CHAPTER VI - TRANSPORTATION FEE CALCULATION AND JUSTIFICATION

TABLE 30				
E	DU EQUIVALENTS	PM Peak		EDUs
Land Use	Descriptor	Hour Trip Rate	Pass-by Reduction	(per descriptor unit)
AIRPORT	Eli-ha	7.00		7.00
Commercial COMMERCIAL-RETAIL	Flight	7.00	0%	7.00
Automobile Services:				
Car Dealer	1,000 Sq. Ft.	4.00	10%	3.60
Car Wash (Full Service) Car Wash (Self Service)	Site	81.00	50% 50%	40.50
Car Wash (Self Service) Gasoline Station (with food mart)	Wash Stall Fueling Station	8.00 12.00	50% 80%	4.00 2.40
Gasoline Station (with food mart &	r dening button	12.00	0070	2.40
fully automated car wash)	Fueling Station	14.00	80%	2.80
Parts Sale	1,000 Sq. Ft.	6.20	10%	5.58
Repair Shop Tire Store	1,000 Sq. Ft. 1,000 Sq. Ft.	2.20	10%	1.98
Convenience Market Chain:	1,000 34. 14.	2.15	870	2.33
Open uo to 16 Hours per day	1,000 Sq. Ft.	40.00	50%	20.00
Open 24 hours	1,000 Sq. Ft.	49.00	50%	24.50
Discount Store/Discount Club	1,000 Sq. Ft.	7.00	30% 56%	4.90
Drugstore Furniture Store	1,000 Sq. Ft. 1,000 Sq. Ft.	0.54	56% 10%	0.49
Lomber/Home Improvement Store	1,000 Sq. Ft.	2.70	10%	2.43
Nursery	1,000 Sq. Ft.	4.00	10%	3.60
Restaurant:				
Quality High Turnovar (cit down)	1,000 Sq. Ft.	8.00	10%	7.20
High Turnover (sit-down) Fast Food (with drive-through)	1,000 Sq. Ft. 1,000 Sq. Ft.	10.40 43.30	20% 40%	8.32
Fast Food (with universitionagh)	1,000 Sq. Ft.	39.23	40%	15.69
Shopping Center:				
Shopping Center (0-50,000 Sq. Ft.)	1,000 Sq. Ft.	7.95	65%	2.78
Shopping Center (50,000 - 100,000 Sq. Ft.) Shopping Center (100,000 - 200,000 Sq. Ft.)	1,000 Sq. Ft. 1,000 Sq. Ft.	6.28 4.96	40% 35%	3.77 3.22
Shopping Center (100,000 - 200,000 Sq. Ft.) Shopping Center (200,000 - 500,000 Sq. Ft.)	1,000 Sq. Ft. 1,000 Sq. Ft.	4.96	35% 25%	3.22
Specialty Retail Center/Strip Commercial	1,000 Sq. Ft.	3.60	10%	3.24
Supermarket	1,000 Sq. Ft.	15.00	40%	9.00
EDUCATION				
University (4 years or higher)	Acre 1,000 Sq. Ft.	9.00 1.44	0%	9.00 1.44
Community College (2 years) Hight School	1,000 Sq. Ft. 1,000 Sq. Ft.	1.44	0%	1.44
Junior High/Middle School	1,000 Sq. Ft.	0.84	0%	0.84
Elementary School	1,000 Sq. Ft.	7.41	0%	7.41
Day Care Center	1,000 Sq. Ft.	14.40	0%	14.40
FINANCIAL INSTITUTION (Bank or Credit Union)	1000 8- 15	12.00	25%	9.00
Excluding Drive-through With drive-through	1,000 Sq. Ft. 1,000 Sq. Ft.	20.00	25%	15.00
Drive-through only	Lane	32.50	25%	24.38
HOSPITAL				
Convalescent/nursing General	Bed	0.21 2.00	0%	0.21 2.00
HOUSE OF WORSHIP	1,000 Sq. Ft.	2.00	0%	2.00
General	1,000 Sq. Ft.	1.20	40%	0.72
Without School or Day Care	1,000 Sq. Ft.	0.40	0%	0.40
INDUSTRIAL				
Light Industrial (Industrial Park w/o Commercial) Industrial/Business Park	1,000 Sq. Ft. 1,000 Sq. Ft.	0.96	0%	0.96
Small Industrial Park	1,000 Sq. Ft.	1.92	0%	1.92
Large Industrial Park	1,000 Sq. Ft.	0.96	0%	0.96
Manufacturing/Assembly	1,000 Sq. Ft.	0.80	0%	0.80
Rental Storage	1,000 Sq. Ft.	0.18	0%	0.18
Scientific Research Development Truck Terminal	1,000 Sq. Ft. 1,000 Sq. Ft.	1.12	0%	1.12 0.80
Warehousing	1,000 Sq. Ft.	0.80	0%	0.80
LIBRARY	1,000 Sq. Ft.	5.00	0%	5.00
LODGING				
Hotel (w/convention facilities/restaurant)	Room	0.80	0% 0%	0.80
Motel	Room	0.81	0% 0%	0.81
Resort Hotel		0 44		00
	Room	0.56		
OFFICE	1,000 Sq. Ft.	2.60	0%	2.60
DFFICE General Office Commercial Office	1,000 Sq. Ft. 1,000 Sq. Ft.	2.60 1.45	0% 0%	1.45
DFFICE General Office Commercial Office Corporate Headquarters/Single Tenant Office	1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft.	2.60 1.45 1.50	0% 0%	1.45 1.50
FFICE Jeneral Office Commercial Office Corporate Headquarters/Single Tenant Office Department of Motor Vehicles	1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft.	2.60 1.45	0% 0%	1.45
DFFICE ieneral Office commercial Office Commercial Office Comported Headquarters/Single Tenant Office Department of Motor Vehicles Sovernment Officie	1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft. 1,000 Sq. Ft.	2.60 1.45 1.50 19.80	0% 0% 90%	1.45 1.50 1.98
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DFFICE Simeral Office Commercial Office Commercial Office Department of Motor Vehicles Dovernment Officie Motical Office Moti Office: Moti Office: Sommerry (vehicles in only) Community (vehicles in only)	1,000 Sq. Ft. 1,000 Sq. Ft.	2.60 1.45 1.50 19.80 3.60 5.00 6.30 18.00	0% 0% 90% 0% 0% 16%	1.45 1.50 1.98 3.60 5.00 5.29 15.12
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DFFICE Simeral Office Simeral Office Commercial Office Corporate Headquarters/Single Tenant Office Popartment of Moten Vehicles Jorenment Officie Medical Office Medical Office Medical Office Simthwhich (central walk-in only) Community (without mail drop lane) Community (without mail drop lane) Community (without mail drop lane) Bowling Center Sidt Contre Merina	1.000 Sq. Ft. 1.000	2.60 1.45 1.50 19.80 3.60 5.00 (6.30 18.00 27.00 27.00 3.00 3.60 0.28	0% 0% 90% 0% 0% 16% 16% 16% 0% 0%	1.45 1.50 1.98 3.60 5.00 5.29 15.12 22.68 3.00 3.60 0.28
SFFICE Somercial Office Sommercial Office Sommercial Office Sommercial Office Sommercial Office Somerniane Office Somern	1,000 Sq. Ft. 1,000	2.60 1.45 1.50 19.80 3.60 5.00 (6.30 18.00 27.00 (3.00 3.60	0% 0% 0% 90% 0% 16% 16% 16% 16% 0%	1.45 1.50 1.98 3.60 5.00 5.29 15.12 22.68 3.00 3.60
DFFICE Simeral Office Simeral Office Corporate HeadquartersSingle Tenant Office Popartment of Motor Vehicles Orennant Officie Medical Office Medical Office Mot Office Sistribution (central walk-in only) Community (without mail drop lane) Community Com	1.000 Sq. Ft. 1.000	2.60 1.45 1.50 19.80 3.60 5.00 (6.30 18.00 27.00 27.00 3.00 3.60 0.28	0% 0% 90% 0% 0% 16% 16% 16% 0% 0%	1.45 1.50 1.98 3.60 5.00 5.29 15.12 22.68 3.00 3.60 0.28
FFTCE Somercial Office Somercial Office Somercial Office Somercial Office Somercial Office Hodayaters/Single Tenant Office Sovernment Officie Hodical Office Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice Softfice	1,000 Sq. P. 1,000 Sq. P. Lane Hole Berth 1,000 Sq. P.	2.60 1.45 1.50 19.80 3.60 6.30 18.00 27.00 3.60 0.28 6.40	0% 0% 0% 0% 0% 0% 16% 16% 16% 0% 0% 0%	1.45 1.50 1.98 3.60 5.00 5.29 15.12 22.68 3.00 3.60 0.28 6.40
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Community (with mail doep lane) RECREATION RECREATION Rowing Conter Good Conse Marina Marina Marina Marina Marina Marina Parki Developed Undeveloped Undeveloped RESUBERTIAL RESUBERTIAL RESUBERTIAL	1.000 Sq. Fr. 1.000	2.60 1.45 1.50 19.80 3.60 5.00 18.00 22.00 20.00 3.60 0.28 6.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.	0% 0% 0% 0% 0% 16% 16% 16% 0% 0% 0% 0%	1.45 1.50 1.98 3.60 5.00 5.29 15.12 22.68 3.00 0.28 6.40 0.28 6.40 0.40 3.60 0.28 0.40 0.40 3.60
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FFTCE Sommercial Office commercial Office Sommercial Office Sorporate Hoodpartners/Single Tenant Office Sortention (central walk-in only) Sommainty (without mail dop lane) Commainty (without mail dop lane) CREAEIDON Sowling Centre Joid Course Marina Mories Soughead	1.000 Sq. Fr. 1.000	2.60 2.60 1.45 1.50 19.80 5.500 6.30 27.00 27.00 0.28 6.40 0.28 6.40 0.40 0.40 0.40 0.40 0.40 0.40 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.	0% 0% 0% 0% 0% 0% 16% 16% 16% 16% 0% 0% 0% 0% 0% 0% 0% 0%	1.45 1.59 1.98 3.60 5.00 5.29 15.12 2.268 2.28 6.40 0.28 6.40 0.28 6.40 0.04 0.040 0.040 0.040 0.040 0.92 1.000 0.166

Notes: 1) PM peak hour trip generation per single family detached unit of 0.92. 2) Big Box retail uses less than 500.000 square feet. 3) Regional Commercial uses greater than 500.000 square feet. 4)Source for the Pass-by percentages is the ITE Trip Generation Hand Book

Revision Dates: 08/27/2008

Shasta County Southern Region Transportation Planning Study Page 62 and Trafic Impact Fee Program Project Final Report R848TS_Final.doc