

DRAFT MEMORANDUM

Date: July 20, 2005

To: Celia McAdam, South Placer Regional Transportation Agency
Rick Dondro, Placer County
Tom Brinkman, Placer County
Carl Walker, City of Lincoln
Larry Wing, City of Rocklin
Rob Jensen, City of Roseville
Bill Moore, City of Roseville

From: Alan Telford & Brad Lane, Fehr & Peers

Subject: *SPRTA Traffic Fees for Tier 2 Capital Improvements Distributed Amongst the Six New Districts*

RS05 - 2086

This draft memorandum presents the updated SPRTA traffic impact fees for the six candidate projects identified at the May 10, 2005 TAC Meeting. This round of analysis includes six new SPRTA fee districts. The new fee districts are the following:

1. Placer Vineyards
2. Curry Creek
3. Roseville MOU
4. De La Salle
5. Placer Ranch
6. Lincoln Villages

Figure 1 shows the locations of the new districts.

Per the discussion at the July 12, 2005 TAC Meeting, the costs of the candidate projects are distributed only amongst these new districts.

The estimation of the traffic fees is based on land use projections developed by the participating agencies. The South Placer Travel Demand Forecasting (TDF) Model was used to develop 2020 traffic forecasts. We used the version of the South Placer model that was updated by Fehr & Peers in October 2004 for the last round of SPRTA fee analysis (report submitted on November 3, 2004). Placer Vineyards was included in the last round of analysis, although it was not separated out as its own district (it was included as part of the Dry Creek district), and the land use projections for this development were considerably lower for the previous analysis. The October 2004 version of the model was then updated to include the other five new development areas.

The Candidate Projects proposed by the SPRTA TAC are additional roadway improvements to accommodate growth in South Placer County. The Candidate Projects and resulting SPRTA fees are presented below.

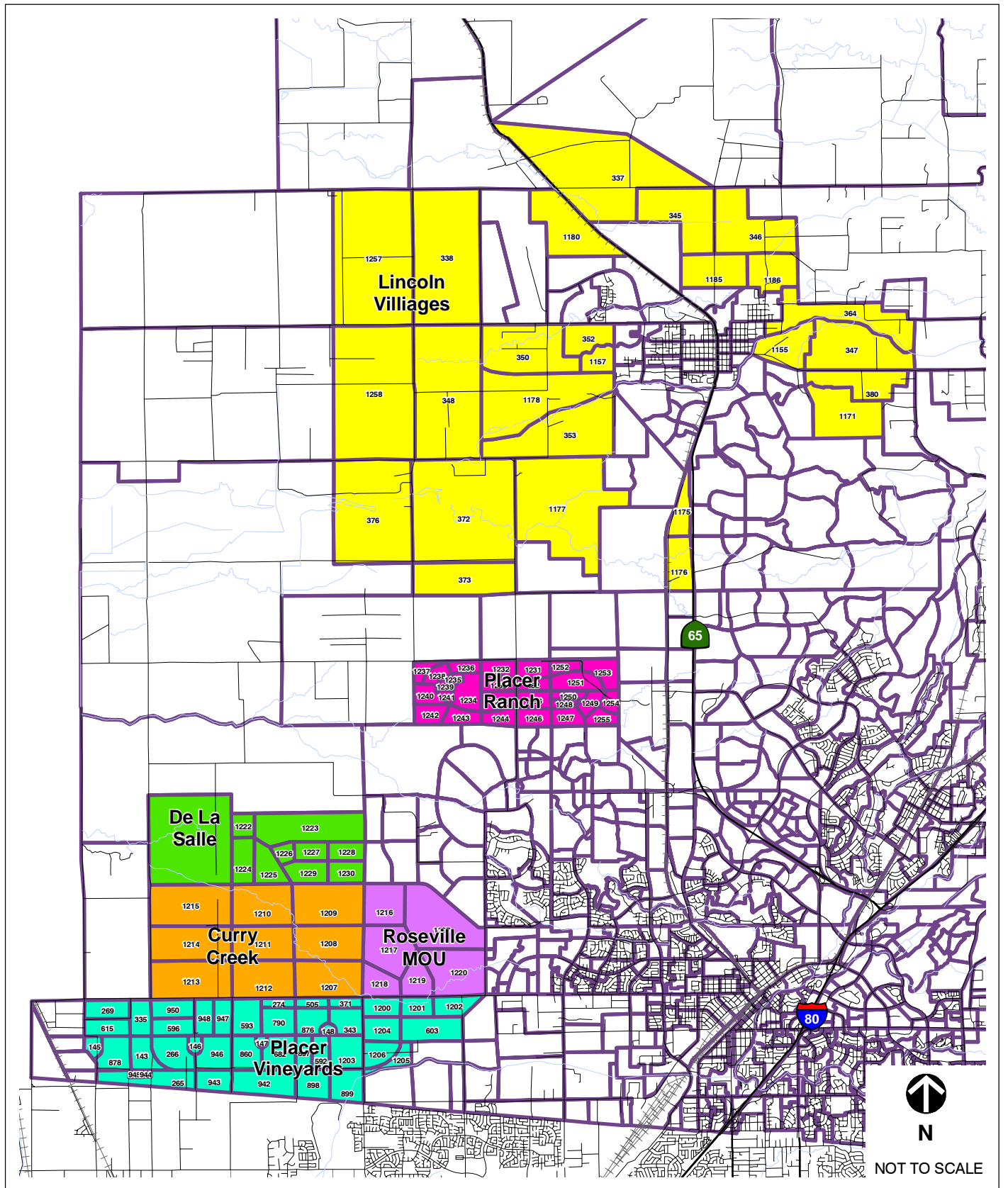


TABLE 1
CANDIDATE PROJECTS AND COST ESTIMATES

Project	Location	Description	Cost Estimate
I-80 HOV lanes	County line to just east of SR-65	Capacity & operational improvements, HOV lanes	\$101,000,000
SR-65 Lincoln Bypass	North of Industrial Boulevard to SR-65	New 4 lane facility	\$123,000,000
SR-65 Lincoln Bypass Shortfall	North of Industrial Boulevard to SR-65	New 4 lane facility	\$42,000,000
SR-65 HOV lanes	I-80 to Lincoln Bypass	Add HOV lanes in median	\$45,000,000
SR-65/I-80	Interchange between freeways	Reconfigure to accommodate I-80/SR-65 Widening	\$100,000,000
Placer Parkway	SR-65 to SR-70/99	New 4 lane facility	\$500,000,000
Total Project Costs			\$911,000,000

Notes:

Preliminary cost estimates provided by SPRTA TAC.

CANDIDATE PROJECTS

Table 1 summarizes the Candidate Projects proposed by the SPRTA TAC and the cost estimate for each improvement. Cost estimates were provided by the jurisdiction in which the improvements will occur. As shown in Table 1, the total cost estimate for the proposed roadway improvements is \$911,000,000.

LAND USE GROWTH ESTIMATES

The South Placer traffic model was used to determine the projected land use growth within each fee district. The South Placer model estimates the amount of land use under base (2001) and future (2020) year conditions. The amount of land use was converted to the total number of dwelling unit equivalents (DUEs) under base and future year conditions based on trip rates used in the South Placer model and trip characteristics for various land uses (e.g., trip length and percentage of new trips). The difference between the future land use forecasts and base year land use estimates was used to determine the expected growth within each fee district. Table 2 summarizes the number of new DUEs by fee district.

TRAFFIC IMPACT FEES

The methodology used to determine the SPRTA traffic fees for the Candidate Projects is summarized below.

- The 2020 South Placer Travel Demand Model was updated to include the Candidate Projects shown in Table 1.
- The 2020 South Placer model was used to conduct a PM peak hour select link analysis to determine the number of trips from the fee districts using each roadway improvement (e.g. the number of vehicles traveling from Lincoln to Roseville using the SR-65 HOV lanes). Figure 2 displays the roadway segments used in the select link analysis.
- The select link analysis was used to develop a trip matrix to track PM peak hour trips between the fee districts for each roadway improvement. The trip matrices are included in Attachment A.
- The total number of PM peak hour trips generated by each district was used to calculate the percentage growth of each district.
- The percentage growth was used to estimate the number of trips using the roadway network in 2020 generated by new growth (i.e., new trips).
- The percentage of “new” trips using each roadway improvement was used to allocate the cost share.
- The total cost share and the growth in DUEs was used to determine the fee per DUE for each of the Candidate Projects.

Table 3 summarizes the total cost for each fee district and the total fee per DUE for each district. Attachment B contains tables summarizing the cost share distribution and resulting fee per DUE for each Candidate Project.

TABLE 2
PROJECTED GROWTH FOR SPRTA FEE DISTRICTS

District	DUE Growth	% Share
Dry Creek	4,055	1.3%
Granite Bay	3,557	1.2%
Lincoln	21,857	7.1%
Newcastle/Horseshoe Bar	4,279	1.4%
Placer Central	2,615	0.8%
Placer West	1,651	0.5%
Rocklin Total	17,112	5.5%
<i>Mission Hills/Clover Valley</i>	765	4.5%
<i>Old Town/Southeast</i>	4,056	23.7%
<i>Stanford Ranch/Sunset Whitney</i>	1,220	7.1%
<i>Sunset West/Stanford Ranch Phase 4</i>	11,071	64.7%
Roseville Total	62,106	20.1%
<i>Del Webb</i>	1,297	2.1%
<i>Highland Reserve North</i>	3,079	5.0%
<i>Infill</i>	13,861	22.3%
<i>North Central</i>	11,401	18.4%
<i>North Industrial</i>	5,391	8.7%
<i>North Roseville</i>	1,992	3.2%
<i>Northeast</i>	6,588	10.6%
<i>Northwest</i>	4,566	7.4%
<i>Southeast</i>	1,329	2.1%
<i>Stoneridge</i>	3,516	5.7%
<i>WRSP</i>	9,086	14.6%
Sunset	5,670	1.8%
Placer Vineyards	29,540	9.6%
Curry Creek	18,827	6.1%
Roseville MOU	11,154	3.6%
De La Salle	5,092	1.6%
Placer Ranch	30,679	9.9%
Lincoln Villages	90,442	29.3%
TOTAL	308,636	100%

Sources: see Attachment C

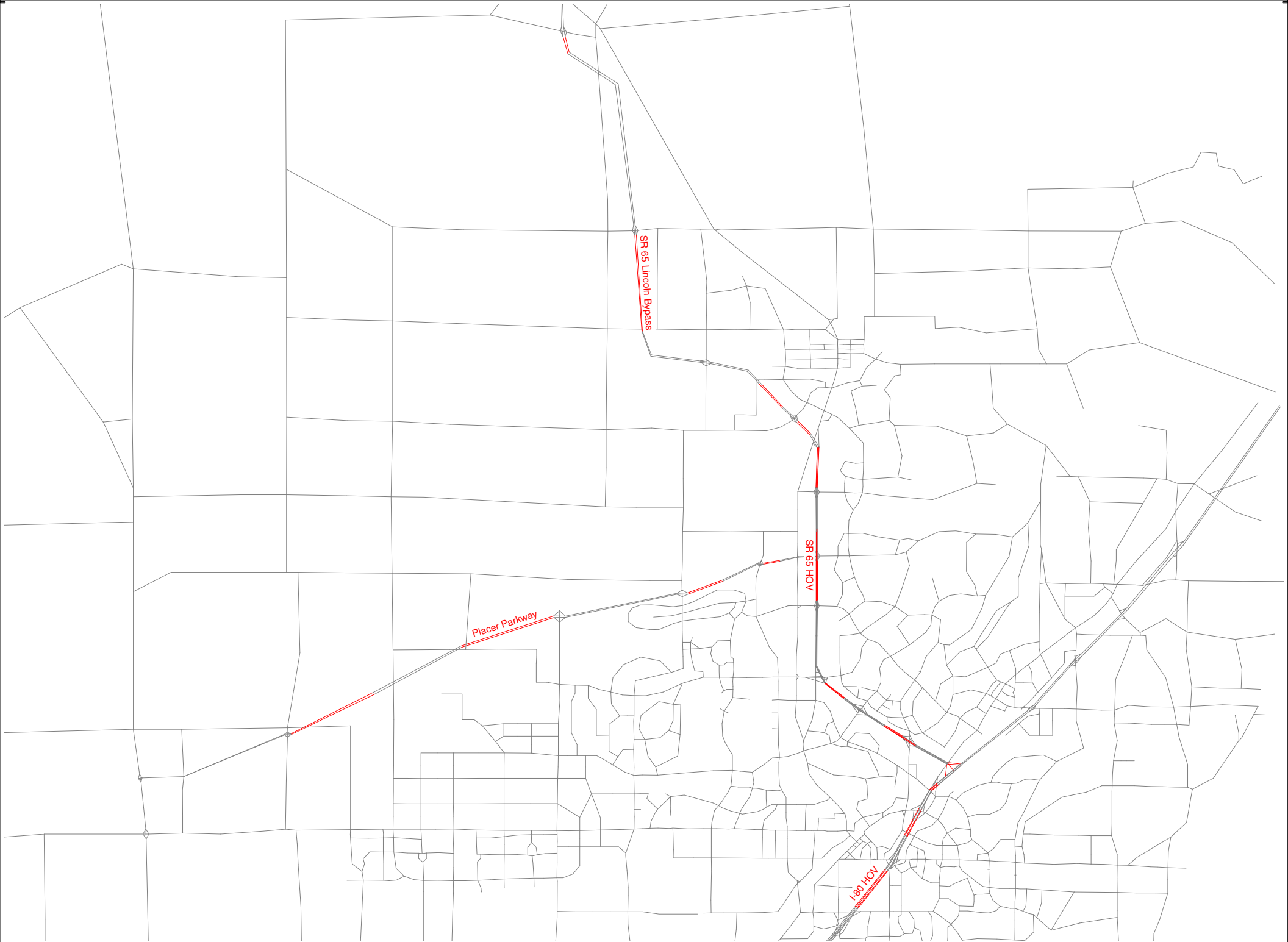


Figure 2 - Candidate Project Study Links

TABLE 3: TOTAL COST PER FEE DISTRICT

District	DUEs	I-80 HOV Lanes	SR-65 Lincoln Bypass	SR-65 Lincoln Bypass Shortfall	SR-65 HOV Lanes	SR-65/I-80 Interchange	Placer Pkwy.	Total Cost	Total Cost Per DUE
Placer Vineyards	29,540	\$6,075,408	\$946,025	\$323,033	\$955,629	\$1,987,476	\$25,839,572	\$36,127,144	\$1,223
Curry Creek	18,827	\$2,430,693	\$736,944	\$251,639	\$712,955	\$1,108,768	\$25,584,350	\$30,825,348	\$1,637
Roseville MOU	11,154	\$1,850,284	\$747,423	\$255,217	\$554,544	\$1,040,884	\$8,897,692	\$13,346,045	\$1,197
De La Salle	5,092	\$440,042	\$425,134	\$145,168	\$342,758	\$595,848	\$12,585,389	\$14,534,340	\$2,854
Placer Ranch	30,679	\$19,205,589	\$7,049,811	\$2,407,253	\$9,278,667	\$28,359,604	\$216,911,616	\$283,212,540	\$9,231
Lincoln Villages	90,442	\$70,997,984	\$113,094,663	\$38,617,690	\$33,155,447	\$66,907,419	\$210,181,381	\$532,954,583	\$5,893
Total Cost/Average Fee Per DUE	185,734	\$101,000,000	\$123,000,000	\$42,000,000	\$45,000,000	\$100,000,000	\$500,000,000	\$911,000,000	\$4,905

Figure 3: Cost Share for I-80 HOV Lanes

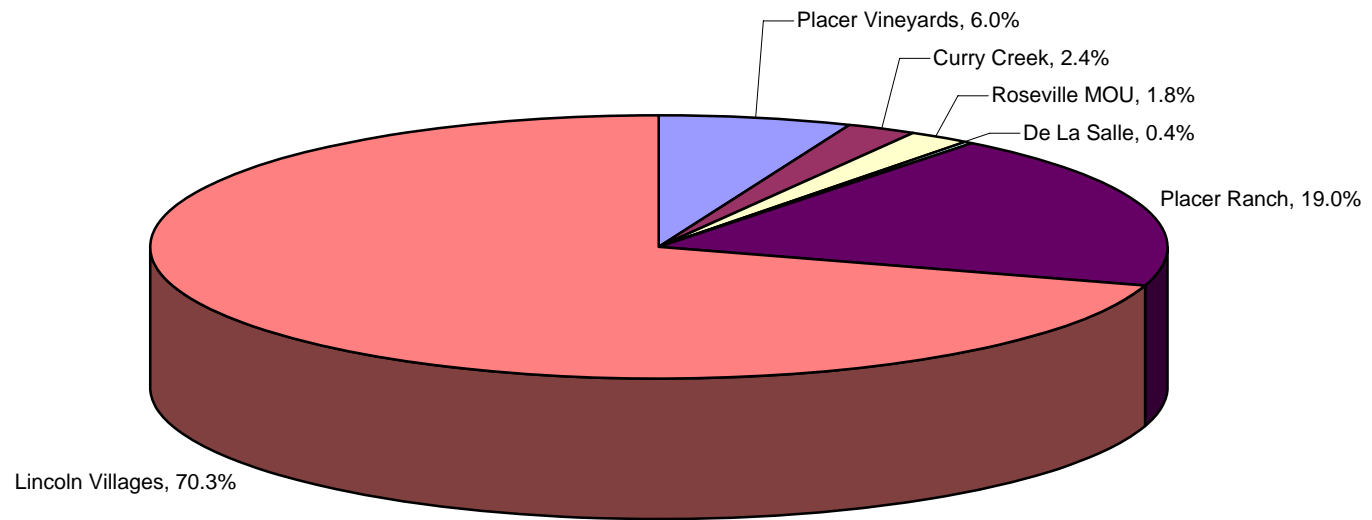


Figure 4: Cost Share for SR-65 Lincoln Bypass

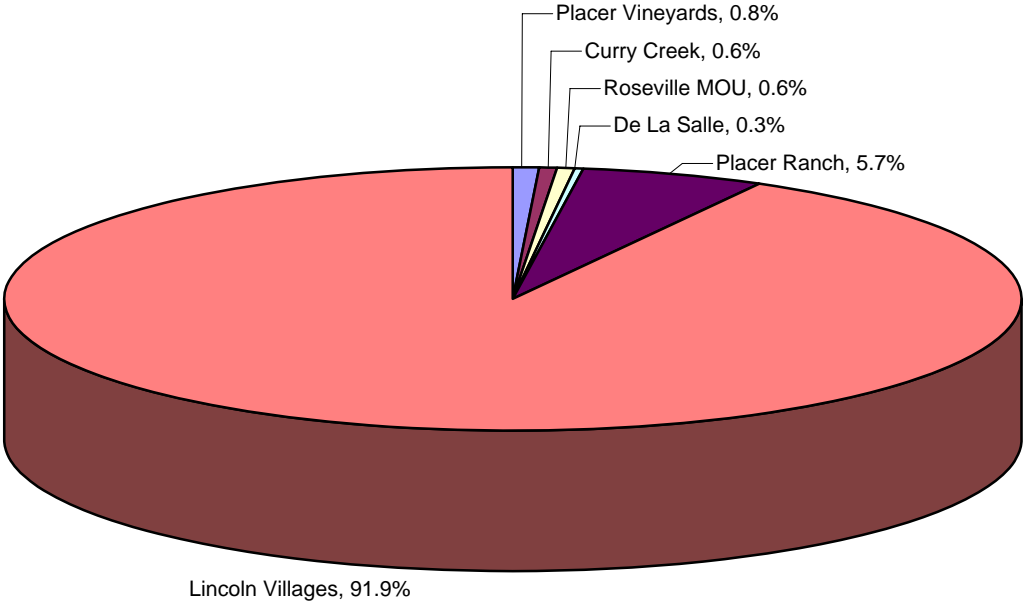


Figure 5: Cost Share for SR-65 HOV Lanes

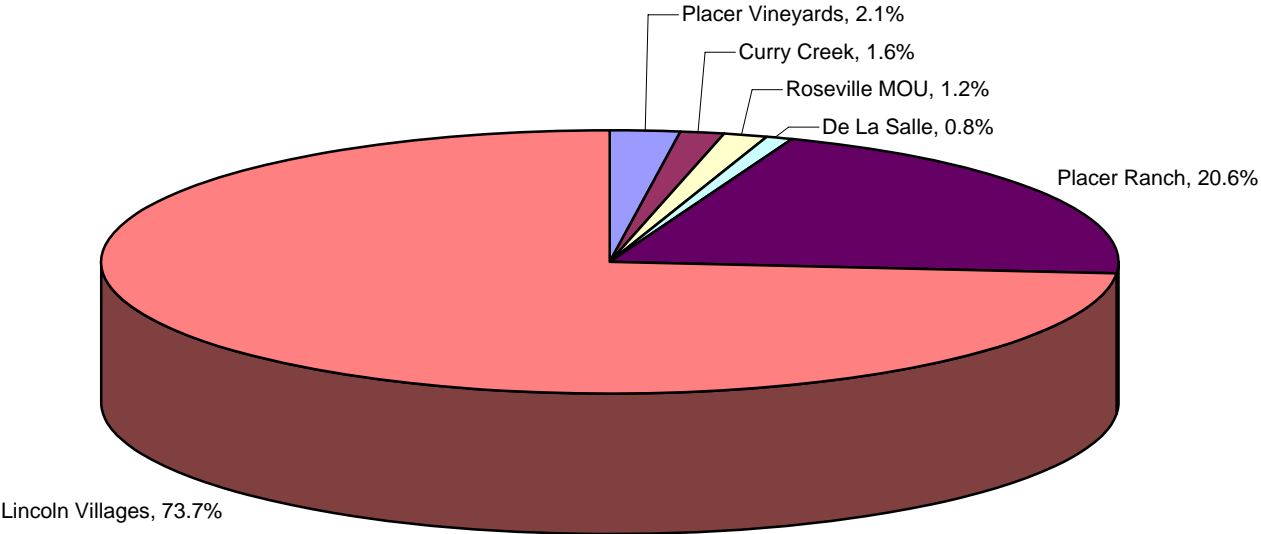


Figure 6: Cost Share for SR-65 / I-80 Interchange

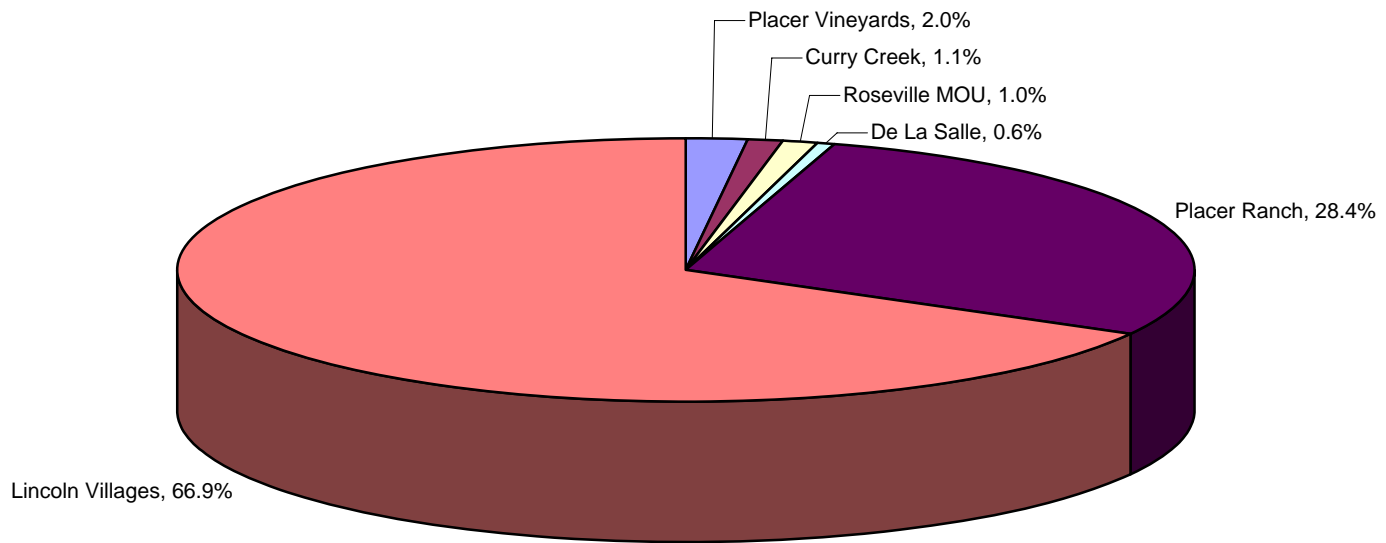


Figure 7: Cost Share for Placer Parkway

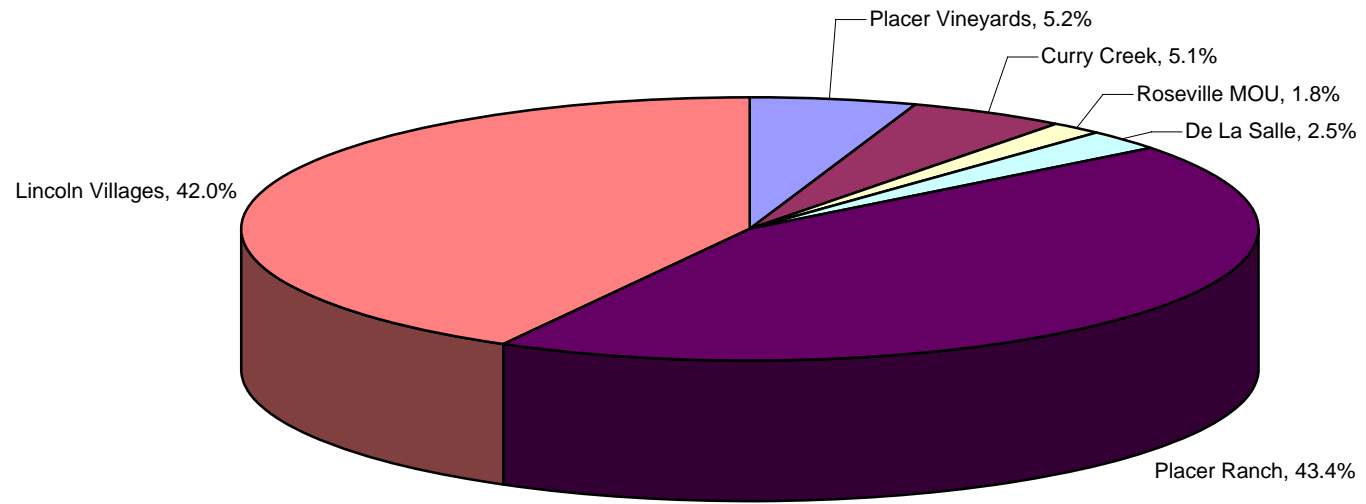
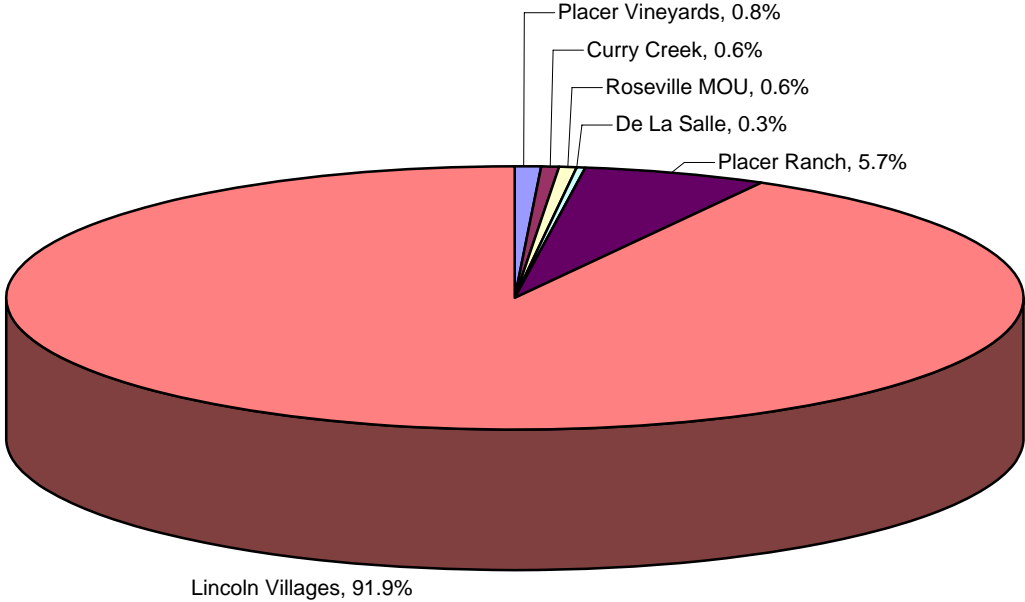


Figure 8: Cost Share for SR-65 Lincoln Bypass Shortfall



Figures 3 through 8 show the fee districts' contributions to each Candidate Project.

Table 4 compares the fees that were estimated in the last round of analysis (November 2004) to the fees for this round. Both the candidate projects and the districts that the costs are being distributed amongst have changed since the last report. The November 2004 analysis included 22 projects and distributed the fees amongst the 9 fee districts in existence at that time. The 6 new districts included in this round of analysis were carved out of the 9 districts.

SUMMARY OF FEES FOR CANDIDATE PROJECTS

The SPRTA fees presented above for the proposed Candidate Projects are based on preliminary cost estimates provided by the TAC.

Despite the changes in the projects being analyzed and the fee districts that the costs are being distributed amongst, in most cases the relative position, with respect to fees per DUE, of each fee district has remained the same. For example, the Placer Ranch fee district was created from the old Sunset district. For both the current analysis and the previous analysis, this area has the highest fees per DUE. At the opposite end of the spectrum, the Dry Creek fee district had the lowest fee per DUE previously. This time, Placer Vineyards, which was created from Dry Creek, has the second lowest fee per DUE.

The growth in DUEs for each district reflects growth between 2001 and 2020. Therefore, the actual cost per DUE may be higher than reported since fees can only be collected on development occurring between 2004/2005 and 2020. We recommend revising the SPRTA fees when the new South Placer model is complete (expected in Summer 2005). The new South Placer model will have a base year of 2004, which will provide a more accurate reflection of growth within each fee district.

TABLE 4

2004 SPRTA FEES & FEES WITH CANDIDATE PROJECTS

District	2004 Fees Per DUE	Fees for Candidate Projects Per DUE – Nov 2004	Fees for Candidate Projects Per DUE – July 2005
Dry Creek	\$411	\$1,990	na
Granite Bay	\$786	\$5,026	na
Lincoln	\$1,160	\$13,704	na
Newcastle / Horseshoe Bar	\$998	\$5,428	na
Placer Central	\$2,231	\$6,469	na
Placer West	\$1,541	\$16,532	na
Rocklin	\$1,179	\$8,491	na
Roseville	\$339	\$6,198	na
Sunset	\$1,308	\$21,038	na
Placer Vineyards	na	na	\$1,223
Curry Creek	na	na	\$1,637
Roseville MOU	na	na	\$1,197
De La Salle	na	na	\$2,854
Placer Ranch	na	na	\$9,231
Lincoln Villages	na	na	\$5,893
Total Amount Funded by SPRTA	\$133,700,000	\$1,071,665,000	\$911,000,000

Notes:
 2004 SPRTA fees were adjusted to account for inflation.

PM Peak Hour Trips Select Link Location 17 I-80 HOV Lanes

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	PM PK Hr Select Link Matrix	10 Placer Vineyards	0	0	0	0	0	164
	11 Curry Creek	0	0	0	0	0	45	45
	12 Roseville MOU	0	0	0	0	0	45	45
	13 De La Salle	0	0	0	0	0	11	11
	14 Placer Ranch	0	0	0	0	0	686	686
	15 Lincoln Villages	0	0	0	0	0	2,562	2,562
	16 Outside PC ²	108	86	54	13	344	1,283	18,883
	Total	108	86	54	13	344	1,283	22,396

2001								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	Total Assigned PM PK Hr Trips	10 Placer Vineyards	0	0	0	0	0	0
	11 Curry Creek	0	0	0	0	0	0	0
	12 Roseville MOU	0	0	0	0	0	0	0
	13 De La Salle	0	0	0	0	0	0	0
	14 Placer Ranch	0	0	0	0	0	0	0
	15 Lincoln Villages	0	0	0	0	19	206	225
	16 Outside PC ²	0	0	0	0	0	464	525,758
	Total	0	0	0	0	19	484	526,446

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	Total Assigned PM PK Hr Trips	10 Placer Vineyards	3,870	2,207	771	318	122	211
	11 Curry Creek	1,247	1,511	418	337	154	177	1,982
	12 Roseville MOU	571	541	905	133	97	106	1,845
	13 De La Salle	216	404	127	492	71	82	630
	14 Placer Ranch	348	545	310	206	3,589	1,102	9,547
	15 Lincoln Villages	514	748	382	268	773	17,747	22,800
	16 Outside PC ²	4,304	3,603	2,433	904	3,685	10,607	543,894
	Total	11,070	9,560	5,346	2,658	8,491	30,031	586,110

District	Trip Table Percent Growth 2001 to 2020	Trips Using Select Links in 2020								
		Trip Allocation			Percent Use incl Outside PC			Percent Use excl Outside PC ³		
		2020	Growth	Existing	2020	Growth	Existing	2020	Growth	Existing
10 Placer Vineyards	100.0%	326	326	0	1.3%	4.6%	0.0%	6.0%	6.0%	0.0%
11 Curry Creek	100.0%	130	130	0	0.5%	1.8%	0.0%	2.4%	2.4%	0.0%
12 Roseville MOU	100.0%	99	99	0	0.4%	1.4%	0.0%	1.8%	1.8%	0.0%
13 De La Salle	100.0%	24	24	0	0.1%	0.3%	0.0%	0.4%	0.4%	0.0%
14 Placer Ranch	100.0%	1,030	1,030	0	4.2%	14.5%	0.0%	18.9%	19.0%	0.0%
15 Lincoln Villages	99.0%	3,845	3,808	37	15.8%	53.6%	0.2%	70.5%	70.3%	100.0%
16 Outside PC ²	8.9%	18,883	1,689	17,194	77.6%	23.8%	99.8%	na	na	na
Total		24,337	7,106	17,231	100%	100%	100%	100%	100%	100%

¹Allocation to a district includes all of trips with both ends within district plus trips with one end outside Placer Co plus 1/2 trips with one end in another district.

²Loomis is included in Outside Placer Co as it does not participate in the fee program.

³Normalized to 100% w/o through-trips.

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
PM Pk Hr Select Link Matrix	10 Placer Vineyards	0	0	0	0	19	23	41
	11 Curry Creek	0	0	0	0	12	12	24
	12 Roseville MOU	0	0	0	0	14	12	26
	13 De La Salle	0	0	0	0	8	7	15
	14 Placer Ranch	0	0	0	0	153	293	446
	15 Lincoln Villages	29	33	42	20	1,046	5,126	6,449
	16 Outside PC ²	17	22	17	11	93	2,736	5,207
	Total	46	55	59	31	245	8,209	12,208

2001								
Total Assigned PM Pk Hr Trips	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	10 Placer Vineyards	0	0	0	0	0	0	0
	11 Curry Creek	0	0	0	0	0	0	0
	12 Roseville MOU	0	0	0	0	0	0	0
	13 De La Salle	0	0	0	0	0	0	0
	14 Placer Ranch	0	0	0	0	0	0	0
	15 Lincoln Villages	0	0	0	0	19	206	225
	16 Outside PC ²	0	0	0	0	464	525,756	526,220
	Total	0	0	0	0	484	525,962	526,446

2020								
Total Assigned PM Pk Hr Trips	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	10 Placer Vineyards	3,870	2,207	771	318	122	211	5,412
	11 Curry Creek	1,247	1,511	418	337	154	177	3,826
	12 Roseville MOU	571	541	905	133	97	106	2,153
	13 De La Salle	216	404	127	492	71	82	1,392
	14 Placer Ranch	348	545	310	206	3,589	1,102	6,100
	15 Lincoln Villages	514	748	382	268	773	17,747	20,632
	16 Outside PC ²	4,304	3,603	2,433	904	3,685	10,607	25,536
	Total	11,070	9,560	5,346	2,658	8,491	30,031	653,266

District	Trip Table Percent Growth 2001 to 2020	Trips Using Select Links in 2020								
		Trip Allocation			Percent Use incl Outside PC			Percent Use excl Outside PC ³		
		2020	Growth	Existing	2020	Growth	Existing	2020	Growth	Existing
10 Placer Vineyards	100.0%	72	72	0	0.6%	0.7%	0.0%	0.8%	0.8%	0.0%
11 Curry Creek	100.0%	56	56	0	0.5%	0.6%	0.0%	0.6%	0.6%	0.0%
12 Roseville MOU	100.0%	57	57	0	0.5%	0.6%	0.0%	0.6%	0.6%	0.0%
13 De La Salle	100.0%	32	32	0	0.3%	0.3%	0.0%	0.3%	0.3%	0.0%
14 Placer Ranch	100.0%	539	539	0	4.4%	5.6%	0.0%	5.7%	5.7%	0.0%
15 Lincoln Villages	99.0%	8,724	8,639	84	71.4%	89.6%	3.3%	92.0%	91.9%	100.0%
16 Outside PC ²	8.9%	2,736	245	2,491	22.4%	2.5%	96.7%	na	na	na
Total		12,217	9,641	2,576	100%	100%	100%	100%	100%	100%

¹Allocation to a district includes all of trips with both ends within district plus trips with one end outside Placer Co plus 1/2 trips with one end in another district.

²Loomis is included in Outside Placer Co as it does not participate in the fee program.

³Normalized to 100% w/o through-trips.

PM Peak Hour Trips Select Link Location 20 SR-65 HOV Lanes

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	PM PK Hr. Select Link Matrix	10 Placer Vineyards	0	0	0	0	48	95
	11 Curry Creek	0	0	0	0	30	44	73
	12 Roseville MOU	0	0	0	0	26	45	71
	13 De La Salle	0	0	0	0	17	25	42
	14 Placer Ranch	0	0	0	0	334	1,621	1,955
	15 Lincoln Villages	73	80	68	38	202	302	5,833
	16 Outside PC ²	80	103	68	46	790	3,070	8,842
	Total	153	192	136	84	992	3,826	16,506

2001								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	Total Assigned PM PK Hr. Trips	10 Placer Vineyards	0	0	0	0	0	0
	11 Curry Creek	0	0	0	0	0	0	0
	12 Roseville MOU	0	0	0	0	0	0	0
	13 De La Salle	0	0	0	0	0	0	0
	14 Placer Ranch	0	0	0	0	0	0	0
	15 Lincoln Villages	0	0	0	0	19	206	225
	16 Outside PC ²	0	0	0	0	464	525,758	526,220
	Total	0	0	0	0	484	525,962	526,446

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	Total Assigned PM PK Hr. Trips	10 Placer Vineyards	3,870	2,207	771	318	122	211
	11 Curry Creek	1,247	1,511	418	337	154	177	1,982
	12 Roseville MOU	571	541	905	133	97	106	1,845
	13 De La Salle	216	404	127	492	71	82	630
	14 Placer Ranch	348	545	310	206	3,589	1,102	9,547
	15 Lincoln Villages	514	748	382	268	773	17,747	22,800
	16 Outside PC ²	4,304	3,603	2,433	904	3,685	10,607	543,894
	Total	11,070	9,560	5,346	2,658	8,491	30,031	586,110

District	Trip Table Percent Growth 2001 to 2020	Trips Using Select Links in 2020								
		Trip Allocation			Percent Use incl Outside PC			Percent Use excl Outside PC ³		
		2020	Growth	Existing	2020	Growth	Existing	2020	Growth	Existing
10 Placer Vineyards	100.0%	276	276	0	1.3%	2.0%	0.0%	2.1%	2.1%	0.0%
11 Curry Creek	100.0%	206	206	0	0.9%	1.5%	0.0%	1.6%	1.6%	0.0%
12 Roseville MOU	100.0%	160	160	0	0.7%	1.2%	0.0%	1.2%	1.2%	0.0%
13 De La Salle	100.0%	99	99	0	0.5%	0.7%	0.0%	0.8%	0.8%	0.0%
14 Placer Ranch	100.0%	2,679	2,679	0	12.2%	19.4%	0.0%	20.5%	20.6%	0.0%
15 Lincoln Villages	99.0%	9,668	9,574	94	44.1%	69.5%	1.1%	73.9%	73.7%	100.0%
16 Outside PC ²	8.9%	8,842	791	8,051	40.3%	5.7%	98.9%	na	na	na
Total		21,930	13,785	8,145	100%	100%	100%	100%	100%	100%

¹Allocation to a district includes all of trips with both ends within district plus trips with one end outside Placer Co plus 1/2 trips with one end in another district.

²Loomis is included in Outside Placer Co as it does not participate in the fee program.

³Normalized to 100% w/o through-trips.

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	PM PK Hr Select Link Matrix	10 Placer Vineyards	0	0	0	0	0	52
	11 Curry Creek	0	0	0	0	0	20	20
	12 Roseville MOU	0	0	0	0	0	22	22
	13 De La Salle	0	0	0	0	0	12	12
	14 Placer Ranch	0	0	0	0	0	925	925
	15 Lincoln Villages	0	0	0	0	0	2,101	2,101
	16 Outside PC ²	31	35	30	18	485	1,257	7,289
	Total	31	35	30	18	485	1,257	10,422

2001								
Total Assigned PM PK Hr Trips	10 Placer Vineyards	0	0	0	0	0	0	0
	11 Curry Creek	0	0	0	0	0	0	0
	12 Roseville MOU	0	0	0	0	0	0	0
	13 De La Salle	0	0	0	0	0	0	0
	14 Placer Ranch	0	0	0	0	0	0	0
	15 Lincoln Villages	0	0	0	0	0	19	206
	16 Outside PC ²	0	0	0	0	0	464	525,756
	Total	0	0	0	0	0	484	525,962

2020								
Total Assigned PM PK Hr Trips	10 Placer Vineyards	3,870	2,207	771	318	122	211	5,412
	11 Curry Creek	1,247	1,511	418	337	154	177	1,982
	12 Roseville MOU	571	541	905	133	97	106	1,845
	13 De La Salle	216	404	127	492	71	82	630
	14 Placer Ranch	348	545	310	206	3,589	1,102	9,547
	15 Lincoln Villages	514	748	382	268	773	17,747	22,800
	16 Outside PC ²	4,304	3,603	2,433	904	3,685	10,607	543,894
	Total	11,070	9,560	5,346	2,658	8,491	30,031	586,110

District	Trip Table Percent Growth 2001 to 2020	Trips Using Select Links in 2020								
		Trip Allocation			Percent Use incl Outside PC			Percent Use excl Outside PC ³		
		2020	Growth	Existing	2020	Growth	Existing	2020	Growth	Existing
10 Placer Vineyards	100.0%	99	99	0	0.8%	1.8%	0.0%	2.0%	2.0%	0.0%
11 Curry Creek	100.0%	55	55	0	0.4%	1.0%	0.0%	1.1%	1.1%	0.0%
12 Roseville MOU	100.0%	52	52	0	0.4%	0.9%	0.0%	1.0%	1.0%	0.0%
13 De La Salle	100.0%	30	30	0	0.2%	0.5%	0.0%	0.6%	0.6%	0.0%
14 Placer Ranch	100.0%	1,410	1,410	0	11.5%	25.1%	0.0%	28.2%	28.4%	0.0%
15 Lincoln Villages	99.0%	3,359	3,326	33	27.3%	59.2%	0.5%	67.1%	66.9%	100.0%
16 Outside PC ²	8.9%	7,289	652	6,637	59.3%	11.6%	99.5%	na	na	na
Total		12,294	5,624	6,670	100%	100%	100%	100%	100%	100%

¹Allocation to a district includes all of trips with both ends within district plus trips with one end outside Placer Co plus 1/2 trips with one end in another district.

²Loomis is included in Outside Placer Co as it does not participate in the fee program.

³Normalized to 100% w/o through-trips.

2020									
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total	
	PM PK Hr Select Link Matrix	10 Placer Vineyards	0	0	0	0	35	67	88
	11 Curry Creek	0	0	0	0	16	51	74	141
	12 Roseville MOU	0	0	0	0	0	21	28	49
	13 De La Salle	0	0	0	0	2	27	51	81
	14 Placer Ranch	87	52	1	7	0	330	2,584	3,061
	15 Lincoln Villages	120	169	73	72	232	1	2,174	2,842
	16 Outside PC ²	133	221	77	110	754	862	2,397	4,574
	Total	341	442	151	189	1,039	1,380	7,396	10,939

2001									
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total	
	Total Assigned PM PK Hr Trips	10 Placer Vineyards	0	0	0	0	0	0	0
	11 Curry Creek	0	0	0	0	0	0	0	0
	12 Roseville MOU	0	0	0	0	0	0	0	0
	13 De La Salle	0	0	0	0	0	0	0	0
	14 Placer Ranch	0	0	0	0	0	0	0	0
	15 Lincoln Villages	0	0	0	0	19	206	225	225
	16 Outside PC ²	0	0	0	0	0	464	525,758	526,220
	Total	0	0	0	0	484	525,962	526,446	526,446

2020									
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total	
	Total Assigned PM PK Hr Trips	10 Placer Vineyards	3,870	2,207	771	318	122	211	5,412
	11 Curry Creek	1,247	1,511	418	337	154	177	1,982	5,826
	12 Roseville MOU	571	541	905	133	97	106	1,845	4,198
	13 De La Salle	216	404	127	492	71	82	630	2,021
	14 Placer Ranch	348	545	310	206	3,589	1,102	9,547	15,647
	15 Lincoln Villages	514	748	382	268	773	17,747	22,800	43,232
	16 Outside PC ²	4,304	3,603	2,433	904	3,685	10,607	543,894	569,430
	Total	11,070	9,560	5,346	2,658	8,491	30,031	586,110	653,266

District	Trip Table Percent Growth 2001 to 2020	Trips Using Select Links in 2020								
		Trip Allocation			Percent Use incl Outside PC			Percent Use excl Outside PC ¹		
		2020	Growth	Existing	2020	Growth	Existing	2020	Growth	Existing
10 Placer Vineyards	100.0%	443	443	0	4.0%	5.0%	0.0%	5.1%	5.2%	0.0%
11 Curry Creek	100.0%	439	439	0	4.0%	5.0%	0.0%	5.1%	5.1%	0.0%
12 Roseville MOU	100.0%	153	153	0	1.4%	1.7%	0.0%	1.8%	1.8%	0.0%
13 De La Salle	100.0%	216	216	0	2.0%	2.5%	0.0%	2.5%	2.5%	0.0%
14 Placer Ranch	100.0%	3,719	3,719	0	33.8%	42.3%	0.0%	43.2%	43.4%	0.0%
15 Lincoln Villages	99.0%	3,639	3,604	35	33.1%	41.0%	1.6%	42.3%	42.0%	100.0%
16 Outside PC ²	8.9%	2,397	214	2,183	21.8%	2.4%	98.4%	na	na	na
Total		11,006	8,787	2,218	100%	100%	100%	100%	100%	100%

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³Normalized to 100% w/o through-trips.

PM Peak Hour Trips Select Link Location 24 Lincoln Bypass Shortfall

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	PM Pk Hr Select Link Matrix	10 Placer Vineyards	0	0	0	0	19	23
	11 Curry Creek	0	0	0	0	12	12	24
	12 Roseville MOU	0	0	0	0	14	12	26
	13 De La Salle	0	0	0	0	8	7	15
	14 Placer Ranch	0	0	0	0	153	293	446
	15 Lincoln Villages	29	33	42	20	1,046	5,126	6,449
	16 Outside PC ²	17	22	17	11	93	2,736	5,207
	Total	46	55	59	31	245	8,209	12,208

2001								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	Total Assigned PM Pk Hr Trips	10 Placer Vineyards	0	0	0	0	0	0
	11 Curry Creek	0	0	0	0	0	0	0
	12 Roseville MOU	0	0	0	0	0	0	0
	13 De La Salle	0	0	0	0	0	0	0
	14 Placer Ranch	0	0	0	0	0	0	0
	15 Lincoln Villages	0	0	0	0	19	206	225
	16 Outside PC ²	0	0	0	0	464	525,756	526,220
	Total	0	0	0	0	484	525,962	526,446

2020								
Origins	10 Placer Vineyards	11 Curry Creek	12 Roseville MOU	13 De La Salle	14 Placer Ranch	15 Lincoln Villages	16 Outside PC ²	Total
	Total Assigned PM Pk Hr Trips	10 Placer Vineyards	3,870	2,207	771	318	122	211
	11 Curry Creek	1,247	1,511	418	337	154	177	1,982
	12 Roseville MOU	571	541	905	133	97	106	1,845
	13 De La Salle	216	404	127	492	71	82	630
	14 Placer Ranch	348	545	310	206	3,589	1,102	9,547
	15 Lincoln Villages	514	748	382	268	773	17,747	22,800
	16 Outside PC ²	4,304	3,603	2,433	904	3,685	10,607	543,894
	Total	11,070	9,560	5,346	2,658	8,491	30,031	586,110

District	Trip Table Percent Growth 2001 to 2020	Trips Using Select Links in 2020								
		Trip Allocation			Percent Use incl Outside PC			Percent Use excl Outside PC ³		
		2020	Growth	Existing	2020	Growth	Existing	2020	Growth	Existing
10 Placer Vineyards	100.0%	72	72	0	0.6%	0.7%	0.0%	0.8%	0.8%	0.0%
11 Curry Creek	100.0%	56	56	0	0.5%	0.6%	0.0%	0.6%	0.6%	0.0%
12 Roseville MOU	100.0%	57	57	0	0.5%	0.6%	0.0%	0.6%	0.6%	0.0%
13 De La Salle	100.0%	32	32	0	0.3%	0.3%	0.0%	0.3%	0.3%	0.0%
14 Placer Ranch	100.0%	539	539	0	4.4%	5.6%	0.0%	5.7%	5.7%	0.0%
15 Lincoln Villages	99.0%	8,724	8,639	84	71.4%	89.6%	3.3%	92.0%	91.9%	100.0%
16 Outside PC ²	8.9%	2,736	245	2,491	22.4%	2.5%	96.7%	na	na	na
Total		12,217	9,641	2,576	100%	100%	100%	100%	100%	100%

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³Normalized to 100% w/o through-trips.

17. I-80 HOV Lanes - Cost Per DUE by Fee District				
District	Total DUEs	Percent Use	Cost Share	Cost Per DUE
Placer Vineyards	29,540	6.0%	\$6,075,408	\$206
Curry Creek	18,827	2.4%	\$2,430,693	\$129
Roseville MOU	11,154	1.8%	\$1,850,284	\$166
De La Salle	5,092	0.4%	\$440,042	\$86
Placer Ranch	30,679	19.0%	\$19,205,589	\$626
Lincoln Villages	90,442	70.3%	\$70,997,984	\$785
Total/Average Cost Per DUE	185,734	100.0%	\$101,000,000	\$544

19. SR-65 Lincoln Bypass - Cost Per DUE by Fee District				
District	Total DUEs	Percent Use	Cost Share	Cost Per DUE
Placer Vineyards	29,540	0.8%	\$946,025	\$32
Curry Creek	18,827	0.6%	\$736,944	\$39
Roseville MOU	11,154	0.6%	\$747,423	\$67
De La Salle	5,092	0.3%	\$425,134	\$83
Placer Ranch	30,679	5.7%	\$7,049,811	\$230
Lincoln Villages	90,442	91.9%	\$113,094,663	\$1,250
Total/Average Cost Per DUE	185,734	100.0%	\$123,000,000	\$662

20. SR-65 HOV Lanes - Cost Per DUE by Fee District				
District	Total DUEs	Percent Use	Cost Share	Cost Per DUE
Placer Vineyards	29,540	2.1%	\$955,629	\$32
Curry Creek	18,827	1.6%	\$712,955	\$38
Roseville MOU	11,154	1.2%	\$554,544	\$50
De La Salle	5,092	0.8%	\$342,758	\$67
Placer Ranch	30,679	20.6%	\$9,278,667	\$302
Lincoln Villages	90,442	73.7%	\$33,155,447	\$367
Total/Average Cost Per DUE	185,734	100.0%	\$45,000,000	\$242

21. SR-65 / I-80 Interchange - Cost Per DUE by Fee District				
District	Total DUEs	Percent Use	Cost Share	Cost Per DUE
Placer Vineyards	29,540	2.0%	\$1,987,476	\$67
Curry Creek	18,827	1.1%	\$1,108,768	\$59
Roseville MOU	11,154	1.0%	\$1,040,884	\$93
De La Salle	5,092	0.6%	\$595,848	\$117
Placer Ranch	30,679	28.4%	\$28,359,604	\$924
Lincoln Villages	90,442	66.9%	\$66,907,419	\$740
Total/Average Cost Per DUE	185,734	100.0%	\$100,000,000	\$538

22. Placer Parkway - Cost Per DUE by Fee District				
District	Total DUEs	Percent Use	Cost Share	Cost Per DUE
Placer Vineyards	29,540	5.2%	\$25,839,572	\$875
Curry Creek	18,827	5.1%	\$25,584,350	\$1,359
Roseville MOU	11,154	1.8%	\$8,897,692	\$798
De La Salle	5,092	2.5%	\$12,585,389	\$2,472
Placer Ranch	30,679	43.4%	\$216,911,616	\$7,070
Lincoln Villages	90,442	42.0%	\$210,181,381	\$2,324
Total/Average Cost Per DUE	185,734	100.0%	\$500,000,000	\$2,692

24. SR-65 Lincoln Bypass Shortfall - Cost Per DUE by Fee District				
District	Total DUEs	Percent Use	Cost Share	Cost Per DUE
Placer Vineyards	29,540	0.8%	\$323,033	\$11
Curry Creek	18,827	0.6%	\$251,639	\$13
Roseville MOU	11,154	0.6%	\$255,217	\$23
De La Salle	5,092	0.3%	\$145,168	\$29
Placer Ranch	30,679	5.7%	\$2,407,253	\$78
Lincoln Villages	90,442	91.9%	\$38,617,690	\$427
Total/Average Cost Per DUE	185,734	100.0%	\$42,000,000	\$226



MEMORANDUM

Date: May 18, 2005

To: Celia McAdam, Placer County Transportation Planning Agency
Rick Dondro, Placer County
Tom Brinkman, Placer County
Carl Walker, City of Lincoln
Larry Wing, City of Rocklin
Rob Jensen, City of Roseville

From: Alan Telford & Brad Lane – Fehr & Peers

Subject: Revised land use data for SPRTA analysis

RS05 - 2086

Attached is a revised land use data table. The edits were based on feedback received at the May 10 meeting, as well as comments and additional information provided by Tom Brinkman and Carl Walker.

Please review and let us know if the revised data meets with your approval.

Table 1: Revised Land Use Data for SPRTA Analysis

Future Development	HOUSEHOLDS (HH)				EMPLOYEES					STUDENTS		
	Single Family	Multi Family	Retirement Community	Total HH	Retail Employees	Retail ksf ¹	Non Retail Employees	Non Retail ksf ¹	Total Employees	K-12	College	Total Students
Placer Ranch	2,543	3,231	0	5,774	2,636	1,318	19,500	11,700	22,136	1,800	25,000	26,800
De La Salle	2,853	1,080	75	4,008	900	450	564	338	1,464	1,800	6,000	7,800
Placer Vineyards	10,732	2,200	1,200	14,132	3,600	1,800	11,800	7,080	15,400	7,028	0	7,028
Curry Creek	14,742	1,458	0	16,200	1,300	650	1,950	1,170	3,250	0	0	0
Roseville MOU	6,965	1,080	0	8,045	1,400	700	2,200	1,320	3,600	900	0	900
Lincoln Villages	24,044	4,940	0	28,984	11,460	5,730	45,840	27,504	57,300	14,202	0	14,202
TOTAL	61,879	13,989	1,275	77,143	21,296	10,648	81,854	49,112	103,150	25,730	31,000	56,730
<p>SOURCES: Placer Ranch - Placer Ranch Specific Plan Land Uses, <i>Economic & Planning System (EPS)</i>, 2004. Further modifications received from Tom Brinkman, Placer County, on May 11, 2005 De La Salle - De La Salle University Campus and Community Revised Land Use Plan, February 14, 2005. Further modifications received from Tom Brinkman, Placer County, on May 11, 2005 Placer Vineyards - Placer Vineyards Preliminary Land Use Plan, <i>EDAW</i>, February 10, 2005. Further modifications received from Tom Brinkman, Placer County, on May 11, 2005 Curry Creek - Curry Creek Community Plan, <i>Placer County Planning Department</i>, November 19, 2004. Further modifications received from Tom Brinkman, Placer County, on May 11, 2005 Roseville MOU - West Roseville SOI Concept Land Use Plan, <i>EDAW</i>, January 25, 2005 Lincoln Villages - Lincoln General Plan Update, March 4, 2005 Transportation Constraint Analysis for the Circulation Element of the Lincoln General Plan, September 13, 2004</p>												
<p>FOOTNOTES: 1. Assumes 500 square feet per retail employee, and 600 square feet per non retail employee, page 2 of the Transportation Constraint Analysis for the Circulation Element of the Lincoln General Plan, September 13, 2004</p>												