

Willowbank County Service Area (WCSA) Advisory Committee

Minutes of the Meeting Held 15 May 2019

7:00 PM

Marguerite Montgomery Elementary School Multipurpose Room

1441 Danbury Street, Davis, CA 95618

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| 1. | <p>Call to Order: Committee Chair Woods called the meeting to order at 7:11pm.</p> <p>Committee Members Present: Kent Calfee, Brian Morrissey, Marcia Kreith, Olin Woods, Bill Corliss</p> <p>Members Absent: Liz McCapes and Joanne Roy</p> <p>Recording Secretary: Julie Auger</p> <p>Others Present: Pam Eisele, Don Gueffroy, Eileen Gueffroy, Kathleen Rockwell, Michael Rockwell</p> <p>Invited speakers: Rich Reed, Christine Crawford, Stan Gryczko</p> |
| 2. | <p>Introductions: Committee and audience gave self-introductions</p> |
| 3. | <p>Approval of the minutes: It was moved by Morrissey and seconded by Woods that the minutes of the meeting of 13 March 2019 be approved. They were unanimously approved. Woods point of note: item #6 in the minutes was part of the GWIA meeting and was recorded by Michael Curry for the benefit of the WCSA Advisory Committee. (Final minutes may be viewed at yolocounty.org (Go to Residents, then to County Service Areas, then to Willowbank CSA, then scroll down to “Meeting Calendars”, press All Past, scroll down again to “Meeting Calendars” to find past WCSA minutes since 2015.)</p> |
| 4. | <p>Public comments: none</p> |
| 5. | <p>Yolo County Report by Rich Reed on behalf of District 4 Supervisor Jim Provenza: Mace Boulevard – City has taken 2 actions : 1) installation of a 3 way stop at San Marino and Mace Blvd, and 2) improve turning radii at Mace and Cowell. Other actions, including restoring traffic lanes, removing concrete barriers and creating right turn lanes, are being studied by City consultants and staff this summer.</p> <p>Supervisor Provenza convened a working group of south Davis residents to meet with the City to discuss these issues as a supplement to the general community meetings. There are 12 people on the committee, comprised of residents in El Macero and City neighborhoods west of Mace Blvd. There is no representation from Willowbank, although the</p> |

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| | <p>neighborhood is welcome to have someone participate. Woods asked if anyone present was interested in participating but there were no volunteers. The committee has met once and is scheduled to meet again once the City reveals further ideas or plans.</p> <p>Residents have expressed concern that the curbs between the car and bike lanes are unsafe, especially in inclement weather. More info is expected early to mid-summer.</p> |
| <p>6.</p> | <p>Status of Efforts to Secure Reliable Broadband Throughout Yolo Co. Christine Crawford, Executive Officer of Yolo Local Agency Formation Commission (LAFCo)</p> <p>Committee member Brian Morrissey introduced the topic: home owner groups are getting together to support the future of broadband coverage. It is a very important resource countywide, especially for rural communities. For example, it is necessary for implementing current and future health care technologies for real-time medical assistance of aging patients, community communications and educational needs.</p> <p>Crawford provided a set of slides (attached), including Calif. Public Utilities Commission web site references to wireline internet data from 2015 and 2017 studies. Due to the rural agricultural nature, Yolo County has a lot of zones without wireline broadband coverage. LAFCo did a strategic broadband plan for the County in 2015. Crawford indicated that as utility work in the County is being done, the County has been attempting to include conduit installations in conjunction with such work to accommodate future fiber installations. Funding for installation can be a limiting factor. This is also being considered in the cities within the County. Winters, for example, is making sure all new developments are installing conduits for fiber.</p> <p>Moving forward: LAFCo has passed the baton off to the cities and the County. The City of Davis has created a broadband advisory task force which may impact on Willowbank. Willowbank is currently covered by broadband that is available to the Davis residents at almost 1Gb speeds. There is a presentation coming to City Council June 4 about exploring the feasibility of building a municipal broadband network. Statewide, no CSAs have banded together yet to address this problem. However, some local communities have done so with the El Macero project provided as an example. In El Macero, individuals came forward to supply the \$111,000 necessary to bring fiber optic cable to El Macero. However, the County presently does not have any organized public group to focus on this.</p> |
| <p>7.</p> | <p>Update: Water rates, the 218 Process, and Waste Removal Policy. Stan Gryczko, City of Davis Assistant Public Works Director/Operations</p> <p>Davis Water rates: There was a 9% increase for all customers in January 2019 which was seen on the March bill. This increase was authorized under previous Prop 218 process and will remain in effect until another Prop 2018 process occurs. Over the next year, the City will do a new water cost of service study, in consultation with a consultant. They will identify the financial plan (costs), and apportion across user classes based on water use. This will determine the necessary rate increases over the next 5 years to maintain the service.</p> |

Gryczko described the process: City sends out RFP for a consultant, work with Utility Rate Advisory Commission (URAC) to develop model/study to propose recommended rate increases through Prop 218. Will not go thru the formal Prop 218 process for about a year. To stay apprised of process, URAC agendas (public meetings) are a good source of information. Interested individuals can sign up to get agendas via email from the City website. Meetings are held at City Hall conference room on the 3rd Wed of every month.

WCSA involvement: Willowbank will be expected to adhere to same regulations and have the same level of involvement as a City of Davis customer. Each resident will get a Prop 218 notice and have the ability to comment on the notice.

There were a few questions about the distinction of pricing for Willowbank customers since Willowbank does not utilize the Waste Water Services. Gryczko clarified that Willowbank customers are not paying for sewage service but only the costs to provide water to Willowbank residences. Recently, there were two independent utility projects: 1) Waste water project (paid out of sewer revenues and loans) and 2) Water Source project (paid out of water revenues and loans). The cost for the water project turned out to be lower because of a State low-interest rate loan for the waste water project. Because the main purpose of the water project was to solve the sewer problem, it saved the water project approximately \$100M on interest charges over the term of the loan. All customers, including Willowbank residents, benefit from the lower cost of the overall project. El Macero has the same water agreement that Willowbank has. They have a sewer rate that El Macero negotiated with the City previously. A study will be done to ensure that the cost of sewer service delivery is being paid but will take a year for that study to be completed.

Update on the Recycled Water master planning effort: Woodland is already running purple pipes but Davis is not. The challenge for Davis is that the Davis plant is 4 miles away.

Waste Removal: Assistant Public Works Director Gryczko commented that the City of Davis has completed a Prop 218 process for waste removal. There will be 13%, 10%, 8%, 5%, and 5 % increases respectively over the next 5 years. Organics collections were a significant component of the increased costs. The Council recently adopted the following Street Waste pick up schedule: no summer street pickup, bi-weekly in leaf drop season and 1 more pick up in April until further notice. No specific time frame for this service (in years) was defined. The Council really wants people to get more familiar with using the container. The equipment that Recology uses for Street Waste pickup will need to be replaced in 3 years (\$1m) so 3 year consideration was discussed. State law SB1383 mandates organics pick up in a cart and this applies to the County as well. Gryczko believes the State may no longer allow street waste collection after 5 years or so. Regulation language clarification is being sought by City staff.

Woods thanks Gryczko for his thorough presentation and indicated that he and Committee member Calfee would like to follow up with him and Public Works Director Bob Clarke regarding lower rates for Willowbank, based on the fact that the WCSA receives no benefit from the waste water treatment improvements.

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| | For more information, residents can contact Stan Gryczko at: Stan Gryczko, Assistant Public Works Director, 747-8292 or sgryczko@cityofdavis.org . |
| 8. | <p>Review Status: Willowbank Street Waste Pick up Process M. Kreith</p> <p>In contrast to the City’s waste removal contract with Recology which has another 18 years, according to Kreith, Willowbank’s contract ends next month. The May 1 Ad Hoc Waste Management Advisory Committee’s meeting with Marissa Juhler, Yolo County Waste Reduction and Sustainability Manager was then briefly reviewed by Kreith. Juhler discussed the 5 differing options (frequency, timing and monthly costs) that Recology had informally proposed for Willowbank on the assumption the County signs a 10-year exclusive Yolo County franchise contract with Recology. Juhler is preparing a staff report for June 4 County Board of Supervisors Meeting that will include whether to fine-tune the County options with Recology: reject the informal options and issue an RFP, request short extension of Recology’s current contract for Willowbank. To provide input to her recommendations, a final community survey on the subject was sent out by John Cooluris on behalf of the Ad Hoc Advisory Committee with instruction to be returned by May 27. Kreith noted Cooluris’ survey presented the options (based on the frequency and timing of loose pile pickup and monthly costs for organics cart and loose piles). She mentioned the Ad Hoc Committee considered Option C to be the best option for the neighborhood and Option D as 2nd best option. She also noted Cooluris’ ballot did not mention the \$25.62 monthly cost of mandatory trash and recycling carts.</p> |
| 9. | <p>Budget: The WCSA financial statement, reflecting preliminary quarterly totals through Third Quarter FY18-19, was made available to Committee members and the audience. Woods stated that there is a \$3,580 balance in the WCSA budget as of March 31, 2019, and there were no questions or comments by the the Advisory Committee members or the audience. The report is available on the Yolo County WCSA web site.</p> <p>The County has volunteered to do a demo of its new financing reporting program, OpenGov if the Advisory Committee would find it useful.</p> |
| 10. | <p>Advisory Committee Comments:</p> <p>Corliss: Important thing right now is to fill out the waste survey. At the Advisory Committee’s request, he will ask Cooluris to send out a reminder about the survey.</p> <p>Kreith: Would like the next meeting agenda to include a waste collection update.</p> <p>Woods: Indicated he will suggest changing future meeting dates for the 2020 year to Thursday rather than Wednesday. He also requested the Committee’s approval to contact County Counsel regarding the WCSA water rate matter referred to in Item #7. Approval was unanimous.</p> |
| 11. | <p>Adjournment at 9:18 PM: Next scheduled WCSA Advisory Committee meeting: 17 July 2019; Marguerite Montgomery Elementary School Multipurpose Room</p> |

Yolo Countywide Broadband Efforts

Willowbank CSA

May 15, 2019

Christine Crawford, Executive Officer - Yolo LAFCo

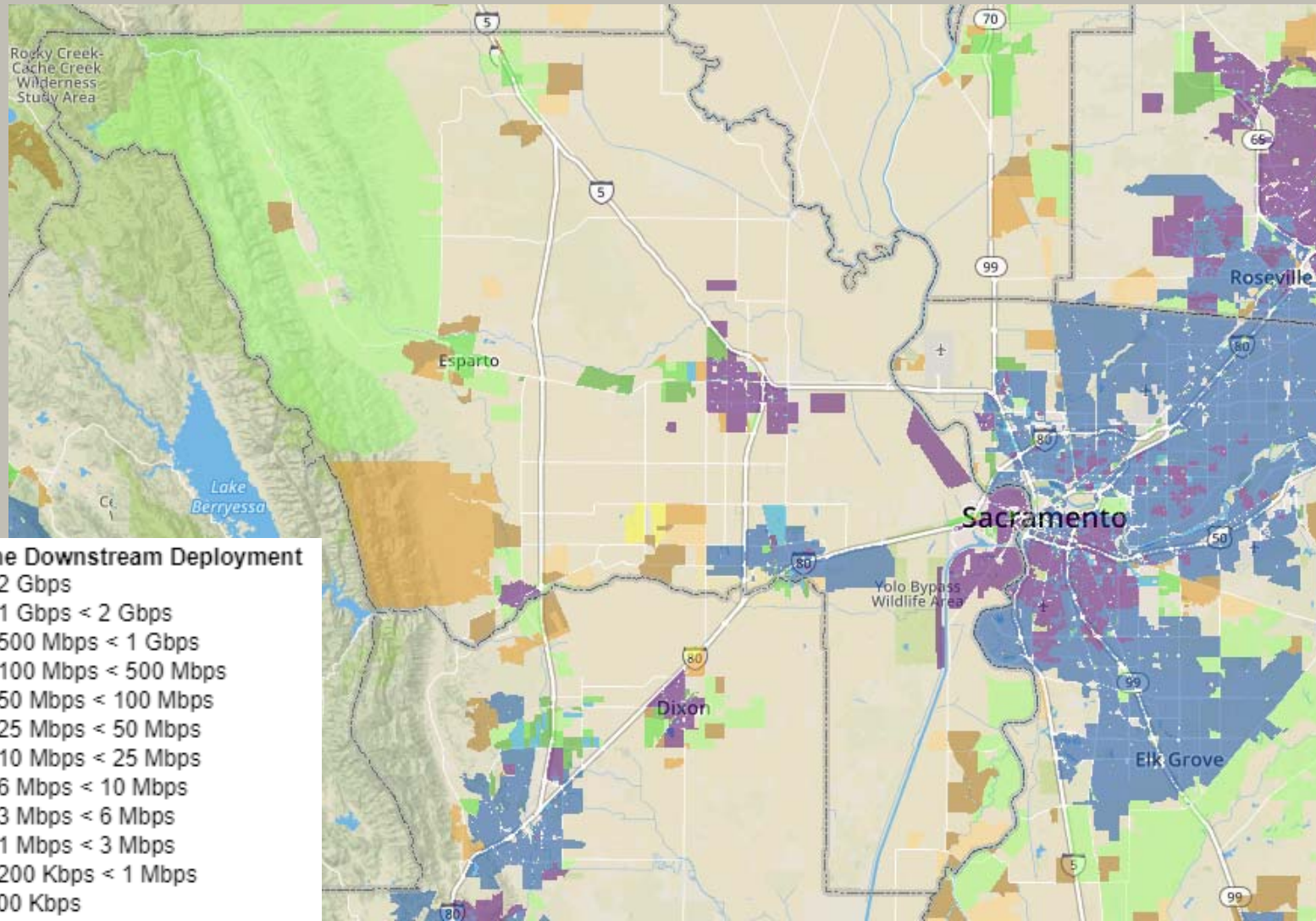
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Current CA Interactive Broadband Map

(Wireline Deployment – 12/31/2017 CPUC data)



2015 Yolo Broadband Strategic Plan (YBSP)

Catalysts

- Lack of market competition driving investment in Yolo
- Missed opportunities (2012 CENIC build through Yolo, Woodland-Davis Water Project, etc.)
- Needed unified effort
- Partners for grant funding
- Frustration re: Broadband Availability Maps
- Collaboration to bring attention to local issues
- Economic Development imperative – both urban and high tech agriculture



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Strategic Plan Goals

- Identify broadband gaps
- Educate the community on broadband
- Positively affect broadband infrastructure and services
- Identify key short, mid and long-term initiatives
- Unified technology polices
- Identify key strategic broadband investments

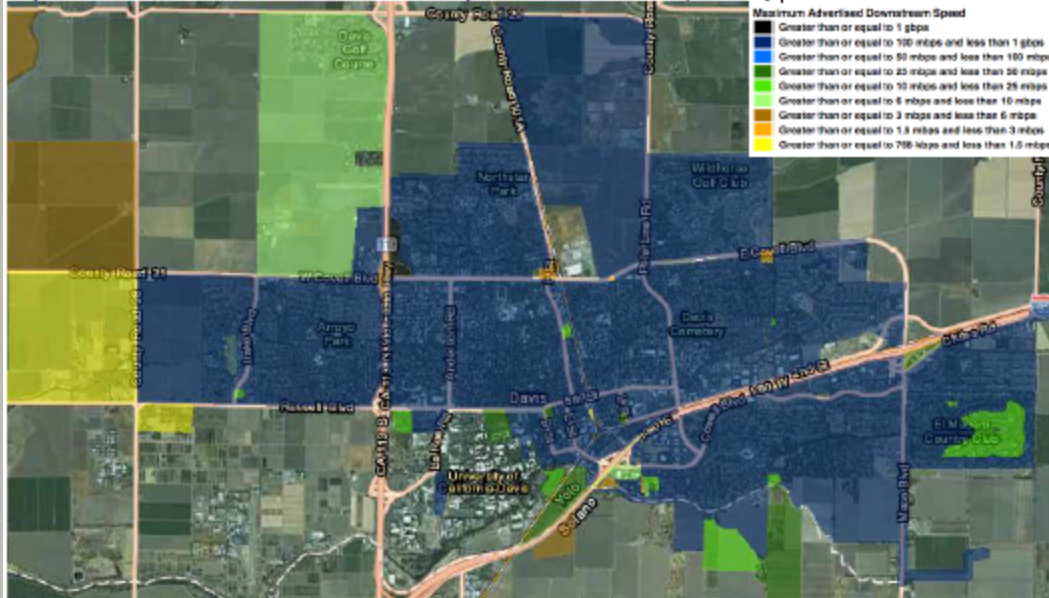


Strategic Plan Tasks

- Community Profiles (i.e. Davis, West Sacramento, Winters, Woodland, and unincorporated areas of Yolo County):
 - Inventory of Existing Broadband Assets
 - Needs Assessment – identify Broadband Gaps
 - Identify Broadband Demand – goals for economic development, agriculture, social justice, etc.
- Validate/Correct CPUC Coverage Map
- Outline and Prioritize Community Strategies including “middle mile” and “last mile” access
- Action Plan and Resources – a “road map” for each community’s next steps for planning, funding, grants



Figure 4.1: Residential Broadband Coverage in Davis (Download Speeds Only)

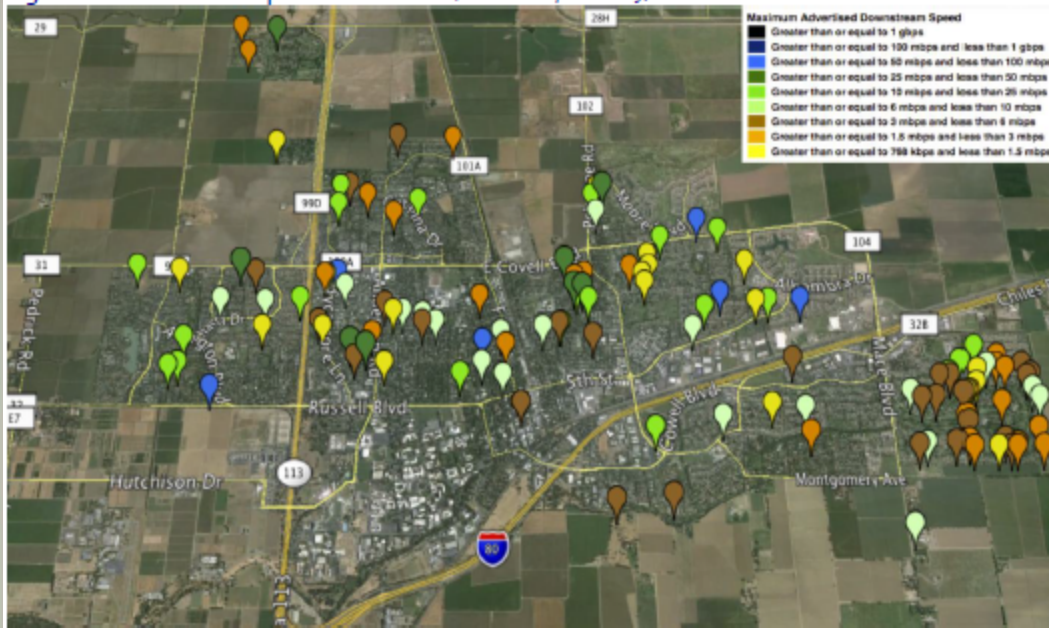


Broadband Speed in City of Davis (from 2015 YBSP)



What providers report

Figure 4.2: Residential Speedtest Results (Download Speeds Only)



Actual speed tests

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Figure 5.1: Residential Wireline Broadband Availability By Speed (Download Speeds)



Figure 5.2: Residential Wireline Speed Test Results (Download Speeds)



Broadband Speed in City of West Sacramento (from 2015 YBSP)



What providers report



Actual speed tests

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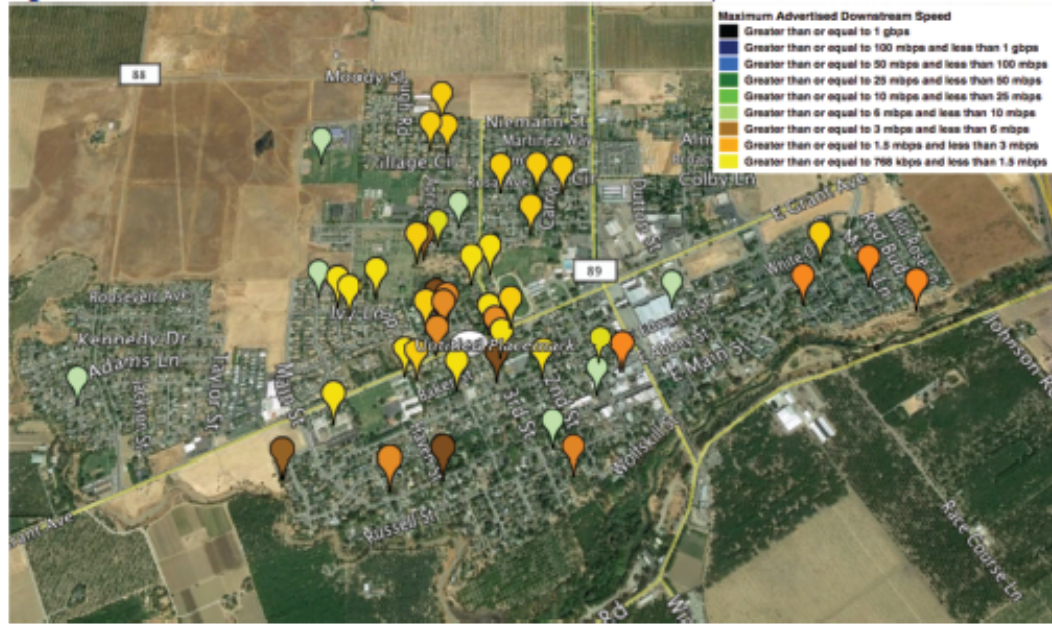


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Figure 7.2: Residential Wireline Broadband Availability By Speed (Download Speeds)



Figure 7.3: Residential Wireline Speed Test Results (Download Speeds)



Broadband Speed in City of Winters (from 2015 YBSP)

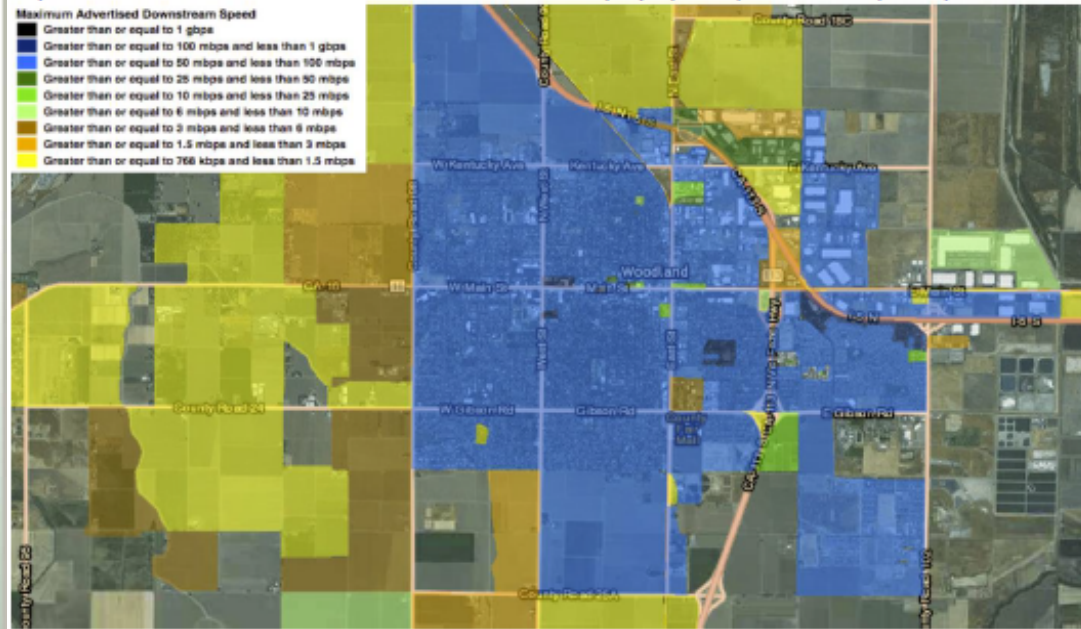


What providers report



Actual speed tests

Figure 6.1: Residential Wireline Broadband Availability By Speed (Download Speeds)

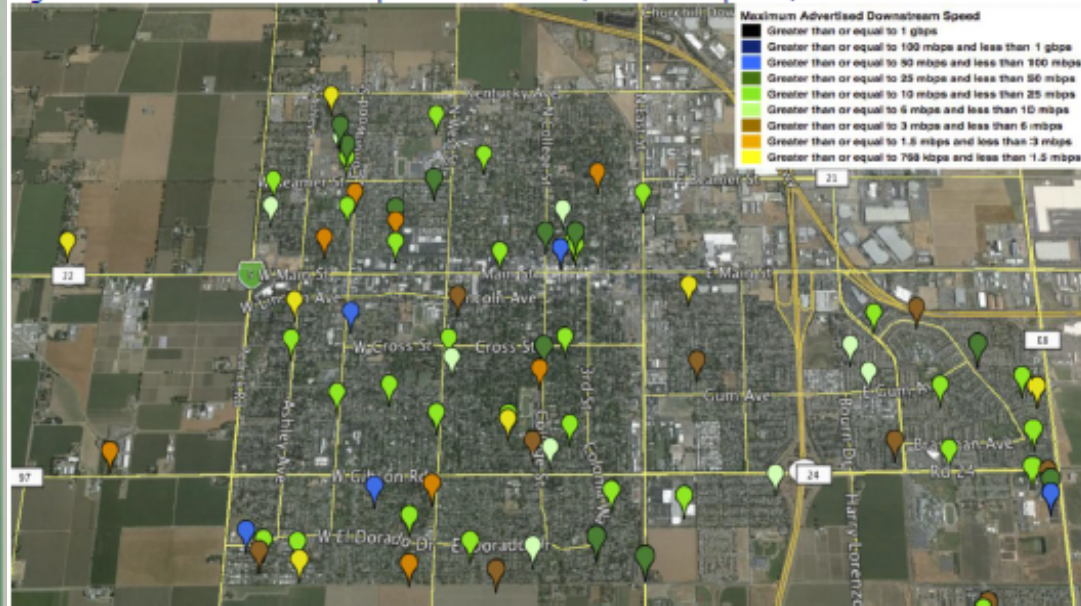


Broadband Speed in City of Woodland (from 2015 YBSP)



What providers report

Figure 6.2: Residential Wireline Speed Test Results (Download Speeds)



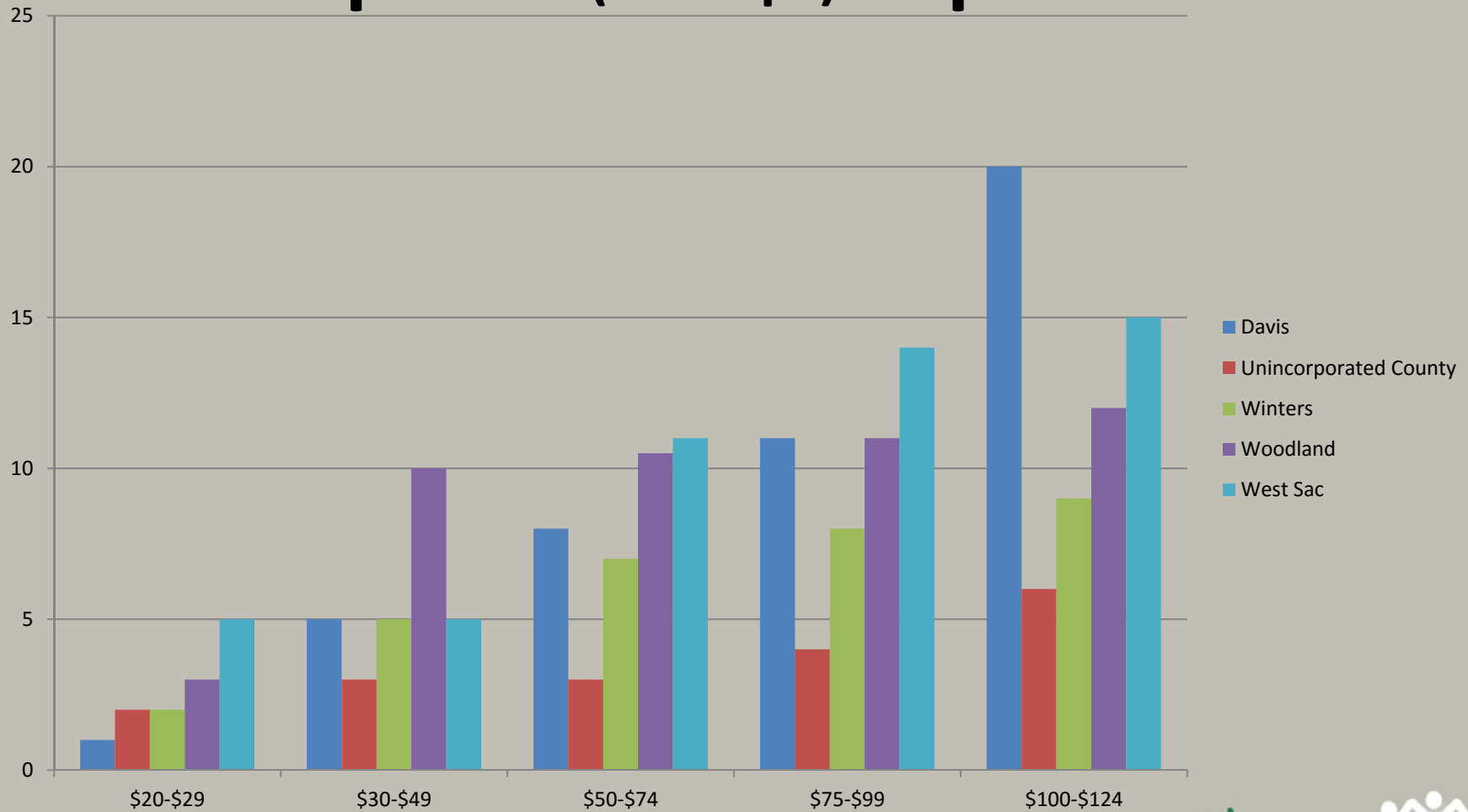
Actual speed tests

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Monthly Cost Versus Speeds (in Mbps) Reported



Source: 2015 Yolo Broadband Strategic Plan (YBSP)

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2015 YBSP Findings

- 1,000+ speed test survey results
- Residential - half of survey results indicate underserved where availability maps show served (includes cities)
- Businesses - larger businesses can pay to get service they need, but small to medium just make due **YET SMALL TO MEDIUM BUSINESSES CREATE 5X MORE JOBS**
- Disparity in service – even in cities **THIS IS NOT JUST A RURAL ISSUE**
- Agriculture industry reports broadband is #1 need



2015 YBSP Positive Outcomes

- Broadband has become a City Council/BOS priority issue
- Staff awareness - cultural shift to plan for broadband as essential public infrastructure
- Agencies will adopt broadband policies into their General Plans to create framework (i.e. impact fees, project conditions, dig once, open trench, engineering standards, etc.)
- CPUC has improved verification of provider data
- State/Federal attention to Yolo issues (but no easy solutions for market gaps)

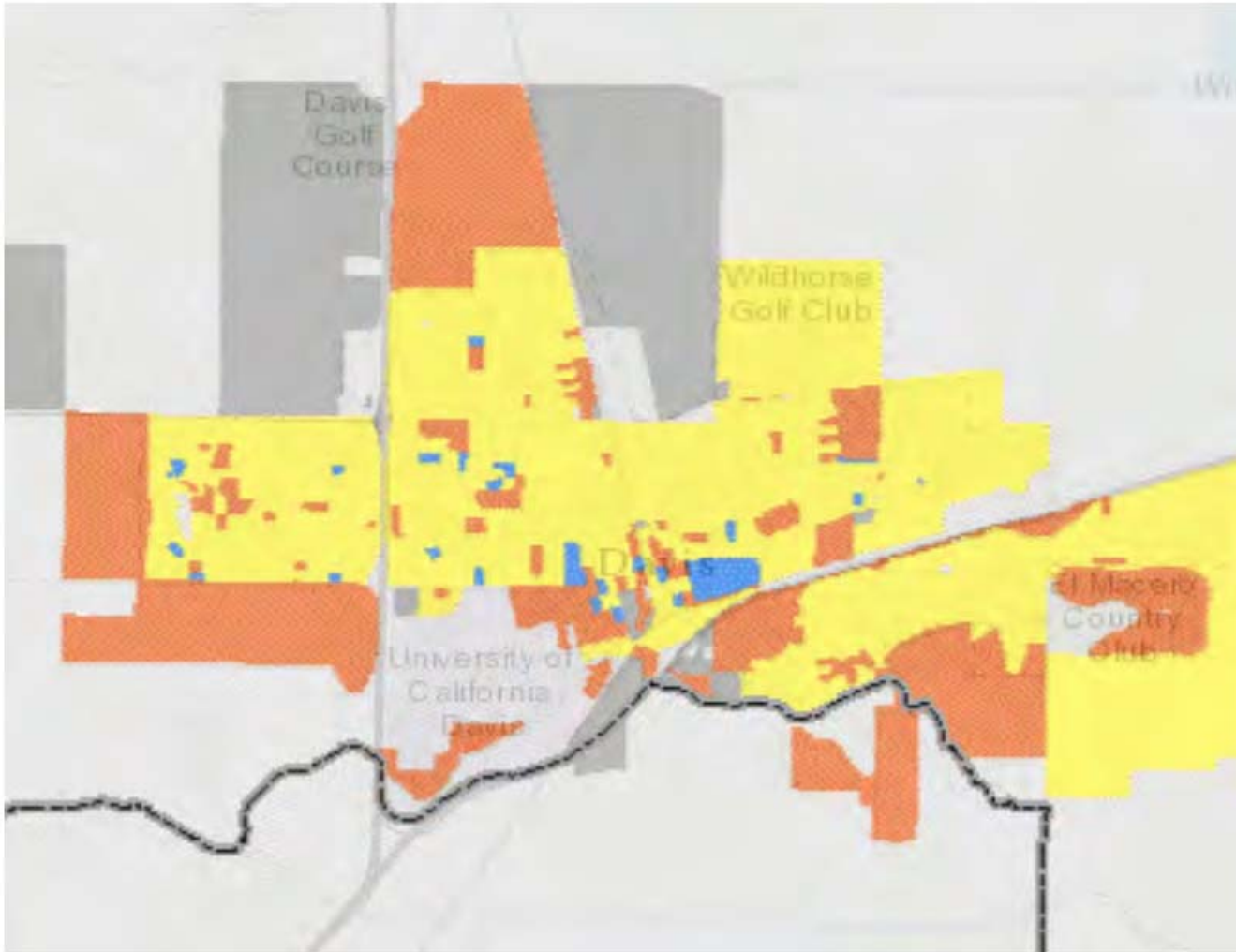


Yolo County preliminary broadband infrastructure assessment

16 March 2017



Contact:
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www.TellusVenture.com



Davis

Average

Overall primary wireline infrastructure grades

- Yolo County as a whole compares well to rural counties.
- Cities compare well to state
- Sacramento County is better because of competition

| Broadband infrastructure grades | | |
|---------------------------------|-------|-----|
| | Grade | GPA |
| Arden-Arcade CDP | A- | 3.7 |
| Elk Grove | B+ | 3.3 |
| Sacramento | C+ | 2.5 |
| Sacramento County (all) | C+ | 2.3 |
| Rancho Cordova | C | 2.0 |
| Woodland | C- | 1.9 |
| Folsom | C- | 1.9 |
| West Sacramento | C- | 1.9 |
| Davis | C- | 1.8 |
| Citrus Heights | C- | 1.8 |
| Galt | C- | 1.7 |
| Yolo County (all) | D+ | 1.3 |
| Winters | D | 1.0 |
| Madison CDP | D- | 0.7 |
| Isleton | F | 0.0 |
| Clarksburg CDP | F | 0.0 |
| Knights Landing CDP | F | 0.0 |



Student outside Yolo Library after hours using wifi to do his homework

City/County Follow Up Efforts

- Davis created a BATF Committee to look at building a municipal network (report to City Council – tent. June)
- Winters is making sure new development is installing fiber
- West Sacramento, Woodland and Yolo County have been leveraging city assets (i.e. conduit) to improve service
- Yolo County worked with Wave Broadband to:
 - Extend fiber to Knights Landing
 - Bring fiber to 180' tower at landfill to (hopefully) lease space to point to point wireless providers

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Learnings So Far

- If the economics “penciled out”, providers would be serving already
- There is no “one size fits all” solution, each community has unique challenges
- Each community needs to figure out if/how it can change the economics such that a provider will serve it



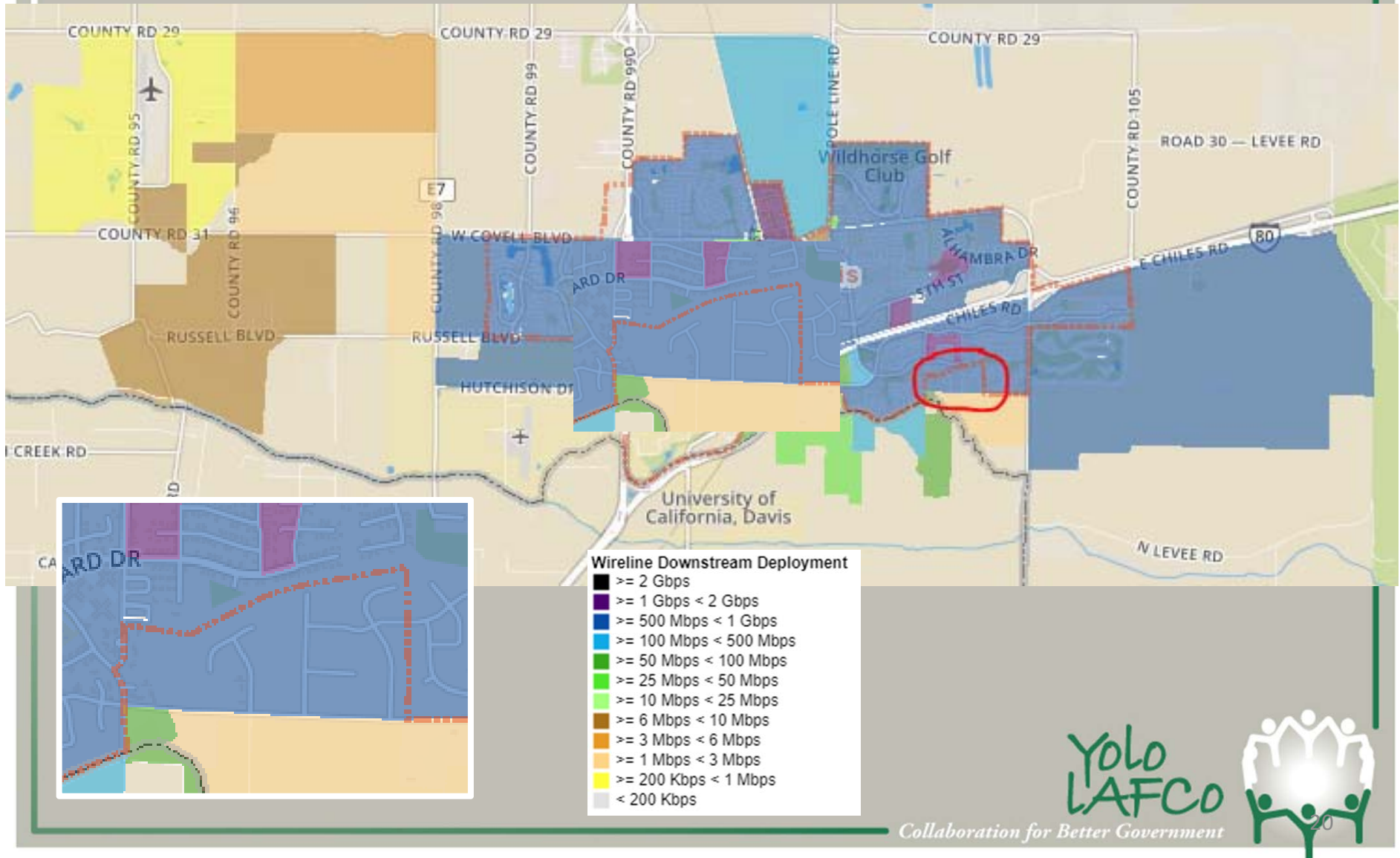
El Macero Comcast Project

- El Macero representatives held meetings with Comcast representatives
- Comcast agreed to build fiber project if residents filled the financing gap (\$110,976)
- Homeowners raised the funds on a voluntary basis and project constructed
- No contract or assurances
- Homeowners provided funds to Comcast but own none of the infrastructure in return
- It took “countless” volunteer hours to make it happen, but it worked!



Current CA Interactive Broadband Map

(Wireline Downstream Deployment – 12/31/2017 CPUC data)



Current Available Broadband Providers in Willowbank

(CA Interactive Broadband Map 2/31/2017 CPUC data)

West of Willowbank Road

| Wireline | Fixed Wireless | Mobile | Boundaries |
|--|----------------|--------|------------|
| Comcast | | | |
| Maximum Advertised Downstream Speed (Mbps): 986.5 | | | |
| Maximum Advertised Upstream Speed (Mbps): 35 | | | |
| Technology Type: Cable Modem DOCSIS 3.1 | | | |
| Contact: http://www.comcast.com | | | |
| AT&T California | | | |
| Maximum Advertised Downstream Speed (Mbps): 75 | | | |
| Maximum Advertised Upstream Speed (Mbps): 20 | | | |
| Technology Type: VDSL | | | |
| Contact: http://www.att.com | | | |
| AT&T California | | | |
| Maximum Advertised Downstream Speed (Mbps): 18 | | | |
| Maximum Advertised Upstream Speed (Mbps): 0.768 | | | |
| Technology Type: ADSL2, ADSL2+ | | | |
| Contact: http://www.att.com | | | |
| AT&T California | | | |
| Maximum Advertised Downstream Speed (Mbps): 0.768 | | | |
| Maximum Advertised Upstream Speed (Mbps): 0.128 | | | |
| Technology Type: Asymmetric xDSL | | | |
| Contact: http://www.att.com | | | |

East of Willowbank Road

| Wireline | Fixed Wireless | Mobile | Boundaries |
|--|----------------|--------|------------|
| Comcast | | | |
| Maximum Advertised Downstream Speed (Mbps): 986.5 | | | |
| Maximum Advertised Upstream Speed (Mbps): 35 | | | |
| Technology Type: Cable Modem DOCSIS 3.1 | | | |
| Contact: http://www.comcast.com | | | |
| AT&T California | | | |
| Maximum Advertised Downstream Speed (Mbps): 0.768 | | | |
| Maximum Advertised Upstream Speed (Mbps): 0.128 | | | |
| Technology Type: ADSL2, ADSL2+ | | | |
| Contact: http://www.att.com | | | |
| AT&T California | | | |
| Maximum Advertised Downstream Speed (Mbps): 0.768 | | | |
| Maximum Advertised Upstream Speed (Mbps): 0.128 | | | |
| Technology Type: Asymmetric xDSL | | | |
| Contact: http://www.att.com | | | |

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Considerations for Willowbank

- Fastest speeds are available with Comcast (must pay more for the faster speed packages)
- The economics will be different today as compared to El Macero, the market is rapidly changing
- According to El Macero representatives, Comcast realized a much higher “take rate”, i.e. subscribers, than originally expected (which means the actual \$ gap was probably less)
- Could Willowbank potentially leverage old water pipes someday as fiber conduit (a significant asset to bring to the negotiation table as conduit is 80-90% of cost)?



Questions/Resources

Christine Crawford christine.crawford@yolocounty.org

The CPUC California Interactive Broadband Map is available at: <http://www.broadbandmap.ca.gov/>

The Yolo Broadband Strategic Plan is available at:
www.yololafco.org

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