1.0 Background

The Green Valley Oaks Zone of Benefit #69 was formed on August 6, 1991 by the El Dorado County Board of Supervisors in resolution #264-91. The purpose of the zone is to improve and maintain those roads in the geographic area of the zone that have been offered by the county through an irrevocable offer of dedication. Exhibit A is an exhibit map that illustrates the external boundaries and roadways. The exhibit also demarks parcels contributing to supplemental maintenance of side roads as defined in the By-Laws. The assessor's parcels shown in Table A are included within the Zone of Benefit. There are currently a total of 95 parcels within the Zone of Benefit. The zone is generally divided into five areas with area 1-4 being served by Mulberry Lane and area 5 being served by Blendo Green Way.

2.0 Description of Facilities Receiving Maintenance

Facilities within the zone maintenance include two major roadways being Mulberry Lane and Blendo Green Way. Side roads receiving maintenance include Meesha Lane, East Oak Ridge Road, West Oak Ridge Road, Valley Oaks Court, Tosca Court, and Spring Circle. The side roads maintenance costs are supplemental to the major roads.

3.0 Method of Apportioning Costs

The following principles will govern assessments with the zone:

- a. Each parcel within the Zone of Benefit will be assessed an equal share of the administrative costs of running the zone.
- b. Parcels in Areas 1, 2, 3, and 4 will each be assessed an equal share of the costs of improving and maintaining Mulberry Lane between Green Valley road and the intersection with Dragon Spring Road. (This part of Mulberry Lane will be referred to hereinafter as the "heavily used part of Mulberry.") All parcels are of similar size, value, and receive equal benefit. This is the historic and accepted proportionment.
- c. Certain parcels in Areas 1, 2, 3, and 4 are located on the "side roads" (side roads being defined as roads other than the heavily

used part of Mulberry). Owners of these parcels will be assessed an equal share of the costs of maintaining and improving the particular side road or roads by which they access the heavily used part of Mulberry (if those roads have been offered up to the county).

- d. All roads in Area 5 will be assessed an equal share of the cost of improving and maintaining Blendo Green Way. All parcels are of similar size, value and receive equal benefit. This is the historic and accepted proportionment.
- e. Certain parcels in Area 5 are located on side roads other than Blendo Green Way. Owners of these parcels will be assessed an equal share of the costs of maintaining and improving the particular side road by which they access Blendo Green Way.

Annual maintenance costs are per lot and are based on the sum of an overlay at 30 years, crack sealing and patching at 10 years and slurry seal at 7 years except Area 5. In Area 5 annual maintenance costs are per lot and are based on the sum of crack sealing, patching, and chip sealing at 10 years.

The County of El Dorado Policy and Procedure Guidelines for Creation and Administration of Zones of Benefit within a County Service Area, adopted June 2, 1987 require that the benefit assessment of special tax for a zone be in an amount sufficient to cover the cost of obtaining insurance, and the associated administrative and other costs incurred by the County on behalf of the zone. Actual costs vary from time to time depending upon the activities within the zone, with additional administration efforts required for contract and/or bid preparation.

Annual County costs typically amount to approximately\$4,800.00 Years during which a contract or bid is required; the additional cost for administrative time is estimated at approximately \$2,800.00. The

annual allowance for administrative costs based on the 30 year maintenance schedule included in the Apportionment Calculations include one overlay; three patching/crack sealing and three chip seals done concurrently under a single contract; four slurry seals; the maintenance proposed at 30 years is patching and overlay which would be accomplished under a single contract. An annual assessment of \$5,080.00 will be required.

4.0 Apportionment Calculations

APPORTIONMENT CALCULATION SUMMARY ENGINEERS ESTIMATE OF ROAD MAINTENANCE AND ADMINISTRATION GREEN VALLEY OAKS ZONE #69

DATED:

DESCRIPTION	LOTS	ROAD MAINTENANCE		ANNUAL TOTALS	TOTAL SUMMATION
Mulberry	76	\$	108.04	\$174.12	\$8,211.24
Meesha- Supplement	17	\$	273.55	\$447.67	\$4,650.37
East Oak Ridge- Supplement	5	\$	407.50	\$581.62	\$2,037.48
Valley Oak -Supplement	5	\$	127.44	\$301.56	\$637.18
Tosca Court- Supplement	2	\$\$	350.69	\$524.81	\$701.39
Blendo Green Way	19	\$	95.33	\$161.41	\$1,811.25
West Oak Ridge Way- Supplement	5	\$	173.74	\$335.15	\$868.70
Spring Circle- Supplement	9	\$	227.84	\$389.25	\$2,050.59
Administration	95	\$	66.08		\$6277.41 \$27,245.61

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY OAKS ZONE #69 MULBERRY LANE, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT
Crack Sealing/ Patching	86,000	SF	\$0.14		\$12,040.00		
Slurry Seal	86,000	SF	\$0.17			\$14,620.00	
2" Overlay	86,000	SF	\$1.15	\$98,900.00			
Street Signs	1	EA	\$100.00		\$100.00		
Stop Bar Striping	1	EA	\$250.00			\$250.00	
Stop Sign	1	EA	\$100.00		\$100.00	<u> </u>	
Total Road Maintenance Cost				\$98,900.00	\$12,240.00	\$14,870.00	
Annual Road Maintenance Cost				\$3,296.66	\$1,224.00	\$2,124.29	\$6,644.9
Estimated Total Mai	ntenance Cost	at Future Valu	e (FV):	_			
Total Maintenance C year= FV	ost @ 1% per		(1+.01) ³⁰ =				\$8,956.40
Estimated Average A	Annual Mainter	nance (Present	Value + Future \	/alue)÷1.9=			\$8,211.24
Estimated Annual Ma 76 Lots	aintenance Cos	st Per Lot,					\$108.04

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY OAKS ZONE #69 MEESHA LANE, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT	
Crack Sealing/ Patching	56,340	SF	\$0.14		\$7,887.60			
Slurry Seal	56,340	SF	\$0.17			\$9,577.80		
11/2" Overlay	56,340	SF	\$0.85	\$47,889.00				
Street Signs	1	EA	\$100.00		\$100.00			
Total Road Mai	intenance Co	ost		\$47,889.00	\$7,987.60	\$9,577.80		
Annual Road M	laintenance	Cost		\$1,596.30	\$798.76	\$1,368.26	\$3,763.32	
Estimated Tota	l Maintenan	ce Cost at Fut	ure Value (FV):	_				
Total Maintena year≃ FV	nce Cost @ 1	l% per	(1+.01)30 =				\$5,072.39	
Estimated Aver	Estimated Average Annual Maintenance (Present Value + Future Value) ÷1.9 = \$4,650.37							
Estimated Annu	ual Maintena	nce Cost Per I	Lot, 17 Lots	_			\$273.55	

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

Exhibit B

APPORTIONMENT CALCULATIONS

ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY

OAKS ZONE #69 EAST OAKRIDGE RD PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT		
Crack Sealing/ Patching	24,600	SF	\$0.14		\$3,444.00				
Slurry Seal	24,600	SF	\$0.17			\$4,182.00			
11/2" Overlay	24,600	SF	\$0.85	\$20,910.00					
Street Signs	1	EA	\$100.00		\$100.00		****		
Total Road Mai	intenance Cı	ost		\$20,910.00	\$3,544.00	\$4,182.00			
Annual Road M	laintenance	Cost		\$697.00	\$354.40	\$597.43	\$1,648.83		
Estimated Total	<u>l Maintenan</u>	ce Cost at Futu	re Value (FV):	-					
Total Maintena year= FV	nce Cost @ 1	l% per	(1+.01)30 =				\$2,222.37		
Estimated Aver	Estimated Average Annual Maintenance (Present Value + Future Value) ÷1.9 =								
Estimated Annu	Estimated Annual Maintenance Cost Per Lot, 5 Lots								

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS

ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST

GREEN VALLEY OAKS ZONE #69 VALLEY OAKS COURT, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT
Crack Sealing/ Patching	7,590	SF	\$0.14		\$1,062.60		
Slurry Seal	7,590	SF	\$0.17			\$1,290.30	
1½" Overlay	7,590	SF	\$0.85	\$6,451.50			
Street Signs	1	EA	\$100.00		\$100.00		
Total Road Mai	Total Road Maintenance Cost \$6,451.50 \$1,162.60						
Annual Road M	laintenance	Cost		\$215.05	\$116.26	\$184.32	\$515.64
Estimated Tota	Maintenand	ce Cost at Futu	re Value (FV):	_			
Total Maintena year= FV	nce Cost @ 1	.% per	(1+.01)30 =				\$695.00
Estimated Aver	age Annual I	<u> Maintenance (</u>	Present Value + Fu	ture Value) ÷	1.9 =	-	\$637.18
Estimated Annu	stimated Annual Maintenance Cost Per Lot, 5 Lots						

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY OAKS ZONE #69 TOSCA COURT, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT					
Crack Sealing/ Patching	8,370	SF	\$0.14		\$1,171.80							
Slurry Seal	8,370	SF	\$0.17			\$1,422.90						
1 1/2" Overlay	8,370	SF	\$0.85	\$7,114.50								
Street Signs	1	EA	\$100.00	****	\$100.00							
Total Road Ma	Total Road Maintenance Cost					\$1,422.90						
Annual Road M	laintenance	Cost		\$237.15	\$127.18	\$203.27	\$ 567.60					
Estimated Tota	l Maintenan	ce Cost at Futu	re Value (FV):	•								
Total Maintena year= FV	nce Cost @ 1	l% per	(1+.01)30 =				\$ 765.04					
Estimated Average Annual Maintenance (Present Value + Future Value) +1.9 =							\$ 701.39					
Estimated Annu	ual Maintena	nce Cost Per L	ot, 2 Lots	_	Estimated Annual Maintenance Cost Per Lot, 2 Lots							

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY OAKS ZONE #69 BLEND O GREEN, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT
Crack Sealing/ Patching	32,290	SF	\$0.14	33	\$4,520.60		
Chip Seal	32,290	SF	\$0.30		\$9,687.00		
Street Signs	1	EA	\$100.00		\$100.00		
Stop Bar Striping	1	EA	\$250.00		\$250.00		
Stop Sign	1	EA	\$100.00		\$100.00		
Total Road Ma	intenance Co	est			\$14,657.60	,	
Annual Road M	laintenance	Cost			\$1,465.76		\$1,465.76
Estimated Tota	l Maintenand	e Cost at Futu	re Value (FV):				
Total Maintena year= FV	nce Cost @ 1	% per	(1+.01)30 =				\$1,975.62
Estimated Average Annual Maintenance (Present Value + Future Value) ÷1.9 =							\$1,811.25
Estimated Annual Maintenance Cost Per Lot, 19 Lots							\$95.33

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY OAKS ZONE #69 WEST OAK RIDGE ROAD, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUN
Crack Sealing/ Patching	15,750	SF	\$0.14		\$2,205.00	· · ·	
Chip Seal	15,750	SF	\$0.30		\$4,725.00		
Street Signs	1	EA	\$100.00		\$100.00		
ou cot orgino	-		_	· · · · · · · · · · · · · · · · · · ·	4100.00		
Total Road Mai	ntenance						
Cost					\$7,030.00		
Annual Road M	aintenance	Cost			\$703.00		\$703.00
Estimated Tota	Maintenan	ce Cost at Futu	re Value (FV):				
Total Maintena year= FV	nce Cost @ 1	l% per	(1+.01)30 =				\$947.54
Estimated Aver Value)÷1.9=	age Annual	Maintenance (i	Present Value + Futu	re			\$868.70
Estimated Annu		\$173.74					

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ROAD MAINTENANCE NEED & COST GREEN VALLEY OAKS ZONE #69 SPRING CIRCLE, PLACERVILLE

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	30 YRS	10 YRS	7YRS	TOTAL AMOUNT	
Crack Sealing/ Patching	37,260	SF	\$0.14		\$5,216.40			
Chip Seal	37,260	SF	\$0.30		\$11,178.00			
Street Signs	2	EA	\$100.00		\$200.00			
Total Road Mai	intenance Co	ost		\$0	\$16,594.40	\$0		
Annual Road M	laintenance	Cost		\$0	\$1,659.44	\$0	\$1,659.44	
Estimated Tota	l Maintenan	ce Cost at Futu	re Value (FV):	_				
Total Maintena year= FV	nce Cost @ 1	.% per	(1+.01)30 =				\$2,236.67	
Estimated Aver	Estimated Average Annual Maintenance (Present Value + Future Value) + 1.9 =							
Estimated Annu	Estimated Annual Maintenance Cost Per Lot, 9 Lots							

^{*}Additional reserve funding assumes interested on accrued balances will supplement the account and meet or exceed inflation.

APPORTIONMENT CALCULATIONS ENGINEERS ESTIMATE OF ADMINISTRATION COST GREEN VALLEY OAKS ZONE #69

DESCRIPTION	QUANITY	MEASURE UNITS	UNIT PRICE	TOTAL AMOUNT					
Annual Administration	30	EA	\$4,800.00	\$144.000.00					
Contract Administration	7	EA	\$1,200.00	\$8,400.00					
Total Administration Cost									
Annual Administration Cos	st			\$5,080.00					
Estimated Total Administr	ation Cost at Future	Value (FV):	·						
Total Administration Cost	@ 1% per year= FV	(1+.01)30 =		\$6,847.07					
Estimated Average Annual Maintenance (Present Value + Future Value) + 1.9 =									
Estimated Annual Maintenance Cost Per Lot, 95 Lots									



4.0 Apportionment Calculations

APPORTIONMENT CALCULATION SUMMARY

ENGINEERS ESTIMATE OF ROAD MAINTENANCE AND ADMINISTRATION

GREEN VALLEY OAKS ZONE #69

IMPOUND AMOUNT ADJUSTMENT

DESCRIPTION	LOTS	ROAD	ANNUAL	TOTAL	IMPOUND	IMPOUND	ADJUSTED AMOUNT
		MAINTENANCE	TOTALS	SUMMATION	ACCOUNT	ADJUSTMENT	TOTAL
Mulberry	76	\$ 108.04	\$174.12	\$8,211.24	0	0	\$174.12
Meesha- Supplement	17	\$ 273.55	\$447.67	\$4,650.37	+\$7793.66	-15.28	\$432.39
East Oak Ridge- Supplement	5	\$ 407.50	\$581.62	\$2,037.48	+\$11,852.10	-\$79.01	\$502.61
Valley Oak -Supplement	5	\$ 127.44	\$301.56	\$637.18	+0	-0	\$301.56
Tosca Court- Supplement	2	\$ 350.69	\$524.81	\$701.35	+\$1,450.24	-\$24.17	\$500.64
Blendo Green Way	19	\$ 95.33	\$161.41	\$1,811.25	+\$14,737.00	-\$25.85	\$135.56
West Oak Ridge Way- Supplement	5	\$ 173.74	\$335.15	\$868.70		\$0	\$312.14
Spring Circle- Supplement	9	\$ 227.84	\$389.25	\$2,050.59		\$0	\$366.24
Administration	95	\$ 66.08		\$6277.41			
				\$27245.61			

5.0 Summary of Individual Assessment-Table A – Adjustment for Impounds

<u>Diagram Lot</u> Number	Assessors Parcel No.	Annual Assessment	<u>Diagram Lot</u> Number	<u>Assessors</u> Parcel No.	Annual Assessment
1	317-180-07	432.39	27	317-230-61	174.12
2	317-180-08	432.39	28	317-230-20	174.12
3	317-180-09	432.39	29	317-230-13	174.12
4	317-180-19	432.39	30	317-240-26	174.12
5	317-180-21	432.39	31	317-240-27	174.12
6	317-180-22	432.39	32	317-240-19	174.12
7	317-180-06	432.39	33	317-240-20	174.12
8	317-230-62	174.12	34	317-240-22	174.12
9	317-230-30	174.12	35	317-240-21	174.12
10	317-230-45	174.12	36	317-240-29	174.12
11	317-230-27	174.12	37	317-240-28	174.12
12	317-230-28	174.12	38	317-240-25	174.12
13	317-230-21	174.12	39	317-240-23	174.12
14	317-230-22	174.12	40	317-273-02	500.64
15	317-230-23	174.12	41	317-273-03	500.64
16	317-230-24	174.12	42	317-240-24	174.12
17	317-230-25	174.12	43	317-273-04	174.12
18	317-230-26	174.12	44	317-273-05	174.12
19	317-230-48	174.12	45	317-273-06	174.12
20	317-230-47	174.12	46	317-272-02	432.39
21	317-230-34	174.12	47	317-271-04	174.12
22	317-230-33	174.12	48	317-273-01	174.12
23	317-230-32	174.12	49	317-271-02	174.12
24	317-230-19	174.12	50	317-271-03	432.39
25	317-230-46	174.12	51	317-271-01	432.39
26A	317-230-52	174.12	52	317-190-32	432.39
26B	317-230-51		53A	317-190-35	432.39
			53B	317-190-28	

Summary of Individual Assessment- Table A- Continued

Diagram Lot Number	Assessors Parcel No.	Annual Assessment	<u>Diagram Lot</u> <u>Number</u>	Assessors Parcel No.	Annual Assessment
54	317-190-34	432.39	75	317-203-07	312.14
55	317-190-33	432.39	76	317-272-01	432.39
56	317-190-31	432.39	77	317-203-08	312.14
57	317-190-30	432.39	78	317-203-03	502.61
58	317-201-09	135.56	79	317-203-04	502.61
59	317-201-06	366.24	80	317-203-05	174.12
60	317-201-05	366.24	81	317-211-14	174.12
61	317-201-05	366.24	82	317-221-01	174.12
62	317201-03	366.24	83	317-221-02	301.56
63	317-201-02	366.24	84	317-221-03	301.56
65	317-211-08	135.56	85	317-221-04	301.56
66	317-211-07	135.56	86	317-221-11	301.56
67	317-201-01	366.24	87	317-221-06	301.56
68	317-202-02	366.24	88	317-221-07	174.12
69	317-202-01	366.24	89	317-221-08	174.12
70	317-202-03	366.24	92	317-211-16	174.12
71A	317-211-06	135.56	93	317-211-15	174.12
71B	317-211-09		94	317-211-13	502.61
72	317-211-18	135.56	95	317-211-12	502.61
73	317-211-05	312.14	96	317-211-11	502.61
74A	317-211-01	312.14	97	317-211-10	312.14
74B	317-211-02		98	317-211-17	174.12

6.0 Annual Accrual

O.U AII	nual Accrua	<u> </u>	1		T	
Year	Annual Revenue	(5080.00) 1 year Administration	(31,3343.00) 7 year Contract	(64,488.00) 10 year Contract	(181,265.00) 30 year Contract	<u>Balance</u>
1	\$27,245.61	\$5,080.00				22,165.61
2	\$27,245.61	\$5,182.11				44,229.11
3	\$27,245.61	\$5,233.93				66,240.79
4	\$27,245.61	\$5,286.27				88,200.13
5	\$27,245.61	\$5,339.13				110,106.61
6	\$27,245.61	\$5,392.52				131,959.70
7	\$27,245.61	\$5,446.45	\$ 33,603.94			120,154.92
8	\$27,245.61	\$5,500.91				141,899.62
9	\$27,245.61	\$5,555.92				163,589.31
10	\$27,245.61	\$5,611.48		\$ 71,234.87		113,988.57
11	\$27,245.61	\$5,667.60				135,566.58
12	\$27,245.61	\$5,724.27				157,087.92
13	\$27,245.61	\$5,781.51				178,552.02
14	\$27,245.61	\$5,839.33	\$ 36,027.97			163,930.33
15	\$27,245.61	\$5,897.72				185,278.22
16	\$27,245.61	\$5,956.70				206,567.13
17	\$27,245.61	\$6,016.27				227,796.47
18	\$27,245.61	\$6,076.43				248,965.65
19	\$27,245.61	\$6,137.19				270,074.07
20	\$27,245.61	\$6,198.57		\$ 78,687.62		212,433.49
21	\$27,245.61	\$6,260.55	\$ 38,626.86			194,791.69
22	\$27,245.61	\$6,323.16				215,714.14
23	\$27,245.61	\$6,386.39				236,573.36
24	\$27,245.61	\$6,450.25				257,368.72
25	\$27,245.61	\$6,514.75				278,099.58
26	\$27,245.61	\$6,579.90				298,765.29
27	\$27,245.61	\$6,645.10				319,365.44
28	\$27,245.61	\$6712.16	\$ 41,413.22			298,486.03
29	\$27,245.61	\$6,779.28				318,952.31
30	\$27,245.61	\$6,847.07		\$ 86,920.08	\$244,317.83	8112.99
	\$817,368.30	\$178,422.92	\$149,671.99	\$236,842.57	\$244,317.83	\$8,112.99

