Short term tactics, and Ongoing tactics, it most certainly appears that the Private Sector and the City of Goleta’s Department of Public Works has previously addressed the most significant bullet points such as the creation of an asset inventory of existing broadband assets and right of ways [I believe the POC for this asset inventory is Melissa Angeles, Assistant Engineer, Department of Public Works (805) 690 – 5122].

Additionally, there is not a single reference to either the Goleta Municipal Code (GMC) Chapter 12.20 Wireless Facilities in Public Road Rights-of- Way or the City of Goleta Public Hearing for “Proposed Ordinance regarding Wireless Facilities in the Public Rights-of-Way, Fee Resolution and Master License Agreement” dated May 07, 2019 (see Ref. 2 & 3). This suggests perhaps a lack of background knowledge regarding the prior work that the City of Goleta has successfully completed.

Cox StraightUp Internet - \$50/month, 1,000 gigabytes (GB) monthly data

On page 28 (Ref. 1), example entitled Current State: Santa Barbara County Broadband, presents the example of a Santa Ynez resident exceeding his 50 GB monthly internet data cap followed by having to pay a \$900 bill. In general, Verizon charges a rate of \$15 per GB when the data cap has been exceeded

whereas Cox Cable has readily available internet plans within the City of Goleta with > 1,000 GB of monthly data at reasonable rates. Presently, I use Cox High Speed Internet Essential with 1,024 GB of monthly data at \$65.99/month and plan to someday convert to the lower priced Cox StraightUp Internet with the same level of monthly data. Additionally, the streaming channel Hulu uses data at a rate of 0.65 GB/hr – 1.3 GB/hr which means the resident in the above example may have unfortunately exceeded their data cap in less than 40 hours if Hulu was watched. The lesson learned in this example is not to use a cell phone with their subsequent relatively low data plans to watch movies, TV programs, videos, and other streaming content. Nevertheless, Cox currently provides the residents of Goleta with acceptable internet solutions regarding both price and monthly data.

Insufficient Explanation to Understand the Screenshot Search Results

On page 29 (Ref. 1), example COVID: Catalyst for Digital Inclusion presents a screenshot of search results from the website broadbandusa with four search boxes check with an additional heading of Indicators of Broadband Need. In short, no additional details are presented to assist in understanding the quantitative intent of this example.

No Direct Deliverables that Assist in Lowering Broadband Costs or Availability

On page 31 (Ref. 1), under the heading of Process & Deliverable, and on page 38 (Ref. 1), under the heading of Summary presents summary bullets under the subheadings of Purpose, Regional Context, Stakeholders, Timeline & Cost, The Strategy's Desired Outcomes..., and Why the Consortium?, respectively. In short, the total funding of this effort is presented at \$400,000 (see page 31, Ref. 1) whereby I was hoping to indentify a single deliverable that would have a direct and immediate affect towards lowering broadband costs and/or availability. For example, in my opinion, a direct deliverable with an immediate affect could consist of: 1) Working with the areas broadband providers to establish a program similar to CARE for underprivileged and lower income residents, 2) Working with Verizon and their contractors to install XX miles of FiOS cable to various regions in need and with partial funding from grants secured as result of this effort, and 3) Numerous other examples.

CONCLUSIONS

In my opinion, the City of Goleta's broadband capabilities are expanding at an acceptable rate. Commercially available broadband suppliers, monthly costs and data packages are also acceptable. Per Reference 2, the City of Goleta's Director of Public Works has the authority to approve encroachment permits such as permits relating to new Small Cell Wireless Facilities which deliver greater broadband access within the City. I believe it would be in the City's best interest to perhaps increase the authority and scope of the Department of Public Works in an attempt to satisfy the broadband gaps that the Mayor and Council Members deem appropriate; as compared to voting to approve and fund the Broadband Strategic Plan Memorandum of Understanding. As such, I respectfully request the Approving Board deny and reject the Broadband Strategic Plan Memorandum of Understanding.

Respectfully,

C. Dave Gaughen

EXHIBIT 1

EXHIBIT 1



Our Work

WHAT WE DO

- Runs orphanages, schools, hostels, and daycare centers in 24 developing countries
- Provides a secure environment, three meals a day, clothing, medical care, and education to 24,000 orphaned, abandoned, abused, or vulnerable children worldwide
- Registered 501(c)3 nonprofit organization in the USA and #89503 4189 RR001 in Canada
- Better Business Bureau endorsed charity
- Fosters independence in REACH students through work programs and vocational training
- Founded in 1973 Governed by a volunteer Board of Directors
- Reliant on volunteers; only has two full-time employees
- Operates solely on donations
- 90 cents of every dollar donated goes directly to programs and services
- Projects go where there is the greatest need
- Guided by compassion and integrity

REACH International is headquartered in the USA, has seven branch offices in Canada and Europe, and currently

operates in 24 developing countries

- Countries being served as of 2015: Argentina, Bolivia, Brazil, Burkina Faso, Cape Verde, Democratic Republic of Congo, Guinea, Honduras, India, Kenya, Madagascar, Malawi, Mexico, Myanmar, Nicaragua, Paraguay, Philippines, Romania, Rwanda, Sri Lanka, South Africa, Tanzania, Thailand, Zimbabwe
- Largest impact in Africa
- Branch offices located in Canada, Belgium, England, France, Italy, Spain, South Africa

REACH International is non-discriminatory

- Children are accepted on the basis of need, regardless of race, gender, ethnicity or religion.

REACH International offers three paths for support and involvement: sponsor a child, donate or volunteer

- Sponsorships are a \$30 per month commitment
- Donations are accepted in any amount to help fund projects from well-digging in Kenya to providing computers to a school in Paraguay.
- Volunteers are needed at our projects and at our office in Silver Spring, Maryland



EconAlliance is a non-profit cross-industry alliance that fosters awareness, advocacy, support and appreciation for Northern Santa Barbara County industries and communities.



initiative-FOCUSED ACTIVITIES

Upcoming: Planned 2021 EconAlliance Broadband Activities ([Link](#))

Recent: May 25, 2021, Broadband Forum Event "5G Technology: What Does it Mean to My Business, My Life?"

[Recorded Video](#)

[Event Program](#)

[Presenter Dan Feldman's \(Verizon\) Slides](#)

Broadband-Focused Event Archive: Coming Soon!

LINKS AND REFERENCES

Must Read Joint Venture Silicon Valley's "[Wireless Communications Handbook, 2nd Edition](#)"

NSBC Fiber Ring Overview ([Link](#))

BCPC's Web Page ([Link](#))

"California Broadband Infrastructure Report Card", Tellus Associates, March 24, 2020 ([Link](#))

VIDEOS AND MEDIA

BROADBAND ACTIVITIES

Sometimes called the “fourth utility”, broadband is critical 21st Century infrastructure, and the growth, effectiveness and innovation in Northern Santa Barbara County are not able to be maximized due to the area’s broadband limitations.

A recent analysis of statewide broadband (“California Broadband Infrastructure Report Card”, March 2020, Tellus Venture Association, see link in "Links and References") gave Santa Barbara County a D-, meaning that there is only one wireline provider offering (not necessarily even in all areas) broadband speeds of 100 Mbps down/20 Mbps up. More recent figures may show some slight improvement, but the fact is that in 2021, there are still areas either un-served or severely under-served by broadband.

EconAlliance serves as the northern Santa Barbara County liaison to the tri-county Broadband Consortium Pacific Coast (BCPC), providing outreach, education, advocacy and support for the enhancement of broadband in the area. This is done through policymaker visits, forums, webinars, research, and advocacy. In 2020, EconAlliance and BCPC’s Santa Barbara County broadband chair Chris Chirgwin and EconAlliance developed a concept to enhance accessibility, redundancy and resiliency of broadband. This concept, the Northern Santa Barbara County Fiber Ring Network (see link in "Links and References"), has since guided EconAlliance broadband enhancement activities.

Key Current Broadband Activities

- Pacific Premier Bank has funded EconAlliance with a 2021-2022 \$25,000 grant to fund an assessment of broadband needs for organizations and residents in Cuyama, Los Alamos and Orcutt, along with identifying anchor institutions in those communities. 2021-2022 funding is a follow-on effort of a previous grant awarded EconAlliance by the Bank for a similar study of Santa Maria, Guadalupe, and Lompoc, which is a study still underway. In addition, the bank’s grant partially funds EconAlliance in engaging and

overseeing telecom consultants to perform a “Last Mile Connectivity Analysis” for Northern Santa Barbara County. EconAlliance is partnering with the Santa Ynez Band of Chumash Indians on this element of the grant work, and Tribal funding will be supporting funding for the Analysis. “Last Mile” element provides critical analysis supporting community decision-making, helping communities to better understand technology options, cost and viability of last mile connectivity. See [full press release here](#).

- Advocacy and other efforts supporting accelerated development of the Northern Santa Barbara County Fiber Ring Network, a middle-mile infrastructure element envisioned as enhancing broadband access for North County communities, industries, anchor institutions and key assets. EconAlliance is supporting partnerships, exploring funding potential, writing and co-writing grants, and socializing the Fiber Ring concept. Part of this effort involves developing and maintaining a preliminary broadband strategy for North County.
- Supporting Vandenberg IT team’s broadband enhancement. In March, 2021, Vandenberg Air Force Base changed its name to Vandenberg Space Force Base, setting the stage for the Base’s new vision as a “Spaceport of the Future”. To foster spaceport readiness, a major upgrade in connectivity was required and in 2020, EconAlliance and BCPC assisted the Base IT team with market research around broadband improvements – hosting a broadband provider/Base IT team “meet and greet”, and identifying potential providers to meet Vandenberg’s unique needs.
- In 2020, EconAlliance, the Santa Ynez Band of Chumash and BCPC co-wrote a successful tribal grant to the US Department of the Interior to develop a Tribal broadband strategy for linking traditional Chumash lands to new Trust lands. Partners are now implementing.
- In 2021, EconAlliance is beginning a broadband needs assessment for North County. Pacific Premier Bank is supporting this important effort with partial funding of the assessment.

OUR ACTIVITIES