

APPENDICES

- APPENDIX A – Capital Improvement Programs, Cash Flow Analyses, and Supporting Information.
- APPENDIX B – Dwelling Unit Equivalent (Due) Schedules.
- APPENDIX C – Total Remaining DUEs for all Facility Development Fee Components of the Vineyard Fee Program.
- APPENDIX D – Construction Costs for Roadway Projects.
- APPENDIX E – Roadway Development Fee Subzone 1 Contributions.

APPENDIX A

Appendix A includes the Capital Improvement Programs (CIPs) for each development fee component. In addition, Appendix A includes the cash flow analyses based upon the CIPs for the EGWV Roadway Development Fee component and the SRPD Development Fee component. Appendix A also includes the supporting information for these items. The contents of Appendix A are:

- ▶ Appendix A-1: Vineyard Roadway CIP
- ▶ Appendix A-2: Vineyard Roadway CIP Cash Flow Analysis
- ▶ Appendix A-3: Transit Development Fee CIP
- ▶ Appendix A-4: SRPD Park Improvement Development Fee CIP
- ▶ Appendix A-5: VSCP SRPD Park Improvement Development Fee CIP
- ▶ Appendix A-6: Library Development Fee CIP

KA-1

6	7	8	9	10	11	12	13	14	15	16	17	18
010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
923,191	\$3,214,031	\$3,369,308	\$4,437,426	\$2,321,922	\$1,216,329	\$4,980,723	\$3,497,624	\$1,831,079	\$4,101,889	\$4,649,270	\$2,587,200	\$299,669
	268,841											
		943,347										
			1,397,845									
					1,181,594	2,363,188	1,181,594					
		248,296							1,734,430	1,640,658	693,772	
		145,455										
			925,623									
								753,693	753,693			
								378,274	378,274			
										642,352	642,352	
								346,156	346,156			
379,245	379,245	758,489										
				244,179								
				779,557								
134,601												299,069
								23,611				
		109,376						23,611				
	45,405											
						1,690,000						
			147,450									
									174,542	523,627	1,047,253	
473,340												
										2,136,899		
			429,000									
429,000		429,000			429,000							
		429,000										
429,000												
						91,000						
							530,800					
	1,542,546											
								2,010,225				
									409,659			
			1,166,772									
				922,451								
672,260	672,260											
305,735	305,735	305,735	305,735	305,735	305,735	305,735	305,735	305,735	305,735	305,735	203,823	0

APPENDIX A - 2 (Revised)

VINEYARD P. F. F. P.
VINEYARD ROADWAY C.I.P. CASH FLOW ANALYSIS

BUILDOUT SUMMARY		PROGRAM YEAR:					
		1	2	3	4	5	6
FEE PER DUE:	\$12,472	2005/2006 6.00%	2006/2007 6.00%	2007/2008 6.00%	2008/2009 6.00%	2009/2010 6.00%	2010/2011 6.00%
TOTAL DUES:	4,490	269	269	269	269	269	269
THE 20 YEAR DUE FORECAST:		269	539	808	1,078	1,347	1,616
CUMULATIVE:							
DEVELOPMENT FEE SCHEDULE							
Fee Per Dwelling Unit Equivalent (June 1, 2005 Dollars)		\$12,472	\$12,472	\$12,472	\$12,472	\$12,472	\$12,472
Base Fee							
Fee Per Dwelling Unit Equivalent (In Actual-Year Dollars)		\$12,472	\$12,721	\$12,976	\$13,235	\$13,500	\$13,770
Base Fee							
DETAILED ANALYSIS OF OVER 20 YEAR PERIOD - ACTUAL YEAR DOLLARS							
		1	2	3	4	5	6
Fund Balance - As of June 30, 2005		\$16,341,533					
Fund Balance - Start of Period			\$10,258,176	\$7,286,940	\$1,495,885	\$2,222,830	\$1,229,246
Revenues							
Fee Based on DUEs	\$65,702,194	\$3,359,957	3,427,156	\$3,495,699	\$3,565,613	\$3,636,925	\$3,709,664
Other Revenues	\$0		0				
EXPENDITURES FOR PUBLIC IMPROVEMENTS	\$82,992,474	\$9,443,314	\$6,610,632	\$9,330,324	\$2,893,575	\$4,666,313	\$3,148,087
Interest Earnings on Fund Balance	\$950,129	\$0	\$212,241	\$43,569	\$54,907	\$35,803	\$45,260
Net Revenues (Less Expenditures)	\$1,382	(\$6,083,357)	(\$2,971,235)	(\$5,791,056)	\$726,946	(\$993,584)	\$606,836
Fund Balance - End of Period		\$10,258,176	\$7,286,940	\$1,495,885	\$2,222,830	\$1,229,246	\$1,836,083

APPENDIX A - 2 (Revised)

VINEYARD P. F. F. P.
VINEYARD ROADWAY C.I.P. CASH FLOW ANALYSIS

BUILDOUT SUMMARY	PROGRAM YEAR:					
	7	8	9	10	11	12
FEE PER DUE:	\$12,472					
Year:	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Percentage:	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Due per year:	269	269	269	269	269	269
TOTAL DUES:	4,490					
THE 20 YEAR DUE FORECAST:	1,886	2,155	2,425	2,694	2,963	3,233
Cumulative:						
DEVELOPMENT FEE SCHEDULE						
Fee Per Dwelling Unit Equivalent (June 1, 2005 Dollars)	\$12,472	\$12,472	\$12,472	\$12,472	\$12,472	\$12,472
Base Fee						
Fee Per Dwelling Unit Equivalent (In Actual-Year Dollars)	\$14,045	\$14,326	\$14,613	\$14,905	\$15,203	\$15,507
Base Fee						
DETAILED ANALYSIS OF OVER 20 YEAR PERIOD - ACTUAL YEAR DOLLARS						
Fund Balance - As of June 30, 2005						
Fund Balance - Start of Period	\$1,836,083	\$2,021,340	\$2,031,184	\$738,445	\$1,991,592	\$3,813,750
Revenues	\$3,783,857	\$3,859,534	\$3,936,725	\$4,015,459	\$4,095,769	\$4,177,684
Fee Based on DUEs						
Other Revenues	\$65,702,194					
	\$0					
EXPENDITURES FOR PUBLIC IMPROVEMENTS	\$3,655,597	\$3,908,851	\$5,250,971	\$2,802,570	\$2,359,277	\$6,254,628
Interest Earnings on Fund Balance	\$56,997	\$59,161	\$21,508	\$40,257	\$85,667	\$52,104
Net Revenues (Less Expenditures)	\$185,257	\$9,844	(\$1,292,738)	\$1,253,147	\$1,822,158	(\$2,024,839)
Fund Balance - End of Period	\$2,021,340	\$2,031,184	\$738,445	\$1,991,592	\$3,813,750	\$1,788,911

APPENDIX A - 2 (Revised)

VINEYARD P. F. F. P.
VINEYARD ROADWAY C.I.P. CASH FLOW ANALYSIS

	PROGRAM YEAR:					18
	13	14	15	16	17	
BUILDOUT SUMMARY						
FEE PER DUE:	\$12,472					
TOTAL DUES:	4,490					
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Year:	6.00%	6.00%	6.00%	6.00%	4.00%	0.00%
Percentage:	269	269	269	269	180	0
Due per year:						
Cumulative:	3,502	3,772	4,041	4,310	4,490	4,490
THE 20 YEAR DUE FORECAST:						
DEVELOPMENT FEE SCHEDULE						
Fee Per Dwelling Unit Equivalent (June 1, 2005 Dollars)	\$12,472	\$12,472	\$12,472	\$12,472	\$12,472	\$12,472
Base Fee	\$15,318	\$16,134	\$16,457	\$16,786	\$17,121	\$17,464
Fee Per Dwelling Unit Equivalent (In Actual-Year Dollars)						
Base Fee						
DETAILED ANALYSIS OF OVER 20 YEAR PERIOD - ACTUAL YEAR DOLLARS						
Total	13	14	15	16	17	18
Fund Balance - As of June 30, 2005						
Fund Balance - Start of Period	\$1,788,911	\$1,617,207	\$3,649,049	\$2,694,624	\$923,972	\$424,207
Revenues						
Fee Based on DUES	\$4,261,238	\$4,346,462	\$4,433,392	\$4,522,059	\$3,075,000	\$0
Other Revenues	\$65,702,194					
	\$0					
EXPENDITURES FOR PUBLIC IMPROVEMENTS	\$4,480,045	\$2,392,305	\$5,466,300	\$6,319,672	\$3,587,071	\$422,943
Interest Earnings on Fund Balance	\$47,103	\$77,684	\$78,484	\$26,910	\$12,356	\$38
Net Revenues (Less Expenditures)	(\$171,704)	\$2,031,842	(\$954,424)	(\$1,770,702)	(\$499,715)	(\$422,905)
Fund Balance - End of Period	\$1,617,207	\$3,649,049	\$2,694,624	\$923,972	\$424,207	\$1,302

APPENDIX A - 3

VINEYARD FINANCING PLAN DEVELOPMENT FEE PROGRAM

TRANSIT DEVELOPMENT FEE C.I.P.

COST COMPONENT	QUANTITY	UNIT	UNIT COST	TOTAL	PERCENT	VINEYARD TOTAL	NOTES
Land Acquisition							
Bruceville Road @ CRC Light Rail Stn.	566280	SQ FT	\$2.03	\$1,147,170	15%	\$172,076	
Calvine Rd/Auberry Dr	105,760	SQ FT	\$5,000	\$528,800	50%	\$264,400	
Construction							
Bruceville Rd - Lightrail Station Platform	2	EACH	\$807,000	\$1,614,000	15%	\$242,100	
Calvine Rd - Platform	1	EACH	\$807,000	\$807,000	50%	\$403,500	
Bruceville Rd - Park & Ride	20.06	ACRE	\$636,700	\$12,772,202	15%	\$1,915,830	
Calvine Rd - Transit Center	6.24	ACRE	\$636,700	\$3,973,008	50%	\$1,986,504	
Project Implementation Costs							
Bruceville Road Light Rail Station -							
Project Contingency	35%			\$5,035,171	15%	\$755,276	Applied to Construction Costs
Land Acquisition Contingency	30%			\$344,151	15%	\$51,623	Applied to Land Acquisition Costs
Project Design	10%			\$1,438,620	15%	\$215,793	Applied to Construction Costs
Construction Management	7%			\$1,007,034	15%	\$151,055	Applied to Construction Costs
Project Administration	6%			\$863,172	15%	\$129,476	Applied to Construction Costs
Mobilization	7.5%			\$1,078,965	15%	\$161,845	Applied to Construction Costs
Start-up	4%			\$575,448	15%	\$86,317	Applied to Construction Costs
Reserve	5%			\$719,310	15%	\$107,897	Applied to Construction Costs
Calvine/Auberry Transit Center -							
Project Contingency	35%			\$1,673,003	50%	\$836,501	Applied to Construction Costs
Land Acquisition Contingency	30%			\$158,640	50%	\$79,320	Applied to Land Acquisition Costs
Project Design	10%			\$478,001	50%	\$239,000	Applied to Construction Costs
Construction Management	7%			\$334,601	50%	\$167,300	Applied to Construction Costs
Project Administration	6%			\$286,800	50%	\$143,400	Applied to Construction Costs
Mobilization	7.5%			\$358,501	50%	\$179,250	Applied to Construction Costs
Start-up	4%			\$191,200	50%	\$95,600	Applied to Construction Costs
Reserve	5%			\$239,000	50%	\$119,500	Applied to Construction Costs
TOTAL COSTS				\$35,623,797		\$8,503,564	Funding Year: 2020/2021

APPENDIX A - 4

EGWV FINANCING PLAN DEVELOPMENT FEE PROGRAM
 SRPD PARK IMPROVEMENT DEVELOPMENT FEE
 C.I.P.

Program Year:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Fiscal Year:	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Potential DUES Per Year:	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
Construction Schedule:																		
Park Acreage (acre):	3.4	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boulder Glen 5.6.7*	2.1																	
Churchill Downs 2 (North) (Grant Funds)	4.6																	
Churchill Downs Community Park	2.2																	
Tillettson Parkway*	6.2																	
Laramie Creek Trail System																		
Calvin Rd to Broadshaw Rd (ft):																		
Community Center (cbb):	5225																	
Field Lighting (ft):	1																	
Soccer Fields (each):	8		8															
Softball Fields (each):	3																	
Youth Baseball Fields (each):	0																	
Basketball Courts (each):	1																	
Small Shade Structures (each):	1																	
Large Shade Structures (each):	8																	
Restrooms (each):	1																	
Tennis Courts (each):	1																	
Playground-small (each):	0																	
Playground-large (each):	2																	
Parklane Lot	1																	
Fund Balance - Start of Period:	\$2,198,087	\$1,223,503	\$106,148	\$181,280	\$280,412	\$311,544	\$401,676	\$426,808	\$631,940	\$792,072	\$993,204	\$1,198,336	\$1,399,468	\$1,608,732	\$1,608,732	\$1,630,289	\$1,808,393	\$1,966,501
Revenue Per Year (@\$4,044/DUE):	\$3,920,218	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132	\$235,132
Expenditures:	\$6,101,807	\$1,209,716	\$160,000	\$136,000	\$204,000	\$145,000	\$210,000	\$30,000	\$75,000	\$34,000	\$30,000	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000
Net Revenue (Expenditures):		(\$974,584)	(\$53,852)	\$45,280	\$76,412	\$166,544	\$191,676	\$196,808	\$581,940	\$758,072	\$963,204	\$1,168,336	\$1,365,468	\$1,573,832	\$1,574,700	\$1,596,289	\$1,804,393	\$1,932,501
Fund Balance - End of Period:	\$1,223,503	\$106,148	\$181,280	\$280,412	\$311,544	\$401,676	\$426,808	\$631,940	\$792,072	\$993,204	\$1,198,336	\$1,399,468	\$1,608,732	\$1,608,732	\$1,630,289	\$1,808,393	\$1,966,501	\$16,498

APPENDIX A - 4
VINEYARD FINANCING PLAN DEVELOPMENT FEE PROGRAM (1)
SRPD PARK IMPROVEMENT DEVELOPMENT FEE
(SUBZONES 2 & 3)

Park/Facility Name or Number	Type	Acres	Soccer Fields	Softball Fields	Youth Baseball Fields	Tennis/Sports Courts	Basketball Courts (1/2 Ct.)	Shade Shelter & Picnic Tables	Restrooms	Playgrounds	Sports Lighting (fixture)	Parking Lot
Boulder Glen 5,6,7 (2)	M	2.10						2S		1S		
Churchill Downs 2 (Giant Panda)	N	4.60	1		1		1	1S		2S		
Churchill Downs Community Park (3)	C	8.20	2					1L/1S	1	1L/1S	1	1
Tillotson Parkway (4)	P	6.20						4S		1L/1S		
Totals - SRPD		21.10	3	0	1	0	1	1L/8S	1	2L/5S	1	1

M = Mini Park; N = Neighborhood Park; T = Tillotson Parkway; P = Parkway-Pedestrian/Bicycle

- (1) Previously part of the Elk Grove West Vineyard Fee Program Plan Area
- (2) Includes parks along the Tillotson Bicycle / Pedestrian Parkway.
- (3) Includes the undeveloped sections of Churchill Downs Park North (north of Vintage Park Drive)
- (4) Includes the sections of Tillotson Parkway uncompleted to date including; the "Kingsbridge" section (1.3 acres), the Belmont Estates" section at the end for the middle school running out along the power line corridor (2.8 acres), and the CSD property on Elk Grove-Florin Road and Brittany (2.1 acres).

APPENDIX A - 5

VINEYARD FINANCING PLAN DEVELOPMENT FEE PROGRAM
 ZONE 4 SRPD PARK IMPROVEMENT DEVELOPMENT FEE
 C.I.P.

Program Year:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Fiscal Year:	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
Potential DUFEs Per Year:	2,800	168	168	168	168	168	168	168	168	168	168	168	168	168	168	112	112	56	
Construction Schedule:																			
Park Average (acre):	60.9	2.2	5.7	3.8	5.1	5	1.2	0	0	3.3	3.3	0	0	3	8	6	0	7.3	
Bradshaw Vineyards	2.2	2.2																	
Wildhawk East (Little Hawk Park)	2																		
Calvine Crossing (Mohamed Acres)	5.7		5.7																
Wildhawk Northwest (2)	5.1			3.8	5.1														
Wildhawk Northwest	3.8																		
Reinforced Park SW of Gerber	8													4	4				
Wildhawk Estates - West	6.2					5	1.2			3.3	3.3								
Gerbert Greens Park	6.6																		
Community Park	14													4	4	6			
Carmenita South Park	7.5																	7.3	
Gerber Creek Trail System																			
Vineyard Rd to Gerber Rd (ID)	5300	1000	1000	1000	1300														
Laura's Creek Trail System																			
Bradshaw Rd to Escalator Rd (ID)	6600						1000	1000	1000	1000	1000	1000	600						
Community Center (ID)	1					0.25	0.25	0.25	0.25										
Field Lighting (ID)	50																		
Soccer Fields (each)	11		1	1	1	2				2	2								
Softball Fields (each)	0																		
Youth Baseball Fields (each)	7		1	1	1		1			2	2								
Basketball Courts (each)	8		1	1	1					2	2								
Small Shade Shelters (each)	14		1	2	1						2	3	2						
Large Shade Shelters (each)	3						1					2							
Restrooms (each)	2											1	1						
Tennis Courts (each)	2										2								
Ping-pong-small (each)	6						1				1	1							
Ping-pong-large (each)	7		1								1	1							
Parking Lot	190							50	50	50	20			35					
Open Space Acquisition																			
Inside Flood Plain	119			15	15	10	10	10	10	10	10	10	10	19					
Outside Flood Plain	18	5	8																
Joint Use Detention Basin																			
Trail and Trail Improvements																			
Fund Balance - Start of Period:	\$5,880,472	\$3,712,975	\$3,606,038	\$2,727,285	\$2,672,020	\$2,476,690	\$1,967,818	\$1,392,422	\$1,246,072	\$999,721	\$1,039,059	\$774,396	\$636,108	\$657,620	\$417,698	\$207,775	\$28,357	\$470,165	
Revenue Per Year (2021/2022 DUES)	\$13,395,200	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$803,712	\$533,808	\$533,808	\$267,904	
Expenditures:	\$17,265,595	\$971,409	\$910,250	\$838,977	\$999,042	\$1,312,584	\$1,379,108	\$950,063	\$1,050,063	\$764,374	\$1,068,374	\$942,000	\$782,200	\$1,043,635	\$1,013,635	\$715,226	\$94,000	\$728,192	
Net Revenues (Expenditures):	(\$167,697)	(\$106,538)	(\$878,753)	(\$55,265)	(\$195,330)	(\$508,872)	(\$575,396)	(\$146,351)	(\$246,351)	\$39,338	(\$264,662)	(\$138,288)	\$21,512	(\$259,923)	(\$209,923)	(\$179,418)	\$441,808	(\$460,285)	
Fund Balance - End of Period:	\$3,712,975	\$3,606,038	\$2,727,285	\$2,672,020	\$2,476,690	\$1,967,818	\$1,392,422	\$1,246,072	\$999,721	\$1,039,059	\$774,396	\$636,108	\$657,620	\$417,698	\$207,775	\$28,357	\$470,165	\$9,877	

APPENDIX A - 5
VINEYARD FINANCING PLAN DEVELOPMENT FEE PROGRAM (1)
SRPD PARK IMPROVEMENT DEVELOPMENT FEE
(SUBZONES 4 - VINEYARD SPRINGS COMPREHENSIVE PLAN)

Park/Facility Name or Number	Type	Acres	Soccer Fields	Softball Fields	Youth Baseball Fields	Tennis/Sports Courts	Basketball Courts (1/2 Ct.)	Shade Shelter & Picnic Tables	Restrooms	Playgrounds	Sports Lighting (fixture)	Parking Lot
Bradshaw Vineyards	M	2.20						1S		1S		
Wildhawk East (Little Hawke Park)	M	2.00					1	1S		1L		
Calvine Crossing/Mohamed Acres (2)	N	5.70	1		1		1	1S		1L		
Wildhawk Northeast (3)	N	5.10	1		1		1	2S		1L		
Wildhawk Northwest	N	3.80	1					1S		1L		
Park SW of Gerber	N	8.00	1		2		2	1L/2S		1L/1S	1	
Wildhawk Estates - West	N	6.20	2		1		1	1L		1L/1S		
Garfoot Greens Park (4)	N	6.60	2		1	2	1	2S		1L/1S	1	
Community Park (4)	C	14.00	3		1		1	1L/2S	1	2S		1
Carmencita South Park (5)	N	7.30						2S	1			1
Totals - SRPD		60.90	11	0	7	2	8	3L/14S	2	7L/6S	2	2

M = Mini Park; N = Neighborhood Park; C = Community Park

* Connector to Bicycle/Pedestrian Trail

(1) Previously part of the Elk Grove West Vineyard Fee Program Plan Area and the Vineyard Springs Plan Area

(2) Additional Park acreage was aquired when the school site immediately south of the park site was eliminated.

(3) Formerly called the "Vineyard Geln" Park site @ 5.0 acres.

(4) Garfoot Greens Community Park site includes 6.6 acres of park land and 33.05 of open space land. Approximately 14 acres of the open space land will be improved.

(5) Trailside recreation facilities in the Laguna Creek open space corridor area at Carmencita Ave. and Bradshaw Rd.

APPENDIX A - 6

VINEYARD FINANCING PLAN DEVELOPMENT FEE PROGRAM

LIBRARY DEVELOPMENT FEE
C.I.P.

COST COMPONENT FOR THE VINEYARD LIBRARY	TOTAL COST
Site Acquisition (3 acres @ \$5 per square feet)	\$653,400
Construction (\$242*20,000 SF)	\$4,840,000
Site Work, Permits, and Construction Management	\$4,117,194
Furniture, Fixtures, and Equipments (29.6% of construction cost)	\$1,557,362
Initial Book Collection	\$1,000,012
TOTAL COSTS	\$12,167,968
Cost Attributable to Vineyard Financing Plan (31.33%)	\$3,812,224
Additional Cost for Financing of the \$1,906,112 for 10 yrs. @ 5.25%	\$593,422
VINEYARD FINANCING PLAN'S SHARE OF THE VINEYARD LIBRARY	\$4,405,646

APPENDIX B

Appendix B includes the Dwelling Unit Equivalent Schedule for each development fee component. Appendix B shows how each DUE schedule was calculated. The DUE schedules utilize a methodology in which each land use is assigned a DUE factor equivalent to that of a single-family dwelling unit. The following are the contents of Appendix B:

- ▶ Appendix B-1: Roadway Facility DUEs
- ▶ Appendix B-2: Transit Facility DUEs
- ▶ Appendix B-3: Park Improvement Facility DUEs
- ▶ Appendix B-4: Library Facility DUEs

**VINEYARD FINANCING PLAN
PUBLIC FACILITIES FINANCING PLAN**

ROADWAY FACILITY DUES

I. RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	A MAXIMUM ZONING DENSITY PER ACRE	B ASSUMED DENSITY	C ASSUMED YIELD UNITS PER ACRE (A x B)	D PEAK HOUR TRIPS PER UNIT	E PEAK HOUR TRIPS PER ACRE (DUE FACTOR) (C x D)
AG-80	0.01	100%	0.01	1.0	0.01
AG-20	0.05	100%	0.05	1.0	0.05
AR-10	0.1	100%	0.10	1.0	0.1
AR-5	0.2	100%	0.20	1.0	0.2
AR-2	0.5	100%	0.50	1.0	0.5
AR-1	1	100%	1.00	1.0	1.0
RD-1	1	100%	1.00	1.0	1.0
RD-2	2	100%	2.00	1.0	2.0
RD-3	3	97%	2.91	0.97	2.8
RD-4	4	93%	3.72	0.93	3.5
RD-5	5	90%	4.50	0.9	4.1
RD-6	6	90%	5.40	0.9	4.9
RD-7	7	90%	6.30	0.9	5.7
RD-9	9	90%	8.10	0.8	6.5
RD-10	10	90%	9.00	0.8	7.2
RD-12	12	90%	10.80	0.8	8.6
RD-15	15	90%	13.50	0.7	9.5
RD-20	20	85%	17.00	0.6	10.2
RD-25	25	80%	20.00	0.6	12.0
RD-30	30	80%	24.00	0.6	14.4

II. NON-RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	ASSUMED FLOOR AREA RATIO	FLOORSPACE PER ACRE	PEAK HOUR TRIPS PER ACRE (DUE FACTOR)
M-1/M-2	35%	15,246	7
MP	40%	17,424	18
BP *	35%	15,246	13.5
SC *	28%	12,197	13.4
GC *	25%	10,890	16.3
LC *	25%	10,890	16.3
TC *	25%	10,890	16.3

* DUE FACTOR FROM ANTELOPE PUBLIC FACILITIES FINANCING PLAN WAS USED

VINEYARD FINANCING PLAN
PUBLIC FACILITIES FINANCING PLAN

TRANSIT FACILITY DUES

I. RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	A PEAK HOUR VEHICLE TRIPS PER ACRE	B TYPICAL VEHICLE OCCUPANCY	C PEAK HOUR TRIPS PER ACRE (A x B)	D PERCENT TRANSIT TRIPS NOTE (1)	E PEAK HOUR TRANSIT TRIPS / ACRE (C x D)	F DUE FACTOR (E / 0.05)
AG-80	0.01	1.62	0.02	0.032	0.001	0.01
AG-20	0.05	1.62	0.08	0.032	0.003	0.05
AR-10	0.1	1.62	0.16	0.032	0.005	0.1
AR-5	0.2	1.62	0.32	0.032	0.010	0.2
AR-2	0.5	1.62	0.81	0.032	0.026	0.5
AR-1	1.0	1.62	1.62	0.032	0.052	1.0
RD-1	1.0	1.62	1.62	0.032	0.052	1.0
RD-2	2.0	1.62	3.24	0.032	0.104	2.0
RD-3	2.8	1.62	4.54	0.032	0.145	2.8
RD-4	3.5	1.62	5.67	0.032	0.181	3.5
RD-5	4.1	1.62	6.64	0.032	0.213	4.1
RD-6	4.9	1.62	7.94	0.032	0.254	4.9
RD-7	5.7	1.57	8.95	0.032	0.286	5.5
RD-9	6.5	1.57	10.21	0.056	0.571	11.0
RD-10	7.2	1.57	11.30	0.056	0.633	12.2
RD-12	8.6	1.57	13.50	0.056	0.756	14.6
RD-15	10.8	1.57	16.96	0.056	0.950	18.3
RD-20	10.2	1.56	15.91	0.124	1.973	38.1
RD-25	12.0	1.56	18.72	0.124	2.321	44.8
RD-30	14.4	1.56	22.46	0.124	2.786	53.7

II. NON-RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	A PEAK HOUR VEHICLE TRIPS PER ACRE	B TYPICAL VEHICLE OCCUPANCY	C PEAK HOUR PERSON TRIPS / ACRE (A x B)	D PERCENT TRANSIT TRIPS NOTE (1)	E PEAK HOUR TRANSIT TRIPS / ACRE (C x D)	F DUE FACTOR 9.2 (E / 0.48)
M-1/M-2	6.8	1.40	9.52	0.05	0.48	9.2
MP	18.0	1.40	25.20	0.05	1.26	24.4
BP	28.3	1.35	38.21	0.05	1.91	36.9
SC	69.8	1.64	114.47	0.03	3.43	66.4
GC	55.5	1.64	91.02	0.03	2.73	52.8
LC	55.5	1.64	91.02	0.03	2.73	52.8
TC	55.5	1.64	91.02	0.01	0.91	17.6

NOTE (1): FROM NCHRP REPORT 187, TRANSPORTATION RESEARCH BOARD, 1978

VINEYARD FINANCING PLAN
PUBLIC FACILITIES FINANCING PLAN
PARK IMPROVEMENT FACILITY DUES

I. RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	A MAXIMUM ZONING DENSITY PER ACRE	B ASSUMED YIELD UNITS PER ACRE	C PERSONS PER HOUSEHOLD	D PERSONS PER ACRE (B x C)	E DUE FACTOR (D / 2.88)
AG-80	0.01	0.01	2.88	0.04	0.01
AG-20	0.05	0.05	2.88	0.14	0.05
AR-10	0.1	0.1	2.88	0.29	0.1
AR-5	0.2	0.2	2.88	0.58	0.2
AR-2	0.5	0.5	2.88	1.44	0.5
AR-1	1	1.00	2.88	2.88	1.0
RD-1	1	1.00	2.88	2.88	1.0
RD-2	2	2.00	2.88	5.76	2.0
RD-3	3	2.91	2.88	8.38	2.9
RD-4	4	3.72	2.88	10.71	3.7
RD-5	5	4.50	2.88	12.96	4.5
RD-6	6	5.40	2.88	15.55	5.4
RD-7	7	6.30	2.88	18.14	6.3
RD-9	9	8.10	2.36	19.12	6.6
RD-10	10	9.00	2.36	21.24	7.4
RD-12	12	10.80	2.28	24.62	8.6
RD-15	15	13.50	2.17	29.30	10.2
RD-20	20	17.00	1.98	33.66	11.7
RD-25	25	20.00	1.98	39.60	13.8
RD-30	30	24.00	1.98	47.52	16.5

II. NON-RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	A EMPLOYEES PER ACRE	B EMPLOYEE DENSITY (A x .25)	C DUE FACTOR PERSONS/ACRE (B / 2.88)
MI / M2	17.35	4.34	1.5
MP	40.60	10.15	3.5
BP	37.30	9.33	3.2
SC	23.90	5.98	2.1
GC	19.80	4.95	1.7
LC	28.75	7.19	2.5
TC	34.60	8.65	3.0

FROM 1990 CENSUS DATA, PER SACOG (The numbers are consistent with the 2000 Census Data):

HOUSING TYPE	PERSONS PER HOUSEHOLD IN UNINCORPORATED COUNTY
SINGLE FAMILY:	2.88
DUPLEX-QUADPLEX:	2.36
5+ MULTIFAMILY APTS.:	1.98

VINEYARD FINANCING PLAN
PUBLIC FACILITIES FINANCING PLAN

LIBRARY FACILITY DUES

RESIDENTIAL DWELLING UNIT EQUIVALENT (DUE) FACTORS

ZONING	A MAXIMUM ZONING DENSITY PER ACRE	B ASSUMED YIELD UNITS PER ACRE	C PERSONS PER HOUSEHOLD	D PERSONS PER ACRE (B x C)	E DUE FACTOR COL. D / 2.88 (D / 2.88)
AG-80	0.01	0.01	2.88	0.04	0.01
AG-20	0.05	0.05	2.88	0.14	0.05
AR-10	0.1	0.1	2.88	0.29	0.1
AR-5	0.2	0.2	2.88	0.58	0.2
AR-2	0.5	0.5	2.88	1.44	0.5
AR-1	1	1.00	2.88	2.88	1.0
RD-1	1	1.00	2.88	2.88	1.0
RD-2	2	2.00	2.88	5.76	2.0
RD-3	3	2.91	2.88	8.38	2.9
RD-4	4	3.72	2.88	10.71	3.7
RD-5	5	4.50	2.88	12.96	4.5
RD-6	6	5.40	2.88	15.55	5.4
RD-7	7	6.30	2.88	18.14	6.3
RD-9	9	8.10	2.36	19.12	6.6
RD-10	10	9.00	2.36	21.24	7.4
RD-12	12	10.80	2.28	24.62	8.6
RD-15	15	13.50	2.17	29.30	10.2
RD-20	20	17.00	1.98	33.66	11.7
RD-25	25	20.00	1.98	39.60	13.8
RD-30	30	24.00	1.98	47.52	16.5

NOTE : NON-RESIDENTIAL USE PROPERTIES DO NOT PAY LIBRARY FEES

FROM 1990 CENSUS DATA, PER SACOG:

HOUSING TYPE	PERSONS PER HOUSEHOLD IN UNINCORPORATED COUNTY
SINGLE FAMILY:	2.88
DUPLEX-QUADPLEX:	2.36
5+ MULTIFAMILY APTS.:	1.98

APPENDIX C

Appendix C provides the information regarding the estimated total number of DUEs to be used in the calculations for each development fee component. The estimate of the development base for which each development fee is spread is determined by summing the total number of DUEs for sub-areas of the urban and non-urban zones. The following are the contents of Appendix C:

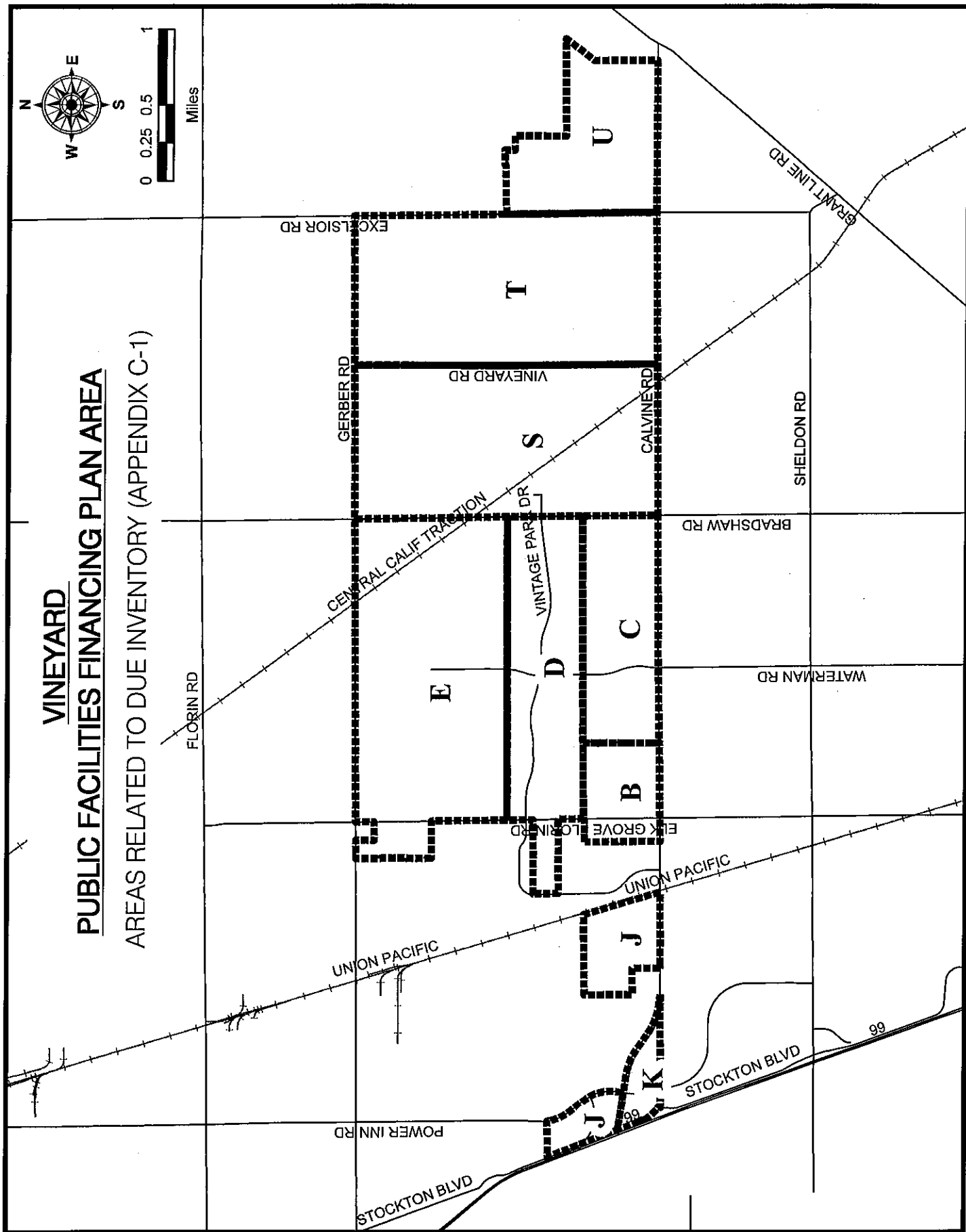
- ▶ Appendix C-1: Total Remaining DUEs for all Development Fee Components.
- ▶ Appendix C-2: Map of Areas Related to DUE Inventory

APPENDIX C - 1

VINEYARD FINANCING PLAN FEE PROGRAM				
TOTAL REMAINING DUES				
(Alternate Update November 2005)				
SUBZONES 1, 2, & 3				
AREA	DWELLING UNIT EQUIVALENTS			
	ROAD	RT	PARKS	LIB.
B	703	1,761	493	449
C	417	1,014	279	241
D	260	890	57	251
E (URBAN)	0	0	0	0
E (NON-URB)	35	35	35	35
J2	148	37	40	40
K2	87	400	24	0
S (URBAN)	0	0	0	0
U	23	23	23	23
SUB-TOTAL	1,673	4,161	952	1,040
SUBZONE 4 (VINEYARD SPRINGS)				
AREA	DWELLING UNIT EQUIVALENTS			
	ROAD	RT	PARKS	LIB.
S and T	2,984	4,720	2,798	2,718
VINEYARD SPRINGS SUB-TOTAL	-117	-578	-18	2,718
ALL AREAS	4,540	8,303	3,732	3,758
OVERALL ADJUSTMENTS**	-50	-50		
TOTAL ADJUSTED DUES	4,490	8,253	3,732	3,758

** Adjustment for exempting existing vacant agriculture residential development from Roadway and Transit Fees.

APPENDIX C-2



APPENDIX D

Appendix D includes detailed information regarding construction costs for roadway projects. This information is used to calculate the cost estimates for various roadway segment and intersection projects that are included in the Roadway CIP. This information is also used to calculate the credit/reimbursement amounts for developers who construct portions of roadway projects that are included in the Roadway CIP. The following are the contents of Appendix D:

- ▶ Appendix D-1: Construction Costs for Roadway Widening Projects.
- ▶ Appendix D-2: Construction Costs for Intersection Widening Projects.
- ▶ Appendix D-3
Thru
Appendix D-31: Scope and Unit Construction Costs for Various Projects.
- ▶ Appendix D-32: Schedule of Values for Reimbursement (Unit Costs)
- ▶ Figure D-1: Typical 4 x 4 Intersection Improvement Funded by Fee Program
- ▶ Figure D-2: Typical 4 x 6 Intersection Improvement Funded by Fee Program
- ▶ Figure D-3: Typical 6 x 6 Intersection Improvement Funded by Fee Program

APPENDIX D - 1

VINEYARD PUBLIC FACILITIES FINANCING PLAN

CONSTRUCTION COSTS FOR ROADWAY WIDENING PROJECTS

PROJ. ID NO.	ROAD WIDENING PROJECT	INITIAL PROJECT SCOPE			OUTSTANDING REIMBURSEMENTS	OUTSTANDING REIMBURSE FUNDING DATE	REMAINING PROJECT FUNDING REQUIRED (NOTE \$)	COMMENTS
		ACTUAL LENGTH (L.F.)	MINUS LEG LENGTH (L.F.)	PROJECT LENGTH (L.F.)				
S20	CALVINE RD: 1000' E/O KINGSBRIDGE TO BRADSHAW (4 LANES W/MEDIAN)	2,800	0	2,800		See DOT1	S20, B3, & Ib and pedestrian signal combined to create DOT1 (see Exhibit A) cost of entire project per DOT Estimate.	
S28.1	ELK GROVE - FLORIN RD: GERBER TO FLORIN (4 LANES W/MEDIAN - 80% CONTRIBUTION)	5,300	900	4,400		See DOT5		
S38	VINEYARD RD: ADJACENT TO LAGUNA VINEYARDS & VINEYARD CROSSING (1 LANE-SOUTH BOUND)	2,720	0	2,720		\$0	Reimbursement 05-3 for \$160,096 & 05-5 for \$93,233 paid. Project is complete.	
S39	VINTAGE PARK DR: ELK GROVE - FLORIN TO WATERMAN (2 LANES + CTL)	5,120	900	4,220		\$885,989	Striping, striping and traffic signal interconnect remains to be funded. Landscape median and curbing added 10/05.	
S40	VINTAGE PARK DR: WATERMAN TO BRADSHAW (2 LANES + CTL)	5,650	900	4,750		\$982,443	Reimbursement 00-1 paid \$551,869. Remaining project includes signing & striping and traffic signal interconnect for entire project, storm drain for south half and add 2' overlay on south half. Landscape median and curbing added 10/05.	
S40.1	VINTAGE PARK DR: BOTHWELL TO BRADSHAW (Additional Outside Lane)					\$0	Reimbursement 05-2 paid to H.C. Elliot. Project complete.	
S52	WATERMAN RD: CALVINE TO VINTAGE PARK (2 LANES + CTL)	4,200	900	3,300		\$258,841	Reimbursement 04-01 is for 2550 if full road section & 735 if west side road section only. Remaining project includes 735 if east half road section and complete signing & striping, and traffic signal interconnect. Landscape median for this length of road added to program as DOT3 10/05.	
S53	WATERMAN RD: VINTAGE PARK TO 1 MILE S/O GERBER (2 LANES + CTL)	1,135	450	685	\$57,919	June 30, 2008	Reim. 08-1 for west half road. Remaining project includes East half road section, and signing & striping and traffic signal interconnect for entire road.	
S54	WATERMAN RD: 1 MILE S/O GERBER TO 2,640' S/O GERBER (2 LANES + CTL)	2,671	0	2,671	\$341,980	June 30, 2006	Reimbursement 06-1 for west half road.	
S55	WATERMAN RD: 2,640' S/O GERBER TO GERBER (2 LANES + CTL)	2,640	450	2,190		\$1,397,845		
S101	CALVINE RD: BRADSHAW TO VINEYARD (4 LANES W/MEDIAN)	5,280	900	4,380		See DOT2	\$101, S102, I101, & C103 combined to create DOT2 (see Exhibit A) cost of entire project per DOT Estimate.	
S101.1	CALVINE RD: BRADSHAW TO VINEYARD (4 LANES W/MEDIAN) REIMBURSEMENT FOR DESIGN FEES						Paid - Reimbursement 04-4 of \$773,361 for design costs.	
S102	CALVINE RD: CCTC RR CROSSING (4 LANES W/MEDIAN)	N/A	0	0		See DOT2	S101, S102, I101, & C103 combined to create DOT2 (see Exhibit A) cost of entire project per DOT Estimate.	
S103	CALVINE RD: VINEYARD TO EXCELSIOR (4 LANES W/MEDIAN + SOUNDWALL @ EXIST. PROJECTS)	5,280	900	4,380		\$4,726,376	Project scope includes 4000 linear feet of 6' soundwall.	
S104	CALVINE RD: EXCELSIOR TO GRANT LINE (2 LANES W/MEDIAN)	5,940	900	5,040		\$3,468,860		
S105	EAST-WEST CONNECTOR ROAD: WILDBHAWK ESTATES (2' PAVEMENT)	1,364	0	1,364		\$0		

APPENDIX D - 1

VINEYARD PUBLIC FACILITIES FINANCING PLAN

CONSTRUCTION COSTS FOR ROADWAY WIDENING PROJECTS

PROJ. ID NO.	ROAD WIDENING PROJECT	INITIAL PROJECT SCOPE			OUTSTANDING REIMBURSEMENTS	OUTSTANDING REIMBURSE FUNDING DATE	REMAINING PROJECT FUNDING REQUIRED (NOTE 8)	COMMENTS
		ACTUAL LENGTH (L.F.)	MINUS LEG LENGTH (L.F.)	PROJECT LENGTH (L.F.)				
S106	EAST-WEST CONNECTOR RD: WILDBAWK ESTATES TO BRADSHAW (54' PAVEMENT W/CG)	2,640	0	2,640		\$1,244,529		
S106A	RIGHT-OF-WAY ACQUISITION FOR EAST-WEST CONNECTOR (60' ROW)	2,640	0	2,640		\$145,455		
S107	EXCELSIOR RD: CALVINE TO GERBER (MINIMUM PAVEMENT WIDTH)	10,560	0	10,560		\$1,507,385		
S108	EXCELSIOR RD: CALVINE TO SHELDON (MINIMUM PAVEMENT WIDTH)	5,300	0	5,300		\$756,548		
S109	FLORIN RD: EXCELSIOR TO EAGLES NEST (MINIMUM PAVEMENT WIDTH)	9,000	0	9,000		\$1,284,703		
S110	GERBER RD: BRADSHAW TO VINEYARD (2 LANES W/MEDIAN)	5,300	900	4,400		\$2,797,069		
S111	GERBER RD: VINEYARD TO EXCELSIOR (MINIMUM PAVEMENT WIDTH)	5,300	450	4,850		\$692,312		
S112	VINEYARD RD: MISSION HILLS TO GERBER (2 LANES W/MEDIAN)	2,640	0	2,640		\$1,516,978	Completion of improvements Calvine to Mission Hills moved to DOT4 along with B107, C104 & C108	
OT101	CALVINE RD: BRADSHAW TO VINEYARD EXIST. FRONT. NORTH SIDE (11', CG&S)	1,210	0	1,210		\$244,179		
OT102	CALVINE RD: BRADSHAW TO VINEYARD EXIST. FRONT. SOUTH SIDE (11', CG&S)	3,863	0	3,863		\$779,557		
OT103	CALVINE RD: VINEYARD TO EXCELSIOR EXIST. FRONT. SOUTH SIDE (11', CG&S)	1,482	0	1,482		\$299,069		
OT104	GERBER RD: NVS BOUNDARY TO WATERMAN EXIST. FRONT. SOUTH SIDE (11' + 6' SHOULDER)	667	0	667		\$134,601		
OT105	GERBER RD: DRAINAGE CROSSING #4 FRONT. SOUTH SIDE (11', CG&S)	117	0	117		\$23,611		
OT106	GERBER RD: DRAINAGE CROSSING #3 FRONT. SOUTH SIDE (11', CG&S)	117	0	117		\$23,611		
OT107	GERBER RD: WATERMAN TO BRADSHAW EXIST. FRONT. SOUTH SIDE (11' + 6' SHOULDER)	542	0	542		\$109,376		
OT108	GERBER RD: ELK GROVE-FLORIN TO NVS BOUNDARY EXIST. FRONT. (11' + 6' SHOULDER)	225	0	225		\$45,405		
	FORMATION AND IMPLEMENTATION					\$484,200	\$567,200 Eligible for reimbursement - 04-7 for \$50,000, 04-8 for \$50,000 (paid), and 04-9 for \$53,000 (paid)	

APPENDIX D - 1

VINEYARD PUBLIC FACILITIES FINANCING PLAN

CONSTRUCTION COSTS FOR ROADWAY WIDENING PROJECTS

PROJ. ID NO.	ROAD WIDENING PROJECT	INITIAL PROJECT SCOPE		OUTSTANDING REIMBURSEMENTS	OUTSTANDING REIMBURSE FUNDING DATE	REMAINING PROJECT FUNDING REQUIRED (NOTE 9)	COMMENTS
		ACTUAL LENGTH (L.F.)	MINUS LEG LENGTH (L.F.)				
				PAYMENTS TO DOT	THRU DATE		
DOT1	CALVINE RD: 1000' E/O KINGSBRIDGE TO BRADSHAW - INCLUDES ORIGINAL PROJECTS S20, B3, B5, & PED. SIGNAL					\$2,286,673	Total cost estimate for this project is \$4,241,907. This includes DOT estimate plus 10% construction contingency. \$633,565 is City of Elk Grove contribution from EGVV funds. \$696,530 for Dev. Fee funds. County Dev. Fee contribution is \$605,339. These number represent remaining funding required only, not the entire project costs.
DOT2	CALVINE RD: BRADSHAW TO VINEYARD - INCLUDES ORIGINAL PROJECTS S101, S102, H101, C103			\$2,615,600		\$5,864,520	This number represents the remaining funding required only, not the entire project cost.
DOT3	WATERMAN RD: CALVINE TO VINTAGE PARK DR. MEDIAN LANDSCAPE					\$827,200	
DOT4	VINEYARD RD: CALVINE TO MISSION HILLS - INCLUDES ORIGINAL PROJECTS S12 (PORTION), B107, C104, & C105					\$6,014,000	
DOT5	ELK GROVE - FLORIN RD: GERBER TO FLORIN (4 LANES W/MEDIAN - 80% CONTRIBUTION)					\$6,372,000	Estimate from DOT project manager 10/05. Vineyard responsible for 80%.

ASSUMPTIONS :

- 1 ACTUAL LENGTH = DISTANCE FROM INTERSECTION TO INTERSECTION
- 2 LEG LENGTH = 450 FT. FROM CENTER OF INTERSECTION(S) INCLUDED IN INTERSECTION IMPROVEMENT
- 3 STRUCTURAL SECTION PER APPLICABLE ROAD SECTIONS.
- 4 COMPLETE REMOVAL OF EXISTING 30 FT. WIDE RURAL ROAD PAVEMENT (2" TO 3" AC LAYER)
- 5 UNIT PRICES BASED ON RECENT COUNTY TRANSPORTATION DIVISION PROJECT BID SUMMARIES
- 6 OUTSIDE 11 FT. OF PAVEMENT AND IMPROVEMENTS ARE ADJACENT OWNER'S RESPONSIBILITY
- 7 100 SERIES PROJECT NUMBERS ARE PROJECTS ADDED PER THE VINEYARD SPRINGS COMPREHENSIVE PLAN.

NOTES:

8 REMAINING PROJECT FUNDING IS BASED ON THE ESTIMATED MATERIAL QUANTITIES MINUS QUANTITIES IN PAID REIMBURSEMENTS AND MINUS QUANTITIES INSTALLED BY DOT THROUGH A COUNTY CONTRACT. THE FUNDING IS DETERMINED BY MULTIPLYING CURRENT ESTIMATED COST BY THE REMAINING QUANTITIES TO BE CONSTRUCTED. PLUS OUTSTANDING REIMBURSEMENTS AMOUNTS.

VINEYARD PUBLIC FACILITIES FINANCING PLAN
CONSTRUCTION COSTS FOR INTERSECTION IMPROVEMENT PROJECTS

PROJ. ID NO.	INTERSECTION IMPROVEMENT PROJECT	TYPE OF PROJECT	OUTSTANDING REIMBURSEMENTS	OUTSTAND REIMBURSE FUNDING DATE	REMAINING PROJECT FUNDING REQUIRED (NOTE 5)	COMMENTS
I13	BRADSHAW / VINTAGE PARK (3 LEG)	4X6			\$0	Reimbursement 03-1 is for the southwest leg only (\$38,090). Reimbursement 02-2 is for construction support payable after the improvements have been accepted by the County (\$15,000, payable on fiscal year 03-04). All reimbursements paid. Project is complete
IG1	CALVINE / POWER INN AT GRADE IMPROVEMENT	N/A			\$1,690,000	\$1,000,000 estimate assigned to this project in EGWV April 18, 2000. Inflated 30% based on unit cost analysis for program October '03. Inflated 30% based on unit cost analysis for program in July '05. No scope is available for the project.
I18	CALVINE RD / WATERMAN RD 4X6 W/TRAFFIC SIGNAL	4X6			\$91,115	Reimbursement 97-1 is for a portion of the intersection. The remaining project costs represents the quantities for the project less the reimbursed quantities.
I20	ELK GROVE / WATERMAN RD 4X4 W/SIGNAL	4X4			\$0	This amount is the Vineyard PFFP contribution to this project. The project is being built by County DOT in 02/04. Any additional funds required for the project are the sole responsibility of the City of Elk Grove to fund. -- Funds paid to DOT in 02/04
I26	VINTAGE PARK RD / WATERMAN RD 4X4 W/TRAFFIC SIGNAL	4X4			\$133,528	This project only includes a traffic signal, signing and striping, and drainage for the ultimate signal.
I0	GRANT LINE RD / CALVINE RD LEFT TURN LANES W/TRAFFIC SIGNAL				See DOT1	S20, E3, & 1b and pedestrian signal combined to create DOT1 (see Exhibit A) cost of entire project per DOT Estimate.
Icc	SUNRISE BLVD / GRANT LINE ROAD 2X2 W/TRAFFIC SIGNAL (INTERIM CONEFC)	N/A			\$0	Project completed by DOT in 2004.
I101	CALVINE / VINEYARD (3 LEG)	4 X 6			See DOT2	\$101, \$102, I101, & C103 combined to create DOT2 (see Exhibit A) cost of entire project per DOT Estimate.
I102	CALVINE / EXCELSIOR	4 X 6			\$1,745,422	
I103	FLOREN / EXCELSIOR (W/O TRAFFIC SIGNAL)	2 X 2			\$75,000	This amount is a fixed contribution to the ultimate intersection improvement. The ultimate intersection improvement is included in the North Vineyard Station Fee Program.
I104	GERBER / VINEYARD	4 X 6			\$1,420,021	
I105	GERBER / EXCELSIOR (W/O TRAFFIC SIGNAL)	2 X 2			\$55,000	This amount is a fixed contribution to the ultimate intersection improvement. The ultimate intersection improvement is included in the North Vineyard Station Fee Program.
I106	GRANT LINE RD / CALVINE RD 6X6 W/TRAFFIC SIGNAL	6 X 6			\$2,186,889	

ASSUMPTIONS:

- STRUCTURAL SECTION OF 4" AC AND 16" AB
- COMPLETE REMOVAL OF EXISTING 30 FT. WIDE RURAL ROAD PAVEMENT (2" TO 3" AC LAYER)
- TYPE 2 CURB & GUTTER, 6 FT. PCC SIDEWALK AT ALL CORNER ROUNDINGS
- 3-LEG INTERSECTION COSTS = 75% OF APPROPRIATE 4-LEG INTERSECTION + TRAFFIC SIGNAL
- LANDSCAPED MEDIAN AND CURB IF REQUIRED
- INTERSECTION AREA = 450 FT. FROM CENTERLINE OF INTERSECTION FOR ALL LEGS - SEE FIGURES D-1 and D-2 (COVERS BUS TURNOUTS & TAPERS PER S. D. E. 25 OF IMPROVEMENT STANDARDS)
- OUTSIDE 11 FT. IS RESPONSIBILITY OF ADJACENT OWNER

NOTES:

REMAINING PROJECT FUNDING IS BASED ON THE ESTIMATED MATERIAL QUANTITIES MINUS QUANTITIES IN PAID REIMBURSEMENTS AND MINUS QUANTITIES INSTALLED BY DOT THRO COUNTY CONTRACT. THE FUNDING IS DETERMINED BY MULTIPLYING CURRENT ESTIMATED COST BY THE REMAINING QUANTITIES TO BE CONSTRUCTED. PLUS OUTSTANDING REIMBURSEMENT AMOUNTS.

APPENDIX D-3

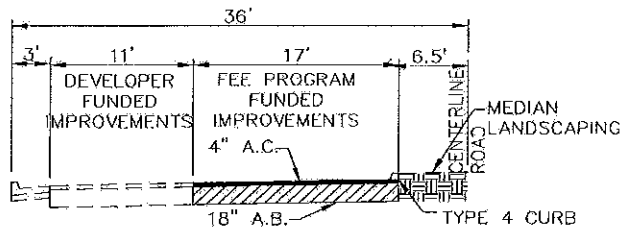
Road Project No.: **S39**

Project Description: **VINTAGE PARK DR: ELK GROVE-FLORIN TO WATERMAN (2 LANES + CTL)**

Total R.O.W. 84 ft
 Program Funded
 Road Width: 44 ft
 Actual Length: 5120 lf
 Intersect Leng.: 900 lf
 Project Leng.: 4220 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	34 ft
Total Paved Area:	143,480 SF
AC Section:	4 in.
Total AC:	1,771 CY 3,720 Tons
AB Section:	18 in.
Total AB:	7,971 CY 15,942 Tons
Pavement Removal:	30 sf/ft
Total Pavement Removed:	126,600 SF
Section (Assumed):	3 in. 0.28 CY/ft
Clearing & Grubbing	24 sf/ft
Total C&G:	101,280 SF
Gross Roadway Excavation:	2.99 CY/ft
Net Roadway Ex:	2.71 CY/ft Street 11,436 CY
Type 4 Median Curb:	2 ft/ft Street 8,440 LF
Median Landscape:	11 sf/ft Street 46,420 SF
Storm Drainage: DI & Connection	2 per/ft 8440 Each
Traffic Signal Interconnect:	1 ft/ft Street 4,220 FT
Striping & Signing:	1 ft/ft Street 4,220 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
0		
0	70.00	\$0
0	27.50	\$0
0	1.50	\$0
0	0.15	\$0
0	30.00	\$0
8,440	12.00	\$101,280
46,420	11.00	\$510,620
0	17.00	\$0
4,220	10.00	\$42,200
4,220	6.50	\$27,430
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Sub-Total		\$681,530
30% Contingency		\$204,459
Additional Costs - Explain		
Total		\$885,989



TYPICAL 4 LANE ROAD
NO SCALE

APPENDIX D-4

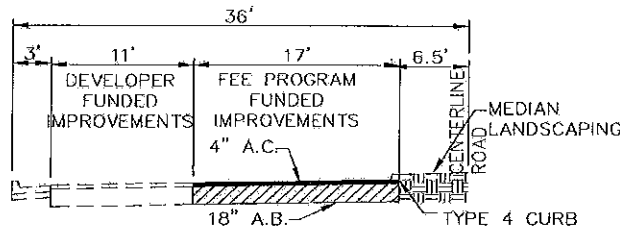
Road Project No.: S40

Project Description: VINTAGE PARK DR: WATERMAN TO BRADSHAW (2 LANES + CTL)

Total R.O.W. 84 ft
 Program Funded
 Road Width: 44 ft
 Actual Length: 5650 lf
 Intersect Leng.: 900 lf
 Project Leng.: 4750 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	34 ft
Total Paved Area:	161,500 SF
AC Section:	4 in.
Total AC:	1,994 CY 4,187 Tons
AB Section:	18 in.
Total AB:	8,972 CY 17,944 Tons
Pavement Removal:	30 sf/ft
Total Pavement Removed:	142,500 SF
Section (Assumed):	3 in 0.28 CY/lf
Clearing & Grubbing	24 sf/lf
Total C&G:	114,000 SF
Gross Roadway Excavation:	2.99 CY/lf
Net Roadway Ex:	2.71 CY/lf Street 12,872 CY
Type 4 Median Curb:	2 ft/lf Street 9,500 LF
Median Landscape:	11 sf/lf Street 52,250 SF
Storm Drainage: DI & Connection	2 per/lf 9500 Each
Traffic Signal Interconnect.	1 ft/lf Street 4,750 FT
Striping & Signing:	1 ft/lf Street 4,750 FT
2" Overlay for south half section-52778 sf - 652 TON	

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
5,806		
	\$63.00	\$0
0	\$24.75	\$0
0	\$1.35	\$0
0	\$0.14	\$0
0	\$27.00	\$0
9,500	\$10.80	\$102,600
52,250	\$11.00	\$574,750
0	\$15.30	\$0
4,750	\$10.00	\$47,500
4,750	\$6.50	\$30,875
0	\$63.00	\$0
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Sub-Total		\$755,725
30% Contingency		\$226,718
Additional Costs - Explain		
Total		\$982,443



TYPICAL 4 LANE ROAD
NO SCALE

APPENDIX D-6

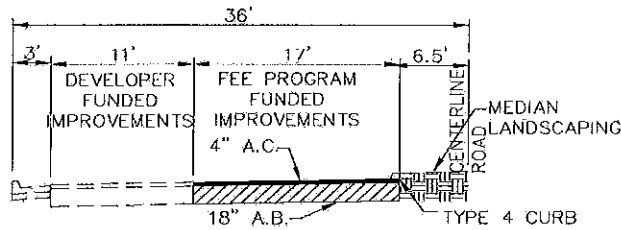
Road Project No.: **S53**

Project Description: **WATERMAN RD: VINTAGE PARK TO 1 MILE S/O GERBER (2 LANES + CTL)**

Total R.O.W. 84 ft
 Program Funded
 Road Width: 44 ft
 Actual Length: 1135 lf
 Intersect Leng.: 450 lf
 Project Leng.: 685 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	34 ft
Total Paved Area:	23,290 SF
AC Section:	4 in.
Total AC:	288 CY 604 Tons
AB Section:	18 in.
Total AB:	1,294 CY 2,588 Tons
Pavement Removal:	30 sf/ft
Total Pavement Removed:	20,550 SF
Section (Assumed):	3 in 0.26 CY/lf
Clearing & Grubbing	24 sf/lf
Total C&G:	16,440 SF
Gross Roadway Excavation:	2.99 CY/lf
Net Roadway Ex:	2.71 CY/lf Street 1,856 CY
Type 4 Median Curb:	2 ft/lf Street 1,370 LF
Median Landscape:	11 sf/lf Street 7,535 SF
Storm Drainage: DI & Connection	2 per/lf 1370 Each
Traffic Signal Interconnect:	1 ft/lf Street 685 FT
Striping & Signing:	1 ft/lf Street 685 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
8,220		
213	\$70.00	\$14,918
913	\$27.50	\$25,117
10,275	\$1.50	\$15,413
8,220	\$0.15	\$1,233
928	\$30.00	\$27,848
1,370	\$12.00	\$16,440
7,535	\$11.00	\$82,885
685	\$17.00	\$11,645
685	\$10.00	\$6,850
685	\$6.50	\$4,453
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$208,800
30% Contingency		\$62,040
<i>Additional Costs - Explain</i>		
Total		\$268,841



TYPICAL 4 LANE ROAD
NO SCALE

APPENDIX D-7

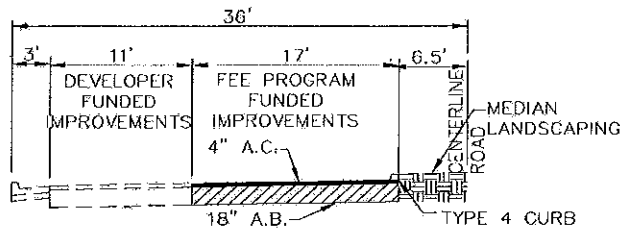
Road Project No.: **S54**

Project Description: **WATERMAN RD: 1 MILE S/O GERBER TO 2,640' S/O GERBER (2 LANES + CTL)**

Total R.O.W. 84 ft
 Program Funded 44 ft
 Road Width: 44 ft
 Actual Length: 2671 lf
 Intersect Leng.: 0 lf
 Project Leng.: 2671 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	34 ft
Total Paved Area:	90,814 SF
AC Section:	4 in.
Total AC:	1,121 CY 2,354 Tons
AB Section:	18 in.
Total AB:	5,045 CY 10,090 Tons
Pavement Removal:	30 sf/ft
Total Pavement Removed:	80,130 SF
Section (Assumed):	3 in 0.28 CY/lf
Clearing & Grubbing	24 sf/ft
Total C&G:	64,104 SF
Gross Roadway Excavation:	2.99 CY/lf
Net Roadway Ex:	2.71 CY/lf Street 7,238 CY
Type 4 Median Curb:	2 lf/lf Street 5,342 LF
Median Landscape:	11 sf/lf Street 29,381 SF
Storm Drainage: DI & Connection	2 per/lf 5342 Each
Traffic Signal Interconnect.	1 lf/lf Street 2,671 FT
Striping & Signing:	1 lf/lf Street 2,671 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
21,764		
564	\$70.00	\$39,498
2,418	\$27.50	\$66,501
30,976	\$1.50	\$46,464
30,850	\$0.15	\$4,628
3,005	\$30.00	\$90,139
5,342	\$12.00	\$64,104
29,381	\$11.00	\$323,191
2,768	\$17.00	\$47,056
2,671	\$10.00	\$26,710
2,671	\$6.50	\$17,362
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$725,652
30% Contingency		\$217,695
<i>Additional Costs - Explain</i>		
Total		\$943,347



TYPICAL 4 LANE ROAD
NO SCALE

APPENDIX D-8

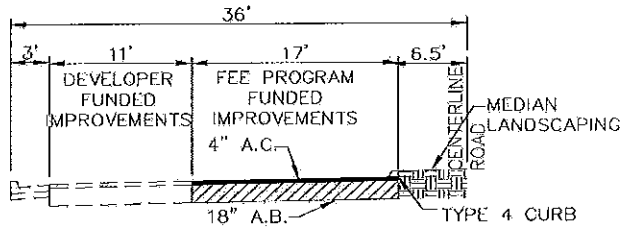
Road Project No.: **S55**

Project Description: **WATERMAN RD: 2,640' S/O GERBER TO GERBER (2 LANES + CTL)**

Total R.O.W. 84 ft
 Program Funded
 Road Width: 44 ft
 Actual Length: 2640 lf
 Intersect Leng.: 450 lf
 Project Leng.: 2190 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	34 ft
Total Paved Area:	74,460 SF
AC Section:	4 in.
Total AC:	919 CY 1,930 Tons
AB Section:	18 in.
Total AB:	4,137 CY 8,273 Tons
Pavement Removal: Total Pavement Removed:	30 st/ft 65,700 SF
Section (Assumed):	3 in 0.28 CY/ft
Clearing & Grubbing Total C&G:	24 st/ft 52,560 SF
Gross Roadway Excavation:	2.99 CY/ft
Net Roadway Ex:	2.71 CY/ft Street 5,935 CY
Type 4 Median Curb:	2 ft/ft Street 4,380 LF
Median Landscape:	11 st/ft Street 24,090 SF
Storm Drainage: DI & Connection	2 per/ft 4380 LF
Traffic Signal Interconnect.	1 ft/ft Street 2,190 FT
Striping & Signing:	1 ft/ft Street 2,190 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
74,460		
1,930	\$70.00	\$135,131
8,273	\$27.50	\$227,517
65,700	\$1.50	\$98,550
52,560	\$0.15	\$7,884
5,935	\$30.00	\$178,039
4,380	\$12.00	\$52,560
24,090	\$11.00	\$264,990
4,380	\$17.00	\$74,460
2,190	\$10.00	\$21,900
2,190	\$6.50	\$14,235
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$1,075,266
30% Contingency		\$322,580
<i>Additional Costs - Explain</i>		
Total		\$1,397,845



TYPICAL 4 LANE ROAD
NO SCALE

APPENDIX D-9

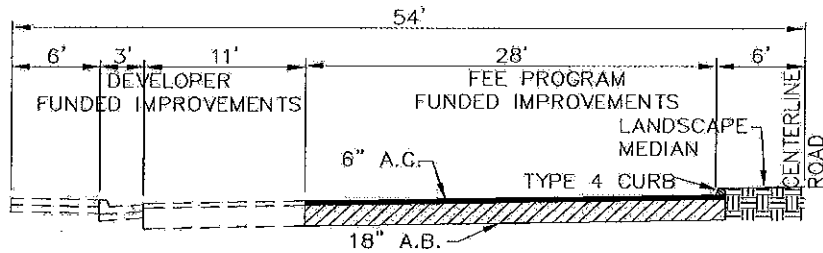
Road Project No.: **S103**

Project Description: **CALVINE RD: VINEYARD TO EXCELSIOR (4 LANES W/MEDIAN)**

Total R.O.W. 108 ft
 Program Funded
 Road Width: 68 ft
 Actual Length: 5280 lf
 Intersect Leng.: 900 lf
 Project Leng.: 4380 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	56 ft
Total Paved Area:	246,280 SF
AC Section:	6 in.
Total AC:	4,542 CY 9,539 Tons
AB Section:	18 in.
Total AB:	13,627 CY 27,253 Tons
Pavement Removal:	30 sffit
Total Pavement Removed:	131,400 SF
Section (Assumed):	3 in 0.28 CY/ff
Clearing & Grubbing	48 sffit
Total C&G:	210,240 SF
Gross Roadway Excavation:	5.04 CY/ff
Net Roadway Ex:	4.76 CY/ff Street 20,846 CY
Type 4 Median Curb:	2 f/ff Street 8,760 LF
Median Landscape:	12 sffit Street 62,560 SF
Storm Drainage: DI & Connection	2 per/ff 8760 LF
Traffic Signal Interconnect:	1 f/ff Street 4,380 FT
Striping & Signing:	1 f/ff Street 4,380 FT
Sound Wall	4,000 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
913,010		
9,539	\$70.00	\$667,730
27,253	\$27.50	\$749,458
131,400	\$1.50	\$197,100
210,240	\$0.15	\$31,536
20,846	\$30.00	\$625,380
8,760	\$12.00	\$105,120
62,560	\$11.00	\$578,160
8,760	\$17.00	\$148,920
4,380	\$10.00	\$43,800
4,380	\$6.50	\$28,470
4,000	\$115.00	\$460,000
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$3,635,674
30% Contingency		\$1,090,702
<i>Additional Costs - Explain</i>		
Total		\$4,726,376



TYPICAL 6 LANE ROAD (108' R.O.W.)
 WITH LANDSCAPE MEDIAN
 NO SCALE

APPENDIX D-10

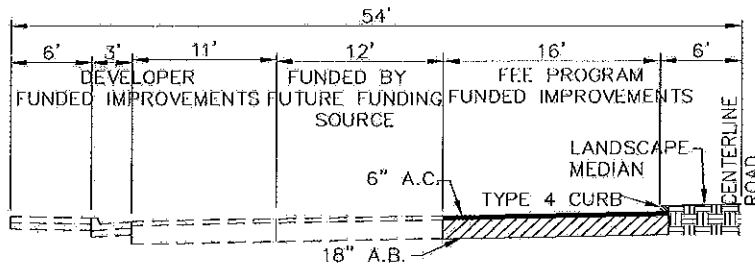
Road Project No.: **S104**

Project Description: **CALVINE RD: EXCELSIOR TO GRANT LINE (2 LANES W/MEDIAN)**

Total R.O.W. 108 ft
 Program Funded
 Road Width: 44 ft
 Actual Length: 5940 lf
 Intersect Leng.: 900 lf
 Project Leng.: 5040 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	32 ft
Total Paved Area:	161,280 SF
AC Section:	6 in.
Total AC:	2,987 CY 6,272 Tons
AB Section:	18 in.
Total AB:	8,960 CY 17,920 Tons
Pavement Removal:	30 st/ft
Total Pavement Removed:	151,200 SF
Section (Assumed):	3 in 0.28 CY/ft
Clearing & Grubbing	24 st/ft
Total C&G:	120,960 SF
Gross Roadway Excavation:	3.26 CY/ft
Net Roadway Ex:	2.98 CY/ft Street 15,027 CY
Type 4 Median Curb:	2 ft/ft Street 10,080 LF
Median Landscape:	12 st/ft Street 60,480 SF
Storm Drainage:	2 per/ft
DI & Connection	10080 Each
Traffic Signal Interconnect:	1 ft/ft Street 5,040 FT
Striping & Signing:	1 ft/ft Street 5,040 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
600,320		
6,272	\$70.00	\$439,040
17,920	\$27.50	\$492,800
151,200	\$1.50	\$226,800
120,960	\$0.15	\$18,144
15,027	\$30.00	\$450,810
10,080	\$12.00	\$120,960
60,480	\$11.00	\$665,280
10,080	\$17.00	\$171,360
5,040	\$10.00	\$50,400
5,040	\$6.50	\$32,760
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$2,668,354
30% Contingency		\$800,506
<i>Additional Costs - Explain</i>		
Total		\$3,468,860



TYPICAL 6 LANE ROAD (108' R.O.W.)
 WITH LANDSCAPE MEDIAN
 NO SCALE

APPENDIX D-12

Road Project No.: **S106**

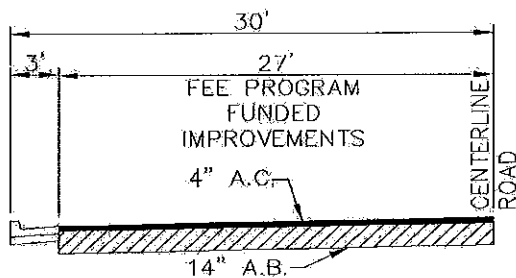
Project Description: **EAST-WEST CONNECTOR ROAD: WILDHAWK ESTATES TO BRADSHAW (54' PAVEME**

Total R.O.W. 60 ft
 Program Funded
 Road Width: 54 ft
 Actual Length: 2640 lf
 Intersect Leng.: 0 lf
 Project Leng.: 2640 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	54 ft
Total Paved Area:	142,560 SF
AC Section:	4 in.
Total AC:	1,760 CY 3,696 Tons
AB Section:	14 in.
Total AB:	6,160 CY 12,320 Tons
Pavement Removal:	0 s/ft
Total Pavement Removed:	0 SF
Section (Assumed):	3 in 0.00 CY/ft
Clearing & Grubbing	60 s/ft
Total C&G:	166,400 SF
Gross Roadway Excavation:	3.00 CY/ft
Net Roadway Ex:	3.00 CY/ft Street 7,920 CY
Type 2 Curb & Gutter:	2 f/ft Street 5,280 LF
Median Landscape:	0 s/ft Street 0 SF
Storm Drainage: DI & Connection	2 per/ft 5,280 Each
Traffic Signal Interconnect:	0 f/ft Street 0 FT
Striping & Signing:	1 f/ft Street 2,640 FT

ROW Acquisition	60 f/ft Street 3.64 Acre
-----------------	-----------------------------

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
142,560		
3,696	\$63.00	\$232,848
12,320	\$24.75	\$304,920
0	\$1.35	\$0
166,400	\$0.14	\$22,176
7,920	\$27.00	\$213,840
5,280	\$18.00	\$95,040
0	\$9.90	\$0
5,280	\$16.30	\$80,784
0	\$9.00	\$0
2,640	\$2.93	\$7,722
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$957,330
30% Contingency		\$287,199
<i>Additional Costs - Explain</i>		
Total		\$1,244,529
4	\$40,000	\$146,455



TYPICAL 2 LANE ROAD (60' R.O.W.)
 NO SCALE

APPENDIX D-13

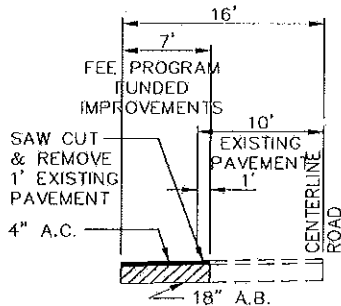
Road Project No.: **S107**

Project Description: **EXCELSIOR RD: CALVINE TO GERBER (MINIMUM PAVEMENT WIDTH)**

Total R.O.W. ? ft
 Program Funded
 Road Width: 32 ft
 Actual Length: 10560 lf
 Intersect Leng.: 0 lf
 Project Leng.: 10560 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	14 ft
Total Paved Area:	147,840 SF
AC Section:	4 in.
Total AC:	1,825 CY 3,833 Tons
AB Section:	18 in.
Total AB:	8,213 CY 16,427 Tons
Pavement Sawcut:	2 lf/ft
Total Pavement Removed:	21,120 LF
Section (Assumed):	0 in 0.00 CY/lf
Clearing & Grubbing	24 sf/ft
Total C&G:	263,440 SF
Gross Roadway Excavation:	0.95 CY/ft
Net Roadway Ex:	0.95 CY/ft Street 10,039 CY
Type 4 Median Curb:	0 ft/ft Street 0 LF
Median Landscape:	0 sf/ft Street 0 SF
Storm Drainage: DI & Connection	0 per/ft 0 LF
Traffic Signal Interconnect:	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 10,560 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
147,840		
3,833	\$70.00	\$268,302
16,427	\$27.50	\$451,733
21,120	\$1.50	\$31,680
263,440	\$0.15	\$38,016
10,039	\$30.00	\$301,156
0	\$12.00	\$0
0	\$11.00	\$0
0	\$17.00	\$0
0	\$10.00	\$0
10,560	\$6.50	\$68,640
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$1,159,527
30% Contingency		\$347,858
<i>Additional Costs - Explain</i>		
Total		\$1,507,385



MIN. ROAD WIDENING
 NO SCALE

APPENDIX D-14

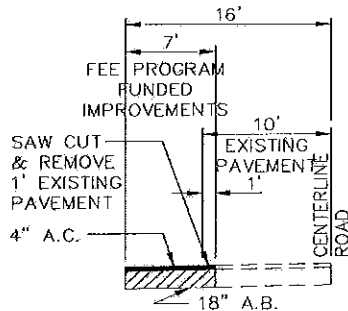
Road Project No.: **S108**

Project Description: **EXCELSIOR RD: CALVINE TO SHELDON (MINIMUM PAVEMENT WIDTH)**

Total R.O.W. ? ft
 Program Funded
 Road Width: 32 ft
 Actual Length: 5300 lf
 Intersect Leng.: 0 lf
 Project Leng.: 5300 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	14 ft
Total Paved Area:	74,200 SF
AC Section:	4 in.
Total AC:	916 CY 1,924 Tons
AB Section:	18 in.
Total AB:	4,122 CY 8,244 Tons
Pavement Sawcut:	2 lf/ft
Total Pavement Removed:	10,600 LF
Section (Assumed):	0 in 0.00 CY/lf
Clearing & Grubbing	24 sf/ft
Total C&G:	127,200 SF
Gross Roadway Excavation:	0.95 CY/ft
Net Roadway Ex:	0.95 CY/ft Street 5,038 CY
Type 4 Median Curb:	0 lf/ft Street 0 LF
Median Landscaping:	0 sf/ft Street 0 SF
Storm Drainage: DI & Connection	0 perf/ft 0 LF
Traffic Signal Interconnect.	0 lf/ft Street 0 FT
Striping & Signing:	1 lf/ft Street 5,300 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
74,200		
1,924	\$70.00	\$134,659
8,244	\$27.50	\$226,722
10,600	\$1.50	\$15,900
127,200	\$0.15	\$19,080
5,038	\$30.00	\$151,148
0	\$12.00	\$0
0	\$11.00	\$0
0	\$17.00	\$0
0	\$10.00	\$0
5,300	\$6.50	\$34,450
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Sub-Total		\$581,960
30% Contingency		\$174,588
Additional Costs - Explain		
Total		\$756,548



MIN. ROAD WIDENING
NO SCALE

APPENDIX D-15

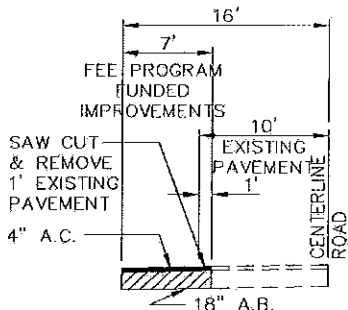
Road Project No.: **S109**

Project Description: **FLORIN RD: EXCELSIOR TO EAGLES NEST (MINIMUM PAVEMENT WIDTH)**

Total R.O.W. ? ft
 Program Funded
 Road Width: 32 ft
 Actual Length: 9000 lf
 Intersect Leng.: 0 lf
 Project Leng.: 9000 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	14 ft
Total Paved Area:	126,000 SF
AC Section:	4 in.
Total AC:	1,556 CY 3,267 Tons
AB Section:	18 in.
Total AB:	7,000 CY 14,000 Tons
Pavement Sawcut:	2 lf/ft
Total Pavement Removed:	18,000 LF
Section (Assumed):	0 in 0.00 CY/ft
Clearing & Grubbing	24 sf/ft
Total C&G:	216,000 SF
Gross Roadway Excavation:	0.95 CY/ft
Net Roadway Ex:	0.95 CY/ft Street 8,556 CY
Type 4 Median Curb:	0 ft/ft Street 0 LF
Median Landscape:	0 sf/ft Street 0 SF
Storm Drainage: DI & Connection	0 per/ft 0 LF
Traffic Signal Interconnect:	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 9,000 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
126,000		
3,267	\$70.00	\$228,667
14,000	\$27.50	\$385,000
18,000	\$1.50	\$27,000
216,000	\$0.15	\$32,400
8,556	\$30.00	\$256,667
0	\$12.00	\$0
0	\$11.00	\$0
0	\$17.00	\$0
0	\$10.00	\$0
9,000	\$6.50	\$58,500
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
	Sub-Total	\$988,233
	30% Contingency	\$296,470
<i>Additional Costs - Explain</i>		
	Total	\$1,284,703



MIN. ROAD WIDENING
NO SCALE

APPENDIX D-16

Road Project No.: **S110**

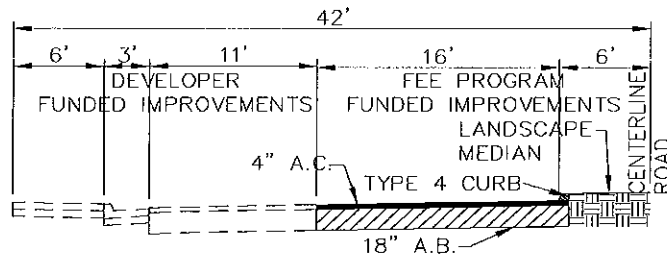
Project Description: **GERBER RD: BRADSHAW TO VINEYARD (2 LANES W/MEDIAN)**

Total R.O.W. 84 ft
 Program Funded
 Road Width: 44 ft
 Actual Length: 5300 lf
 Intersect Leng.: 900 lf
 Project Leng.: 4400 lf

Used Developer
 Constructed Costs

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	32 ft
Total Paved Area:	140,800 SF
AC Section:	4 in.
Total AC:	1,738 CY 3,650 Tons
AB Section:	18 in.
Total AB:	7,822 CY 15,644 Tons
Pavement Removal:	30 sf/ft
Total Pavement Removed:	132,000 SF
Section (Assumed):	3 in 0.28 CY/lf
Clearing & Grubbing	24 sf/lf
Total C&G:	105,600 SF
Gross Roadway Excavation:	2.99 CY/lf
Net Roadway Ex:	2.71 CY/lf Street 11,923 CY
Type 4 Median Curb:	2 lf/lf Street 8,800 LF
Median Landscape:	12 sf/lf Street 52,800 SF
Storm Drainage: DI & Connection	2 per/lf 8,800 Each
Traffic Signal Interconnect:	1 lf/lf Street 4,400 FT
Striping & Signing:	1 lf/lf Street 4,400 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
140,800		
3,650	\$70.00	\$255,526
15,644	\$27.50	\$430,222
132,000	\$1.50	\$198,000
105,600	\$0.15	\$15,840
11,923	\$30.00	\$357,704
8,800	\$12.00	\$105,600
52,800	\$11.00	\$580,800
8,800	\$17.00	\$149,600
4,400	\$10.00	\$44,000
4,400	\$3.25	\$14,300
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$2,151,592
30% Contingency		\$645,478
<i>Additional Costs - Explain</i>		
Total		\$2,797,069



TYPICAL 4 LANE ROAD (84' R.O.W.)
 WITH LANDSCAPE MEDIAN
 NO SCALE

APPENDIX D-17

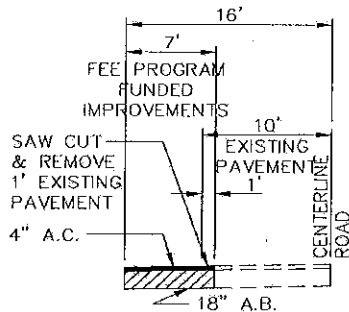
Road Project No.: **S111**

Project Description: **GERBER RD: VINEYARD TO EXCELSIOR (MINIMUM PAVEMENT WIDTH)**

Total R.O.W. ? ft
 Program Funded
 Road Width: 32 ft
 Actual Length: 5300 lf
 Intersect Leng.: 450 lf
 Project Leng.: 4850 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	14 ft
Total Paved Area:	67,900 SF
AC Section:	4 in.
Total AC:	838 CY 1,780 Tons
AB Section:	18 in.
Total AB:	3,772 CY 7,644 Tons
Pavement Sawcut:	2 ft/ft
Total Pavement Removed:	9,700 LF
Section (Assumed):	0 in 0.00 CY/ft
Clearing & Grubbing	24 ft/ft
Total C&G:	116,400 SF
Gross Roadway Excavation:	0.95 CY/ft
Net Roadway Ex:	0.95 CY/ft Street 4,810 CY
Type 4 Median Curb:	0 ft/ft Street 0 LF
Median Landscape:	0 ft/ft Street 0 SF
Storm Drainage: DI & Connection	0 per/ft 0 LF
Traffic Signal Interconnect.	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 4,850 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
67,900		
1,760	\$70.00	\$123,226
7,644	\$27.50	\$207,472
9,700	\$1.50	\$14,550
116,400	\$0.15	\$17,460
4,810	\$30.00	\$138,315
0	\$12.00	\$0
0	\$11.00	\$0
0	\$17.00	\$0
0	\$10.00	\$0
4,850	\$6.50	\$31,525
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$532,548
30% Contingency		\$159,764
<i>Additional Costs - Explain</i>		
Total		\$692,312



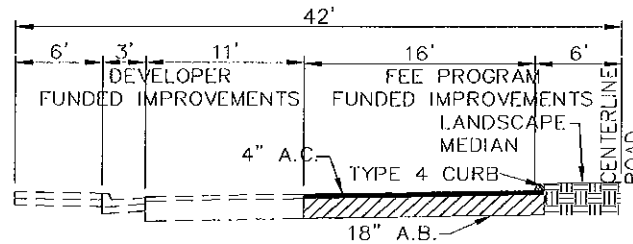
MIN. ROAD WIDENING
NO SCALE

APPENDIX D-18

Road Project No.: **S112**
 Project Description: **VINEYARD RD: MISSION HILL TO GERBER (2 LANES W/MEDIAN)**
 Total R.O.W. **84 ft**
 Program Funded
 Road Width: **44 ft**
 Actual Length: **10560 lf**
 Intersect Leng.: **900 lf**
 Project Leng.: **2640 lf**

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	34 ft
Total Paved Area:	89,760 SF
AC Section:	4 in.
Total AC:	1,108 CY 2,327 Tons
AB Section:	18 in.
Total AB:	4,987 CY 9,973 Tons
Pavement Removal:	30 s/ft
Total Pavement Removed:	79,200 SF
Section (Assumed):	3 in 0.28 CY/ft
Clearing & Grubbing	24 s/ft
Total C&G:	63,360 SF
Gross Roadway Excavation:	2.99 CY/ft
Net Roadway Ex:	2.71 CY/ft Street 7,154 CY
Type 4 Median Curb:	2 ft/ft Street 5,280 LF
Median Landscape:	11 s/ft Street 29,040 SF
Storm Drainage: DI & Connection	2 per/ft 5,280 Each
Traffic Signal Interconnect:	1 ft/ft Street 2,640 FT
Striping & Signing:	1 ft/ft Street 2,640 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
89,760		
2,327	\$83.00	\$146,809
9,973	\$24.75	\$246,840
79,200	\$1.35	\$106,920
63,360	\$0.14	\$8,870
7,154	\$27.00	\$193,160
5,280	\$10.80	\$57,024
29,040	\$9.90	\$287,496
5,280	\$15.30	\$80,784
2,640	\$9.00	\$23,760
2,640	\$5.85	\$15,444
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$1,166,906
30% Contingency		\$350,072
<i>Additional Costs - Explain</i>		
Total		\$1,516,978



TYPICAL 4 LANE ROAD (84' R.O.W.)
 WITH LANDSCAPE MEDIAN
 NO SCALE

APPENDIX D-19

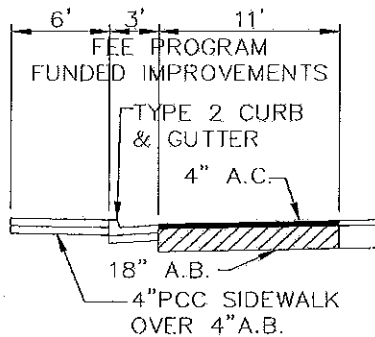
Road Project No.: **OT101**

Project Description: **CALVINE RD: BRADSHAW TO VINEYARD EXIST. FRONT. NORTH SIDE (11', CG&S)**

Total R.O.W. 84 ft
 Program Funded
 Road Width: 11 ft
 Actual Length: 1210 lf
 Intersect Leng.: 0 lf
 Project Leng.: 1210 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	11 ft
Total Paved Area:	13,310 SF
AC Section:	4 in.
Total AC:	164 CY 345 Tons
AB Section:	18 in.
Total AB:	739 CY 1,479 Tons
Pavement Removal:	0 sff
Total Pavement Removed:	0 SF
Section (Assumed):	0 in 0.00 CYM
Clearing & Grubbing	20 sff
Total C&G:	24,200 SF
Gross Roadway Excavation:	0.75 CYM
Net Roadway Ex:	0.75 CYM Street 904 CY
Type 2 C&G	1 fmf Street 1,210 LF
Sidewalk	6 sff Street 7,260 SF
Storm Drainage: DI & Connection	1 per/f 1210 Each
Traffic Signal Interconnect.	0 fmf Street 0 FT
Striping & Signing:	1 fmf Street 1,210 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
13,310		
345	\$70.00	\$24,155
1,479	\$27.50	\$40,669
0	\$1.50	\$0
24,200	\$0.15	\$3,630
904	\$30.00	\$27,113
1,210	\$20.00	\$24,200
7,260	\$6.00	\$43,560
1,210	\$17.00	\$20,570
0	\$10.00	\$0
1,210	\$3.25	\$3,933
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$187,830
30% Contingency		\$56,349
<i>Additional Costs - Explain</i>		
Total		\$244,179



SECTION SKETCH

NO SCALE

APPENDIX D-20

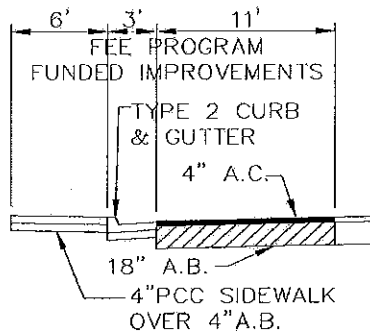
Road Project No.: **OT102**

Project Description: **CALVINE RD: BRADSHAW TO VINEYARD EXIST. FRONT. SOUTH SIDE (11', CG&S)**

Total R.O.W. 84 ft
 Program Funded
 Road Width: 11 ft
 Actual Length: 3863 lf
 Intersect Leng.: 0 lf
 Project Leng.: 3863 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	11 ft
Total Paved Area:	42,493 SF
AC Section:	4 in.
Total AC:	525 CY 1,102 Tons
AB Section:	18 in.
Total AB:	2,361 CY 4,721 Tons
Pavement Removal:	0 sf/ft
Total Pavement Removed:	0 SF
Section (Assumed):	0 in 0.00 CY/ft
Clearing & Grubbing	20 sf/ft
Total C&G:	77,260 SF
Gross Roadway Excavation:	0.75 CY/ft
Net Roadway Ex:	0.75 CY/ft Street 2,885 CY
Type 2 C&G	1 ft/ft Street 3,863 LF
Sidewalk	6 sf/ft Street 23,178 SF
Storm Drainage: DI & Connection	1 per/ft 3863 Each
Traffic Signal Interconnect.	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 3,863 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
42,493		
1,102	\$70.00	\$77,117
4,721	\$27.50	\$129,840
0	\$1.50	\$0
77,260	\$0.15	\$11,589
2,885	\$30.00	\$86,560
3,863	\$20.00	\$77,260
23,178	\$8.00	\$139,068
3,863	\$17.00	\$65,671
0	\$10.00	\$0
3,863	\$3.25	\$12,555
Additional Costs = Explain		
Additional Costs = Explain		
Additional Costs = Explain		
Additional Costs = Explain		
Sub-Total		\$599,659
30% Contingency		\$179,898
Additional Costs = Explain		
Total		\$779,557



SECTION SKETCH

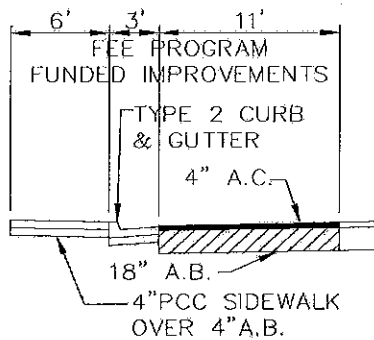
NO SCALE

APPENDIX D-21

Road Project No.: **OT103**
 Project Description: **CALVINE RD: VINEYARD TO EXCELSIOR EXIST. FRONT. SOUTH SIDE (11', CG&S)**
 Total R.O.W. **84 ft**
 Program Funded
 Road Width: **11 ft**
 Actual Length: **1482 lf**
 Intersect Leng.: **0 lf**
 Project Leng.: **1482 lf**

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	11 ft
Total Paved Area:	16,302 SF
AC Section:	4 in.
Total AC:	201 CY 423 Tons
AB Section:	18 in.
Total AB:	906 CY 1,811 Tons
Pavement Removal:	0 sff/ft
Total Pavement Removed:	0 SF
Section (Assumed):	0 in 0.00 CY/lf
Clearing & Grubbing	20 sff/ft
Total C&G:	29,640 SF
Gross Roadway Excavation:	0.75 CY/lf
Net Roadway Ex:	0.75 CY/lf Street 1,107 CY
Type 2 C&G	1 lf/lf Street 1,482 LF
Sidewalk	6 sff/lf Street 8,892 SF
Storm Drainage: DI & Connection	1 per/lf 1482 Each
Traffic Signal Interconnect.	0 lf/lf Street 0 FT
Striping & Signing:	1 lf/lf Street 1,482 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
16,302		
423	\$70.00	\$29,585
1,811	\$27.50	\$49,812
0	\$1.50	\$0
29,640	\$0.15	\$4,446
1,107	\$30.00	\$33,208
1,482	\$20.00	\$29,640
8,892	\$6.00	\$53,352
1,482	\$17.00	\$25,194
0	\$10.00	\$0
1,482	\$3.25	\$4,817
<i>Additional Costs: Explain</i>		
<i>Additional Costs: Explain</i>		
<i>Additional Costs: Explain</i>		
<i>Additional Costs: Explain</i>		
Sub-Total		\$230,053
30% Contingency		\$69,016
<i>Additional Costs: Explain</i>		
Total		\$299,069

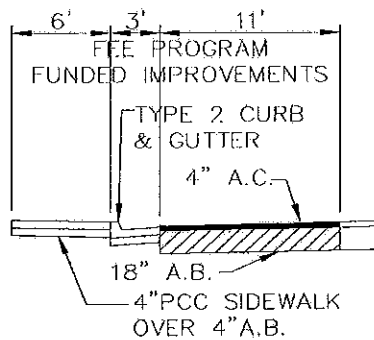


APPENDIX D-22

Road Project No.: **OT104**
 Project Description: **GERBER RD: NVS BOUNDARY TO WATERMAN EXIST. FRONT. SOUTH SIDE (11' + 6' SHOULDER)**
 Total R.O.W. 0 ft
 Program Funded 11 ft
 Road Width: 667 lf
 Actual Length: 667 lf
 Intersect Leng.: 0 lf
 Project Leng.: 667 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	11 ft
Total Paved Area:	7,337 SF
AC Section:	4 in.
Total AC:	91 CY 190 Tons
AB Section:	18 in.
Total AB:	408 CY 816 Tons
Pavement Removal:	0 s/ft
Total Pavement Removed:	0 SF
Section (Assumed):	0 in 0.00 CY/ft
Clearing & Grubbing	20 s/ft
Total C&G:	13,340 SF
Gross Roadway Excavation:	0.75 CY/ft
Net Roadway Ex:	0.75 CY/ft Street 498 CY
Type 2 C&G	1 ft/ft Street 667 LF
Sidewalk	6 s/ft Street 4,002 SF
Storm Drainage: DI & Connection	1 per/ft 667 Each
Traffic Signal Interconnect.	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 667 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
7,337		
190	\$70.00	\$13,315
816	\$27.50	\$22,419
0	\$1.50	\$0
13,340	\$0.15	\$2,001
498	\$30.00	\$14,946
667	\$20.00	\$13,340
4,002	\$6.00	\$24,012
667	\$17.00	\$11,339
0	\$10.00	\$0
667	\$3.25	\$2,168
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$103,539
30% Contingency		\$31,062
<i>Additional Costs - Explain</i>		
Total		\$134,601



SECTION SKETCH

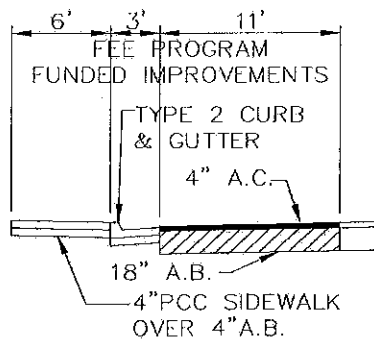
NO SCALE

APPENDIX D-23

Road Project No.: **OT105**
 Project Description: **GERBER RD: DRAINAGE CROSSING #4 FRONT. SOUTH SIDE (11', CG&S)**
 Total R.O.W.: **0 ft**
 Program Funded: **11 ft**
 Road Width: **117 lf**
 Actual Length: **0 lf**
 Intersect Leng.: **117 lf**
 Project Leng.: **117 lf**

PROJECT SCOPE		UNITS
Project Paved Width:	11 ft	
Total Paved Area:	1,287	SF
AC Section:	4 in.	
Total AC:	16	CY
	33	Tons
AB Section:	18 in.	
Total AB:	72	CY
	143	Tons
Pavement Removal:	0 sf/ft	
Total Pavement Removed:	0	SF
Section (Assumed):	0 in	
	0.00	CY/ft
Clearing & Grubbing	20 sf/ft	
Total C&G:	2,340	SF
Gross Roadway Excavation:	0.75 CY/ft	
Net Roadway Ex:	0.75 CY/ft Street	
	87	CY
Type 2 C&G	1 ft/ft Street	
	117	LF
Sidewalk	6 sf/ft Street	
	702	SF
Storm Drainage: DI & Connection	1 per/ft	
	117	Each
Traffic Signal Interconnect.	0 ft/ft Street	
	0	FT
Striping & Signing:	1 ft/ft Street	
	117	FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
1,287		
33	\$70.00	\$2,336
143	\$27.50	\$3,933
0	\$1.50	\$0
2,340	\$0.15	\$361
87	\$30.00	\$2,622
117	\$20.00	\$2,340
702	\$6.00	\$4,212
117	\$17.00	\$1,989
0	\$10.00	\$0
117	\$3.25	\$380
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Additional Costs - Explain		
Sub-Total		\$18,162
30% Contingency		\$5,449
Additional Costs - Explain		
Total		\$23,611



SECTION SKETCH

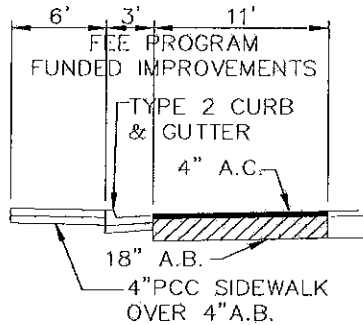
NO SCALE

APPENDIX D-24

Road Project No.: OT106
 Project Description: GERBER RD: DRAINAGE CROSSING #3 FRONT. SOUTH SIDE (11', CG&S)
 Total R.O.W. 0 ft
 Program Funded
 Road Width: 11 ft
 Actual Length: 117 lf
 Intersect Leng.: 0 lf
 Project Leng.: 117 lf

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	11 ft
Total Paved Area:	1,287 SF
AC Section:	4 in.
Total AC:	18 CY 33 Tons
AB Section:	18 in.
Total AB:	72 CY 143 Tons
Pavement Removal:	0 sf/ft
Total Pavement Removed:	0 SF
Section (Assumed):	0 in. 0.00 CY/ft
Clearing & Grubbing	20 sf/ft
Total C&G:	2,340 SF
Gross Roadway Excavation:	0.75 CY/ft
Net Roadway Ex:	0.75 CY/ft Street 87 CY
Type 2 C&G	1 ft/ft Street 117 LF
Sidewalk	6 sf/ft Street 702 SF
Storm Drainage: DI & Connection	1 per/ft 117 Each
Traffic Signal Interconnect.	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 117 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
1,287		
33	\$70.00	\$2,336
143	\$27.50	\$3,933
0	\$1.50	\$0
2,340	\$0.16	\$351
87	\$30.00	\$2,622
117	\$20.00	\$2,340
702	\$6.00	\$4,212
117	\$17.00	\$1,989
0	\$10.00	\$0
117	\$3.25	\$380
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$18,162
30% Contingency		\$5,449
<i>Additional Costs - Explain</i>		
Total		\$23,611



SECTION SKETCH

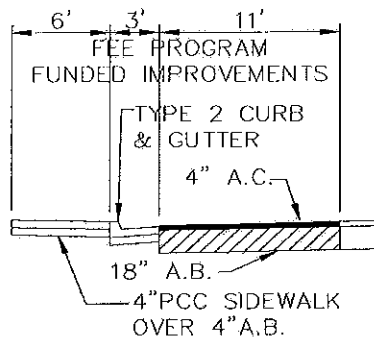
NO SCALE

APPENDIX D-25

Road Project No.: OT107
 Project Description: GERBER RD: WATERMAN TO BRADSHAW EXIST. FRONT. SOUTH SIDE (11' + 6" SHOULDER)
 Total R.O.W. 0 ft
 Program Funded
 Road Width: 11 ft
 Actual Length: 542 ft
 Intersect Leng.: 0 ft
 Project Leng.: 542 ft

PROJECT SCOPE		UNITS
Project Paved Width:	11 ft	
Total Paved Area:	5,962	SF
AC Section:	4 in.	
Total AC:	74	CY
	155	Tons
AB Section:	18 in.	
Total AB:	331	CY
	662	Tons
Pavement Removal:	0	s/ft
Total Pavement Removed:	0	SF
Section (Assumed):	0 in	
	0.00	CY/ft
Clearing & Grubbing	20	s/ft
Total C&G:	10,840	SF
Gross Roadway Excavation:	0.75	CY/ft
Net Roadway Ex:	0.75	CY/ft Street
	405	CY
Type 2 C&G	1	ft/ft Street
	542	LF
Sidewalk	6	s/ft Street
	3,262	SF
Storm Drainage: DI & Connection	1	per/ft
	542	Each
Traffic Signal Interconnect:	0	ft/ft Street
	0	FT
Striping & Signing:	1	ft/ft Street
	542	FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
5,962		
155	\$70.00	\$10,820
662	\$27.50	\$18,217
0	\$1.50	\$0
10,840	\$0.15	\$1,626
405	\$30.00	\$12,145
542	\$20.00	\$10,840
3,262	\$6.00	\$19,512
542	\$17.00	\$9,214
0	\$10.00	\$0
542	\$3.25	\$1,762
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$84,135
30% Contingency		\$25,241
<i>Additional Costs - Explain</i>		
Total		\$109,376



SECTION SKETCH

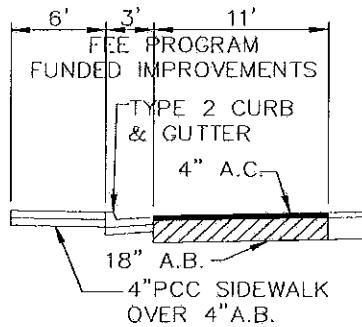
NO SCALE

APPENDIX D-26

Road Project No.: **OT108**
 Project Description: **GERBER RD: ELK GROVE-FLORIN TO NVS BOUNDARY EXIST. FRONT. (11' + 6' SHOULDER)**
 Total R.O.W. **0 ft**
 Program Funded
 Road Width: **11 ft**
 Actual Length: **225 lf**
 Intersect Leng.: **0 lf**
 Project Leng.: **225 lf**

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	11 ft
Total Paved Area:	2,475 SF
AC Section:	4 in.
Total AC:	31 CY 64 Tons
AB Section:	18 in.
Total AB:	138 CY 275 Tons
Pavement Removal:	0 sf/ft
Total Pavement Removed:	0 SF
Section (Assumed):	0 in. 0.00 CY/ft
Clearing & Grubbing	20 sf/ft
Total C&G:	4,500 SF
Gross Roadway Excavation:	0.75 CY/ft
Net Roadway Ex:	0.75 CY/ft Street 168 CY
Type 2 C&G	1 ft/ft Street 225 LF
Sidewalk	6 sf/ft Street 1,350 SF
Storm Drainage: DI & Connection	1 per/ft 225 Each
Traffic Signal Interconnect.	0 ft/ft Street 0 FT
Striping & Signing:	1 ft/ft Street 225 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
2,475		
64	\$70.00	\$4,492
275	\$27.50	\$7,563
0	\$1.50	\$0
4,500	\$0.15	\$675
168	\$30.00	\$5,042
225	\$20.00	\$4,500
1,350	\$6.00	\$8,100
225	\$17.00	\$3,825
0	\$10.00	\$0
225	\$3.25	\$731
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$34,927
30% Contingency		\$10,478
<i>Additional Costs - Explain</i>		
Total		\$45,405



SECTION SKETCH

NO SCALE

APPENDIX D-27

Road Project No.: 118
 Project Description: CALVINE RD / WATERMAN RD 4X6 W/ TRAFFIC SIGNAL
 Intersection Type 4x6

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	ft
Total Paved Area:	84,826 SF
AC Section:	4 in.
Total AC:	800 CY 1,681 Tons
AB Section:	18 in.
Total AB:	3,601 CY 7,203 Tons
Pavement Removal:	sf/ft
Total Pavement Removed:	53,100 SF
Section (Assumed):	3 in. 491.67 CY
Clearing & Grubbing	
Total C&G:	44,224 SF
Gross Roadway Excavation:	4402 CY
Net Roadway Ex:	3910 CY
Type 4 Median Curb:	810 LF
Median Landscape:	2480 SF
Type 2 Curb & Gtr	103 LF
4" PCC Sidewalk	628 SF
Storm Drain:	1565 LF
Traffic Signal	1 EA
Striping & Signing:	900 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
9,655		
250	\$63.00	\$15,770
1,073	\$24.75	\$26,561
0	\$1.35	\$0
20,989	\$0.14	\$2,938
	\$27.00	\$16,092
(810)	\$10.80	\$0
	\$9.90	\$0
41	\$18.00	\$743
206	\$5.40	\$1,110
	\$15.30	\$6,885
0	\$198,000.00	\$0
	\$5.85	\$0
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
	Sub-Total	\$70,089
	30% Contingency	\$21,027
<i>Additional Costs - Explain</i>		
	Total	\$91,115

APPENDIX D-28

Road Project No.: 136

Project Description: VINTAGE PARK / WATERMAN RD 4X4 W/TRAFFIC SIGNAL

Intersection Type 4x4

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	ft
Total Paved Area:	111,328 SF
AC Section:	4 in.
Total AC:	1,374 CY 2,886 Tons
AB Section:	18 in.
Total AB:	6,185 CY 12,370 Tons
Pavement Removal:	sf/ft
Total Pavement Removed:	53,100 SF
Section (Assumed):	3 in
	491,67 CY
Clearing & Grubbing	
Total C&G:	88,448 SF
Gross Roadway	
Excavation:	7559 CY
Net Roadway Ex:	7068 CY
Type 4 Median Curb:	0 LF
Median Landscape:	0 SF
Type 2 Curb & Gtr	205 SF
4" PCC Sidewalk	1,056 SF
Storm Drain:	3130 LF
Traffic Signal	1 EA
Striping & Signing:	1,800 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
6,600		
171	\$70.00	\$11,978
733	\$27.50	\$20,187
0	\$1.50	\$0
6,600	\$0.15	\$990
448	\$30.00	\$13,444
0	\$12.00	\$0
0	\$11.00	\$0
0	\$20.00	\$0
0	\$6.00	\$0
3,130	\$17.00	\$53,210
0	\$220,000.00	\$0
450	\$6.50	\$2,925
Sub-Total		\$102,714
30% Contingency		\$30,814
Pending Signal Reimbursement		\$0.00
Total		\$133,528

APPENDIX D-29

Road Project No.: **I102**
 Project Description: **CALVINE / EXCELSIOR**
 Intersection Type **4x6**

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	ft
Total Paved Area:	129,652 SF
AC Section:	4 in.
Total AC:	1,604 CY 3,361 Tons
AB Section:	18 in.
Total AB:	7,203 CY 14,406 Tons
Pavement Removal:	sf/ft
Total Pavement Removed:	53,100 SF
Section (Assumed):	3 in
	491.67 CY
Clearing & Grubbing	
Total C&G:	88,448 SF
Gross Roadway	
Excavation:	8804 CY
Net Roadway Ex:	8312 CY
Type 4 Median Curb:	1620 LF
Median Landscape:	4920 SF
Type 2 Curb & Gtr	205 SF
4" PCC Sidewalk	1,056 SF
Storm Drain:	3130 LF
Traffic Signal	1 EA
Striping & Signing:	1,800 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
129,652		
3,361	\$70.00	\$235,284
14,406	\$27.50	\$396,159
53,100	\$1.50	\$79,650
88,448	\$0.15	\$13,267
8,312	\$30.00	\$249,368
1,620	\$12.00	\$19,440
4,920	\$11.00	\$54,120
205	\$20.00	\$4,100
1,056	\$6.00	\$6,336
3,130	\$17.00	\$53,210
1	\$220,000.00	\$220,000
1,800	\$6.50	\$11,700
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
	Sub-Total	\$1,342,632
	30% Contingency	\$402,790
<i>Additional Costs - Explain</i>		
	Total	\$1,745,422

APPENDIX D-30

Road Project No.: I104
 Project Description: GERBER / VINEYARD
 Intersection Type 4x4

PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	ft
Total Paved Area:	111,328 SF
AC Section:	4 in.
Total AC:	1,374 CY 2,886 Tons
AB Section:	18 in.
Total AB:	6,185 CY 12,370 Tons
Pavement Removal:	sf/ft
Total Pavement Removed:	53,100 SF
Section (Assumed):	3 in 491.67 CY
Clearing & Grubbing	
Total C&G:	70,068 SF
Gross Roadway	
Excavation:	7559 CY
Net Roadway Ex:	7068 CY
Type 4 Median Curb:	1620 LF
Median Landscape:	4920 SF
Type 2 Curb & Gtr	205 SF
4" PCC Sidewalk	1,056 SF
Storm Drain:	3130 LF
Traffic Signal	1 EA
Striping & Signing:	1,800 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
111,328		
2,886	\$63.00	\$181,836
12,370	\$24.75	\$306,152
53,100	\$1.35	\$71,685
70,068	\$0.14	\$9,810
7,068	\$27.00	\$190,828
1,620	\$10.80	\$17,496
4,920	\$9.90	\$48,708
205	\$18.00	\$3,690
1,056	\$5.40	\$5,702
3,130	\$15.30	\$47,889
1	\$198,000.00	\$198,000
1,800	\$5.85	\$10,530
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$1,092,324
30% Contingency		\$327,697
<i>Additional Costs - Explain</i>		
Total		\$1,420,021

APPENDIX D-31

Road Project No.: **106**
 Project Description: **GRANT LINE / CALVINE 6X6 W/TRAFFIC SIGNAL**
 Intersection Type: **6x6**

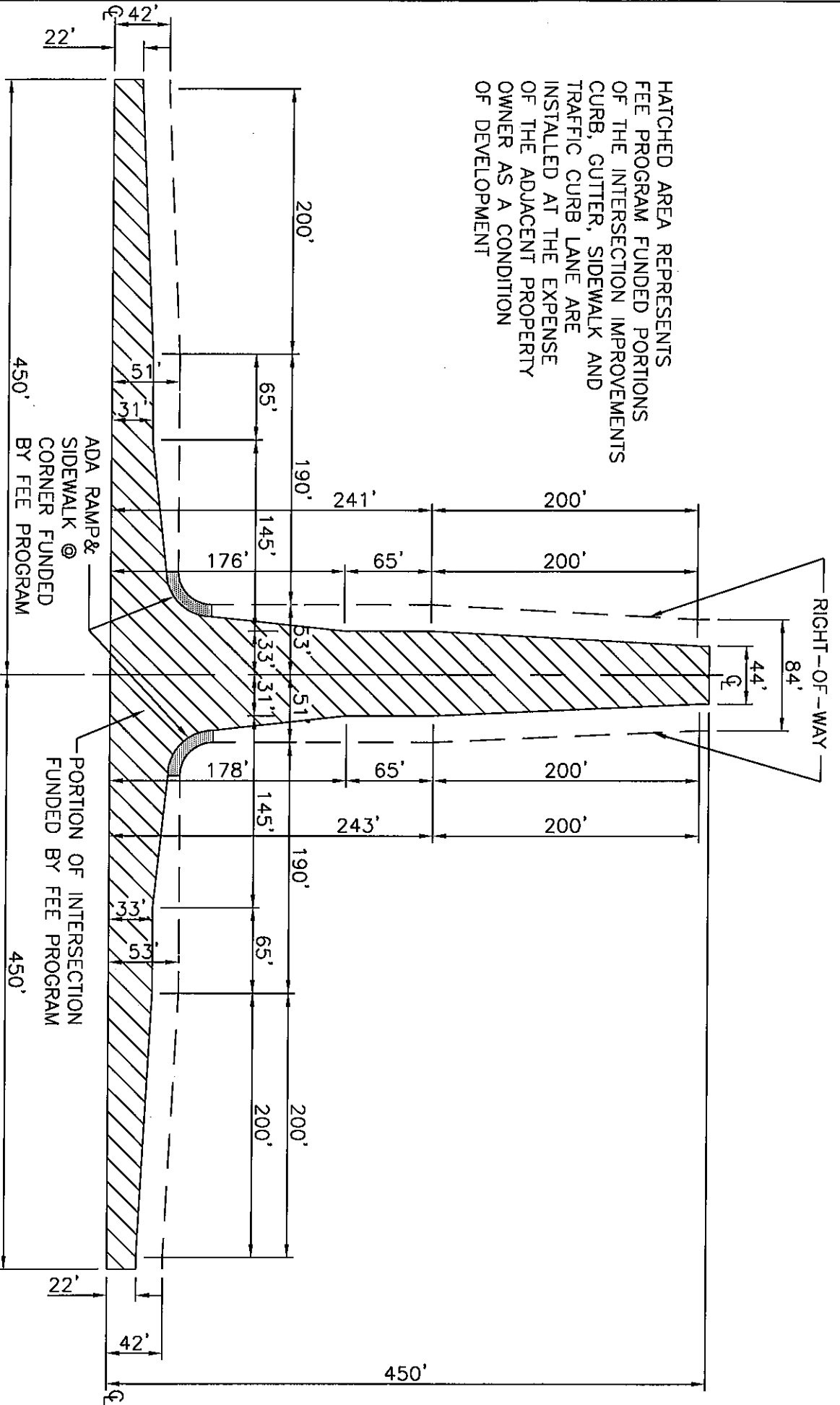
PROJECT SCOPE	
COMPONENT	UNITS
Project Paved Width:	ft
Total Paved Area:	148,554 SF
AC Section:	6 in.
Total AC:	2,751 CY 5,777 Tons
AB Section:	18 in.
Total AB:	8,253 CY 16,506 Tons
Pavement Removal:	sf/ft
Total Pavement Removed:	53,100 SF
Section (Assumed):	3 in 491.67 CY
Clearing & Grubbing	
Total C&G:	143,534 SF
Gross Roadway Excavation:	11004 CY
Net Roadway Ex:	10512 CY
Type 4 Median Curb:	1620 LF
Median Landscape:	4920 SF
Type 2 Curb & Gtr	205 SF
4" PCC Sidewalk	1,056 SF
Storm Drain:	3,130 LF
Traffic Signal	1 EA
Striping & Signing:	1,800 FT

PROJECT COSTS		
REMAINING QUANTITIES	UNIT COSTS	REMAINING COSTS
148,554		
5,777	\$70.00	\$404,397
16,506	\$27.50	\$453,915
53,100	\$1.50	\$79,650
143,534	\$0.15	\$21,530
10,512	\$30.00	\$315,370
1,620	\$12.00	\$19,440
4,920	\$11.00	\$54,120
205	\$20.00	\$4,100
1,056	\$8.00	\$8,336
3,130	\$17.00	\$53,210
1	\$220,000.00	\$220,000
1,800	\$6.50	\$11,700
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
<i>Additional Costs - Explain</i>		
Sub-Total		\$1,643,768
30% Contingency		\$493,130
<i>Additional Costs - Explain</i>		
Total		\$2,136,899

APPENDIX D-32 SCHEDULE OF VALUES FOR REIMBURSEMENTS

Line Items	Updated Devel. Unit Costs	Cost per Square Foot of New Paving							
		East-West Con.	Min. Widening	Outside Turn Lane	4 Lane	6 Lane	4x4 Intersec.	4x6 Intersec.	
Clear & Grubbing (sf)	\$0.14	\$0.14	\$0.14	\$0.14	\$0.14	\$0.14	\$0.14	\$0.14	
Pavement Removal (sf)	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	
Roadway Excavation (cy)	\$27.00	\$1.50	\$1.83	\$1.83	\$1.83	\$2.00	\$1.67	\$1.83	
Aggregate Base (ton)	\$24.75	\$2.14	\$2.75	\$2.75	\$2.75	\$2.75	\$2.44	\$2.75	
Depth of A.B. for per section in inches		14	18	18	18	18	16	18	
Asphalt Concrete (ton)	\$63.00	\$1.63	\$1.63	\$1.63	\$1.63	\$2.45	\$1.63	\$1.63	
Depth of A.C. per section in inches		4	4	4	4	6	4	4	
Sidewalk w/AB (sf)	\$5.40	\$5.40	\$5.40	\$5.40	\$5.40	\$5.40	\$5.40	\$5.40	
Median Landscaping (sf)	\$9.90	\$9.90	\$9.90	\$9.90	\$9.90	\$9.90	\$9.90	\$9.90	
Bridge Construction (sf)	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	\$108.00	
ITEMS W/COSTS PER UNITS SHOWN									
Signing & Striping (lf)	\$5.85								
Traffic Signal Interconnect (lf)	\$9.00								
Type 2 Curb (lf)	\$18.00								
Type 4 Curb (lf)	\$10.80								
Sawcut of Exist. Asphalt (lf)	\$0.90								
6' Soundwall (lf)	\$103.50								
Traffic Signal w/o Pavement	\$198,000.00								
Traffic Signal w/ Minor Pavement	\$297,000.00								
Pedestrian Lighted Crossing (ea)	\$63,000.00								

FIGURE D-1

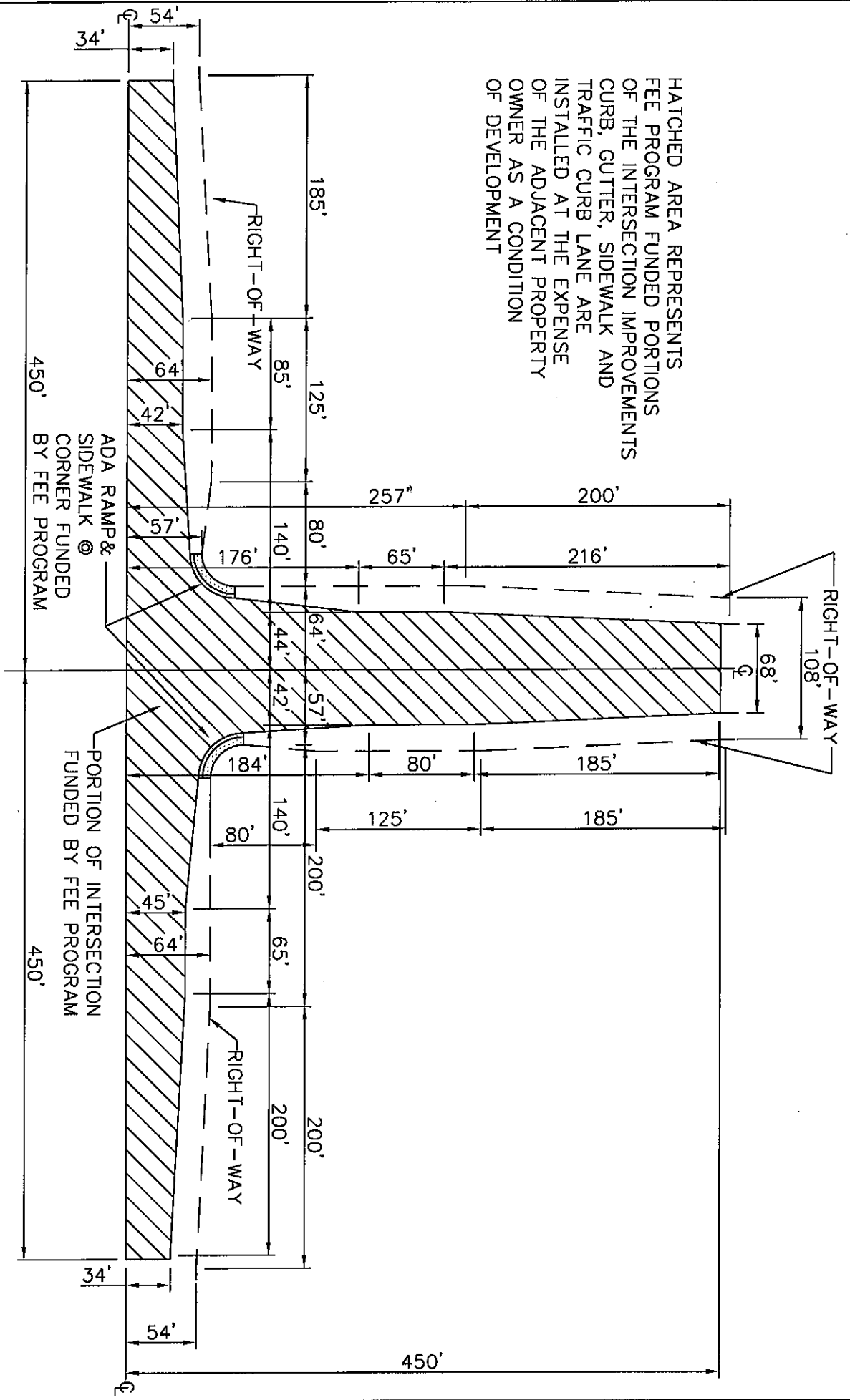


HATCHED AREA REPRESENTS FEE PROGRAM FUNDED PORTIONS OF THE INTERSECTION IMPROVEMENTS CURB, CUTTER, SIDEWALK AND TRAFFIC CURB LANE ARE INSTALLED AT THE EXPENSE OF THE ADJACENT PROPERTY OWNER AS A CONDITION OF DEVELOPMENT

TYPICAL 4X4 INTERSECTION IMPROVEMENTS FUNDED BY FEE PROGRAM
NO SCALE

FIGURE D-3

HATCHED AREA REPRESENTS FEE PROGRAM FUNDED PORTIONS OF THE INTERSECTION IMPROVEMENTS CURB, GUTTER, SIDEWALK AND TRAFFIC CURB LANE ARE INSTALLED AT THE EXPENSE OF THE ADJACENT PROPERTY OWNER AS A CONDITION OF DEVELOPMENT



TYPICAL 6X6 INTERSECTION IMPROVEMENTS FUNDED BY FEE PROGRAM
NO SCALE

APPENDIX E

Appendix E includes the amount of contribution to the Vineyard Roadway Development Fee for each property located in Subzone 1. These properties were conditioned as a part of their rezone agreements to contribute towards the construction of the Calvine Road/Highway 99 Interchange as well as the funding of the Power Inn Road/Auberry Drive improvements. A total of \$2,118,998 will be collected from remaining properties in Subzone 1 to fund these items. APPENDIX E shows a detailed per parcel breakdown of the \$2,118,998 for properties in Subzone 1. The following is the contents of Appendix E:

- ▶ Appendix E-1: Roadway Development Fee Subzone 1 Contribution.
- ▶ Appendix E-2: Fee Rates for projects meeting Grandfathering requirements.

APPENDIX E-1

VINEYARD PUBLIC FACILITIES FINANCING PLAN
 DEVELOPMENT FEE PROGRAM
 ROADWAY DEVELOPMENT FEE SUBZONE 1 CONTRIBUTIONS

PARCEL OWNER	PROPERTY DESCRIPTION				D.U.E. TOTAL PER PARCEL	% SHARE	FEE PER PARCEL
	A.P.N.	ZONING	ACREAGE	D.U.E.			
SOUTH VALLEY CENTER LLC	115-1820-002	MP	1.02	18.00	18.41	1.93%	\$ 60,019
SOUTH VALLEY CENTER LLC	115-1820-003	MP	1.14	18.00	20.57	2.15%	\$ 67,059
SOUTH VALLEY CENTER LLC	115-1820-004	MP	0.76	18.00	13.74	1.44%	\$ 44,794
SOUTH VALLEY CENTER LLC	115-1820-005	MP	0.76	18.00	13.74	1.44%	\$ 44,794
SOUTH VALLEY CENTER LLC	115-1820-006	MP	0.60	18.00	10.74	1.12%	\$ 34,990
SOUTH VALLEY CENTER LLC	115-1820-007	MP	0.62	18.00	11.19	1.17%	\$ 36,469
SOUTH VALLEY CENTER LLC	115-1820-008	MP	0.72	18.00	13.01	1.36%	\$ 42,418
SOUTH VALLEY CENTER LLC	115-1820-001	MP	1.50	18.00	27.00	2.82%	\$ 88,004
PSA INSTITUTIONAL PARTNERS	115-0130-054	MP	2.64	18.00	47.52	4.97%	CONSTRUCTED
MARLOW SACRAMENTO	115-0130-055	SC	15.73	13.40	210.78	22.04%	\$ 687,026
CA AMERICAN WATER CO	115-0130-059	BP	0.02	13.50	0.22	0.02%	\$ 727
CDF HOLDINGS LLC	115-0130-060	BP	4.0	13.50	54.00	5.65%	CONSTRUCTED
MOREHOUSE/TOUHY	115-0130-063	MP	11.27	18.00	202.86	21.21%	\$ 661,204
MOREHOUSE/TOUHY	115-0130-063	RD20	0.89	10.20	9.07	0.95%	\$ 29,556
MOREHOUSE/TOUHY	115-0130-063	RD30	0.17	14.40	2.47	0.26%	\$ 8,056
AUBERRY PARK LP	115-0130-064	RD20	6.02	10.20	61.44	6.42%	CONSTRUCTED
AUBERRY PARK LP	115-0130-064	RD30	0.65	14.40	9.31	0.97%	CONSTRUCTED
MOREHOUSE/TOUHY	115-0130-065	MP	5.35	18.00	96.30	10.07%	\$ 313,881
THE VERANDAS	115-0130-066	RD30	9.30	14.40	133.92	14.00%	CONSTRUCTED
TOTAL REMAINING					956.31	100%	\$ 2,118,998

APPENDIX E-2

VINEYARD FINANCING PLAN DEVELOPMENT FEE PROGRAM

DUE FACTORS AND PROGRAM FEES FOR NON-RESIDENTIAL DEVELOPMENTS

MEETING THE GRANDFATHERING CRITERIA SPECIFIED IN THE "FEE CALCULATION" section of the PFFP

DUE FACTORS AND PROGRAM FEES FOR SUBZONES 2 & 3

LAND USE ZONE	ROADWAY		TRANSIT		SRPD PARK IMPROVEMENT		LIBRARY	
	DUE	Program	DUE	Program	DUE	Program	DUE	Program
	Factor	Fee	Factor	Fee	Factor	Fee	Factor	Fee
M-1/M-2	7.0	\$3.83	9.2	\$0.21	1.5	\$0.27	N/A	N/A
MP	18.0	\$8.61	24.4	\$0.50	3.5	\$0.55	N/A	N/A
BP	13.5	\$7.38	36.9	\$0.86	3.2	\$0.57	N/A	N/A
SC	13.4	\$9.16	66.4	\$1.93	2.1	\$0.47	N/A	N/A
GC	16.3	\$12.48	52.8	\$1.72	1.7	\$0.42	N/A	N/A
LC	16.3	\$12.48	52.8	\$1.72	2.5	\$0.62	N/A	N/A
TC	16.3	\$12.48	17.6	\$0.57	3.0	\$0.75	N/A	N/A

VINEYARD FINANCING PLAN DEVELOPMENT FEES ARE CALCULATED USING THE FOLLOWING EQUATION :

I. RESIDENTIAL:

$$\text{VINEYARD FEE} = \text{Acreage} \times \text{Due Factor} \times \text{Program Fee}$$

$$\text{PLUS VINEYARD PROGRAM ADMINISTRATION FEE} = \text{TOTAL VINEYARD FEES} \times 4\%$$

Acreage = Gross Acreage proposed for development including rights - of - way , unless right - of - way is 84 feet or greater.

II. COMMERCIAL:

$$\text{VINEYARD FEE} = \text{SQ. FT.} \times \text{Program Fee}$$

$$\text{PLUS VINEYARD PROGRAM ADMINISTRATION FEE} = \text{TOTAL VINEYARD FEES} \times 4\%$$

DUE FACTORS AND PROGRAM FEES FOR SUBZONE 4

LAND USE ZONE	ROADWAY		TRANSIT		SRPD PARK IMPROVEMENT		LIBRARY	
	DUE	Program	DUE	Program	DUE	Program	DUE	Program
	Factor	Fee	Factor	Fee	Factor	Fee	Factor	Fee
M-1/M-2	7.0	\$3.83	9.2	\$0.21	1.5	\$0.27	N/A	N/A
MP	18.0	\$8.61	24.4	\$0.50	3.5	\$0.55	N/A	N/A
BP	13.5	\$7.38	36.9	\$0.86	3.2	\$0.57	N/A	N/A
SC	13.4	\$9.16	66.4	\$1.93	2.1	\$0.47	N/A	N/A
GC	16.3	\$12.48	52.8	\$1.72	1.7	\$0.42	N/A	N/A
LC	16.3	\$12.48	52.8	\$1.72	2.5	\$0.62	N/A	N/A
TC	16.3	\$12.48	17.6	\$0.57	3.0	\$0.75	N/A	N/A

VINEYARD FINANCING PLAN DEVELOPMENT FEES ARE CALCULATED USING THE FOLLOWING EQUATION :

I. RESIDENTIAL:

$$\text{VINEYARD FEE} = \text{Acreage} \times \text{Due Factor} \times \text{Program Fee}$$

$$\text{PLUS VINEYARD PROGRAM ADMINISTRATION FEE} = \text{TOTAL VINEYARD FEES} \times 4\%$$

Acreage = Gross Acreage proposed for development including rights - of - way , unless right - of - way is 84 feet or greater.

II. COMMERCIAL:

$$\text{VINEYARD FEE} = \text{SQ. FT.} \times \text{Program Fee}$$

$$\text{PLUS VINEYARD PROGRAM ADMINISTRATION FEE} = \text{TOTAL VINEYARD FEES} \times 4\%$$