



COPPER VALLEY COMMUNITY SERVICES DISTRICT

1000 Saddle Creek Drive
Copperopolis, CA 95228
(209) 785-0100 –
coppervalleycsd.org

DIRECTORS

Larry Hoffman, President
Ken Albertson, Vice President
Roger Golden
Darlene DeBaldo
Scott Baker

COPPER VALLEY COMMUNITY SERVICES DISTRICT BOARD OF DIRECTORS REGULAR MEETING AGENDA

LOCATION:1001 SADDLE CREEK DRIVE, COPPEROPOLIS

August 17, 2021
2:00 PM

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PLEDGE OF ALLEGIANCE**
4. **CHANGES TO ORDER OF AGENDA**
5. **PUBLIC COMMENT** (Each speaker is limited to two (2) minutes) Members of the public are appreciated for taking the time to attend this meeting and provide comments on matters of District business. Any member of the public may address the Board relating to any matter within the Board's jurisdiction. This need not be related to any item on the agenda; however, the Board cannot act on an item unless it was noticed on the agenda
6. **CONSENT CALENDAR**

Consent Calendar items are considered routine and will be acted upon by one motion. There will be no separate discussion on these items unless a member of the Board, Staff or a member of the Public requests specific items be set aside for separate discussion.

 - a) Review of monthly financial report, approval of bills and claims for the month of July 2021.
 - b) Approval of the minutes from the Regular Board Meeting held July 20, 2021
7. **DISCUSSION AND ACTION ITEMS**

The Board of Directors intends to consider each of the following items and may act at this meeting. Public comment is allowed on each individual agenda item listed below, and such comment will be considered in advance of each Board action.

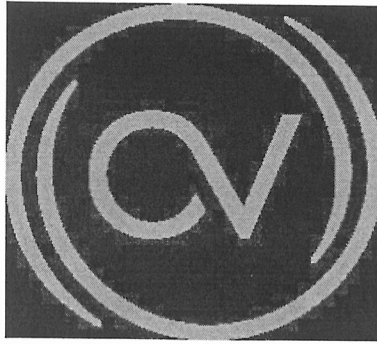
 - a) Review and Acceptance of the Pavement Preventative Maintenance Program Prepared by Willdan
 - b) Review of options and direction regarding the selection of a consulting District Engineer
 - c) Status update report regarding transfer of ownership of the water truck and CVCSO Office Building from Copper Valley Partners to the District
 - d) Status update on the execution and implementation of a final Plan Check and Construction Inspection Agreement with CV Development Partners, LLC for the Quail Creek development
8. **STAFF AND DIRECTOR REPORTS**

Brief reports may be provided by District staff and/or Board members as information on matters of general interest. No action will be taken by the Board during Reports, however items discussed may be recommended for discussion and action on a future agenda.

 - a) General Managers Report
 - b) Site Managers Report
9. **ADJOURNMENT**

Agenda Materials: May be viewed on the bulletin boards outside the Copper Valley Pro Shop, on the Sports Club Bulletin Board, in the viewing box outside the CSD main office and at the CSD Website typically three days preceding each meeting date. Materials will also be available at the meeting.

Americans with Disabilities Act Compliance: If you require special assistance to participate in Board Meetings, please contact the CVCSO Board Clerk at (209) 272-0957. Advance notification will enable the District to make reasonable arrangements to insure accessibility.



Copper Valley Community Services District
Treasurer's Report

July 31, 2021

**Copper Valley Community Services District
Treasurer's Report
July 2021**

Statement of Cash Flows

For the 1 Month Ending July 31, 2021

	Umpqua Bank Checking	Calaveras Co Fund 2188	LAIF	YTD Total
Net Income	(56,852)	-	86	(56,766)
OPERATING ACTIVITIES				
Adjustments to reconcile Net Income to Net Cash used in Operations:				
1200 Accounts Receivable	-			-
2000 Accounts Payable	(20,195)			(20,195)
2050 Umpqua CSDA Visa	(12,262)			(12,262)
2100 Payroll Taxes Payable	1,105			1,105
2110 Garnishments Payable	-			-
2150 Accrued Payroll	(2,027)			(2,027)
2200 Sales Tax Payable	-			-
Net cash used in operating activities	(90,231)	-	86	(90,145)
Net cash decrease for period	(90,231)	-	86	(90,145)
Cash at beginning of period (7/1/2021)	1,181,867	-	105,439	1,287,305
Cash at end of period	1,091,636	-	105,525	1,197,161

**Copper Valley Community Services District
Treasurer's Report
July 2021**

Cash Flow Projection

		FY 2021-22								
		Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022
REGULAR CHECKING										
Beginning Checking Account Balance	\$	1,181,867	1,091,636	1,087,220	1,016,068	944,917	775,325	704,173	1,361,442	1,290,291
Deposits										
Assessments	\$	-	66,735	-				728,420		
Other Income	\$	2,310								
Road Improvement Loan	\$	-								
Voided Checks	\$	-								
Disbursements										
Paychecks	\$	32,964	27,000	27,000	27,000	27,000	27,000	27,000	27,000	27,000
Payroll Taxes	\$	10,926	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Checks Written										
Other Operating & Admin Costs	\$	22,548	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000
Bonuses - IRA payments										
Property Liability Insurance	\$	-								
Worker's Comp Insurance	\$	-								
Lease payments	\$	1,051	1,051	1,051	1,051	1,051	1,051	1,051	1,051	1,051
Capital Outlay	\$	-								
Projects Costs										
Series A (2018 project refinance)	\$	-	-			40,861				
Series B (Phase 2 Road Imprpv.)	\$	-	-			57,580				
Valley Entry System	\$	4,450								
Jim Wilson	\$	-								
Larry Bain	\$	-								
Willdan	\$	164								
NBS	\$	1,095								
SDFFA (Road Construction Loan)	\$	-								
Human Resource Practioners	\$	-								
Credit Card Payments	\$	18,725	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000
ACS Debits - (Utilities, Lease Pymts,P/R processing)	\$	617	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
Total Disbursements	\$	92,541	71,151	71,151	71,151	169,592	71,151	71,151	71,151	71,151
Ending Checking Account Balance	\$	1,091,636	1,087,220	1,016,068	944,917	775,325	704,173	1,361,442	1,290,291	1,219,139
check	\$	0								
Check	\$	-								

NOTE: This cash flow projection uses estimates of outlays using information available at the time of preparation

Copper Valley Community Services District

Balance Sheet
As of July 31, 2021

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1000 Umpqua Bank Checking	1,091,636
1040 Local Agency Investment Fund (LAIF)	105,525
Total Bank Accounts	\$1,197,161
Total Current Assets	\$1,197,161
Fixed Assets	
1500 Capital Assets	
1501 Equipment	397,708
1503 Roads	2,360,462
1504 Easements	10,344,000
1505 Buildings	79,000
Total 1500 Capital Assets	13,181,170
1550 Construction in Progress	39,718
1600 Accumulated Depreciation	
1601 Equipment	-265,516
1603 Roads	-782,098
1605 Buildings	-22,120
Total 1600 Accumulated Depreciation	-1,069,734
Total Fixed Assets	\$12,151,155
TOTAL ASSETS	\$13,348,316

Copper Valley Community Services District

Balance Sheet
As of July 31, 2021

	TOTAL
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 Accounts Payable	243
Total Accounts Payable	\$243
Credit Cards	
2050 Umpqua CSDA Visa	6,464
Total Credit Cards	\$6,464
Other Current Liabilities	
2100 Payroll Taxes Payable	2,553
2150 Accrued Payroll	17,151
2200 Sales Tax Payable	0
Total Other Current Liabilities	\$19,704
Total Current Liabilities	\$26,411
Long-Term Liabilities	
2500 Lease Payable - John Deere	42,417
2600 Series 2018 Installment Sale	2,082,648
Total Long-Term Liabilities	\$2,125,065
Total Liabilities	\$2,151,476
Equity	
3800 Developer Capital Contributions	12,198,796
3900 Fund Balance	-945,190
Net Income	-56,766
Total Equity	\$11,196,839
TOTAL LIABILITIES AND EQUITY	\$13,348,316

COPPER VALLEY COMMUNITY SERVICES DISTRICT
 FY 2021-22 MONTHLY BUDGET REPORT ANALYSIS
 July 2021

		ACTUALS			BUDGET		
		Last Year July	This Year July	Variance Incl/ (Decr)	This year's BUDGET	\$ Budget Remaining	% Budget Remaining
EXPENDITURES							
SERVICES AND SUPPLIES							
ADMINISTRATION							
OE01	Audit Expense	\$ -	\$ -	\$ -	\$ 8,900	\$ 8,900	100%
OE02	Finance Expenses	\$ 98	\$ 64	\$ (34)	\$ 700	\$ 636	91%
OE02-1	Parcel Tax Implementation	\$ -	\$ -	\$ -	\$ 6,000	\$ 6,000	100%
OE03	Advertising	\$ -	\$ -	\$ -	\$ 1,900	\$ 1,900	100%
OE04	Legal Expenses	\$ -	\$ -	\$ -	\$ 7,000	\$ 7,000	100%
OE06	Insurance (Property Loss/Liability)	\$ -	\$ -	\$ -	\$ 16,200	\$ 16,200	100%
OE07	Miscellaneous/Contingency	\$ 343	\$ 210	\$ (133)	\$ 5,000	\$ 4,790	96%
OE08	Professional Development (Travel/Training)	\$ 1,682	\$ 995	\$ (686)	\$ 8,100	\$ 7,105	88%
OE09	Dues, Certifications & Subscriptions	\$ 173	\$ -	\$ (173)	\$ 5,400	\$ 5,400	100%
OE10	Uniform Expenses	\$ -	\$ 317	\$ 317	\$ 6,000	\$ 5,683	95%
OE11	Electric Power/Water/Sewer	\$ 765	\$ 529	\$ (236)	\$ 68,300	\$ 67,771	99%
OE11.5	Electric for Office					\$ -	#DIV/0!
OE12	Telephone/Internet Service	\$ 912	\$ 567	\$ (345)	\$ 6,900	\$ 6,333	92%
OE14	Office Supplies/Postage	\$ 302	\$ 337	\$ 35	\$ 8,800	\$ 8,463	96%
OE14-1	Office Cleaning					\$ -	#DIV/0!
OE15	Office Equipment Repair/Replacement	\$ 3,903	\$ 54	\$ (3,849)	\$ 10,700	\$ 10,646	99%
OE15-1	Office Equipment Lease	\$ -	\$ 171	\$ 171	\$ 2,300	\$ 2,129	93%
OE26	County Fees/LAFCO	\$ 1,089	\$ -	\$ (1,089)	\$ 7,400	\$ 7,400	100%
OE29	Accounting Services	\$ 6,674	\$ -	\$ -	\$ 27,000	\$ 27,000	100%
OE30	Reimbursable Maint/Repair Expense	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,000	100%
OE31	Office Lease						
OE41	HR Consultant	\$ 500	\$ -	\$ (500)	\$ 2,500	\$ 2,500	100%
PE03-1	Payroll Taxes - Administration	\$ 1,088	\$ 1,525	\$ 438	\$ -	\$ -	
PE06-1	Employee Wages - Administration	\$ 14,220	\$ 19,940	\$ 5,720	\$ -	\$ -	
	Total Administration	\$ 31,748	\$ 24,708	\$ (7,040)	\$ 200,100	\$ 196,857	98%
COMMON AREAS							
OE16	Gate Maintenance & Opener Purchase	\$ 2,159	\$ 1,007	\$ (1,152)	\$ 20,000	\$ 18,993	95%
OE16-1	Gate System Improvements (RFID,etc)				\$ 2,000	\$ 2,000	100%
OE17	Streets/Sidewalks/Lighting Maint & Repair	\$ 2,054	\$ -	\$ (2,054)	\$ 29,800	\$ 29,800	100%
OE17-2	Storm Drains	\$ -	\$ -	\$ -			
PE03-5	Payroll Taxes - Streets	\$ -	\$ -	\$ -			
PE06 -5	Employee Wages - Streets	\$ -	\$ -	\$ -			
OE18-1	Landscape Supplies & Repairs	\$ 4,261	\$ 1,328	\$ (2,934)	\$ 43,000	\$ 41,672	97%
OE18-2	CCWD Water						
OE18-3	Landscape Equipment Gas & Oil	\$ 1,678	\$ -	\$ (1,678)	\$ 9,500	\$ 9,500	100%
OE18-4	Landscape Equipment Repair/Replacement	\$ 4,164	\$ 2,365	\$ (1,799)	\$ 29,800	\$ 27,435	92%
PE03-2	Payroll Taxes - Common Areas	\$ 1,533	\$ 1,476	\$ (58)			
PE06 -2	Employee Wages - Common Areas	\$ 20,043	\$ 19,289	\$ (754)	\$ -	\$ -	
	Total Common Areas	\$ 35,893	\$ 25,464	\$ (10,428)	\$ 134,100	\$ 129,400	96%
MOSQUITO ABATEMENT				\$ -			

COPPER VALLEY COMMUNITY SERVICES DISTRICT
 FY 2021-22 MONTHLY BUDGET REPORT ANALYSIS

July 2021

		ACTUALS			BUDGET		
		Last Year July	This Year July	Variance Incl/ (Decr)	This year's BUDGET	\$ Budget Remaining	% Budget Remaining
EXPENDITURES							
OE22-1	Mosquito Control Products	\$ 2,831	\$ -	\$ (2,831)	\$ 20,000	\$ 20,000	100%
OE22-2	Mosquito Abatement Monitoring & Testing	\$ 360	\$ 60	\$ (300)	\$ 4,300	\$ 4,240	99%
OE22-3	Mosquito Abatement Vehicles Gas & Oil	\$ 1,223	\$ -	\$ (1,223)	\$ 15,000	\$ 15,000	100%
OE22-4	Mosquito Abatement Equipment Maintenance	\$ 100	\$ 105	\$ 5	\$ 14,000	\$ 13,896	99%
PE03-4	Payroll Taxes - Mosquito Abatement	\$ 38	\$ 52	\$ 14			
PE06-4	Employee Wages - Mosquito Abatement	\$ 498	\$ 686	\$ 188			
PE03-6	Payroll Taxes - Wetlands	\$ -	\$ -	\$ -			
PE06-6	Employee Wages - Wetlands	\$ -	\$ -	\$ -			
	Total Mosquito Abatement	\$ 5,050	\$ 903	\$ (4,147)	\$ 53,300	\$ 53,136	100%
	<i>Less: Distributed Payroll to Service Areas</i>	\$ (37,420)	\$ (42,968)	\$ (5,548)			
	TOTAL SERVICES & SUPPLIES	\$ 35,271	\$ 8,107	\$ (27,163)	\$ 387,500	\$ 379,393	98%
PERSONNEL COSTS				\$ -		\$ -	
PE01	Worker Compensation Insurance	\$ 13,658	\$ -	\$ (13,658)	\$ 12,800	\$ 12,800	100%
PE02	Health Insurance	\$ 5,187	\$ 6,885	\$ 1,698	\$ 86,700	\$ 79,815	92%
PE03	Payroll Taxes	\$ 3,948	\$ 3,053	\$ (894)	\$ 37,100	\$ 34,047	92%
PE04	Processing Fees	\$ 147	\$ 151	\$ 4	\$ 2,200	\$ 2,049	93%
PE05	Directors Stipend	\$ -	\$ -	\$ -	\$ 6,000	\$ 6,000	100%
PE06	Employee Wages	\$ 50,897	\$ 39,915	\$ (10,983)	\$ 463,600	\$ 423,685	91%
	TOTAL PERSONNEL COSTS	\$ 73,836	\$ 50,004	\$ (23,833)	\$ 608,400	\$ 558,396	92%
EQUIPMENT OUTLAY							
CO04	Cart Replacement	\$ -	\$ -	\$ -	\$ 5,000		
CO04	Heavy Duty Truck	\$ -	\$ -	\$ -	\$ -		
CO04	Trailer/Spray Rig/Tractor	\$ -	\$ -	\$ -	\$ 6,100	\$ 6,100	100%
CO10	Depreciation	\$ -	\$ -	\$ -			
	TOTAL EQUIPMENT OUTLAY	\$ -	\$ -	\$ -	\$ 11,100	\$ 6,100	55%
CAPITAL OUTLAY/STUDIES/ASSESEMENTS				\$ -			
OE53-2	Landscape Design	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE53-1	Landscape Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE51-4	Road Improvement (1)	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE51-1	Road Project Assessment & Design (Willdan)	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE51-2	Road Project Management	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE51-5	Road Improvements PHASE II	\$ 5,051	\$ -	\$ (5,051)	\$ -	\$ -	#DIV/0!
OE51-6	CM Services (Willdan)	\$ 15,701	\$ -	\$ (15,701)	\$ -	\$ -	#DIV/0!
OE51-7	Drainage Basin Repairs	\$ 15,780	\$ -	\$ (15,780)	\$ -	\$ -	#DIV/0!
OE51-8	Road Development Standards	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE54-1	Office Building Paint	\$ 10,437	\$ -	\$ (10,437)	\$ -	\$ -	#DIV/0!
OE54-2	Office Building Siding and Trim	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE54-3	Office Building Renovation	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
OE54-4	Security	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
TBD	Sidewalk Replacement	\$ -	\$ -	\$ -	\$ 19,875	\$ 19,875	100%
TBD	Mosquito Abatement Cargo Container	\$ -	\$ -	\$ -	\$ 9,800	\$ 9,800	100%

COPPER VALLEY COMMUNITY SERVICES DISTRICT
 FY 2021-22 MONTHLY BUDGET REPORT ANALYSIS
 July 2021

	ACTUALS			BUDGET		
	Last Year July	This Year July	Variance Incl/ (Decr)	This year's BUDGET	\$ Budget Remaining	% Budget Remaining
EXPENDITURES						
TOTAL STUDIES & ASSESSMENTS	\$ 46,969	\$ -	\$ (46,969)	\$ 29,675	\$ -	0%
DEBT SERVICE			\$ -			
OE20 John Deere Financing	\$ 1,336	\$ -	\$ (1,336)	\$ -	\$ -	#DIV/0!
OE21 John Deere Financing	\$ 1,051	\$ 1,051		\$ 12,616		
OE20-01 Interest Expense	\$ -					
OE20-3 Series 2018 Installment Sale	\$ -	\$ -				
OE20-4 Phase 1 Road Improvements	\$ -	\$ -		\$ 81,722	\$ 81,722	100%
OE20-5 Phase 2 Road Improvements	\$ -	\$ -		\$ 115,160	\$ 115,160	100%
TOTAL DEBT SERVICE	\$ 2,387	\$ 1,051	\$ (1,336)	\$ 209,498	\$ 196,882	94%
TOTAL EXPENSES	\$ 158,463	\$ 59,162	\$ (99,301)	\$ 1,246,173	\$ 1,140,771	92%

PAYMENTS AND ASSESSMENTS RECEIVED

<u>Assessment Income</u>						
Pymt No. 3: (5%) Aug 2020 (FY19)	\$ -	\$ -	\$ -	\$ 68,070	\$ 68,070	
Pymt No. 1: (55%) Feb 2021 (FY20)	\$ -	\$ -	\$ -	\$ 748,770	\$ 748,770	
Pymt No. 2: (40%) May 2021 (FY20)	\$ -	\$ -	\$ -	\$ 544,560	\$ 544,560	
Total Assessment Income	\$ -	\$ -	\$ -	\$ 1,361,400	\$ 1,361,400	
<u>Reimbursement Income</u>						
Total Reimbursement Income			\$ -	\$ -	\$ -	
<u>Other Income</u>						
IN03 Weed Abatement	\$ 2,775	\$ 2,175				
IN05 Investment Interest	\$ 381	\$ 86		\$ 1,300		
IN30 Exp Reimbursement Income	\$ -	\$ -		\$ 1,000		
IN41 Gate Opener Income	\$ 80	\$ 135		\$ 1,200		
IN59 Rebates	\$ -	\$ -		\$ 2,000		
Total Other Income	\$ 3,236	\$ 2,396	\$ (840)	\$ 4,300	\$ 1,904	
TOTAL PAYMENTS & ASSESSMENTS	\$ 3,236	\$ 2,396	\$ (840)	\$ 1,371,200	\$ 1,363,304	
Net Income	\$ (155,226)	\$ (56,766)	\$ 98,460	\$ 125,027	\$ 181,793	
<u>Other Financing Sources & Uses</u>						
Budget Balance		\$ -		\$ -	\$ -	
		\$ (56,766)		\$ -	\$ -	

Copper Valley Community Services District
1000 Umpqua Bank Checking, Period Ending 07/31/2021

RECONCILIATION REPORT

Reconciled on: 08/11/2021

Reconciled by: Ever Ventura

Any changes made to transactions after this date aren't included in this report.

Summary

USD

Statement beginning balance	1,185,613.30
Checks and payments cleared (33)	-64,283.76
Deposits and other credits cleared (4)	2,310.00
Statement ending balance	<u>1,123,639.54</u>
Uncleared transactions as of 07/31/2021	-32,003.53
Register balance as of 07/31/2021	1,091,636.01
Cleared transactions after 07/31/2021	0.00
Uncleared transactions after 07/31/2021	-19,778.40
Register balance as of 08/11/2021	<u>1,071,857.61</u>

Details

Checks and payments cleared (33)

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
07/01/2021	Check	dm	John Deere Financial	-1,051.30
07/02/2021	Check	DD	Gregory Hebard	-2,414.60
07/02/2021	Check	DD	NICOLE D MC CUTCHEN	-1,786.36
07/02/2021	Check	DD	NICOLE D MC CUTCHEN	-100.00
07/02/2021	Check	DD	BRADLEY S KURTZER	-718.99
07/02/2021	Check	DD	DAMON H WAITE	-1,382.30
07/02/2021	Check	DD	KYLE W CEARLEY	-1,444.22
07/02/2021	Check	DD	Ralph M. McGeorge	-2,164.05
07/02/2021	Check	DD	Gregory Hebard	-200.00
07/02/2021	Check	DD	CHRIS JACOBS	-1,424.24
07/02/2021	Check	DD	PETER J KAMPA	-2,255.63
07/02/2021	Check	DD	WILLIAM KELSEY	-1,313.07
07/06/2021	Check	dm	Intuit Full Service Payroll	-151.00
07/08/2021	Check		CA EDD	-842.63
07/08/2021	Check		IRS	-4,599.63
07/14/2021	Check	dm	Umpqua Bank	-15.00
07/20/2021	Check	DD	NICOLE D MC CUTCHEN	-100.00
07/20/2021	Check	DD	NICOLE D MC CUTCHEN	-1,479.21
07/20/2021	Check	DD	BRADLEY S KURTZER	-803.64
07/20/2021	Check	DD	WILLIAM KELSEY	-1,393.29
07/20/2021	Check	DD	PETER J KAMPA	-2,255.64
07/20/2021	Check	DD	CHRIS JACOBS	-1,508.23
07/20/2021	Check	DD	DAMON H WAITE	-1,405.93
07/20/2021	Check	DD	Ralph M. McGeorge	-2,197.96
07/20/2021	Check	DD	KYLE W CEARLEY	-1,467.85
07/20/2021	Check	DD	Gregory Hebard	-200.00
07/20/2021	Check	DD	Gregory Hebard	-2,453.83
07/21/2021	Check		CA EDD	-54.63
07/23/2021	Check		CA EDD	-829.00
07/23/2021	Check		IRS	-4,600.01
07/26/2021	Check	dm	Umpqua Bank Commerical CC	-18,725.22
07/27/2021	Check	dm	PG&E - 7193	-451.24
07/30/2021	Check	DD	DAMON H WAITE	-2,495.06
Total				-64,283.76

Deposits and other credits cleared (4)

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
------	------	---------	-------	--------------

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
07/08/2021	Deposit			1,275.00
07/13/2021	Deposit			375.00
07/14/2021	Deposit			510.00
07/21/2021	Deposit			150.00
Total				2,310.00

Additional Information

Uncleared checks and payments as of 07/31/2021

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
11/01/2018	Check	2374	BRADLEY D NICKELL	-257.97
03/16/2021	Bill Payment	2750	Postmaster	-3.45
04/13/2021	Bill Payment	2765	DEPARTMENT OF HOUSING...	-242.00
04/20/2021	Journal	2757		-3,000.00
04/20/2021	Bill Payment	2764	DEPARTMENT OF HOUSING...	-243.00
07/20/2021	Bill Payment	2803	Warmerdam CPA Group	-6,746.00
07/20/2021	Bill Payment	2804	Waters Plumbing Heating & Air	-165.00
07/20/2021	Bill Payment	2805	Willdan	-164.00
07/20/2021	Bill Payment	2806	VALLEY ENTRY SYSTEMS, I...	-4,450.27
07/20/2021	Bill Payment	2807	USBank Equipment Finance	-341.06
07/20/2021	Bill Payment	2808	Turf Star, Inc.	-153.43
07/20/2021	Bill Payment	2809	SDRMA-Health Ins.	-6,884.52
07/20/2021	Bill Payment	2810	Rick Brenes	-75.00
07/20/2021	Bill Payment	2811	NBS	-1,094.59
07/20/2021	Bill Payment	2812	CASHIER, DPR	-140.00
07/20/2021	Bill Payment	2813	California Department of Publi...	-453.00
07/20/2021	Bill Payment	2814	Calaveras First Company, Inc.	-144.00
07/20/2021	Bill Payment	2815	AMCA (American Mosquito C...	-675.00
07/20/2021	Bill Payment	2816	Aaronson, Dickerson etal	-2,175.00
07/20/2021	Bill Payment	2817	Saddle Creek II HOA	-1,827.24
07/20/2021	Bill Payment	2818	Saddle Creek II HOA	-1,326.42
07/20/2021	Bill Payment	2819	Saddle Creek II HOA	-417.54
07/20/2021	Bill Payment	2820	Saddle Creek II HOA	-341.70
07/20/2021	Bill Payment	2821	Saddle Creek II HOA	-683.34
Total				-32,003.53

Uncleared checks and payments after 07/31/2021

DATE	TYPE	REF NO.	PAYEE	AMOUNT (USD)
08/04/2021	Check		CA EDD	-247.65
08/04/2021	Check		IRS	-1,067.41
08/05/2021	Check	DD	Gregory Hebard	-2,453.73
08/05/2021	Check	DD	CHRIS JACOBS	-1,508.24
08/05/2021	Check	DD	Gregory Hebard	-200.00
08/05/2021	Check	DD	KYLE W CEARLEY	-1,467.85
08/05/2021	Check	DD	PETER J KAMPA	-2,255.63
08/05/2021	Check	DD	Ralph M. McGeorge	-2,197.87
08/05/2021	Check	DD	WILLIAM KELSEY	-1,393.28
08/05/2021	Check	DD	BRADLEY S KURTZER	-389.48
08/05/2021	Check	DD	NICOLE D MC CUTCHEN	-100.00
08/05/2021	Check	DD	NICOLE D MC CUTCHEN	-1,590.54
08/11/2021	Check		CA EDD	-769.93
08/11/2021	Check		IRS	-4,136.79
Total				-19,778.40

Copper Valley Community Services District

Transaction Report

July 2021

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	AMOUNT
Umpqua Bank Checking					
Beginning Balance					
07/01/2021	Check	dm	John Deere Financial	Tractor Payment	-1,051
07/02/2021	Check	DD	KYLE W CEARLEY	Pay Period: 06/16/2021-06/30/2021	-1,444
07/02/2021	Check	DD	NICOLE D MC CUTCHEN	Pay Period: 06/16/2021-06/30/2021	-1,786
07/02/2021	Check	DD	Ralph M. McGeorge	Pay Period: 06/16/2021-06/30/2021	-2,164
07/02/2021	Check	DD	PETER J KAMPA	Pay Period: 06/16/2021-06/30/2021	-2,256
07/02/2021	Check	DD	Gregory Hebard	Pay Period: 06/16/2021-06/30/2021	-2,415
07/02/2021	Check	DD	DAMON H WAITE	Pay Period: 06/16/2021-06/30/2021	-1,382
07/02/2021	Check	DD	CHRIS JACOBS	Pay Period: 06/16/2021-06/30/2021	-1,424
07/02/2021	Check	DD	NICOLE D MC CUTCHEN	Direct Deposit 2	-100
07/02/2021	Check	DD	Gregory Hebard	Direct Deposit 2	-200
07/02/2021	Check	DD	BRADLEY S KURTZER	Pay Period: 06/16/2021-06/30/2021	-719
07/02/2021	Check	DD	WILLIAM KELSEY	Pay Period: 06/16/2021-06/30/2021	-1,313
07/06/2021	Check	dm	Intuit Full Service Payroll	Payroll Processing Fee	-151
07/08/2021	Check		IRS	Tax Payment for Period: 07/01/2021-07/02/2021	-4,600
07/08/2021	Deposit				1,275
07/08/2021	Check		CA EDD	Tax Payment for Period: 07/01/2021-07/02/2021	-843
07/13/2021	Deposit				375
07/14/2021	Check	dm	Umpqua Bank	Stop Payment fee	-15
07/14/2021	Deposit				510
07/20/2021	Bill Payment (Check)	2817	Saddle Creek II HOA	CCWD Water 7/16/20 - 9/15/20	-1,827
07/20/2021	Bill Payment (Check)	2816	Aaronson, Dickerson etal	Invoice #'s 421441 , 421630	-2,175
07/20/2021	Check	DD	Ralph M. McGeorge	Pay Period: 07/01/2021-07/15/2021	-2,198
07/20/2021	Check	DD	PETER J KAMPA	Pay Period: 07/01/2021-07/15/2021	-2,256
07/20/2021	Check	DD	Gregory Hebard	Pay Period: 07/01/2021-07/15/2021	-2,454
07/20/2021	Bill Payment (Check)	2806	VALLEY ENTRY SYSTEMS, INC.	Invoice #'s 36255, 36027, 37178, 36593, 37433, 37349, 37432	-4,450
07/20/2021	Bill Payment (Check)	2803	Warmerdam CPA Group	Invoice #'s 18206 & 18262	-6,746
07/20/2021	Bill Payment (Check)	2809	SDRMA-Health Ins.	Invoice #35705	-6,885
07/20/2021	Check	DD	CHRIS JACOBS	Pay Period: 07/01/2021-07/15/2021	-1,508
07/20/2021	Bill Payment (Check)	2810	Rick Brenes	Refund of double payment	-75
07/20/2021	Check	DD	NICOLE D MC CUTCHEN	Direct Deposit 2	-100
07/20/2021	Bill Payment (Check)	2812	CASHIER, DPR	Ralph McGeorge application	-140
07/20/2021	Bill Payment (Check)	2814	Calaveras First Company, Inc.	Invoice #47404	-144
07/20/2021	Bill Payment (Check)	2808	Turf Star, Inc.	Invoice #7176829-00	-153
07/20/2021	Bill Payment (Check)	2805	Willdan	Invoice #00334832	-164
07/20/2021	Check	DD	NICOLE D MC CUTCHEN	Pay Period: 07/01/2021-07/15/2021	-1,479
07/20/2021	Check	DD	KYLE W CEARLEY	Pay Period: 07/01/2021-07/15/2021	-1,468
07/20/2021	Check	DD	DAMON H WAITE	Pay Period: 07/01/2021-07/15/2021	-1,406
07/20/2021	Check	DD	WILLIAM KELSEY	Pay Period: 07/01/2021-07/15/2021	-1,393
07/20/2021	Bill Payment (Check)	2818	Saddle Creek II HOA	CCWD Water 9/16/20 - 11/15/20	-1,326
07/20/2021	Bill Payment (Check)	2811	NBS	Invoice #621000327	-1,095
07/20/2021	Check	DD	BRADLEY S KURTZER	Pay Period: 07/01/2021-07/15/2021	-804
07/20/2021	Bill Payment (Check)	2821	Saddle Creek II HOA	CCWD Water 3/16/21 - 5/15/21	-683
07/20/2021	Bill Payment (Check)	2815	AMCA (American Mosquito Control Assn)	Invoice #300007432	-675
07/20/2021	Bill Payment (Check)	2813	California Department of Public Health	Cert #'s 800004744 , 480003382, 610004017	-453
07/20/2021	Bill Payment (Check)	2819	Saddle Creek II HOA	CCWD Water Bill 11/16/20 - 1/15/21	-418
07/20/2021	Bill Payment (Check)	2820	Saddle Creek II HOA	CCWD Water 1/16/21 - 3/15/21	-342
07/20/2021	Bill Payment (Check)	2807	USBank Equipment Finance	Invoice #445057540 & 447368879	-341
07/20/2021	Check	DD	Gregory Hebard	Direct Deposit 2	-200
07/20/2021	Bill Payment (Check)	2804	Waters Plumbing Heating & Air	Invoice #66992	-165
07/21/2021	Deposit				150
07/21/2021	Check		CA EDD	Tax Payment for Period: 04/01/2021-06/30/2021	-55
07/23/2021	Check		IRS	Tax Payment for Period: 07/17/2021-07/20/2021	-4,600
07/23/2021	Check		CA EDD	Tax Payment for Period: 07/17/2021-07/20/2021	-829
07/26/2021	Check	dm	Umpqua Bank Commerical CC	Umpqua CSDA Visa payment	-18,725
07/27/2021	Check	dm	PG&E - 7193		-451
07/30/2021	Check	DD	DAMON H WAITE	Pay Period: 07/16/2021-07/31/2021 Final Check	-2,495
Total for Umpqua Bank Checking					\$ -90,231
TOTAL					\$ -90,231

Copper Valley Comm Srvs District

Credit Card - Transaction Detail by Account

July 2021

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	AMOUNT
2050 Umpqua CSDA Visa					
07/01/2021	Expense		Calaveras Lumber		205.64
07/01/2021	Expense		Copperopolis Cruisers 25		135.68
07/01/2021	Expense		Family Dollar		155.58
07/01/2021	Expense		Intuit - QBO Online		49.00
07/02/2021	Expense		Baldi's Copper Valley Cafe		91.99
07/02/2021	Expense		Verizon Wireless	Verizon telephone	181.24
07/02/2021	Expense		LogMein, Inc.		5.00
07/06/2021	Expense		Copper Auto & Marine		167.05
07/06/2021	Expense		California Waste Recovery Systems		78.16
07/09/2021	Expense		Amazon		17.63
07/11/2021	Expense		Amazon		59.26
07/12/2021	Expense		Aramark Uniform Service		273.44
07/15/2021	Expense		Calaveras Telephone Co.	Calaveras utilities	385.47
07/15/2021	Expense		Drifters Marina & Grill		42.42
07/15/2021	Expense		Copperopolis Cruisers 25		84.64
07/16/2021	Expense		Belkorp Ag, LLC		1,091.11
07/16/2021	Expense		UPS Store		126.15
07/16/2021	Expense		Shell		107.58
07/19/2021	Expense		BG Agri Sales and Service		43.28
07/21/2021	Expense		Ewing		1,089.63
07/21/2021	Expense		Belkorp Ag, LLC		234.63
07/21/2021	Expense		Capital Rubber Co		271.91
07/21/2021	Expense		Amazon		167.60
07/21/2021	Expense		Hose Connection & Rubber Supply Inc		246.17
07/21/2021	Expense		Clutch & Brake Xchange, Inc.		168.89
07/22/2021	Expense		Sonora Airco Gas & Gear		104.50
07/22/2021	Expense		Exxon		100.00
07/22/2021	Expense		McDillard's Feed & Supply		60.00
07/27/2021	Expense		Verizon Wireless	Verizon telephone	53.86
07/27/2021	Expense		Family Dollar		54.46
07/27/2021	Expense		Young's Copper Ace Hardware		150.68
07/29/2021	Expense		Griff's BBQ & Grill		216.86
07/29/2021	Expense		ZOOM Car Wash		156.80
07/29/2021	Expense		Ewing		87.39
Total for 2050 Umpqua CSDA Visa					\$6,463.70
TE TOTAL EXPENSES					
1SS SERVICES & SUPPLIES					
AE Administrative Expenses					
OE02 Finance Expenses					
07/01/2021	Expense		Intuit - QBO Online	Monthly QuickBooks Online Fee	49.00
Total for OE02 Finance Expenses					\$49.00
OE07 Miscellaneous/Contingency					
07/01/2021	Expense		Family Dollar		155.58
07/27/2021	Expense		Family Dollar		54.46
Total for OE07 Miscellaneous/Contingency					\$210.04
OE08 Professional Development					
07/01/2021	Expense		Copperopolis Cruisers 25		135.68
07/02/2021	Expense		Baldi's Copper Valley Cafe		91.99
07/11/2021	Expense		Amazon		59.26
07/15/2021	Expense		Drifters Marina & Grill		42.42
07/15/2021	Expense		Copperopolis Cruisers 25		84.64

Copper Valley Comm Srvs District

Credit Card - Transaction Detail by Account

July 2021

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	AMOUNT
07/16/2021	Expense		Shell		107.58
07/22/2021	Expense		Exxon		100.00
07/29/2021	Expense		Griff's BBQ & Grill		216.86
07/29/2021	Expense		ZOOM Car Wash		156.80
Total for OE08 Professional Development					\$995.23
OE10 Uniform Expense					
07/12/2021	Expense		Aramark Uniform Service		273.44
07/19/2021	Expense		BG Agri Sales and Service		43.28
Total for OE10 Uniform Expense					\$316.72
OE11 Electric Power/Water/Sewer					
07/06/2021	Expense		California Waste Recovery Systems		78.16
Total for OE11 Electric Power/Water/Sewer					\$78.16
OE12 Telephone					
07/02/2021	Expense		Verizon Wireless		181.24
07/15/2021	Expense		Calaveras Telephone Co.		385.47
Total for OE12 Telephone					\$566.71
OE14 Office Supplies/Postage					
07/01/2021	Expense		Calaveras Lumber		205.64
07/02/2021	Expense		LogMein, Inc.		5.00
07/16/2021	Expense		UPS Store		126.15
Total for OE14 Office Supplies/Postage					\$336.79
OE15 Office Equipment Repair/Replace					
07/27/2021	Expense		Verizon Wireless		53.86
Total for OE15 Office Equipment Repair/Replace					\$53.86
Total for AE Administrative Expenses					\$2,606.51
OE Operational Expenses					
OE18 Common Areas					
07/27/2021	Expense		Young's Copper Ace Hardware	Greg	150.68
Total for OE18 Common Areas					\$150.68
OE18-1 Landscape Supplies					
07/21/2021	Expense		Ewing		1,089.63
07/29/2021	Expense		Ewing		87.39
Total for OE18-1 Landscape Supplies					\$1,177.02
OE18-4 Landscape Equip Repair/Replace					
07/06/2021	Expense		Copper Auto & Marine		167.05
07/09/2021	Expense		Amazon		17.63
07/16/2021	Expense		Belkorp Ag, LLC		1,091.11
07/21/2021	Expense		Capital Rubber Co		271.91
07/21/2021	Expense		Hose Connection & Rubber Supply Inc		246.17
07/21/2021	Expense		Clutch & Brake Xchange, Inc.		168.89
07/21/2021	Expense		Belkorp Ag, LLC		234.63
07/21/2021	Expense		Amazon		167.60
Total for OE18-4 Landscape Equip Repair/Replace					\$2,364.99
Total for OE18 Common Areas with subs					\$3,692.69
OE22 Mosquito Abatement Expense					
OE22-2 Mosquito Abatement Monitor/Test					
07/22/2021	Expense		McDillard's Feed & Supply		60.00
Total for OE22-2 Mosquito Abatement Monitor/Test					\$60.00
OE22-4 Mosquito Abatement Equip Maint					
07/22/2021	Expense		Sonora Airco Gas & Gear		104.50

Copper Valley Comm Srvs District

Credit Card - Transaction Detail by Account

July 2021

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	AMOUNT
				Total for OE22-4 Mosquito Abatement Equip Maint	\$104.50
				Total for OE22 Mosquito Abatement Expense	\$164.50
				Total for OE Operational Expenses	\$3,857.19
				Total for 1SS SERVICES & SUPPLIES	\$6,463.70
				Total for TE TOTAL EXPENSES	\$6,463.70



COPPER VALLEY COMMUNITY SERVICES DISTRICT
1000 Saddle Creek Drive
Copperopolis, CA 95228
(209) 785-0100 –
coppervalleycsd.org

DIRECTORS
Larry Hoffman, President
Ken Albertson, Vice President
Roger Golden
Darlene DeBaldo
Scott Baker

**COPPER VALLEY COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS REGULAR MEETING MINUTES**

LOCATION: 1001 SADDLE CREEK DRIVE, COPPEROPOLIS

**July 20, 2021
2:00 PM**

1. **CALL TO ORDER** Meeting called to order at 2:00pm
2. **ROLL CALL** President Hoffman, Vice President Albertson, Director DeBaldo, Director Baker, Director Golden, General Manager Kampa, Office Manager McCutchen, Site Manager Hebard
3. **PLEDGE OF ALLEGIANCE**
4. **CHANGES TO ORDER OF AGENDA** None requested
5. **PUBLIC COMMENT**
6. **CONSENT CALENDAR**
 - a) Review of monthly financial report, approval of bills and claims for the month of June 2021.
 - b) Approval of the minutes from the Regular Board Meeting held June 15, 2021
Motion made by Director Golden to approve the July consent calendar, second made by Vice President Albertson Motion, passed unanimously.
7. **DISCUSSION AND ACTION ITEMS**
 - a) Consideration of a Formal Weed Abatement Program, Ordinance and Policies
 - b) Consideration of Policies, Procedures and Requirements Related to the Operation of the Construction Entrance Gate Discussions took place, it was agreed by CVPartners and the CSD Board mutually to have the CSD move some rocks to block people from going around the construction gate for security purposes.
 - c) Adoption of a Resolution Approving Plan Check and Construction Inspection Agreement with CV Development Partners, LLC for the Completion of the Quail Creek Infrastructure Improvements Intended to be Dedicated to the District Motion made by Vice President Albertson to adopt a resolution approving plan check and construction inspection agreement with CV Development Partners, LLC for the completions of the Quail Creek Infrastructure Improvements intended to be Dedicated to the District with changes made to it stating the work is non-prevailing wage work and that there is an acceptance and acknowledgement that there are only 27 lots under construction and to add this language to the agreement. Second made by Director Director Golden. Motion passed unanimously.
8. **STAFF AND DIRECTOR REPORTS**
 - a) General Managers Report
 - b) Site Managers Report
9. **CLOSED SESSION** Closed session began at 3:11pm
 - a) Conference with Legal Counsel – Anticipated Litigation pursuant to Government Code 54956.9(c) - One Case No action taken
10. **RECONVENE OPEN SESSION** -Closed session ended at 3:31pm
11. **ADJOURNMENT** Meeting adjourned at 3:35pm.



Copper Valley Community Services District
Pavement Preventative Maintenance Program

August
2021
Peter Rei, PE, PLS
Willdan Engineering

Table of Contents

Introduction	3
Executive Summary.....	3
History of Roadway Rehabilitation Investigations 2006-2016.....	4
Pavement Conditions Observed in May 2016.....	4
Roadway Improvement Projects 2018-2020	4
Pavement Conditions Observed in July 2021.....	5
Recommended Schedule for future Roadway Surface Treatments	6
Estimated Cost (2020 \$) of future Roadway Surface Treatments	6
Future Roadway Condition Surveys.....	7
Future Stormdrain Condition Surveys.....	7
Best Management Practices to Extend Pavement Life	8

Attachments

1. Key Map – Copper Valley Community Services District

References

1. Pavement Condition Assessment for Saddle Creek Community Services District, June 2016, Peter Rei, PE
2. Technical Memorandum – Pavement Evaluation for Saddle Creek Resort, August 2006, Jon K Lynch, PE



Introduction

At the request of the Saddle Creek Community Services District Board of Directors Willdan Engineering is pleased to provide the District with this Pavement Maintenance Program. The goal of this program is to assist the District in keeping its roadways in excellent condition by scheduling timely and cost-effective roadway surface treatments on a continuous basis.

Executive Summary

The pavement rehabilitation projects in 2018 and 2020 have brought the District's roadways up to a much better, and more maintainable, standard. Every roadway within the subdivision has either been ground out and replaced with new asphalt or has been treated with a Microsurfing treatment intended to prolong the life of pavements that are in fair to good shape.

A regular program of pavement preservation treatments will keep the District's roadways in good condition and avoid the costly repairs of occasional grinding and replacing of asphalt. Willdan recommends that a surface treatment such as Microsurfing or Type II slurry be placed on a year interval per the guidance of the State of California Pavement Preservation Center at California State University, Chico. The estimated 5 year cycle cost to maintain the District's roadways and striping is estimated at \$ 577,500 (\$115,500 per year in 2025 dollars).

Striping is recommended to be replaced every 2-3 years in order to remain visible. This cost is estimated at approximately \$25,000 per installation. If one additional striping installation is scheduled between every 5 year resurfacing project, this adds \$25,000 (\$5,000 per year) to the 5 year cycle cost, for a total 5 year cycle cost of approximately \$120,500.

Regularly scheduled field observations of both the asphalt conditions and stormdrain conditions is strongly recommended prior to the design and bidding of any future pavement preservation projects.

Ongoing maintenance to control weed growth in cracks is an effective tool to limit the possibility of water getting beneath the pavements and deteriorating the pavement conditions.



History of Roadway Rehabilitation Investigations 2006-2016

This report is a follow-up to the pavement resurfacing projects of Summer 2018 (Saddle Creek Drive and portions of Oak Creek Drive) and Summer 2020 (all other roadways within the Copper Valley Development). It also is a further refinement of the Pavement Condition Assessment Report prepared for the District by Peter Rei in June 2016 and the Technical Memorandum entitled Pavement Evaluation for Saddle Creek Resort prepared by Jon W. Lynch in 2006.

The 2016 report was compiled from field Pavement Condition surveys of all Copper Valley (then Saddle Creek) Community Services District subdivision roads performed in Spring 2016. The 2018 and 2020 Resurfacing projects were designed based on the results of the Spring 2016 field observations of roadway condition and was intended to provide recommendations for future pavement improvements beginning in 2019 and beyond.

The results of the 2016 Report were then used by District staff to create a Roadway Assessment, to be voted upon by the residents, in order to raise the funds to pay for the anticipated costs. That Assessment was approved by the residents in November 2016.

Pavement Conditions Observed in May 2016

The condition of a pavement is rated on a scale of 0 to 100. This rating is called the Pavement Condition Index (PCI). The 2016 Pavement Condition survey results indicated that the average PCI of the District's roadways at that time was 62 with 31.4 % of the roadways determined to be in Poor or Very Poor condition at the time of the field surveys in Spring 2016. This indicated that the District's roadways were well below the desired average PCI of 80 to ensure that yearly maintenance costs are kept to a manageable level.

Roadway Improvement Projects 2018-2020

In Summer 2018 Willdan designed and the District advertised a project which included the grinding and repaving of the Resort Entrance Road, the Resort Roundabout, the entire length of Saddle Creek Drive and a majority of Oak Creek Drive. The areas included in the Summer 2018 Project are highlighted in yellow on the attached As-Built Key Map.

In Summer 2020 the District advertised a project which included the grinding and repaving of the entire length of Rockridge Lane, the entire length of Copper Glen Terrace, a portion of Hawkridge Road and several courts. The project also included placement of a treatment known as Microsurfacing on many other roadways throughout the Copper Valley development. The areas of grinding/resurfacing are highlighted in orange and the areas of Microsurfacing are highlighted in purple on the attached As-Built Key Map.



The original plan for the Summer 2020 Project also included the placement of a fog seal on Quail Creek Drive and Quail Covey Court. However, due to construction activity occurring on those roadways at the time of construction the fog seal was eliminated from the project. These areas are highlighted in red on the attached As-Built Key Map.

Pavement Conditions Observed in July 2021

During early 2021 the District received several calls concerning cracks reappearing in some locations where the microsurfacing treatment had been applied. At the request of General Manager Peter Kampa a meeting was held on July 16, 2021 to review the roadway conditions one year after the conclusion of the 2020 Pavement project. The meeting included the prime contractor (Tom Mayo), the Microsurfacing sub-contractor (Ryan Bangle), Copper Valley CSD (Greg Hebard) and Willdan Engineering (Peter Rei).

The group looked at several locations where cracks have reappeared following the Phase II project in summer 2020. In each case we observed that the rubberized crack seal material was present in the cracks that had reappeared. This is important because the rubberized crack seal is intended to prevent water from getting down under the pavement and causing further deterioration of the asphalt surface. That was the most important goal of the 2020 project.

The cracks that are apparent now are essentially the same cracks that existed prior to the microsurfacing being placed. In the overwhelming majority of locations throughout the subdivision there are no cracks reappearing. This means that the combination of rubberized crack seal material with the microsurfacing placed on top of the roadway covered the vast majority of cracks. The conclusion of the group is that the larger the width of the original crack the more likely that an original crack will reappear. The smaller the width of the original crack the less likely the crack will reappear. This is consistent with what we all observed at our meeting.

The group discussed at some length what the options are for future treatments of the roadway that would eliminate the cracks that have reappeared. We all agreed that asphalt's material properties guarantee that it will crack over time as the summer heat and winter cold cause the roadway to continuously expand and contract. There is really no way to prevent the cracking from happening. Over time all asphalt roadways will crack.

The group also agreed that once an asphalt surface cracks the only real solution to the reappearance of the original cracks is to grind out that section of roadway and repave it with new asphalt. Any surface treatments such as microsurfacing will mask the cracking, but will not eliminate the underlying original crack. As the microsurfacing erodes with time more of the underlying cracks will reappear. This does not mean the project was unsuccessful. It only means that once a road cracks there really is no way to make the crack disappear.

As part of our analysis leading to the design of the 2020 project Willdan recommended grinding and repaving several locations where the asphalt surface had deteriorated to the point where placing a microsurfacing treatment on top of the already failed asphalt would not make sense. In areas where the roadway cracking was less severe we recommended that the remainder of the roadways be treated with the microsurfacing process. Based on the observations of the group that strategy worked very well for the vast majority of roadways within the subdivision. However, in the some areas where there were wider cracks the microsurfacing did not prevent the cracks from reappearing.



Going forward the options for addressing the reappearing cracks are to grind those areas out and resurface them with new asphalt, or continue to treat the roadways with microsurfacing or slurry treatments and live with the cracks. Grinding and repaving is a much more expensive alternative. The good news is the rubberized crack seal material is protecting the roadways from further deterioration caused by water getting under the pavement. That is the primary goal of resurfacing, whether it is new asphalt or microsurfacing. That goal was met with the projects in 2018 and 2020.

It is anticipated that some will say that because there are cracks reappearing one year after construction that the 2020 microsurfacing project “failed”. That is likely to be the opinion of people that expected that the project would produce a “perfect surface” in all locations. What Willdan recommended was not intended to result in a perfect surface in every location. It was intended to provide a good driving surface and eliminate the process that has been causing the deterioration of the roadways, at a cost that was affordable to the District. Continuing to follow this approach will result in much lower pavement replacement costs over time.

Recommended Schedule for future Roadway Surface Treatments

According to the California State Pavement Preservation Center at Chico State University once roadways are brought up to an acceptable standard the recommended interval for resurfacing roadways to keep them in excellent condition (PCI of 80 or greater) is to schedule a microsurfacing or type II slurry treatment every 5 to 7 years. Since the pavement projects at Copper Valley were constructed in 2018 and 2020, using the 5 to 7 year recommendation would indicate that the next treatments should be scheduled for 2025. For planning purposes it is recommended that future roadway resurfacing treatments be scheduled for every 5 years (2030, 2035 etc.).

Estimated Cost (2020 \$) of future Roadway Surface Treatments

The total area of roadway surfaces in the Copper Valley subdivision in 2020 was calculated to be approximately 1,240,00 square feet. The successful bid price from Tom Mayo Construction for microsurfacing was \$2.30 per square yard (\$ 0.256 per square foot) which results in an estimated cost of \$316,889 in 2020 dollars.

The total length of centerline striping is approximately 10,500 linear feet. The successful bid price from Tom Mayo Construction for striping was \$1.00 per lineal foot. Which results in an estimated cost of \$10,500 in 2020 dollars.

Please note that these are only materials cost and do not include the cost of contractor mobilization, traffic control, bonds, and insurance. It also does not include the cost of project bidding or construction inspection for the project engineer.

The Engineering News Record Cost of Construction Index has averaged approximately 3% on a yearly basis over the past decade. Willdan recommends using this 3% yearly construction cost increase to estimate the costs of a pavement preservation project in 2025. Using a 3% yearly increase for 5 years results in an estimated total increase of 16% above 2020 prices by 2025.



The following planning level estimate is for a 2025 project applying microsurfacing over the entire roadway surface as it existed in 2020:

Contractor Mobilization, Bonds, Insurance	\$ 50,000
Traffic Control	\$ 25,000
Crack Sealing	\$ 75,000
Microsurfacing	\$350,000
Striping	\$ <u>25,000</u>
Sub-Total	\$525,000
Bidding/Construction Engineering (10%)	\$ <u>52,500</u>
Total	\$ 577,500

Please note that it will likely be necessary to restripe the roadways on an interval more frequent than 5 years. The current water-based paints that are allowed by the State of California typically lose their visibility after 2-3 years. Allowing for a second striping between resurfacings on a 5 year basis brings the total 5 year cycle for 2020-2025 to approximately \$602,500 or \$120,500 per year in 2020 dollars. This estimate should be used only for planning purposes as it is just that, an estimate. The District is encouraged to get a much more specific engineer's estimate of cost as part of the engineering for the recommended 2025 resurfacing project.

Future Roadway Condition Surveys

As part of the preparation for every future pavement preservation project it is strongly recommended that a thorough observation of each roadway be performed using the Metropolitan Transportation Commission's Street Saver program, or a similar pavement condition rating process. Should those observations indicate that some areas have begun to exhibit signs of pavement distress site specific treatments can be designed to repair those areas before construction of the pavement preservation project. As the recommended interval for resurfacing is every 5 years the roadway condition surveys are recommended to be conducted every five years also, with the condition survey occurring the year prior to the next pavement preservation project.

Future Stormdrain Condition Surveys

In summer 2020 the District also asked Willdan and District staff to investigate the condition of all of the storm drain inlets throughout the subdivision. This resulted in over 50 stormdrains being recommended for repairs. Many of the repairs were cosmetic and involved the addition of concrete to patch areas that had spalled. However, in some locations there were significant settlements observed. In those locations entire sections were removed and replaced to correct drainage and ensure that runoff water actually made it to the drain inlet successfully.

Per the recommendation above Willdan recommends that pavement condition observations to occur one year prior to the next pavement preservation project. It would also be cost-efficient to have the condition of each storm drain inlet reviewed at the same time as the pavement observations. Should any deterioration be observed those repairs could be scheduled prior to the placement of any pavement treatments.



It is further recommended that every ten years a closed circuit TV investigation be done of the stormdrains. This effort involves the use of a camera that travels along the bottom of the stormdrain culverts and records the condition of the pipes. Should any blockages or damage be noticed on the recordings they can then be scheduled for repair/flushing during the summer and fall prior to any winter rain events.

Best Management Practices to Extend Pavement Life

The primary enemy of all asphalt roadways is water. Keeping water out of the base layer beneath the asphalt is the key to having roadways remain in good condition. The best way to keep water from getting beneath the asphalt roadway is to diligently seal the cracks that do occur in a timely manner. Using a rubberized crack sealing material prior to a surface treatment provides the best protection for the roadway and avoids the more costly grinding and overlaying of roadways once water has infiltrated and accelerated the deterioration of the roadway.

As stated earlier in this report all asphalt roadways will crack given enough time. When this occurs it provides the opportunity for soil and water to collect in the crack and weeds to grow. Weed roots often penetrate the pavement allowing water a pathway to get below the asphalt and begin the deterioration process. Regular spraying of the weeds to prevent that deterioration is recommended.





As Built

Description

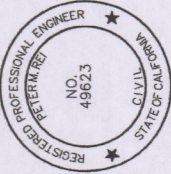
- 2" Overlay
- Fog Seal Deleted
- Micro-Surface
- Striping Only



KEY MAP

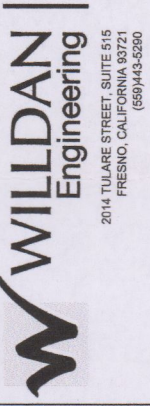


NO.	REVISIONS	DESCRIPTION	APP.	DATE



APPROVED BY:
 PETER KAMBA
 GENERAL MANAGER
 UNDER THE SUPERVISION OF:
 PETER M. REBER
 49623 R.C.E.
 DATE: 01/14/2020

PLANS PREPARED BY:
 DATE: 01/14/2020



COPPER VALLEY COMMUNITY SERVICES DISTRICT
PAVEMENT REHABILITATION PROJECT-PHASE II
 1000 SADDLE CREEK DRIVE,
 COPPEROPOLIS, CA 95228
 (209) 785-0100

KEY MAP
 COPPEROPOLIS, CALIFORNIA

DATE: 01/15/2020
 SCALE: AS-NOTED
 PROJECT NO. 109421
 DRAWN BY: GC
 CHECKED BY: PR
 SHEET: 2 OF 16



BOARD MEETING AGENDA SUBMITTAL

TO: CVCS Board of Directors

FROM: Peter Kampa, General Manager

DATE: August 17, 2021

SUBJECT: b) Review of options and direction regarding the selection of a consulting District Engineer

RECOMMENDED ACTION

I move to direct the General Manager to negotiate and execute a consulting services agreement with Gritz Engineering

BACKGROUND

There are many occasions when the district is in need of professional engineering services in the evaluation, design, inspection, permitting for road, storm drain and other infrastructure and facilities. The district has not in the past selected a consulting district engineer to assist in these matters. We have had the opportunity recently to work with Peter Rei of Willdan engineering who has helped us through the design and implementation of our recent pavement rehabilitation projects. Peter has stated his intention to finally retire and will no longer be able to assist the district. Staff recommends that we select and enter into agreement with local consulting engineer that can get to know our community layout and recent projects, and to assist us with these technical matters, and serve as an extension of Copper Valley CSD staff.

There is no requirement for us to competitively bid for professional consulting services, and it is typical for districts our size to either directly negotiate an agreement, or to prepare an expected scope of work and seek requests for proposals, to review qualifications and select the district engineer more formally. Unfortunately, the process of preparing a request for proposals, evaluating them, and awarding a contract can take a couple months and engineers are very busy currently. Given the timeframe for review and approval as well as inspection of the Quail Creek project, we don't have the luxury of a bunch of time to go through the RFP process. Fortunately, after conversation with Mr. Rei, we have a local consulting engineer, Galen Gritz of Gritz Engineering who has worked successfully with Peter Rei and your general manager on other local projects. Galen is qualified, able and interested in assisting the district.

If the board so chooses to proceed with contracting for the services of Gritz Engineering, we can do so either having him serve specifically for the project at hand or as district engineer for this short term project and other general work. As with any agreement for consulting services we will be able to terminate the agreement if the relationship doesn't work out and move on in another manner. Working with Galen for several years I believe he will provide an excellent and cost effective service for the district.

Plan Check and Construction Inspection Agreement Exhibit B, Cost Estimate Worksheet

IMPORTANT NOTE: This worksheet is for estimating costs in advance of project implementation and in no way establishes firm costs, work scopes, schedules, timelines or costs for unexpected items or work. Simply because a particular work items is not listed, or is listed with a particular effort level, does not mean that the item is or is not necessary, or the amount of hours or cost estimated is correct

Step	Items	Staff Hours Quantity	Staff Cost (\$)	Consultant/Legal Cost (\$)
			Estimated	Estimated
	<i>Work typically performed by consultants</i>			
S T E P 1	Application Review	0.50	\$22.54	
	Prepare and process advance funding agreement	0.00	\$0.00	\$0.00
	Personnel and Consultant scope determination	4.00	\$180.28	\$0.00
	Produce legal, engineering, environmental consultant cost estimates	1.50	\$67.61	
	<i>Produce and review applicable maps, models, and reports to assist Developer in preparing a Sub-Area Master Plan (SAMP) and environmental documentation required by the California Environmental Quality Act ("CEQA Documentation")</i>	0.00	\$0.00	\$0.00
	<i>Assemble and provide to Developer information, standards and drawings regarding District roads, facilities, equipment and services provided, permit processes</i>	2.00	\$90.14	\$500.00
	Assemble and provide information to Developer regarding future planning activities contemplated by the District with respect to its road, storm drainage, common area Improvements and Services	0.00	\$0.00	\$0.00
	Review, analyze and report on the implications of annexation of all or a part of the Project into the jurisdictional boundaries of the District if required by the parameters of the Project as proposed by Developer	0.00	\$0.00	\$0.00
SUBTOTAL STEP 1		8.00	\$360.56	\$500.00

IMPORTANT NOTE: This worksheet is for estimating costs in advance of project implementation and in no way establishes firm costs, work scopes, schedules, timelines or costs for unexpected items or work. Simply because a particular work items is not listed, or is listed with a particular effort level, does not mean that the item is or is not necessary, or the amount of hours or cost estimated is correct

			Staff Cost (\$)	Consultant/Legal Cost (\$)
Step	Items	Staff Hours Quantity	Estimated	Estimated
S T E P 2	Assist Developer in preparation, revision, and finalization of the Sub-Area Master Plan (SAMP) and appropriate environmental documentation pursuant to CEQA for the proposed Project	0.00	\$0.00	
	Provide for review and approval of the SAMP by the District Board of Directors;	0.00	\$0.00	\$0.00
	Interface with County with respect to the details of the SAMP	0.00	\$0.00	
	Prepare for and perform all functions required of a Lead Agency under CEQA regarding approval of the SAMP; work with the designated Environmental Consultants regarding appropriate and comprehensive CEQA Documentation for the SAMP; meet with and coordinate with County officials regarding CEQA Documentation and approval of SAMP; review and analyze the Developer Information Form and perform due diligence regarding information provided by Developer in Developer Information Form	0.00	\$0.00	
	Establish and monitor a Trust Fund for deposit of funds by Developer pursuant to this Agreement;	12.00	\$540.84	
	Review, analyze, comment upon and revise as necessary CEQA Documentation prepared by Developer and the Environmental Consultant for the SAMP	0.00	\$0.00	\$0.00
	Review and analysis of the SAMP regarding present system capacities, future system capacities with planned build-out of the Project, impact of the Project on present and future capacities, discussion of alternative infrastructure improvement methods for the Project	2.00	\$90.14	\$0.00
	Evaluation of alternatives presented in the SAMP for capital and analyze long-term operations and maintenance costs as well as impacts on other services provided by District	0.00	\$0.00	\$0.00
	Review and analysis of detailed financial impact analysis as part of the SAMP including long-term financial impacts on existing District customers for providing services to the Project, analysis and revision of the proposed mitigation efforts to minimize the impacts of the Project on the District's existing customer base	0.00	\$0.00	\$0.00
	Review, revision and negotiation regarding elements of the SAMP between Developer and the District's Board of Directors	0.00	\$0.00	\$0.00
SUBTOTAL STEP 2		14.00	\$630.98	\$0.00

IMPORTANT NOTE: This worksheet is for estimating costs in advance of project implementation and in no way establishes firm costs, work scopes, schedules, timelines or costs for unexpected items or work. Simply because a particular work items is not listed, or is listed with a particular effort level, does not mean that the item is or is not necessary, or the amount of hours or cost estimated is correct

			Staff Cost (\$)	Consultant/Legal Cost (\$)
Step	Items	Staff Hours Quantity	Estimated	Estimated
S T E P 3	Negotiate, prepare, present to Board of Directors for approval and execution of a Development Agreement between Developer and District for the Project;	2.50	\$112.68	\$0.00
	If all or any part of the Project is required to be annexed into the District, negotiation, preparation, Board review and approval of an Annexation Agreement between Developer and District	0.00	\$0.00	
	Review, revision, and negotiation of Developer's Project Design by District Staff and Consultants in order to insure compliance with District's Development Improvement Standards	6.00	\$270.42	\$1,000.00
	All construction administration and inspection required for construction of the Improvements to comply with District standards including review of inspection plans, reports, status, submittals, material testing data compiled by third party inspector	20.00	\$901.40	\$2,000.00
	Review, revision and approval of all security facilities required of Developer for construction of the Improvements whether performance bonds, payment bonds, irrevocable letters of credit, cash deposits, or otherwise	1.00	\$45.07	\$0.00
	Review and inspection of the construction of the Improvements upon completion, as-built drawing review, compilation of documents in order to recommend final Project approval	1.00	\$45.07	\$500.00
	Revision and due diligence of any warranty security provided by Developer	0.00	\$0.00	\$0.00
SUBTOTAL STEP 3		30.50	\$1,374.64	\$3,500.00

IMPORTANT NOTE: This worksheet is for estimating costs in advance of project implementation and in no way establishes firm costs, work scopes, schedules, timelines or costs for unexpected items or work. Simply because a particular work items is not listed, or is listed with a particular effort level, does not mean that the item is or is not necessary, or the amount of hours or cost estimated is correct

			Staff Cost (\$)	Consultant/Legal Cost (\$)
Step	Items	Staff Hours Quantity	Estimated	Estimated
STEP 4	Analyze and inspect the Improvements for the two-year warranty period to ensure that all warranty obligations of Developer are satisfied	1.00	\$45.07	\$500.00
	Review, renew and update as possible any performance warranty bonds or irrevocable letters of credit offered by Developer to satisfy its warranty obligation	0.50	\$22.54	
	If necessary for the Project, comply with all the requirements of the annexation process including conducting public hearings and board meetings regarding annexation; negotiations with and meetings with Developer and the Local Agency Formation Commission (LAFCO) regarding terms and conditions of the annexation; reviewing any and all LAFCO documentation and attending all LAFCO hearings regarding annexation; reviewing and revising any terms or conditions of annexation assigned by LAFCO to any proposed annexation	0.00	\$0.00	\$0.00
	Analysis of all easements and rights of way for the maintenance, repair and replacement of all Improvements constructed by Developer pursuant to this Agreement. Receive, review, process and update as-built drawings, maps and update electronic records of easements and infrastructure.	0.50	\$22.54	\$1,000.00
	Process all requests for easements to be granted by the District on District property, including, but not limited to, review of all applicable Preliminary Title Reports on the affected property, field inspection and investigation of proposed easement locations, negotiation of the terms and conditions of each easement in an Easement Agreement, negotiate, prepare, and record any and all necessary grants of easements or other rights of way upon District property necessary for the development of the Project	1.00	\$45.07	\$450.00
SUBTOTAL STEP 4		3.00	\$135.21	\$1,950.00
PROJECT TOTAL		55.50	\$2,501.39	\$5,950.00
ESTIMATED TOTAL DEPOSIT(S) AND COSTS		\$8,451.39		
LESS APPLICATION DEPOSIT		\$5,000.00		
ESTIMATED ADDITIONAL DEPOSIT		\$3,451.39		