



**AMADOR COUNTY TRANSPORTATION AND PUBLIC WORKS
PUBLIC WORKS COMMITTEE
MEETING AGENDA**

Conference Room B

Thursday March 16, 2023

9:00am

(Supervisors Brown and Oneto)

In compliance with the Americans with Disabilities Act, if you are a person with a disability and you need a modification or accommodation to participate in this meeting, please contact the Public Works Department at (209) 223-6429 or (209) 223-6395 (fax). Requests must be made as early as possible, and at least one full business day before the meeting.

CALL TO ORDER

AGENDA: Approval of agenda for this date. Any and all off-agenda items must be approved by the Committee.

PUBLIC MATTERS NOT ON THE AGENDA: Discussion items only, no action to be taken. Any person may address the Committee at this time upon any subject within the jurisdiction of the Public Works Committee; however, any matter that requires action may be referred to staff and/or Committee for a report and recommendation for possible action at a subsequent Committee meeting. Please note – there is a five (5) minute limit per topic.

MINUTES: Approval of minutes from the January 19, 2023 meeting.

ITEMS:

1. Discussion and possible action on Electra Road
2. Discussion and possible action on Shenandoah Road Improvements
3. Discussion on Preliminary FY 23-24 SB1 Allocation
4. Discussion and possible action on Speed Studies
5. Discussion and possible action on Climax Road Weight Restriction

TOPICS FOR NEXT MEETING:

For Discussion

NEXT MEETING:

TBD

ADJOURNMENT:



AMADOR COUNTY TRANSPORTATION AND PUBLIC WORKS PUBLIC WORKS COMMITTEE MEETING MINUTES

MEETING DATE AND TIME:

January 19, 2023, 10:00 am

ATTENDEES:

Supervisor Brown, District 3
Supervisor Oneto, District 5
Richard Vela, Public Works Director
Jack O'Brien, Public Works Superintendent

CALL TO ORDER:

The meeting was called to order by Supervisor Brown.

AGENDA:

The agenda was approved as posted.

PUBLIC MATTERS NOT ON THE AGENDA:

Residents along South Avenue in Jackson appeared before the Committee regarding the maintenance of the drainage system in their neighborhood. Because this area is within the limits of the city of Jackson, the Committee indicated that this issue is not a County issue. Mr. Richard Flores (P.O. Box 2015 Jackson, CA 95642) requested that a letter be produced stating the issue is not a County responsibility. Public Works Director Vela stated that he would produce such a letter.

MINUTES:

Minutes from the June 14, 2022 Committee meeting were approved.

ITEMS:

1. Discussion and possible action on Storm Damage/ Road issues and Funding Availability

Public Works Director Vela provided the Committee with an update of the County's efforts related to the recent storms that hit the area beginning in late December 2022. Roadway repairs have been necessary on Buena Vista Road (Between Lake Camanche Parkway and the county line) and Amador Creek Road. Electra Road is closed to the public due to unstable slopes primarily in the Electra Fire burn scar area. There have not been any sustained road closures. Road have been temporarily closed due to fallen trees and/or temporary flooding. The have been several minor slides and shoulder washouts. Sgt. Bellotti of the County OES has been extremely helpful in working with the Department to secure resources and materials for debris removal/clean up, roadway patching and roadside repairs.

2. Discussion and possible action on Equipment Needs and Funding Availability

Public Works Superintendent O'Brien expressed the need for equipment replacement and/or acquisition, specifically an excavator, a skid steer and sanders. Staff has replaced the pump on the water truck but a second water truck would accommodate increased ditching operations. Public Works Director Vela indicated that specifications need to be developed and in place for the desired equipment acquisitions in order to act quickly when used equipment becomes available. The Committee directed staff to work with the General Services Administration (GSA) to determine what is necessary to be able to pursue used equipment opportunities when they arise.

Public Works Director Vela indicated that \$400,000 in SB1 funds through FY 22-23 has been allocated for vehicle/equipment purchase.

3. Discussion on Shenandoah Road Improvements Project progress

Public Works Director Vela provided the Committee with an update on the Shenandoah Road Improvements project. PS&E is almost complete, with the goal to advertise for bid in February. Construction will need to commence in May in order to meet a mid-August completion date. This item will be discussed at the January 24 Board of Supervisors meeting. Project cost is estimated to be \$3,000,000 for the base bid (3.0 miles) and \$900,000 for the bid alternate work (0.75 miles).

4. Discussion and possible action on Crew Quarters

General discussion occurred pertaining to the proposed crew quarters. Stick construction versus a modular unit was discussed. Approximately \$170,000 has been set aside for this project, however additional funds will be necessary to make this a reality. The Committee requested that the heat/AC issue for the existing quarters be resolved prior to the upcoming summer.

TOPICS FOR NEXT MEETING:

Climax Road weight restriction

NEXT MEETING:

The Committee expressed an interest to meet on a monthly/bi-monthly basis or as needed moving forward. It did not want to meet just for the sake of meeting.

ADJOURNMENT

The meeting was adjourned at 11:50 am.



AMADOR COUNTY COMMUNITY DEVELOPMENT AGENCY
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PUBLIC WORKS COMMITTEE MEETING DATE: March 16, 2023

AGENDA ITEM 1

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Discussion and possible action on Electra Road**

Electra Road is a single lane paved road that runs along the north bank of the Mokelumne River from SR 49 to the PG&E Electra Powerhouse. The County accepted Electra Road from PG&E into its road system in 1940. Our maintained mileage list shows the length of the road to be approximately 3.09 miles (16,315 feet) and the average pavement width is 13 feet. Currently, there are two residences that access Electra Road, both within the first mile of the road from SR 49. There is a day use camping area approximately 2.85 miles in from SR 49.

The Electra Powerhouse is an important component to the PG&E infrastructure. It is capable of producing 100MW (1MW powers approximately 500 to 700 homes/businesses). The Electra Powerhouse has 2 distribution circuits that feed Amador and Calaveras Counties, serving approximately 3800 customers, and has 2 transmission circuits that feed to Bellota Substation (located in San Joaquin County near Peters) serving 60,000 to 80,000 customers. Access to the powerhouse is critical to PG&E.

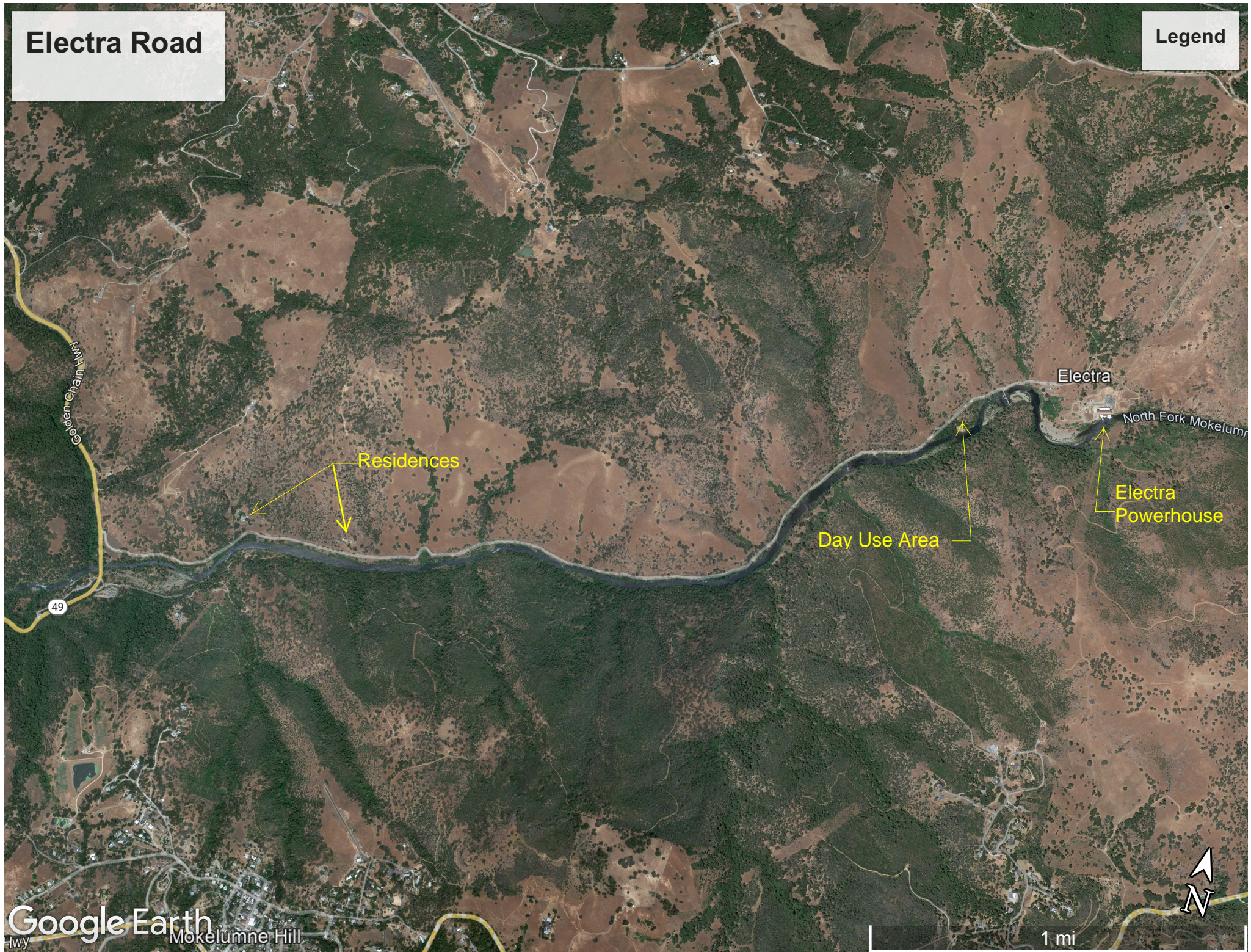
Access to the powerhouse also plays a critical role in PG&E's dam safety response. Lake Tabeaud is a High Hazard dam and PG&E monitors this facility 24/7 and uses the Electra Powerhouse as the sole method to evacuate water via an emergency. Having access to Electra Powerhouse is a key component as part of PG&E's emergency plan.

During the severe storm event in January 2023, there were numerous mud/rock slides that blocked Electra Road and clogged culverts along the road. The County had a difficult time maintaining this road to be open while dealing with the multitude of storm related issues throughout the county. PG&E, acknowledging the challenges the County had at this time, graciously assisted the County by employing equipment and clearing the road as necessary to ensure its ability to access the powerhouse.

Because of the need to maintain access to the Electra Powerhouse at all times, PG&E is expressing interest in discussing maintenance and/or ownership of Electra Road. Staff has reached out to County Counsel regarding procedures on vacation and will have information to share at the meeting.

Electra Road

Legend



49

Golden Chain

Residences

Day Use Area

Electra Powerhouse

Electra

North Fork Mokelumne

Google Earth

Mokelumne Hill

1 mi





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PUBLIC WORKS COMMITTEE MEETING DATE: March 16, 2023

AGENDA ITEM 2

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Discussion and possible action on Shenandoah Road Improvements**

At its March 22, 2022 meeting the Board of Supervisors (BOS) provided staff with direction to proceed with improvements to Shenandoah Road, specifically the section of road from approximately .5 mile past the Fiddletown Road intersection to just past the lower Steiner Road intersection, a length of approximately 3.75 miles. It was discussed the county could include the entire 3.75 miles in the base bid for the project. Alternately, the county could include first 3.0 miles in the base bid and have the final 0.75 miles as bid alternate. In this case, if the prices were not low, the base bid could be awarded. If favorable pricing was obtained, the bid alternate could be awarded in addition to the base bid. The BOS provided direction to staff for the 3.0 mile base bid with the 0.75 mile bid alternate.

The Department has received bids for ITB 23-04, Shenandoah Road Rehabilitation Project. The Department received six (6) bids ranging from \$1,984,742.70 to \$2,615,460.00 for the base bid, with the apparent low bid submitted by Doug Veerkamp. The bid alternate submitted by Doug Veerkamp is in the amount of \$591,231.20

Project Funding

Initial funding for the project comes from the PG&E Role 20 proceeds of the initial amount of \$1,909,688. In June, 2022, the County, through an engineering task order, entered into contract with Bennett Engineering in the amount of \$89,331 for deliverables consisting of a memorandum for reasonable alternatives, plans, specifications, and estimate for the base bid and bid alternate. Estimating staff costs for the project to be approximately \$40,000, this leaves a balance of approximately \$1,780,357 available for construction.

The County received \$200,000 of CRRSAA (Coronavirus Response and Relief Supplemental Appropriations Act of 2021) funds from the Amador County Transportation Commission (ACTC) to be used for the Shenandoah Road Improvements.

These two funding sources for construction total \$1,980,357.

Fiscal year 2023-24 SB1 funds will need to be allocated for this project. To meet the apparent low base bid of \$1,984,742.70, approximately \$4,385.70 of SB1 funds will need to be allocated to the project. To fund the alternate bid, an additional \$595,231.20 of SB1 funds is needed.

Recommendation / Award of Contract

The award of a public works contract must be in accordance with Public Contract Code (PCC) section 20103.8 (attached). At the January 24, 2023 Board of Supervisors meeting, it was recommended that the County set a limit of \$3,000,000 for the project. Awarding of the contract to be made per PCC section 20103.8, subdivision (a). Under this scenario, the award of the contract will be based on the total price of the base bid, without consideration of the price on the alternate bid. After determination of the low bidder, award in the best interest of the County may be made to that bidder on its base bid and any portion of the alternative bid for which funds are determined to be available at the County's sole discretion.

It is recommended that the County accept the apparent low bid of \$1,984,742.70 and the bid alternate of \$591,231.20 for a total of \$2,579,973.90. Funding is proposed as follows:

\$1,780,357	Estimated PG&E Rule 20 Proceeds
\$ 200,000	CRRSAA Funds from ACTC
<u>\$ 599,617</u>	<u>FY 23-24 SB1</u>
\$2,579,974	Base Bid plus Bid Alternate

The award of bid for ITB 23-04 is scheduled to go before the Board of Supervisors at its March 28, 2023 meeting.

Code: Section: [Up^](#) [Add To My Favorites](#)**PUBLIC CONTRACT CODE - PCC****DIVISION 2. GENERAL PROVISIONS [1100 - 22355]** (*Division 2 enacted by Stats. 1981, Ch. 306.*)**PART 3. CONTRACTING BY LOCAL AGENCIES [20100 - 22178]** (*Part 3 added by Stats. 1982, Ch. 465, Sec. 11.*)**CHAPTER 1. Local Agency Public Construction Act [20100 - 20929]** (*Chapter 1 added by Stats. 1982, Ch. 465, Sec. 11.*)**ARTICLE 1.3. Award of Contracts [20103.8- 20103.8.]** (*Article 1.3 added by Stats. 2000, Ch. 292, Sec. 4.*)

20103.8. A local agency may require a bid for a public works contract to include prices for items that may be added to, or deducted from, the scope of work in the contract for which the bid is being submitted. Whenever additive or deductive items are included in a bid, the bid solicitation shall specify which one of the following methods will be used to determine the lowest bid. In the absence of a specification, only the method provided by subdivision (a) will be used:

- (a) The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.
- (b) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that were specifically identified in the bid solicitation as being used for the purpose of determining the lowest bid price.
- (c) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that when taken in order from a specifically identified list of those items in the solicitation, and added to, or subtracted from, the base contract, are less than, or equal to, a funding amount publicly disclosed by the local agency before the first bid is opened.
- (d) The lowest bid shall be determined in a manner that prevents any information that would identify any of the bidders or proposed subcontractors or suppliers from being revealed to the public entity before the ranking of all bidders from lowest to highest has been determined.

A responsible bidder who submitted the lowest bid as determined by this section shall be awarded the contract, if it is awarded. This section does not preclude the local agency from adding to or deducting from the contract any of the additive or deductive items after the lowest responsible bidder has been determined.

- (e) Nothing in this section shall preclude the prequalification of subcontractors.

(Amended by Stats. 2003, Ch. 62, Sec. 243. Effective January 1, 2004.)



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PUBLIC WORKS COMMITTEE MEETING DATE: March 16, 2023

AGENDA ITEM 3

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Discussion on Preliminary FY 23-24 SB1 Allocation**

A preliminary look at the projected revenues and project expenditures for FY 23-24 SB1, based on FY 22-23 SB1 allocation, is as follows:

Fiscal Year 23-24 SB 1 Projected Revenues:

1. \$ 2,363,800 = Road Maintenance & Rehabilitation Account (RMRA)

Fiscal Year 23-24 SB 1 Preliminary Project Expenditure List Breakdown

1. 23-24 County Road Dig-outs/Major Repairs/Improvements \$550,000
2. 23-24 Striping - Select roads (year 3 of 4 year program) \$350,000
3. 23-24 Culverts - Replacement/Install \$400,000
4. 23-24 Crack Filling \$50,000
5. 23-24 Pavement Management System Update \$200,000
6. 23-24 Minor Repairs/Materials (HMA patching/potholes, rock, guardrail) \$363,800
7. 23-24 Roadside Maintenance (brushing, ditching, shouldering, other) \$350,000
8. 23-24 Set-Aside for Equipment and Tools Replacement \$100,000.00

If \$600,000 of FY 23-24 SB1 revenues are allocated to the Shenandoah Road improvements project, then the preliminary project expenditure list will need to be adjusted by the same amount. The following adjustments are recommended:

Delete:

2. 23-24 Striping - Select roads (year 3 of 4 year program) \$350,000
Subtotal: \$350,000

Reduce:

1. 23-24 County Road Dig-outs/Major Repairs/Improvements \$550,000 to \$300,000
 3. 23-24 Culverts - Replacement/Install \$400,000 to \$300,000
Subtotal: \$250,000
- Total: \$600,000



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PUBLIC WORKS COMMITTEE MEETING DATE: March 16, 2023

AGENDA ITEM 4

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Discussion and possible action on Speed Studies**

It is time for the County to conduct an Engineering and Traffic Survey to verify and/or set speed limits on County roads. The following locations have surveys that expire in 2023 (speed limit by ordinance shown in parentheses):

- Buckhorn Ridge Road: Pioneer Creek Road to SR 88 (35 mph)
- Clinton Road: Butte Mountain Road (west) to Irish Town Road (50 mph)
- Ridge Road: Dapple Drive to SR 88 (35 mph)
- Willow Creek Road: SR 16 to SR 124 (45 mph)
- Village Drive: Goose Creek Road to Curran Road (45 mph)

I have reached out to CHP to see if they know of areas where the establishment of speed limits would help in traffic safety. The speed complaint areas they experience are:

- Meadow Drive: SR 88 to Creekside Drive (25 mph)
- Silver Drive: SR 88 to Cedar Heights-It has been a couple years since a complaint (25 mph)
- Tabeaud Road: SR 88 to Clinton Bar Road-mainly in the 35 mph zone (40 mph to 25 mph to 35 mph)

Having reached out to the Supervisors, I have received the following suggestions:

- Meadow Drive (25 mph)
- Silver Drive (25 mph posted only)
- Barton Road
- Old SR 49 from Sutter Creek to Amador City (45 mph and 55 mph by Caltrans)

The Engineering and Traffic Survey (Survey) is intended to be the basis for the establishment, revision, and enforcement of speed limits for selected roads within Amador County. Surveys are required by the State of California to establish intermediate speed limits on local roads and to enforce those limits using radar or other speed measuring devices. These surveys must be updated every 5 or 7 years to ensure the speeds reflect current conditions as dictated by the California Vehicle Code (CVC). The CVC also requires that the surveys be conducted based on the methodology required by the California Manual on Uniform Traffic Control Devices (California MUTCD) dated November 2014.

Surveys are needed for the proper posting of speed limits and to enable the California Highway Patrol (CHP) to utilize radar or other electronic speed measuring devices for speed enforcement. CVC Sections 40801 and 40802 require Engineering and Traffic Surveys that verify the prima facie speed limit before enforcement by such a device is legal. The law further specifies that these surveys be conducted every 5 years. The surveys can be extended to 7 years provided the CHP officer(s) have completed a 24-hour radar operator course [CVC 40802(c)(2)(B)(i)(I)]. Additionally, some surveys may be extended to 10 years if a traffic engineer certifies that no changes in roadway or traffic conditions have occurred [CVC 40802(c)(2)(B)(i)(II)]. These provisions assure that posted speed limits are kept reasonably current.



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PUBLIC WORKS COMMITTEE MEETING DATE: March 16, 2023

AGENDA ITEM 5

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Discussion and possible action on Climax Road Weight Restriction**

Currently, there is not a weight restriction on Climax Road. It is designated as a truck route connecting to Ridge Road as the upper portion of Ridge Road from Climax Road to SR 88 is weight restricted. The weight restriction on upper Ridge Road is per Section 10.24.060 of the County Code.

10.24.060 Certain county roads--Twenty thousand-pound limit for vehicles and loads.

No person shall operate a motor vehicle or other vehicle or other object or contrivance on or over the following described roads when the weight of the vehicle, or vehicle and load on the vehicle, exceeds a total of twenty thousand pounds:

- A. That portion of the Pine Grove-Volcano County Road between the intersection of the county road with State Highway No. 88 and the intersection of the county road with State Highway 88 and the intersection of the county road with Volcano-Pioneer County Road;
- B. That portion of County Road No. 246 from County Road No. 244 (Bear River Road) to County Road No. 8060;
- C. Pioneer Buckhorn Road, being more particularly Amador County Road No. 236, or Pioneer Creek Road, being more particularly Amador County Road No. 110;
- D. That portion of Ridge Road No. 22 from its intersection with Climax Road No. 2 east to the Ridge Road's intersection with State Highway No. 88;
- E. Charleston Volcano Road from Shake Ridge Road to the stop sign in the town of Volcano;
- F. Stony Creek Road from Lancha Plana Road to Highway 88;
- G. Carbondale Road from State Route 16 to the Lone Michigan Bar Road;
- H. County Road No. 34, Old Sutter Creek-Amador City Road, from its intersection with the city limits of Amador City south to the intersection of the county road with the city limits of the City of Sutter Creek. (Ord. 999 §1, 2, 1984; Ord. 658 §1, 1978; Ord. 634 §1, 1978; Ord. 492 §1, 1973; Ord. 459A §1, 1972; Ord. 440 §2, 1971).

10.24.070 Exceptions to Section [10.24.060](#).

Section [10.24.060](#) shall not be effective with respect to any vehicle which is subject to the provisions of Article 2 (commencing at Section [1031](#) of Chapter 5 of Part 1 of Division 1 of the Public Utilities Code; any commercial vehicle coming from an unrestricted highway having ingress and egress by direct route to and from the restricted highway when necessary for the purpose of making pickups or deliveries of goods, wares and merchandise from or to any building or structure located on the restricted highway or for the purpose of delivering materials to be used in the actual and bona fide repair, alteration, remodeling or construction of any building or structure upon the restricted highway for which a building permit has previously been obtained; the operation of ambulances or hearses; any vehicle owned, operated, controlled or used by a public utility in connection with the construction, installation, operation, maintenance or repair of any public utility facilities; or vehicles operated as an incident to any industrial, commercial or agricultural enterprise conducted within the boundaries of the unincorporated residential subdivision area. (Ord. 492 §2, 1972; Ord. 459A §2, 1972; Ord. 440 §3, 1971).

There is a concern that Climax Road is a winding road and is not the most appropriate road for truck traffic. However, with the ability of Ridge Road to handle truck traffic from SR 49 in Sutter Hill to Climax Road, there needs to be connection to SR 88. If a weight restriction was placed on Climax Road, there would be no connectivity.