



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

Conference Room B

Friday October 4, 2024

8:00am

(Supervisors Crew 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 May 3, 2024 meeting.

ITEMS:

1. Discussion and possible action regarding Huot Road Bridge
2. Discussion and possible action regarding Vehicle and Equipment Acquisition
3. Status of Ongoing Road Projects
4. Discussion and possible action regarding future Public Works Improvements

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:

May 3, 2024, 9:00 AM

ATTENDEES:

Supervisor Crew, District 1 (via Zoom)
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 Oneto.

AGENDA:

The agenda was approved as posted.

PUBLIC MATTERS NOT ON THE AGENDA:

None.

MINUTES:

Minutes from the February 15, 2024 Committee meeting were approved.

ITEMS:

1. Discussion and possible action regarding FY 24-25 Budget Unit 3000, Public Works

The Committee reviewed and discussed the proposed FY 24-25 budget for Unit 3000, Public Works. The significant difference in the FY 24-25 budget from the FY 23-24 budget is the proposed addition of two public works maintenance workers to be funded through an increase in the general fund obligation (maintenance of effort) beginning in FY 2024-25 and every year moving forward. In 2012, the County employed 18 public works crew members, including lead workers but excluding shop personnel. By 2020, that number dwindled to 12. The Committee expressed support of the proposal to add two public works maintenance workers but also acknowledged the challenges in funding the positions in the FY 24-25 general fund budget. The Committee acknowledged that this is a discussion for the full Board.

After discussion, the Committee recommended approval of the FY 24-25 budget as presented.

2. Discussion and possible action regarding Title 13, Advanced Clean Fleets

The Committee discussed the Advanced Clean Fleets (ACF) Regulation administered by the California Air Resources Board (CARB) requiring the large scale transition to zero emission medium- and heavy-duty trucks (defined as having a gross vehicle weight rating (GVWR) over 8,500 pounds. For reference, this includes trucks equivalent to a Ford F-250 or greater. This regulation helps to insure that zero emission vehicles (ZEV) are brought to market.

The Public Works Department currently has 28 vehicles that, when replaced, will fall under this regulation. Twenty-two of these vehicles are owned by Public Works, six are owned by GSA and leased to Public Works. Of the 22 vehicles owned by Public Works, all but one is at least 16 years old, fourteen are 20 years or older and 12 are year 2000 or older. Many of these vehicles are challenged to meet emission standards, even when modified.

As many of these vehicles are in need of replacement, one strategy to follow is to replace these vehicles prior to January 2027. The vehicles that can be classified as intermittent snow removal vehicles (16 total) would have a target replacement date of January 2030. Once the replacements are in the fleet, they can be operated as long as we want as there is no requirement to remove or retire the vehicles. This will help alleviate the need for ZEV charging/fueling infrastructure at this time. The Committee expressed support for this approach to the vehicle replacement, being proactive rather than reactive.

3. Discussion and possible action regarding FY 24-25 SB1 Projects

The Committee reviewed and discussed the proposed FY 24-25 SB1 project expenditures. Public Works Director Vela expressed that the proposed expenditure list differs from those in the past with the proposed set aside for medium-and heavy-duty vehicles to replace aging vehicles prior to the California mandated ZEV purchase requirements for fleets beginning January 1, 2027. While the Committee expressed concern of not allocating funds for road improvements, it acknowledged the need to replace the medium- and heavy-duty vehicles. In looking at the proposed striping list, it was thought the list could be reduced somewhat, with the goal of getting the necessary work completed with an expenditure of \$200,000, a reduction of \$200,000 from the original amount of \$400,000. The \$200,000 would then be added to the proposed \$600,000 set aside for medium-and heavy-duty vehicles for a total of \$800,000.

After discussion, the Committee recommended approval of the proposed FY 24-25 SB1 expenditures as modified.

Note: at this time, Supervisor Crew left the meeting.

4. Discussion and possible action regarding Engineering and Traffic Surveys

The Committee discussed the engineering and traffic surveys performed by the consultant, Willdan Engineering on the following road segments:

- Buckhorn Ridge Road (Pioneer Creek Road to SR 88)
- Clinton Road (Butte Mountain Road (west) to Irish Town Road)
- Kennedy Flat Road (Argonaut Lane to SR 88)
- Meadow Drive (SR 88 to Creekside Drive)
- New Chicago Road/Main Street in Drytown (SR 49 to top of hill)
- Old SR 49 (Sutter Creek city limits to Amador City city limits)
- Ridge Road (SR 88 to Dapple Drive)

- Silver Drive (SR 88 to Cedar Heights Drive)
- Tabeaud Road (SR 88 to Clinton Bar Road)
- Village Drive (Goose Creek Road to Curran Road)
- Willow Creek Road (SR 124 to SR 16)

as presented in the April 2024 draft report by the consultant. Recommendations of speeds limits for each of the road segments was made in the consultant's report. It is the wish of the Committee that the recommendations for speed limits be brought to the Board of Supervisors for consideration and/or adoption.

5. Discussion and possible action regarding Huot Road Bridge

The Committee discussed the proposed repair of the Huot Road bridge. In September 2023, an inspection of the Huot Road bridge over Willow Springs Creek resulted in the discovery of a failed wooden girder and dry rot in another wooden girder. This led to the closure of the bridge. In addition, the abutments are scoured and the roadway is settling behind the west abutment. The cost to perform the scour/abutment repair, the west approach repair and the superstructure (wooden bridge deck) replacement is estimated to be \$70,000 to \$80,000. Funding for this work exists in the RSTP funded project for bridge inspection, training and repair (budget expenditure line 52300) The Committee floated the idea of using a railroad flatcar for the superstructure replacement. The question of whether the bridge should be replaced was brought up since this Huot Road is a low traffic volume road serving only a few parcels and it does connect to Willow Creek Road. The Committee gave direction to query the residents of the road to see if there is any interest in having the bridge replaced.

TOPICS FOR NEXT MEETING:

TBD

NEXT MEETING:

TBD

ADJOURNMENT

The meeting was adjourned at 10:06 am.



AMADOR COUNTY COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION & PUBLIC WORKS

PHONE: (209) 223-6429

FAX: (209) 223-6395

WEBSITE: www.amadorgov.org

EMAIL: PublicWorks@amadorgov.org

COUNTY ADMINISTRATION CENTER • 810 COURT STREET • JACKSON, CA 95642-2132

PUBLIC WORKS COMMITTEE MEETING DATE: October 4, 2024

AGENDA ITEM 1

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Discussion and possible action regarding Huot Road Bridge**

In September 2023, an inspection of the Huot Road bridge over Willow Springs Creek resulted in the discovery of a failed wooden girder and dry rot in another wooden girder. This led to the closure of the bridge. In addition, the abutments are scoured and the roadway is settling behind the west abutment. The cost to perform the scour/abutment repair, the west approach repair and the superstructure (wooden bridge deck) replacement is estimated to be \$130,000. Funding for this work exists in the RSTP funded project for bridge inspection, training and repair (budget expenditure line 52300).

Huot Road is classified as a local road of approximately 0.8 miles in length from Carbondale Road at its west terminus to Willow Creek Road at its east terminus. The road is single lane in width and is paved on its westerly .08 mile and is gravel for the remainder of its length. The bridge is located approximately 400 feet east of the Huot Road intersection with Carbondale Road. The road consists of a single lane of 10 feet paved width and minimal shoulder width at the bridge location. The average daily traffic count is approximately 30 vehicles per day.

Staff is looking for direction from the Committee regarding whether to proceed with the repair of the bridge substructure and replacement of the bridge superstructure. It would be most prudent for County forces to make the scour/abutment repairs while the other repairs could be performed either by county forces or through contract.


At its May 3, 2024 meeting, the Committee discussed the proposed repair of the Huot Road bridge. The Committee floated the idea of using a railroad flatcar for the superstructure replacement. The question of whether the bridge should be replaced was brought up since this Huot Road is a low traffic volume road serving only a few parcels and it does connect to Willow Creek Road. The Committee gave direction to query the residents of the road to see if there is any interest in having the bridge replaced.

In August, letters were sent to the property owners along Huot Road requesting feedback on whether the Huot Road bridge should be restored to a safe operating condition. Five responses representing four properties were received. Attached is an area map, assessor's parcel map of property owners along Huot Road, the letter sent to the property owners and the responses received. Also attached is the engineer's estimate for the bridge repair.

Staff is requesting direction on the restoration of the Huot Road bridge to a safe operating condition.

Huot Road Bridge

Legend

 Huot Road Bridge



Google Earth

Image © 2024 Airbus

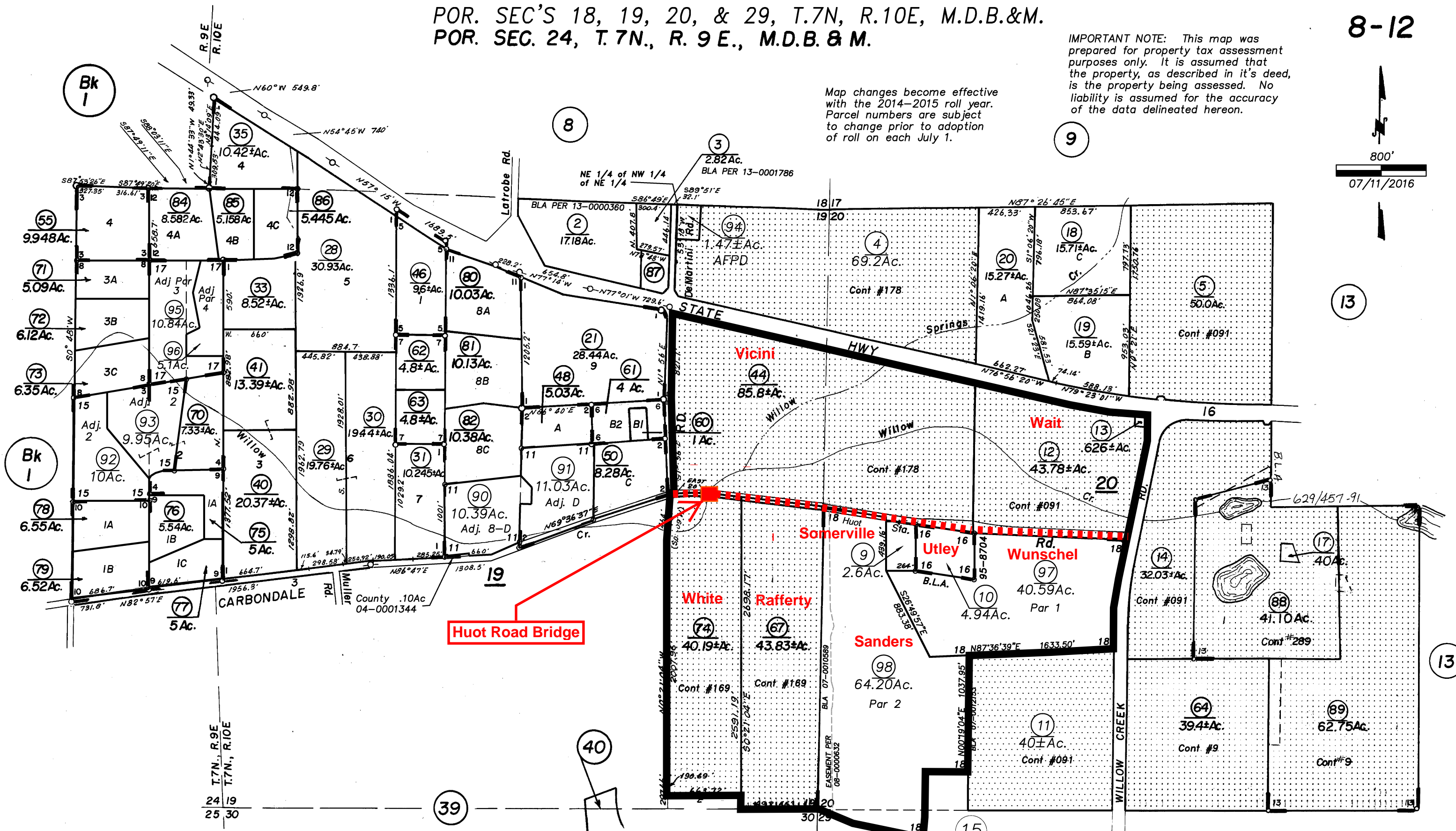
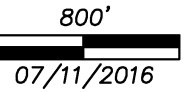
1000 ft



POR. SEC'S 18, 19, 20, & 29, T.7N, R.10E, M.D.B.&M.
 POR. SEC. 24, T.7N., R. 9 E., M.D.B. & M.

IMPORTANT NOTE: This map was prepared for property tax assessment purposes only. It is assumed that the property, as described in it's deed, is the property being assessed. No liability is assumed for the accuracy of the data delineated hereon.

Map changes become effective with the 2014-2015 roll year. Parcel numbers are subject to change prior to adoption of roll on each July 1.



- R.M. Bk. 17, Pg. 2
- 1- R.M. Bk. 14, Pg. 6
- 2- R.M. Bk. 20, Pg. 1
- 3- R.M. Bk. 21, Pg. 55
- 4- R.M. Bk. 21, Pg. 56

- 5- R.M. Bk. 21, Pg. 88
- 6- R.M. Bk. 23, Pg. 8
- 7- R.M. Bk. 23, Pg. 30
- 8- R.M. Bk. 25, Pg. 41
- R.M. Bk. 25, Pg. 63

- 9- R.M. Bk. 25, Pg. 64
- 10- R.M. Bk. 25, Pg. 73
- 11- R.M. Bk. 26, Pg. 31
- 12- R.M. Bk. 27, Pg. 17
- 13- R.M. Bk. 45, Pg. 36 (2/13/90)

- 14- R.M. Bk. 47, Pg. 24 (12/17/93)
- 15- R.M. Bk. 47, Pg. 62 (6/29/94)
- 16- R.M. Bk. 49, Pg. 44 (11/17/95)
- 17- R.M. Bk. 54, Pg. 80 (6/21/2002)
- 18- R.M. Bk. 60, Pg. 44 (1/29/2008)

Assessor's Map Bk. 8, Pg. 12
 County of Amador, Calif.

August 16, 2024

Name
Street
City, State, Zip

RE: Huot Road Bridge

Dear XXXXXXXX,

The bridge at the west end of Huot Road has been closed due to a failing wood bridge deck. Additional analysis of the structure by bridge engineers has revealed deficiencies in the bridge abutments that need attention. The cost to repair the bridge abutments and install a new wooden bridge deck is estimated at \$130,000.

As the Department is weighing its options on whether to restore the bridge to a safe operating condition, we are reaching out to the property owners in the area to gather their thoughts on whether the bridge should be restored to a safe operating condition. Perhaps the bridge being closed has reduced the amount of unwanted traffic on Huot Road without significantly impacting access to properties. The Department is not aware of any issues with refuse collection, product deliveries or school bus routes. As a property owner, your feedback will provide the Department with a sense of need for the bridge restoration.

Feedback can be conveyed either by letter to the address provided above or by email at publicworks@amadorgov.org. Please use "Huot Road Bridge" in the subject line of your correspondence. Please provide such feedback by Friday September 6, 2024.

If you have any questions, you can contact the Department at 209-223-6429 ext 0 or at publicworks@amadorgov.org.

Sincerely,

Transportation and Public Works
Amador County

**Public Works** <publicworks@amadorgov.org>

Huot Road Bridge

1 message

kathleen utley <utleykt@gmail.com>
To: PublicWorks@amadorgov.org

Sun, Aug 18, 2024 at 9:11 AM

Good Morning,

We received the letter requesting input on the decision of whether to restore the bridge to safe operating condition?

We are not affected by the closure of the bridge and have really enjoyed the reduction in vehicles and dust that the temporary closure has produced!

That being said, I know that my neighbors Sally and Jim Brown, who live at the White Willow Ranch at the Carbondale end of Huot Road, are greatly affected by the bridge closure. Their property is split by the creek that the bridge crosses.

If you decide to restore the bridge, you will need to make sure it can accommodate large trucks such as gravel trucks. I regularly saw large trucks that exceeded the 5 ton limit using the bridge.

As an alternative, you might consider turning the bridge into a pedestrian / bicycle bridge to allow access to the beautiful road. If you have any questions, you can reach me at 916-212-2767

Sincerely,

Richard and Kathleen Utley
6450 Huot Road
Plymouth, CA 95669
utleykt@gmail.com



Public Works <publicworks@amadorgov.org>

Hout Road Bridge

1 message

Sally Brown <bluegate1957@gmail.com>

Mon, Aug 19, 2024 at 5:30 PM

To: "publicworks@amadorgov.org" <publicworks@amadorgov.org>

This email is in concerned with the bridge to the left of the entrance to 5910 Hout rd.
The bridge is our only direct access to our big barn that is on the corner of Hout and
Carbondale,

We are also concerned about emergency vehicles being able to get to us on time,
Our mail box is also located on the corner of Hout and Carbondale and our refuse cans also get
picked up there also.

One question we would liked answered is what is your plan for the bridge if you decide to
abandon it?

If the bridge is abandoned we would like to be able to use it to walk across to get our mail and
take our trash cans over

Thank you: White Family Trust - Fran White owner



Public Works <publicworks@amadorgov.org>

Fwd: Huot Road Bridge

1 message

john somerville <hayes024@gmail.com>
To: publicworks@amadorgov.org

Thu, Aug 29, 2024 at 3:48 PM

>
> Good afternoon, I would prefer that the bridge not be repaired. Since the bridge has been unusable the amount of trash, traffic and trespassing has greatly decreased making it safer for us and our home. I do however believe that a walking bridge would be nice so that I can still access my mail box from that side and allow others who receive their mail there to access it as well.
> Thank you,
> John H Somerville
> 6350 Huot rd
> 916-847-5707

Brooke Wunschel
6460 Hout Road
Plymouth, CA 95669
brookewunschel@gmail.com
530-306-2577

September 4, 2024

Public Works Department
via email: publicworks@amadorgov.org

Subject: Huot Road Bridge

Dear Public Works Department,

I am writing to request the completion of repairs to the bridge on Huot Road. The prolonged closure of this bridge has resulted in significant challenges for residents and property owners in the area, and I would like to outline several important reasons for why restoration of the bridge is necessary.

1. **Access to Property:** The bridge's closure has severely impacted property access for Fran White, the property owner at 5910 Huot Road. Previously, Ms. White used the bridge to access her barn, which is essential for her agricultural operations, including access to hay storage, equipment, and feeding animals. Without the bridge, Ms. White must go out and around Hwy 16 to move hay and equipment to other parts of her property previously accessed via the bridge. Now trailers and pickups must be utilized rather than being able to drive them the short distance from her driveway to the barn, affecting her ability to manage her property effectively. There is no other crossing on the creek for her property that can be transversed by vehicles. Additionally, access to mailboxes and trash can drop offs has been impacted. Fran is elderly and often uses a cane or her side by side to get around her property. She no longer drives herself, and she is no longer able to safely access her barn, mail and waste bins without driving on main roads. Walking on the side of the road and navigating the bridge closure to access her property poses a safety issue for her.

In addition, our own family leases pasture and barn space from Fran, and the bridge being out has also affected our ability to quickly and efficiently manage the cattle we run at this location. Hay must be loaded and moved from the barn back around and down 16 and down Huot road rather than being able to be simply load hay on a feed trailer and quickly feed out to livestock. In the winter when Huot road floods, this is even more of an issue and affects our ability to manage our animals.

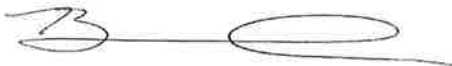
2. **Fire Safety and Emergency Access:** The permanent closure of the bridge would reduce access to the homes on Huot Road to a single route, which poses a significant risk in emergency situations. In the event of a fire or other emergency, the limited access could

hinder both evacuation efforts for residents and the ability of emergency personnel to respond. Many properties in this area are used for grazing cattle and other livestock, making multiple access points crucial for effective evacuation and emergency response. Additionally, Huot Road often floods during the winter due to inadequate drainage, further exacerbating access issues in emergency situations.

3. **Traffic Concerns:** While the bridge's closure may have decreased through traffic, overall traffic levels have remained relatively unchanged. Residents, deliveries, and visitors are now all required to use the Willow Creek Road entrance, which has led to increased daily resident traffic on that end of the road.
4. **Alternate Route in Case of Accidents:** Huot Road has historically served as an important alternate route during accidents or road closures on Hwy 16/Latrobe road area, allowing the rerouting of traffic from Hwy 16 to Forest Home and Carbondale, across Huot Road, to Willow Creek Rd then back to 16. The loss of this route further exacerbates traffic management and emergency response challenges on this dangerous and accident-prone section of Hwy 16.
5. **No Turn-Around:** According to Cal Fire recommendations, dead-end roads should have a 40-foot radius turnaround for fire safety. The current state of Huot Road does not accommodate this requirement without potentially disrupting drainage ditches or creating the need for personal property easements. Despite over a year of road signs being up advising drivers that the road is closed and the bridge is out, many maps still show Huot as a through road, and vehicles regularly still attempt to use it as such, then use the driveway at 5910 Hout as a place to turn around when they come to the bridge. Numerous delivery trucks/truck & trailers have found themselves having to back up substantial lengths and attempt multiple point turns to turn around on Huot Road as well. The road in its current form is not set up to accommodate vehicles that need to turn around when they attempt to use it as a through road.
6. **Maintenance Concerns:** Huot was previously a private road maintained by the owners. If a dead end is created before the bridge, or before the road narrows to one lane, who will be responsible for maintaining the segment of road beyond that point? Does the county plan to maintain the entire road up to the bridge? Will it maintain the portion on the other side of the bridge? Will property owners now be responsible for any portion of the road? Maintenance responsibilities for the section of road beyond the dead-end point are unclear and could create additional complications.

Given these issues, I respectfully urge the Public Works Department to prioritize the repair and reopening of the bridge on Huot Road. It has been over a year since residents began inquiring to the public works department about the repair and we were repeatedly told it was in the works, needed to wait until after winter, until it was inspected, etc. The benefits of restoring this bridge are substantial, not only for the daily lives of residents but also for ensuring the safety and efficiency of emergency services in our community.

Sincerely,



Brooke Wunschel

Amador County
Transportation and Public Works
County Administration Center
810 Court Street
Jackson, CA 95642

September 5, 2024

Francis White
5910 Hout Road
Plymouth, CA 95669

RE: Hout Road Bridge Repair

To Whom it may concern:

I am writing to advocate for repairing the bridge as a result of your August 16, 2024 letter to Francis White and speaking with Richard; subsequently, the bridge has been closed to vehicles for well over 1.5 years. We would have written well before this, but have been told by neighbors per your office bridge repair is in process, but takes time to setup and complete.

Health & Safety: Without the bridge it would add additional time for emergency fire and/or health vehicle response times as many of the mapping / directional programs push vehicles to Carbondale Road, this could be critical in saving lives or property once these vehicles realize the bridge is out and need to re-route. This bridge saved the majority of Francis's house due to a fire from a lightning strike causing an electrical feed-back fire in 1999 as it allowed the fire department's quick response to service via the Hout Road Bridge.

Another safety issue happens when heavy rains occur as a portion of Hout Road east of the bridge prior to Willow Creek Road floods out with heavy rains severely limiting access until rain waters subside, having the bridge fixed negates this safety issue allowing a secondary access point to affected residents.

Daily Use: This bridge was used daily to access the property via Carbondale Road for over 50+ years, a paved road. Currently, everyone has to use the east access to Hout Road off Willow Creek Road, 1.25 miles of Hout's gravel road; this is causing additional depreciation and maintenance all vehicles.

This bridge allows access to the pasture, large barn that houses horses and a friend's mules, and additional storage out buildings. Accessing this portion of the property can be multiple times a week, sometimes multiple times a day depending on season and weather. Subsequently, the bridge is still in use via walking, a side-by-side and small Kubota tractor as required. If the bridge is not fixed and becomes totally unusable, all will have to travel 3+ miles to access the western portion of the property and all buildings via Willow Creek

Road, Hwy 16, and then Carbondale by highway vehicles. She has not even digested how this will affect taking care of the animals, use of the side-by-side and small tractor when needed on that portion of the property.

Lastly, not repairing the Hout Road Bridge will adversely affect the appeal, marketability, and substantially decrease the value of the property estimated to be in excess of \$100,000 as the bridge links the house to the barn, pasture, and storage buildings which are an intracule portion of my property.

I hope this persuades Amador County to fix the bridge and no further action will have to be taken. Please look at fixing the bridge from the standpoint if you owned 5910 Hout Road and fix the Hout Road Bridge.

I am here for questions,

Regards,

Tim (son-in-law) & Kelly (daughter) Lyndaker for Francis White.

Phone: (916) 835-2130

Email: Timlyndaker@reagan.com

Project: Huot Road Bridge Rehabilitation

Job No.

By J. Iten



Department of Transportation
 GENERAL PLAN ESTIMATE - ALTERNATIVE 3 (TO BID)

Bridge Huot Road Bridge Br.No. N/A
 Type Timber Super on RC Abutment District 10 Co. AMA Rte. N/A P.M. RF
 Length 18.7 Width 16.0 Area 298.72 sq.ft.

Design Section Timber Girder Quantities by: J. Iten Date 03/13/24 Estimate No. 1
 Project Includes: 1 Structures Quant. Checked by: R. Ferguson Date 06/27/24 Price by: J. Iten/ R. Fergu
 CU / EA Cost Index

	Contract Items	Unit	Quantity	Price	Amount
1	DITCH EXCAVATION	CY	67	\$150.00	\$10,000.00
2	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	3	\$2,200.00	\$6,518.52
3	DRILL AND BOND DOWEL (CHEMICAL ADHESIVE)	LF	24	\$165.00	\$3,960.00
4	BAR REINFORCING STEEL (BRIDGE)	LB	237	\$4.00	\$948.00
5	TREATED LUMBER AND TIMBER	MFBM	2.79	\$18,000.00	\$50,156.88
6	INJECT CRACK (EPOXY)	LF	11	\$750.00	\$8,250.00
7	BRIDGE REMOVAL (PORTION)	LS	1	\$8,500.00	\$8,500.00
8	GABION	CY	4	\$2,400.00	\$9,600.00
9					\$0.00
10					\$0.00
11					\$0.00
12					\$0.00
SUBTOTAL					\$97,933
MOBILIZATION (___ 10 %)					\$9,793
SUBTOTAL BRIDGE ITEMS					\$107,727
CONTINGENCIES (___ %) 20 %					\$21,545.35
BRIDGE TOTAL (___ \$432.75 /SF)					\$129,272
GRAND TOTAL					\$129,272
FOR BUDGET PURPOSES - SAY					\$130,000

Comments:



AMADOR COUNTY COMMUNITY DEVELOPMENT AGENCY
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PUBLIC WORKS COMMITTEE MEETING DATE: October 4, 2024

AGENDA ITEM 2

To: Public Works Committee

From: Richard Vela, Public Works Director

Subject: **Discussion and possible action regarding Vehicle and Equipment Acquisition**

The Public Works Department currently has 28 vehicles that, when replaced, will fall under Advanced Clean Fleets (ACF) regulation administered by the California Air Resources Board (CARB) requiring the large scale transition to zero emission medium- and heavy-duty trucks (defined as having a gross vehicle weight rating (GVWR) over 8,500 pounds). Twenty-two of these vehicles are owned by Public Works, six are owned by GSA and leased to Public Works. Of the 22 vehicles owned by Public Works, all but one is at least 16 years old, fourteen are 20 years or older and 12 are year 2000 or older. Many of these vehicles are challenged to meet emission standards, even when modified.

As many of these vehicles are in need of replacement, one strategy to follow is to replace these vehicles prior to January 2027. The vehicles that can be classified as intermittent snow removal vehicles (16 total) would have a target replacement date of January 2030. Once the replacements are in the fleet, they can be operated as long as we want as there is no requirement to remove or retire the vehicles. This will help alleviate the need for ZEV charging/fueling infrastructure at this time. At its May 3, 2024 meeting, the Committee expressed support for this approach to the vehicle replacement, being proactive rather than reactive.

In addition, the Department has 19 off-road pieces of equipment that are old and will need to be retired due to CARB emission requirements. The Department should review this list and determine which pieces of equipment are necessary for day to day operations and get rid of the surplus equipment. After determining the equipment to keep, the Department needs to systematically replace the aging equipment.

Staff proposes reviewing the list of vehicles and equipment, determine what can be gotten rid of, and prioritize the replacement of the remaining vehicles/equipment.

In addition, there is equipment that the Department currently does not own that would be a valuable asset, such as a skid steer loader.

Included in the FY 24-25 budget is the replacement of a loader-mounted snow blower. This piece of equipment is used to remove snow from the upper section of Shake Ridge Road and the Bear River/Silver Lake Roads in May of each year. This is a specialized piece of equipment that is extremely valuable when needed, however the frequency of need is variable and somewhat limited.

**AMADOR COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
MEDIUM AND HEAVY DUTY VEHICLES**

Internal Fleet Asset Number	Internal Fleet Identifier	Fuel Type	Vehicle Model Year	Dedicated Snow	Intermittent Snow	GSA Lease	Replace as ZEV as of 1/1/27	Replace as ZEV as of 1/1/30
104	Ford F350 4x4/Plow Truck	Diesel	2019		X	X		X
107	Ford F350 4x4/Plow Truck	Diesel	2021		X	X		X
108	Ford F350 4x4/Plow Truck	Diesel	2021		X	X		X
114	Ford F350 4x4 Dump/Plow Truck	Diesel	2000		X			X
187	Ford F350 4x4 Sign Truck/Plow	Gasoline	2002		X			X
202	Ford 1 ton Boom Truck	Diesel	1998				X	
210	Chevy 1 Ton Utility/Plow Truck	Gasoline	2007		X			X
212	Ford F350 4x4 Sign Truck/Plow	Diesel	2003		X			X
213	Ford F350 4x4 Dump/Plow Truck	Diesel	2019		X	X		X
214	Ford F450 4x4 Dump/Plow Truck	Diesel	2014		X			X
215	Ford F350 4x4 Dump/Plow Truck	Diesel	2019		X	X		X
216	Chevy 1 Ton Dump/Plow Truck	Diesel	2007		X			X
218	Ford F350 4x4 Service Truck/Plow	Diesel	2000		X			X
220	Freightliner UD425-120 Patch Truck	Diesel	2001				X	
221*	Intl 4x4 Steller Plow/Sander	Diesel	1993		X			X
230	International 2574 Dump Truck	Diesel	1991				X	
232	Mack 613 Dump Truck	Diesel	2000				X	
233	Mack 613 Dump Truck	Diesel	2000				X	
234	Freightliner Transfer Truck	Diesel	2005				X	
236	Ford F350 4x4 Dump/Plow Truck	Diesel	2019		X	X		X
237	Kenworth Transfer Truck	Diesel	2006				X	
300	Intl 4x4 Steller Plow/Sander	Diesel	1992		X			X
302	GMC 7000 Snow Plow/Sander	Diesel	1984	X			exempt	exempt
307	Intl 4x4 Steller Plow/Sander	Diesel	2002		X			X
314	Vac-Con Sewer/Storm Drain Vac	Diesel	2008				X	
318	Kenworth T800 Water Truck	Diesel	1995				X	
406	Kenworth T800B Tractor	Diesel	1999				X	
881	Ford F350 4x4 Service Truck	Gasoline	1988				X	

2 16 6 11 16

* Vehicle scrapped after 2022-23 Winter - to be replaced with ARPA Funds in 2024.

DOORS ID: 3949

Company Name: DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

Fleet Type: Off-Road Diesel

Print or Export Data

Select Existing Vehicles & Engines (in Excel/CSV file format)

1 (50 rows per page, Total 19 rows.)

There are 19 active vehicles in DOORS ID: 3949

The red fields are missing information fields. Please provide the missing information.
Two-engine vehicles will display 2 rows with the same vehicle information but different engine information.

Line #	Vehicle Information								Engine Information						
	EIN	Veh Serial #	Your Veh #	Location	Veh Type	Veh Manufacturer	Veh Model	Veh MY	Eng Serial #	Eng Manufacturer	Eng Model	Eng MY	Eng HP	Eng Tier	Eng Family
1	SL7N67		723	Jackson	Tractors/Loaders/Backhoes	CASE	621G	2023	002130975	FPT INDUSTRIAL S.P.A.	F4HFE613W*B	2023	121	T4	PFPXL06.7SDB
2	GR8V85		705	Jackson	Excavators	CASE	CX80C	2024	4LE2-117362	ISUZU MOTORS LIMITED	CP-4LE2X	2023	57	T4	--
3	PH4X75	5yno3854	2000	Jackson	Tractors/Loaders/Backhoes	CATERPILLAR	416C	1998	5HK74188	CATERPILLAR, INC.	416C	1998	75	T1	--
4	YN3V76	08rz02212	708		Rollers	CATERPILLAR	cb224d 3 ton	2004	42w088890	CATERPILLAR, INC.	hl332800	2005	30	T2	3h3xl200n84
5	DM4W89	167208	707		Rollers	INGERSOLL-RAND	DD70	2001	46049308	INGERSOLL RAND	4bt	2001	70	T1	239aac
6	YC7C64	jjg0220765	713		Tractors/Loaders/Backhoes	CASE	580L	1997	jjg0220765	CASE CORPORATION	4t3.9	1997	75	T0	
7	WY6K34	k22402028	709		Rollers	CATERPILLAR	cb224e 3 ton	2006	csf03314	CATERPILLAR, INC.	hl332800	2006	125	T2	6h3xl200n84
8	WX3W36	26055147	712		Tractors/Loaders/Backhoes	CASE	580L	1995	45212816	CASE CORPORATION	4t3.9	1995	75	T0	
9	WG5Y74	xx804	742		Rubber Tired Loaders	KOMATSU	wa2503mc	2004	46250683	KOMATSU, LTD.	6d10261	2004	139	T2	2klxl0359aaa
10	TW3W76	at19c20410	732		Forklifts	CATERPILLAR	cat forklift	2008	at19c20410	CATERPILLAR, INC.	4 cyl	2009	60	T4I	--
11	TP8S69	229133906	703		Graders	DEERE	670B	1993	t06068t414290	JOHN DEERE POWER SYSTEMS	60688tdwo	1993	95	T0	
12	TP6U79	262221003	725		Rubber Tired Loaders	DEERE	544	1991	t06059t330245	JOHN DEERE POWER SYSTEMS	6059twd02	1991	100	T0	
13	SX3G47	260545us	719		Tractors/Loaders/Backhoes	KOMATSU	wa180-3l	1999	45580712	KOMATSU, LTD.	6t5.9	1999	118	T1	vdk359r6dtra
14	SW5W53	262255003	711		Tractors/Loaders/Backhoes	DEERE	544G	1994	t06059t493267	JOHN DEERE POWER SYSTEMS	6059twd02	1994	100	T0	
15	RT3P84	87v07741	704		Graders	CATERPILLAR	120	1985	07214675	CATERPILLAR, INC.	3304DI	1985	125	T0	
16	NH6X46	30257	740		Sweepers/Scrubbers	LAY-MOR	8C	2005	46431619	OTHER	t4b	2006	76	T2	3cexl0239aac
17	XK6N86	94Z00904	724	Martell, Ca	Tractors/Loaders/Backhoes	CATERPILLAR	926	1991	45V43566	CATERPILLAR, INC.	3204DI	1991	105	T0	
18	SS8R84	1T8210KXHC0891030	710	Martell, CA	Tractors/Loaders/Backhoes	DEERE	210K	2013	PE4045R937366	JOHN DEERE POWER SYSTEMS	4045HT063.73	2012	174	T4I	CJDXL04.5211
19	SD4A46	814897	743	12200 Airport Rd, Jac	Sweepers/Scrubbers	SUPERIOR	DT80J	2014	PE4045R937366	CUMMINS ENGINE CO., INC.	B3.3T	2014	74	T4	--



AMADOR COUNTY COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION & PUBLIC WORKS

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COUNTY ADMINISTRATION CENTER • 810 COURT STREET • JACKSON, CA 95642-2132

PUBLIC WORKS COMMITTEE MEETING DATE: October 4, 2024

AGENDA ITEM 3

To: Public Works Committee
From: Richard Vela, Public Works Director
Subject: **Status of Ongoing Road Projects**

2024 Ditching Project

Work has been completed on the \$75,000 ditching project. R.D. Morgan Construction performed the ditch cleaning/re-establishment along Sutter Creek-Volcano Road starting at the Sutter Creek city limits and progressing eastward. Contractually, approximately 42,860 feet of ditch was to be treated, with closer to 45,000 feet of ditch actually treated.

2024 Dig-Outs Project

Work has been completed on the 2024 Dig-Outs Project. George Reed Inc. performed the digouts on Martin Lane and Irish Hill Road. A small amount of work was added to the Martin Lane location as three culvert replacement crossings were added. The culvert replacements were performed by County forces with the decision made to have the pavement restoration added to the dig-outs project.

Upper Ridge Road Improvements

Work has started on the Upper Ridge Road pavement design engineering. Dokken Engineering is the consultant for the project, with Geocon working as a geotechnical subconsultant. Geotechnical pavement cores have been taken and a lab analysis will be conducted which will lead to recommendations for pavement improvements. In preparation of the geotechnical field work, the consultant reached out to the local tribes and received no concerns. Pavement improvement recommendations are scheduled to be presented to the County in mid-October. The goal is to have PS&E documents completed and ready for bid by mid-March, facilitating a 2025 construction season project. This project is funded through a \$2,300,000 Priority Legislative Budget Project (PLBP)

SR 88 Pine Gove Corridor Improvements

Engineering on the revised project scope has been completed, with 95% plans submitted to Caltrans for review. The revised scope for the project truncates the proposed improvements at the Irish Town Road intersection, rather than continuing west to the Ridge Road intersection as originally planned. Staff is anticipating an efficient Caltrans review in order to facilitate a mid/late fall bidding window with a potential project award to occur in early 2025. This would facilitate a 2025 construction season for project construction.

Status of Ongoing Road Projects

October 4, 2024

Item 3

Page 2

Buena Vista Road

The County secured \$1,200,000 in State Transportation Improvement Program (STIP) funds for pavement improvements to Buena Vista Road from the Calaveras County line to Camanche Parkway North, a distance of approximately 2.14 miles. Through the Amador County Transportation Commission (ACTC) the County has requested \$650,000 in traffic mitigation funds for pavement improvements to Buena Vista Road from SR 88 to SR 124, a distance of approximately 1.27 miles. This request has yet to be considered by ACTC. Through the current engineering on-call services contract, Consor North America has been contracted to provide design engineering and Plans, Specifications and Estimate (PS&E) documents and necessary support services for both road segments. The goal is to have bid documents complete to facilitate a spring 2025 bid. If the ACTC traffic mitigation funds are not available, the funded section could be bid on its own.

Shake Ridge Road

The County secured \$1,530,000 in State Transportation Improvement Program (STIP) funds for pavement improvements to Shake Ridge Road from Ponderosa Way to Fiddletown Road, a distance of approximately 2.77 miles. Through the current engineering on-call services contract, Bennett Engineering has been contracted to provide design engineering and Plans, Specifications and Estimate (PS&E) documents and necessary support services. The goal is to have bid documents complete to facilitate a spring 2025 bid. The undergrounding of overhead lines by PG&E has resulted in placement of facilities under the westbound lane of Shake Ridge Road from Rams Horn Grade to Allan Road, a distance of approximately 1.3 miles. This section of road (both lanes) will be milled and overlaid by PG&E this fall as part of their work, reducing the work the County will need to complete.

Fiddletown Road

The County secured \$850,000 in State Transportation Improvement Program (STIP) funds for pavement improvements to Fiddletown Road from Post Mile 6.2 to Hale Road, a distance of 1.16 miles. An application for STIP funds for pavement improvements to Fiddletown Road from Hale Road to Brockman Mill Road, a distance of 3.12 miles, did not make the cut for the current funding cycle. The estimated cost for this road segment is \$2,300,000. Through the current engineering on-call services contract, Siegfried Engineering has been contracted to provide design engineering and Plans, Specifications and Estimate (PS&E) documents and necessary support services for both road segments since they are contiguous. The goal is to have bid documents complete to facilitate a spring 2025 bid. If additional funding is secured, the entire project could be bid at once, otherwise only the current STIP funded segment could be bid out.

Willow Creek Bridge on Carbondale Road

Construction is underway on the Willow Creek Bridge on Carbondale Road near the Forest Home Road intersection. Bridge abutments and piers have been installed. Channel armoring will be completed prior to the winter season. It is the goal to have the bridge deck completed before the winter season. Overall, progress has been slower than anticipated but has picked up in recent weeks.



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PUBLIC WORKS COMMITTEE MEETING DATE: October 4, 2024

AGENDA ITEM 4

To: Public Works Committee

From: Richard Vela, Public Works Director

Subject: **Discussion and possible action regarding future Public Works Improvements**

It is the understanding of staff that funds in the amount of \$1.5M to \$2.0M will be included in each of the FY 24-25 and FY 25-26 Budget Unit 3000 (Public Works) for public works improvements. A general discussion with the Committee is recommended to provide guidance on how best to utilize these funds.

Items for consideration include:

- Vehicle and equipment replacement.
- Road Improvements (rehabilitation, overlay, seal coat, etc).
- Bridge repairs.
- Additional funds for the crew quarters in order to facilitate the facility replacement.
- Shop improvements.
- Pavement management system update – rating of road pavements (last completed in 2015). This will most likely be the tool to use when implementing Measure Q should it pass.
- Study to address future required implementation of zero emission vehicles into the County fleet and development of charging infrastructure to support such.

While the amount of money sound impressive, there are way more needs than what can be funded.

Staff is looking for direction from the Committee on the prioritization of fund spending. Once direction is obtained, staff can develop a proposed spending plan for Committee review.