

# Transportation

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Transportation Services is a division of the Public Works and Utilities Department. Transportation systems related budgets include the County Road Fund, Airport, Ferry Services, Public Works Construction Fund, Transportation Facilities, Equipment Rental and Revolving, and the Roads portion of the Second REET Fund.

## **Major Accomplishments in 2007**

The **Transportation Planning and Programming Division** works closely with transportation data and County citizens to identify needs and plan for change on County roads. The highlight of 2007 was the continued development of a major update of the County’s Transportation Plan which is due for completion in 2008. After conceptualizing projects, the Division develops them through the funding stage in advance of design and construction. In a typical year, the Division brings in and manages over \$10 million of grant funds for road and bridge construction. Highlights in 2007 include receipt of over \$7 million of State-administered Ferry Capital Improvement grant funds for payback of the Steilacoom II ferry construction loan and \$5 million from the State Transportation Improvement Board towards construction of the 94th Avenue E widening project. In addition, the Division developed many tools and oversaw the administration of the new Traffic Impact Fee (TIF) Program. Approximately \$6 million of TIF funds was collected in 2007. Each year, the Division also develops the Six-Year Transportation Improvement Program, the Annual Road Construction Program, and the Transportation Element of the Capital Facilities Plan.

The design, safety and overall administration of the roadway are the main responsibility of the **Road Engineering and Construction Division**. In 2007, the Division provided project management for over 40 active transportation related projects. By the end of the year, right-of-way had been secured, final contract documents prepared, and 12 projects were advertised. Also noteworthy for 2007, the American Public Works Association recognized the Division’s Utility Relocation Manual as a model practice during this year's accreditation audit.

In 2007, the **Road Maintenance Division** planned and completed 28.6 lane miles of the asphalt overlay program. Also for 2007, the American Public Works Association recognized two model practices in the Road Maintenance Division; the Pavement Management System and an innovative project management program called TimeTrax.

The **Traffic Division** is responsible for monitoring traffic, developing short-term solutions, identifying long range needs, installing and maintaining traffic control and ensuring traffic safety. In 2007, a total of 1,775 line miles were striped, more than 108,940 sign inspections were conducted and 1905 signs were fabricated. For traffic signals, approximately 1150 were inspected while 2144 were re-lamped. Also, nearly 950 traffic counts and speed studies were conducted, and more than 180 field investigations in response to citizen traffic concerns were completed. New in 2007, a sign removal program was implemented and more than 3100 private signs were removed.

The **Ferry System** provides the mainland link to Anderson and Ketron Islands. Major accomplishments in 2007 include the christening of a new ferry, the “MV Steilacoom II” in January and the implementation of a new electronic fare system in April.

<b>Section Contents</b>	
Airport Fund .....	287
County Road Fund .....	291
Equipment Rental and Revolving Fund .....	297
Ferry Services Fund .....	301
Public Works Construction Fund .....	305
Second REET Roads Fund .....	311
Traffic Impact Fee Fund .....	313
Transportation Facilities Fund .....	315

*Transportation*

**DEPARTMENT BUDGETS**

<b>Department Name</b>	<b>2007 Budget</b>	<b>2008 Budget</b>	<b>Absolute Change</b>	<b>Percent Change</b>
Airport Fund	\$ 2,457,780	\$ 955,720	\$ (1,502,060)	(61.1) %
County Road Fund	70,409,560	68,505,300	(1,904,260)	(2.7)
Equipment Rental & Revolving	18,748,500	15,324,050	(3,424,450)	(18.3)
Ferry Services Fund	3,957,020	4,006,880	49,860	1.3
Public Works Construction Fund	43,461,000	51,662,000	8,201,000	18.9
Second Reet Roads Fund	14,046,090	18,775,810	4,729,720	33.7
Traffic Impact Fee Fund	8,000,000	6,000,000	(2,000,000)	(25.0)
Transportation Facilities Fund	25,873,790	9,352,760	(16,521,030)	(63.9)
<b>Total Transportation</b>	<b>\$ 186,953,740</b>	<b>\$ 174,582,520</b>	<b>\$ (12,371,220)</b>	<b>(6.6) %</b>

# Airport Fund

## Enterprise Fund

**The mission of the Pierce County Airport (Thun Field) is to support general utility aviation operations and maximize fiscal self-supporting capabilities.**

**Departmental Summary:**

The Airport Fund provides for the operation, maintenance, and capital improvements at Pierce County Airport - Thun Field. This fund's goal is to be self-supporting through user fees and tenant charges.

The Airport is classified as General Aviation by the Federal Aviation Administration. The Airport's design level is General Utility, Stage I which supports primarily the personal and recreational needs and secondarily the business needs of aviation in southeastern Pierce County.

**Budget Highlights:**

The proposed 2008 Airport budget is considerably less than 2007, because the current year's budget includes major grant funded capital improvements. The 2008 budget includes:

- a) General operating expenses (including increasing the maintenance worker to 75%);
- b) Structural repairs, project design costs, and grant match monies; and
- c) The Airport Development Study (\$75,000).

The 2008 budget reflects the use of approximately \$174,000 in prior fund balance (operations and capital accounts).

**Performance Measure**

- 1) Operating revenues will cover all operating expenses (excluding depreciation). (Goals A, B, D, E, G, H)

<b>FUNDING SOURCES</b>						
	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Est Use of Begin Fund Balance	\$ —	\$ —	\$ 73,720	\$ 173,790	\$ 100,070	135.7 %
Taxes	285,728	293,135	210,000	215,000	5,000	2.4
Intergovernmental Revenue	49,724	578,021	1,715,580	69,200	(1,646,380)	(96.0)
Miscellaneous Revenue	391,914	427,168	458,480	497,730	39,250	8.6
Other Financing Sources	517	(1,066)	—	—	—	—
Total	\$ 727,883	\$ 1,297,258	\$ 2,457,780	\$ 955,720	\$ (1,502,060)	(61.1) %

*Airport Fund*

**EXPENDITURES**

	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Salaries & Wages	\$ 84,614	\$ 96,614	\$ 169,030	\$ 197,430	\$ 28,400	16.8 %
Personnel Benefits	28,453	33,136	60,590	70,310	9,720	16.0
Supplies	11,317	9,384	6,300	20,400	14,100	223.8
Other Services & Charges	321,289	671,005	584,015	626,020	42,005	7.2
Intergovernmental Services	3,625	3,851	4,030	4,060	30	0.7
Capital Outlays	69,665	284,895	1,633,815	37,500	(1,596,315)	(97.7)
Interest	1,991	26,213	—	—	—	—
<b>Total</b>	<b>\$ 520,954</b>	<b>\$ 1,125,098</b>	<b>\$ 2,457,780</b>	<b>\$ 955,720</b>	<b>\$ (1,502,060)</b>	<b>(61.1) %</b>

**STAFFING SUMMARY**

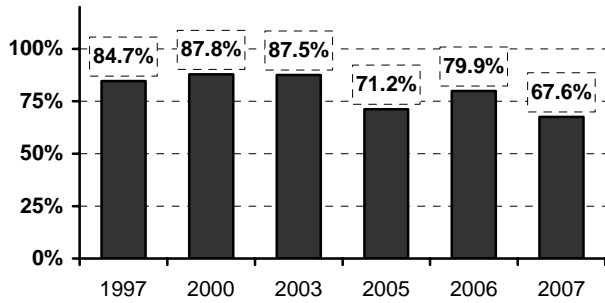
	2003 FTE	2004 FTE	2005 FTE	2006 FTE	2007 FTE	2008 FTE
Dir-Public Works & Utilities	—	—	—	0.01	0.01	0.01
Deputy PW & Utilities Dir	—	—	—	0.01	0.01	0.01
Airport Administrator	—	—	—	1.00	1.00	1.00
Facilities Maint Tech	0.60	0.60	0.60	0.60	0.60	0.75
Airport Operations Mgr	1.00	1.00	1.00	1.00	1.00	1.00
Special Asst to Dir PW&U	—	—	—	0.01	—	—
<b>Total</b>	<b>1.60</b>	<b>1.60</b>	<b>1.60</b>	<b>2.63</b>	<b>2.62</b>	<b>2.77</b>

**WORKLOAD SERVICE DATA**

	Unit of Measure	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Estimate	2008 Estimate
Tiedowns Rented	Tiedowns	48	48	48	46	46	46
Hangar Space Rented	Spaces	50	50	50	50	50	50
Take Offs & Landings	Occurrence	107,000	108,000	108,000	110,000	111,500	111,000

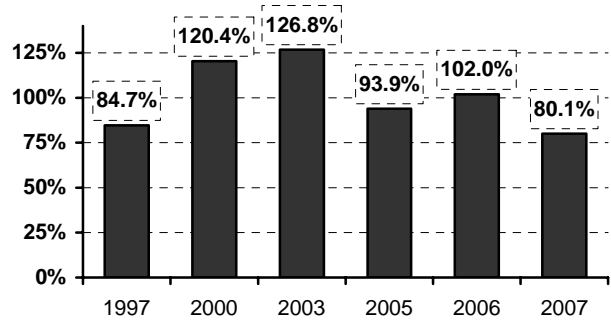
**BUDGET RATIOS**

**Extent of Self-Support**



❖ From 1997 to 2007 the extent of self-support decreased by 20%. The ten year average is 84%.

**Extent of Self-Support Excluding Depreciation**



❖ From 1997 to 2007 the extent of self-support excluding depreciation decreased by 5%. The ten year average is 110%.

*Airport Fund*

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## County Road Fund

*Special Revenue Fund*

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**The mission of Transportation Services is to provide transportation infrastructure including planning, design development, construction, contract administration, maintenance and operations, ferry and airport operations, and equipment services.**

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### **Departmental Summary:**

The Transportation Services Division of the Public Works and Utilities Department plans, improves, and maintains the transportation system. Major revenue sources of the Road Fund are dedicated property taxes and state allocated motor vehicle fuel excise taxes. The transportation system consists of 1,500 miles of roadway, 150 bridges, 89 traffic signals, 26 flashers, and a ferry operation. Drainage facilities keep the roadways free of water. Shop facilities stockpile materials and garage the 200 road maintenance vehicles necessary for keeping the roads open and safe. Projections indicate that the highway system must handle a 50% increase in vehicle miles traveled over the next 10 years to accommodate economic development in the County. The current value of the system is over \$1 billion or \$1,500 per capita.

The Transportation Services Division employs staff to plan, build and maintain a safe and efficient road network for the citizens of Pierce County. The Department is organized into two operating divisions: Engineering and Maintenance. The Engineering Division's responsibilities include planning, designing and constructing road and bridge projects, establishing standards for roadway construction, and maintaining the County Road Log. The Maintenance Division performs over 100 functions to keep the transportation system operating at its original "as built" condition and capacity.

### **Budget Highlights:**

The 2008 budget for the County Road Fund is 2.7% below 2007, and includes:

- a) \$8,000,000 allocated for capital projects, and transferred to the Public Works Construction fund (down from \$12,650,000 in 2007);
- b) The addition of 4.25 positions for on-going operations and maintenance responsibilities; and
- c) Existing maintenance and operation services, adjusted for inflation.

This proposed budget will require the use of approximately \$3.4 million in prior fund balance.

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### **Performance Measure**

- 1) Maintain 95% of the county road pavement in good or fair condition. (Goals A, G, H)
- 2) Projects will be included in the Transportation Improvement Program (TIP) to mitigate arterial segments failing concurrency. (Goals A, B, E, G, H)

*County Road Fund*

**FUNDING SOURCES**

	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Est Use of Begin Fund Balance	\$ —	\$ —	\$ 5,103,060	\$ 3,380,520	\$ (1,722,540)	(33.8) %
Taxes	39,120,704	41,072,215	43,173,770	45,044,500	1,870,730	4.3
Licenses & Permits	265,337	96,926	79,500	97,000	17,500	22.0
Intergovernmental Revenue	13,687,561	14,641,397	16,514,330	16,271,120	(243,210)	(1.5)
Charges for Services	1,121,124	525,023	1,861,800	446,220	(1,415,580)	(76.0)
Miscellaneous Revenue	(15,938)	154,199	57,100	55,940	(1,160)	(2.0)
Other Financing Sources	464,700	145,143	3,620,000	3,210,000	(410,000)	(11.3)
<b>Total</b>	<b>\$ 54,643,488</b>	<b>\$ 56,634,903</b>	<b>\$ 70,409,560</b>	<b>\$ 68,505,300</b>	<b>\$ (1,904,260)</b>	<b>(2.7) %</b>

**PROGRAM EXPENDITURES**

	2007 FTE	2008 FTE	2007 Budget	2008 Budget	Absolute Change	Percent Change
Engineering	105.10	105.10	\$ 5,654,390	\$ 6,041,250	\$ 386,860	6.8 %
County Engineer/Admin Svcs	34.39	37.64	12,506,520	11,894,870	(611,650)	(4.9)
Transp Planning/Programming	22.00	22.00	2,540,570	2,918,670	378,100	14.9
Roads Maintenance	165.70	165.70	26,749,250	28,934,490	2,185,240	8.2
Traffic Administration	39.00	40.00	5,543,460	6,370,800	827,340	14.9
Transfer Out - Construction	—	—	12,650,610	8,000,000	(4,650,610)	(36.8)
Debt Service/Loan Repayment	—	—	2,115,400	2,292,890	177,490	8.4
Transfer Out - Other Service	—	—	2,649,360	2,052,330	(597,030)	(22.5)
<b>Total</b>	<b>366.19</b>	<b>370.44</b>	<b>\$ 70,409,560</b>	<b>\$ 68,505,300</b>	<b>\$ (1,904,260)</b>	<b>(2.7) %</b>

*County Road Fund*

**STAFFING SUMMARY**

	<b>2003 FTE</b>	<b>2004 FTE</b>	<b>2005 FTE</b>	<b>2006 FTE</b>	<b>2007 FTE</b>	<b>2008 FTE</b>
Dir - Public Works & Util	0.51	0.51	0.42	0.46	0.46	0.46
County Engineer	1.00	1.00	1.00	1.00	1.00	1.00
Special Asst for Trans	—	—	1.00	1.00	1.00	1.00
Maintenance Manager	1.00	1.00	1.00	1.00	1.00	1.00
Administrative Svcs Mgr	0.87	0.87	0.87	0.85	0.80	0.80
Special Asst to Dir PW&U	—	—	0.21	0.21	0.70	0.70
Traffic Engineer	1.00	1.00	1.00	1.00	1.00	1.00
Engineering Manager	—	—	2.96	3.00	2.90	2.90
Assoc Traffic Engineer	1.00	1.00	1.00	2.00	2.00	2.00
Deputy PW & Utilities Dir	0.51	0.51	0.42	0.46	0.46	0.46
Environmental Biologist	3.00	3.00	4.00	3.00	4.00	4.00
Planner	5.00	5.00	5.00	5.00	7.00	7.00
Road Maintenance Supt	2.00	2.00	2.00	2.00	2.00	2.00
Strategic Plng/Asst Mgr	—	—	1.00	1.00	1.00	1.00
Right of Way Agent	7.00	7.00	7.00	8.00	10.00	10.00
Traffic Operations Supv	1.00	1.00	1.00	1.00	1.00	1.00
Traffic Signal Tech	5.00	5.00	6.00	6.00	6.00	7.00
Civil Engineer	44.50	45.47	43.47	44.20	52.70	53.70
Accountant	—	—	1.71	1.75	1.58	1.58
Fiscal Services Mgr	—	1.00	1.00	1.00	1.00	1.00
Road District Manager	—	—	—	—	5.00	5.00
Maintenance Office Admin	—	—	1.00	1.00	1.00	1.00
Road District Supervisor	—	—	—	4.00	4.00	4.00
Heavy Equipment Operator	21.00	21.00	21.00	21.00	20.00	20.00
Maintenance Technician	80.92	87.70	85.70	85.70	74.70	73.70
Civil Engineer - In Trng	—	—	—	2.00	3.00	3.00
Contract Compliance Ofcr	1.00	1.00	1.00	1.00	1.00	1.00
GIS Specialist	—	—	—	—	1.00	1.00
Public Works Supv	10.00	10.00	10.00	6.00	1.00	1.00
Engineering Tech	54.00	58.30	56.20	58.50	65.50	66.50
Equipment Operator	—	—	—	—	1.00	1.00
Road Operations Field Supervisor	—	—	—	9.00	10.00	10.00
Traffic Sign Technician	12.00	12.00	12.00	12.00	12.00	12.00
Accounting Assistant	5.60	5.80	5.80	5.60	4.58	4.58
Contract Compliance Spec	1.00	1.00	1.00	1.00	1.00	1.00
Communications Coord	—	—	—	—	1.00	1.00
Supervisory Admin Asst	—	1.00	1.00	1.00	1.00	1.00
Training Coordinator	1.00	1.00	2.00	2.00	2.00	2.00
Dept Info Tech Spec	3.00	3.42	3.31	4.25	3.75	6.00
Administrative Assistant	0.85	1.00	1.00	2.00	1.96	1.96
Records Specialist	1.00	1.00	1.00	1.00	1.00	1.00
Maintenance Office Mgr	5.00	5.00	6.00	6.00	6.00	6.00
Office Assistant	15.66	16.16	15.46	15.50	15.60	15.60
Contracts Coordinator	—	—	—	—	1.00	1.00
Contract Compl Field Mntr	1.00	1.00	1.00	1.00	1.00	1.00
Facilities Maint Worker	—	—	—	0.50	0.50	0.50
Maintenance Worker	30.00	23.00	24.00	20.00	29.00	29.00
Administrative Aide	1.00	2.00	0.80	1.00	—	—
Airport Administrator	1.00	1.00	1.00	—	—	—
Maintenance Crew Chief	5.00	5.00	5.00	—	—	—
Spec Asst to Exec - Transportation	1.00	1.00	—	—	—	—
Program Development Mgr	1.00	1.00	—	—	—	—
Admin Program Mgr	0.96	0.96	—	—	—	—
Custodian	1.90	—	—	—	—	—
Clerical Aide	1.00	—	—	—	—	—
Grant Accountant	1.00	—	—	—	—	—
<b>Total</b>	<b>330.28</b>	<b>335.70</b>	<b>337.33</b>	<b>344.98</b>	<b>366.19</b>	<b>370.44</b>

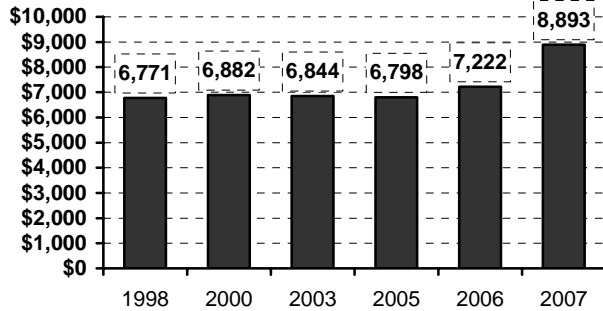
*County Road Fund*

**WORKLOAD SERVICE DATA**

	Unit of Measure	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Estimate	2008 Estimate
Pothole Premix Patching	Manhour	1,653	1,353	1,499	—	—	—
Pothole Premix Patching	Ton	—	—	—	938	1,505	1,505
Spreader Box Patching	Ton	10,805	8,444	3,269	10,424	2,200	10,296
Seal Coating	Lane Mile	266	131	157	69	234	125
Skin Patching	Sq Yard	7,536	—	—	—	8,000	8,000
Grading & Shaping Gravel Road	Mile	55	80	59	53	62	62
Haul Aggregate for Gravel Road	Ton	2,749	3,430	2,198	1,237	1,950	1,950
Grading & Shaping Gravel Shld	Sh Mile	889	686	435	402	520	520
Hauling Aggregate - Gravel Shld	Ton	20,338	22,428	18,413	18,406	14,700	14,700
Mowing Shoulders	Sh Mile	1,680	2,338	2,899	2,595	3,490	3,490
<b>Ditching</b>							
With Backhoe/Drott	Lineal Feet	60,528	77,142	75,976	68,806	72,400	72,400
With Belt Loader/Ditchmaster	Ditch Mile	577	85	87	83	106	106
Manual Clean Culvert Ends & Grates	Each	6,456	2,375	2,683	3,271	3,700	3,700
Mech Clean Drainage Structure	Each	2,832	2,352	3,359	1,959	3,200	3,200
Cleaning With Jet Rodder	Lineal Feet	67,419	77,078	79,766	75,819	75,000	75,000
<b>Repair/Replace</b>							
Culvert Pipe	Lineal Feet	3,423	2,499	2,371	2,765	3,250	3,250
Catch Basin	Each	76	51	29	29	50	50
Drywell/Drainfield	Each	11	10	14	25	25	25
Erosion Control	Manhour	902	423	248	237	760	760
Grate	Each	95	60	71	69	87	87
Maintenance of Holding Ponds	Site	—	—	—	—	—	—
Paint Culvert Marks	Each	145	23	431	215	620	620
Bridge Repair	Manhour	284	499	407	566	617	617
Luminaire Routine	Each	233	761	746	816	660	1,082
Signage Activity	Each	156,790	159,817	156,979	160,166	178,935	180,387
Pavement Markings	Each	5,277	4,383	4,444	3,712	6,295	5,300
Pavement Striping	Mile	2,030	1,857	1,925	1,804	2,123	2,123
Signal Electronics Repair	Manhour	1,040	1,076	213	1,400	1,170	1,172
Signal Cabinet	Intersection	474	340	343	390	520	521
Signal Routine	Intersection	888	1,021	971	1,012	1,065	1,065
Signal Misc. Intersection Repairs	Each	388	543	458	961	600	600
Signal Relamping	Each	3,914	4,164	4,546	4,997	4,665	4,665
Guardrail Repair	Manhour	2,204	1,849	1,418	1,481	1,895	1,895
Plowing Snow	Lane Mile	2,890	14,709	5,228	3,711	11,220	11,220
Sanding	Ton	1,076	5,275	2,205	3,017	4,120	4,120
Front End Broom	Lane Mile	3,069	3,693	4,133	3,534	2,970	2,970
Self-Propelled/Self-Load. Sweep	Lane Mile	4,206	6,423	7,517	7,382	7,900	7,900
Flushing	Curb Mile	199	129	74	17	66	66
Rotary Brush Cutter	Sh Mile	769	693	871	832	874	874
Brushing & Chipping	Sh Mile	124	148	144	—	—	—
Brushing & Chipping	Manhour	—	—	—	9,441	5,850	3,580
Litter Pickup	Manhour	1,776	4,451	14,487	5,864	6,000	4,300
Cut & Fill Slope Repairs	Manhour	1,481	977	1,112	5,453	1,440	1,244
Maint Admin - Field Supervision	Manhour	16,117	16,161	15,987	16,336	15,200	15,200
Maint Admin - Office Support	Manhour	8,920	8,075	7,781	7,870	8,320	8,320
Training	Manhour	3,190	4,731	4,103	3,665	5,650	5,650

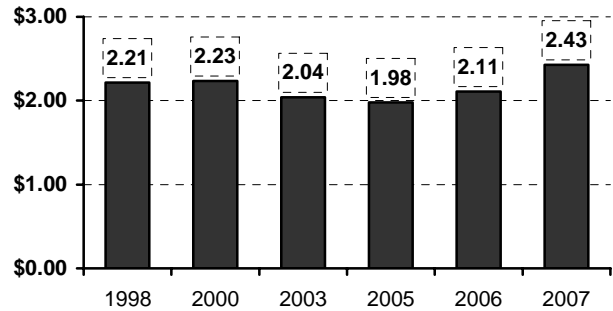
**BUDGET RATIOS**

**Expense per Lane Mile of Road**



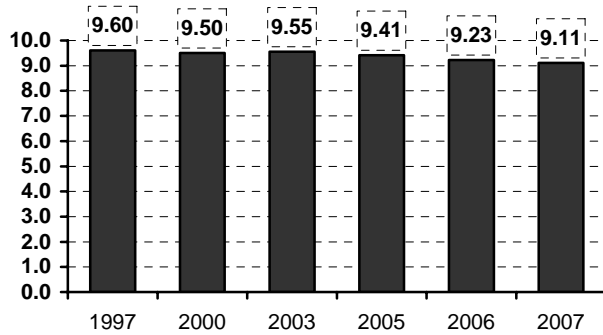
❖ From 1998 to 2007 the maintenance and operations expense per lane mile of road maintained increased 31% after adjusting for inflation because of higher fuel and asphalt costs. Data is not available prior to 1998. The ten year average is 7,169.

**Expense per 100 Vehicle Miles Traveled**



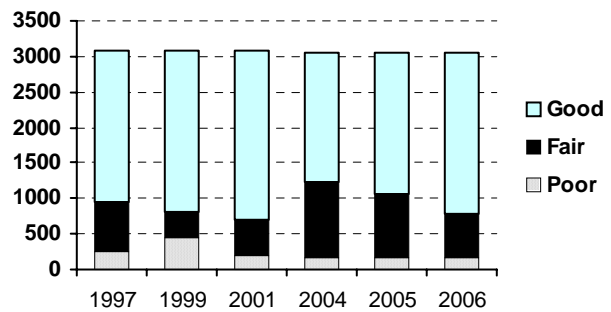
❖ From 1998 to 2007 the total maintenance and operations expense per 100 vehicle miles traveled increased 10% after adjusting for inflation. Data is not available prior to 1998. The ten year average is 2.18.

**Lane Miles of Road per Employee**



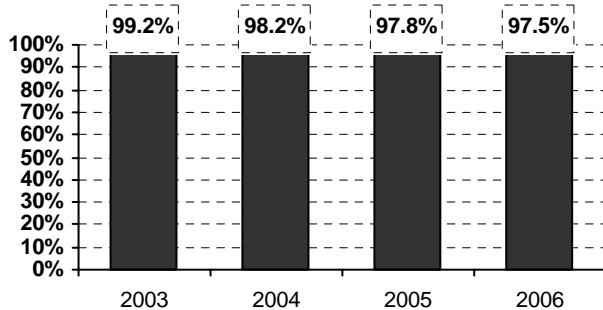
❖ From 1997 to 2007 the average number of lane miles of road maintained per department employee decreased 5%. The ten year average is 9.45.

**Pavement Condition by Lane Miles**



❖ From 1997 to 2006, the lane miles of road with a surface rating of good or fair increased 1%. The rating scale changed somewhat in 1998 to align with current standards. Road condition assessment occurs late in the year. The ten year average good or fair is 2,813.

**Concurrency of Arterial Miles**



❖ Pierce County has approximately 634 miles of arterials. A Pierce County roadway fails concurrency when the daily traffic volume exceeds the established service level standard. From 2003 to 2006, the percentage of miles meeting concurrency decreased 2%. Data is not available prior to 2003. The four year average is 98.2%

*County Road Fund*

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# Equipment Rental and Revolving Fund

## Internal Service Fund

**The mission of the Equipment Services Division is to provide professional and competitive procurement, maintenance and disposal of transportation and construction equipment; to ensure safe operating equipment; and to meet the equipment services needs of County Roads, Sewer Utility, Parks and Recreation Services and Surface Water Management.**

**Departmental Summary:**

The Equipment Services Division of the Public Works and Utilities Department is responsible for the purchase, maintenance, and repair of County Road, Utility, River Improvement, and Parks and Recreation Department equipment. Repairs and preventive maintenance work is performed at the Central Maintenance Shop garage and at five outlying shops located at Puyallup, Elk Plain, Chambers Creek, Purdy and River Improvement.

The Central Maintenance Shop maintains the primary inventory of vehicle supplies and parts, and utilizes an automated system to track the parts inventory. The Faster fleet management system, which compiles data to analyze performance, downtime, backlog, and frequency of repair data, has been implemented at all Equipment Service Division shops.

The ER&R Fund also provides material (asphalt, paint, traffic signals, etc.) for County Road operations.

**Budget Highlights:**

The 2008 Equipment Rental and Revolving Fund reflects a 18.3% decrease from the 2007 budget, due to the fact that the 2007 budget included a \$4,000,000 allocation to the Central Maintenance Facility for vehicle maintenance facilities. The 2008 budget includes two new positions to deal with increased workload responsibilities in this fund.

<b>FUNDING SOURCES</b>						
	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Est Use of Begin Fund Balance	\$ —	\$ —	\$ 6,802,450	\$ 2,124,580	\$ (4,677,870)	(68.8) %
Charges for Services	2,876,016	3,518,288	3,886,750	4,124,930	238,180	6.1
Miscellaneous Revenue	6,680,628	7,090,716	7,451,500	8,195,440	743,940	10.0
Other Financing Sources	720,357	393,943	607,800	879,100	271,300	44.6
<b>Total</b>	<b>\$ 10,277,001</b>	<b>\$ 11,002,947</b>	<b>\$ 18,748,500</b>	<b>\$ 15,324,050</b>	<b>\$ (3,424,450)</b>	<b>(18.3) %</b>

*Equipment Rental and Revolving Fund*

<b>PROGRAM EXPENDITURES</b>						
	<b>2007 FTE</b>	<b>2008 FTE</b>	<b>2007 Budget</b>	<b>2008 Budget</b>	<b>Absolute Change</b>	<b>Percent Change</b>
Equipment Operating/Repair Srv	24.30	26.30	5,316,050	5,826,990	510,940	9.6 %
Capital Expenses	—	—	5,707,700	5,570,400	(137,300)	(2.4)
Revolving Account Expenses	—	—	3,724,750	3,926,660	201,910	5.4
Esd Maint Shop Bldg	—	—	4,000,000	—	(4,000,000)	(100.0)
<b>Total</b>	<b>24.30</b>	<b>26.30</b>	<b>\$ 18,748,500</b>	<b>\$ 15,324,050</b>	<b>\$ (3,424,450)</b>	<b>(18.3) %</b>

<b>STAFFING SUMMARY</b>						
	<b>2003 FTE</b>	<b>2004 FTE</b>	<b>2005 FTE</b>	<b>2006 FTE</b>	<b>2007 FTE</b>	<b>2008 FTE</b>
Dir – Public Works & Util	0.05	0.05	0.04	0.05	0.05	0.05
Administrative Svcs Mgr	0.13	0.13	0.13	0.15	0.20	0.20
Deputy PW & Utilities Dir	0.05	0.05	0.04	0.05	0.05	0.05
Equipment Svc Manager	1.00	1.00	1.00	1.00	1.00	1.00
Equipment Tech Lead	—	—	—	—	1.00	1.00
Equipment Tech - ASE Master	—	—	—	—	5.00	5.00
Equipment Tech - ASE	—	—	—	—	3.00	3.00
Equipment Supervisor	1.00	1.00	1.00	1.00	1.00	1.00
Equipment Tech	—	—	—	—	7.00	7.00
Equipment Oper Instructor	1.00	1.00	1.00	1.00	1.00	1.00
Equipment Svc Attendant	1.00	1.00	1.00	1.00	1.00	2.00
Parts Specialist Lead	1.00	1.00	1.00	1.00	1.00	1.00
Accounting Assistant	1.20	1.00	1.00	1.00	1.00	1.00
Parts Specialist	2.00	2.00	2.00	2.00	2.00	3.00
Mechanic Heavy Duty Lead	1.00	1.00	1.00	1.00	—	—
Mechanic - ASE	4.00	3.00	2.00	2.00	—	—
Mechanic Heavy Duty	3.00	3.00	3.00	3.00	—	—
Mechanic	4.00	5.00	6.00	6.00	—	—
Mechanic Heavy Duty - ASE	4.00	4.00	4.00	4.00	—	—
Special Asst to Dir PW & Util	—	—	0.02	0.02	—	—
Office Assistant	—	0.20	0.20	—	—	—
Dept Info Tech Spec	—	0.04	0.03	—	—	—
<b>Total</b>	<b>24.43</b>	<b>24.47</b>	<b>24.46</b>	<b>24.27</b>	<b>24.30</b>	<b>26.30</b>

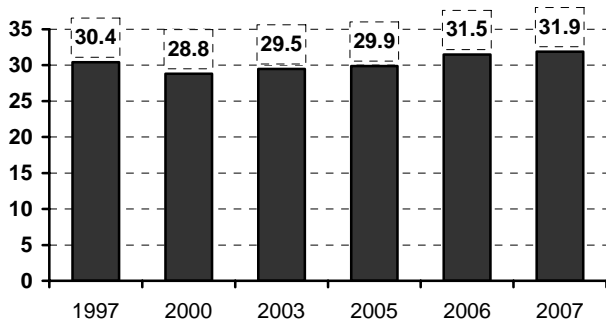
<b>WORKLOAD SERVICE DATA</b>							
	<b>Unit of Measure</b>	<b>2003 Actual</b>	<b>2004 Actual</b>	<b>2005 Actual</b>	<b>2006 Actual</b>	<b>2007 Estimate</b>	<b>2008 Estimate</b>
Active Vehicles In Fleet	Vehicles	442	456	448	472	478	493
Work Orders Processed per Year	Work Order	4,989	5,290	5,337	5,254	5,174	5,200
Total Vehicle Operating Hours	Hours	406,181	407,254	393,944	413,984	433,984	440,000

*Equipment Rental and Revolving Fund*

<b>EQUIPMENT PURCHASES</b>			
<b>Department</b>	<b>Qty</b>	<b>Equipment Description</b>	<b>2008 Budget</b>
<b>Replacement Equipment (funded by replacement reserve)</b>			
Equipment Services Division	1	Emergency Generator	\$ 47,500
	4	Forklift Drill - Mill Combo Transmission Service Equipment	50,000
	1	Networked Copier	18,000
	1	Fueling System for ECMF	150,000
Parks	2	Mower 72" W/Blower Attach	55,000
Road Fund	1	P/U 1/4T Crew Cab 4X4	23,500
	1	P/U 1/4T Crew Cab 4X4 W/Canopy	24,500
	1	P/U 1/4T Ext Cab 4X4 W/Canopy	26,000
	1	P/U 1T Reg Cab Flatbed	37,000
	1	P/U 3/4T Reg Cab 4X4 W/Canopy	38,000
	1	SUV Mid Size 4X4	25,000
	2	Sweeper Mechanical Street	400,000
	4	Trailer Variable Message (Upgrade)	110,000
	1	Truck 1T Flatbed W/Toolboxes	43,500
	4	Truck 5yd Dump W/Special Sander	658,000
	1	Truck Ditchmaster	273,000
	2	Van 3/4T 8 Passenger W/Screen	47,000
	2	Combo Sewer Cleaner Truck	425,000
	2	Truck 10yd Dump	340,000
Sewer Utilities	1	P/U 3/4T Ext Cab 4X4	38,500
	1	SUV Small HEV	26,000
	2	Van Sprinter W/Utility Body (Upgrade)	102,000
	1	Sewer Camera Truck	274,850
Water Programs	1	Loader Wheel	512,000
	1	P/U 1/2T Ext Cab 4X4	22,000
	3	Truck 10yd Dump	510,000
	<b>43</b>	<b>Subtotal</b>	<b>4,276,350</b>
<b>New Equipment (funded by Department listed)</b>			
Equipment Services Division	2	Truck Mechanic Service	200,000
	1	Truck Service	50,000
Parks	1	Mower 72" W/Blower Attach	30,000
	1	P/U 1T Reg Cab Dump W/Liftgate	30,000
	1	Tractor Backhoe/Loader	45,000
Road Fund	3	P/U 1/4T Crew Cab 4X4	70,500
	2	SUV Small 4X4 HEV	55,800
Sewer Utilities	1	Van Sprinter W/Utility Body	53,000
	1	SUV Small 4X4 HEV	27,900
Water Programs	1	SUV Mid Size 4X4	22,050
	2	SUV Small 4X4 HEV	55,800
	16	Subtotal	640,050
<b>Other</b>			
	1	Unscheduled Replacements	654,000
	<b>1</b>	<b>Subtotal</b>	<b>654,000</b>
	<b>60</b>	<b>Total</b>	<b>5,570,400</b>

**BUDGET RATIOS**

**Active Vehicles per Mechanic**



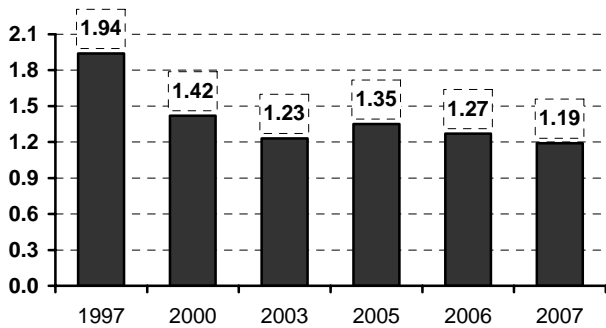
❖ From 1997 to 2007 the number of active vehicles per mechanic increased 5%. The ten year average is 30.2.

**Operating Cost per Hour**



❖ From 1997 to 2007 the operating cost per hour of vehicle usage increased less than 8% after adjusting for inflation. The ten year average is \$16.02.

**Work Orders per 100 Hours of Operation**



❖ From 1997 to 2007 the number of work orders per 100 hours of vehicle operation decreased 39%. The ten year average is 1.40.

# Ferry Services Fund

## Enterprise Fund

**Departmental Summary:**

The Ferry Services fund provides for the operation, maintenance, and capital improvement for the Pierce County ferry system, which consists of two ferry boats and the ferry landings at Steilacoom, Ketrton Island, and Anderson Island. The fund's financial goal is to be as self-supporting as possible primarily through a mix of fare revenue, state ferry subsidy, and gas tax revenue. The County Road Fund subsidizes any revenue shortfall for the Ferry Services fund.

The ferry system is the only public method of transportation for people and goods for Ketrton and Anderson Islands. Over 400,000 persons are transported to and from these islands annually. Outside contracted services are utilized to provide day to day operations of the ferry boats and ticket sales.

This fund includes the debt servicing of the \$10,588,000 in state loans for the construction of the current ferries. The debt outstanding on December 31, 2007 is \$7,346,743.10 The interest rate is 1% and .05% on the two loans payable annually on July 1.

**Budget Highlights:**

The Ferry Service budget for 2008 reflects the following:

- a) Ferry service operating expenses, including a large increase for diesel oil;
- b) Dry-dock maintenance on the Steilacoom II ferry; and
- c) A proposed fare increase (approximately 2% for passengers and commuters, and 10% for large vehicles).

**Performance Measures**

- 1) Operating revenues will cover at least 73% of operating expenses (excluding depreciation). (Goals A, B, E, G, H)

FUNDING SOURCES						
	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Est Use of Begin Fund Balance	\$ —	\$ —	\$ —	\$ 146,000	\$ 146,000	∞ %
Intergovernmental Revenue	2,097,828	3,010,714	1,528,460	1,291,880	(236,580)	(15.5)
Charges for Services	1,616,403	1,882,058	1,538,560	2,178,000	639,440	41.6
Miscellaneous Revenue	42,834	273,086	159,000	165,000	6,000	3.8
Other Financing Sources	1,748,838	4,817,067	731,000	226,000	(505,000)	(69.1)
Total	\$ 5,505,903	\$ 9,982,925	\$ 3,957,020	\$ 4,006,880	\$ 49,860	1.3 %

*Ferry Services Fund*

**EXPENDITURES**

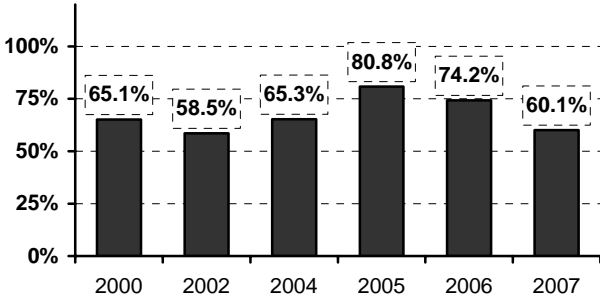
	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Salaries & Wages	\$ 181,911	\$ 191,259	\$ 198,510	\$ 210,020	\$ 11,510	5.8 %
Personnel Benefits	47,783	43,717	60,590	65,470	4,880	8.1
Supplies	394,855	436,413	555,650	569,370	13,720	2.5
Other Services & Charges	1,952,406	2,711,678	2,382,370	2,373,610	(8,760)	(0.4)
Intergovernmental Services	9,639	4,995	—	—	—	—
Capital Outlays	2,774,607	9,988,185	150,000	186,000	36,000	24.0
Debt Service-Principal	—	—	562,900	562,910	10	—
Interest	20,835	42,569	47,000	39,500	(7,500)	(16.0)
<b>Total</b>	<b>\$ 5,382,036</b>	<b>\$ 13,418,816</b>	<b>\$ 3,957,020</b>	<b>\$ 4,006,880</b>	<b>\$ 49,860</b>	<b>1.3 %</b>

**STAFFING SUMMARY**

	2003 FTE	2004 FTE	2005 FTE	2006 FTE	2007 FTE	2008 FTE
Dir - Public Works & Util	—	—	0.04	0.02	0.02	0.02
Engineering Manager	—	—	0.04	—	0.10	0.10
Deputy PW & Utilities Dir	—	—	0.04	0.02	0.02	0.02
Ferry Administrator	—	—	—	1.00	1.00	1.00
Civil Engineer	0.50	0.53	0.53	0.80	0.30	0.30
Maintenance Tech	0.08	0.30	0.30	0.30	0.30	0.30
Accountant	—	—	0.29	0.25	0.42	0.42
Accounting Assistant	0.20	0.20	0.20	0.40	0.42	0.42
Administrative Assistant	—	—	—	—	0.04	0.04
Special Asst to Dir PW&U	—	—	0.02	0.01	—	—
Administrative Aide	—	—	0.20	—	—	—
Engineering Tech	—	0.20	0.20	—	—	—
Dept Info Tech Spec	—	0.04	0.03	—	—	—
Admin Program Mgr	0.04	0.04	—	—	—	—
Office Assistant	—	0.30	—	—	—	—
Custodian	0.10	—	—	—	—	—
Administrative Assistant	0.15	—	—	—	—	—
<b>Total</b>	<b>1.07</b>	<b>1.61</b>	<b>1.89</b>	<b>2.80</b>	<b>2.62</b>	<b>2.62</b>

**BUDGET RATIOS**

**Extent of Self-Support from Ferry Tolls**



❖ From 2000 to 2007 ferry tolls as a percentage of operating expenses (excluding depreciation and debt service) decreased by 8%. [Ferry expenditures and revenues prior to 1999 were reported only within the County Roads fund.] The ten year average is 69.5%.

*Ferry Services Fund*

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# Public Works Construction Fund

## Capital Project Fund

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### Departmental Summary:

The Public Works Construction Fund was established to account for costs of transportation construction projects which typically extend beyond a single budget year. Costs are tracked over the life of each project for reimbursement and reporting purposes. Revenue sources for the projects include federal, state, or local funds.

State RCWs require the preparation of a plan for transportation improvement programs and projects. The document must be updated annually and filed with the Secretary of the Department of Transportation. In addition, each urban-area city and county must submit a separate program section identifying projects for submittal to the Transportation Improvement Board (TIB) for potential funding under the Urban Arterial Trust Account (UATA) or the Transportation Improvement Account (TIA). The plan also informs other jurisdictions of Pierce County's current planning direction for transportation needs. The six-year Transportation Improvement Plan (TIP) is approved by the Pierce County Council and submitted to the Puget Sound Regional Council for review and inclusion in the regional transportation plan. The list of construction projects shown on the following pages reflects anticipated expenditures for the current year only. Even though most projects extend over multiple years, an annual allocation is required for purposes of balancing the annual budget and to meet other legal requirements. The actual projects under construction may vary from those shown below as long as the project undertaken is authorized in one of the approved transportation planning documents referenced above.

There is a loan from the Washington State Public Works Board in the amount of up to \$2,942,000 at an interest rate of 0.5%. The loan is for the improvement of the intersection of Canyon Road East and 176<sup>th</sup> Street East. The final payment is due on July 1, 2025. The debt outstanding at December 31, 2007 is estimated to be \$2,942,000.

### Budget Highlights:

The Public Works Construction Fund budget for 2008 totals \$51,662,000 which is a major increase over 2007. The anticipated projects and related funding sources are shown later in this section. However, all projects listed in the Transportation Improvement Plan are eligible for activity in 2008. Approximately twenty percent of the funding for the 2008 projects is from "other" sources (usually federal or state grants).

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### Performance Measures

- 1) Design and advertise at least 90% of the number of projects planned to be advertised in the annual element of the TIP. (Goals A, B, E, G, H)
- 2) Complete construction on at least 90% of the number of projects planned to be completed with construction in the annual element of the TIP. (Goals A, B, E, G, H)

*Public Works Construction Fund*

<b>FUNDING SOURCES</b>						
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>Absolute</b>	<b>Percent</b>
	<b>Actual</b>	<b>Actual</b>	<b>Budget</b>	<b>Budget</b>	<b>Change</b>	<b>Change</b>
Est Use of Begin Fund Balance	\$ —	\$ —	\$ 4,385,000	\$ 10,506,000	\$ 6,121,000	139.6 %
Intergovernmental Revenue	5,082,964	9,881,577	12,553,160	9,919,000	(2,634,160)	(21.0)
Charges for Services	915,694	1,911,757	34,910	21,000	(13,910)	(39.8)
Miscellaneous Revenue	299,686	39,866	—	—	—	—
Other Financing Sources	20,474,963	15,509,673	26,487,930	31,216,000	4,728,070	17.8
<b>Total</b>	<b>\$ 26,773,307</b>	<b>\$ 27,342,873</b>	<b>\$ 43,461,000</b>	<b>\$ 51,662,000</b>	<b>\$ 8,201,000</b>	<b>18.9 %</b>

<b>EXPENDITURES</b>						
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>Absolute</b>	<b>Percent</b>
	<b>Actual</b>	<b>Actual</b>	<b>Budget</b>	<b>Budget</b>	<b>Change</b>	<b>Change</b>
Salaries & Wages	\$ 3,016,979	\$ 3,254,699	\$ 3,896,170	\$ 5,430,810	\$ 1,534,640	39.4 %
Personnel Benefits	795,601	936,222	1,198,650	1,478,170	279,520	23.3
Supplies	203,809	74,047	116,020	114,710	(1,310)	(1.1)
Other Services & Charges	2,882,666	4,225,189	3,074,920	4,054,960	980,040	31.9
Intergovernmental Services	1,220,389	1,366,040	1,448,000	1,486,000	38,000	2.6
Capital Outlays	13,746,473	20,867,110	33,727,240	39,097,350	5,370,110	15.9
<b>Total</b>	<b>\$ 21,865,917</b>	<b>\$ 30,723,307</b>	<b>\$ 43,461,000</b>	<b>\$ 51,662,000</b>	<b>\$ 8,201,000</b>	<b>18.9 %</b>

## Project Summary

2008 Funding Sources  
(All Costs in \$1000's)

PROJECT NAME	PROJECT LIMITS	CRP #	Total Cost	2008						
				Budget	Carry-over	Road Fund	Excise Tax	Real Estate	Traffic Impact Fees	Other
Bicycle Facility Pilot Project	Canyon Rd E Vicinity of SR-512 to 160 St E	5749	\$ 25	\$ 25	\$ —	\$ 25	\$ —	\$ —	\$ —	
Bridge #1172-C / 288 St S	At Lacamas Ck	5733	80	10	—	10	—	—	—	
Bridge #1204-A / Stewart Rd	Stewart Rd over White / Stuck River	5388	5,800	1	1	—	—	—	—	
Bridge #12173-B / 304 St E	304 St E over S Fork Muck Ck	5385	1,510	25	25	—	—	—	—	
Bridge #19204-H / 70 Ave E	River Rd E (SR-167) to N Levee Rd E	5369	9,100	25	—	3	—	—	22	
Bridge #20196-A / Johns Rd E	Johns Rd E over Wilkeson Ck	5654	64	2	2	—	—	—	—	
Bridge #2210-B / S Vaughn Rd Kpn	S Vaughn Rd KPN over Vaughn Bay	5352	2,951	1,755	218	—	—	—	1,537	
Bridge #28283-A / 8 Ave E	At N Fork Muck Ck	5734	850	25	—	25	—	—	—	
Bridge #36193-A / 176 St E	176 St E over Tacoma Rail	5387	6,000	250	—	—	250	—	—	
Bridge #5174-A / 304 St E	304 St E over Drainage Ditch	5655	52	2	2	—	—	—	—	
Canyon Rd E	131 St Ct E to 116 St E	5433	12,143	2,665	1,629	—	163	—	873	
Canyon Rd E	160 St E to 116 St E	5714	892	2	2	—	—	—	—	
Canyon Rd E	160 St E to 131 St Ct E	5404	11,403	1,900	844	—	582	—	474	
Canyon Rd E	172 St E to 160 St E	5656	11,945	1,280	—	—	1,096	—	184	
Canyon Rd E	192 St E to 1000' S of 176 St E	5666	6,200	1	1	—	—	—	—	
Canyon Rd E	400' N of 84 St E to 72 St E	5736	TBD	1	—	1	—	—	—	
Canyon Rd E	99 St Ct E to 900' N of 84 St E	5726	22,500	1,250	—	—	1,000	34	216	
Canyon Rd E / Northerly Extension	Pioneer Way E to 52 St E / 62 Ave E	5643	25,000	55	7	—	—	—	48	
Canyon Rd E / Northerly Extension	Wetland Mitigation Site - Sasaki Parcel	5737	750	1	—	1	—	—	—	
Canyon Rd E / Southerly Extension Phase 1	200 St E to 196 St E	5715	1,007	2	2	—	—	—	—	
Canyon Rd E / Southerly Extension	200 St E to 192 St E	5688	2,789	1,310	682	—	—	200	428	
Canyon Rd E / Southerly Extension	224 St E to 192 St E	5123	17,500	700	—	—	700	—	—	
Canyon Rd E / Southerly Extension	260 St E / SR-7 to 224 St E	5124	15,000	110	—	110	—	—	—	
Canyon Rd E / TIB Stage 3	160 St E to 144 St E	5683	8,322	10	10	—	—	—	—	
Canyon Rd E / 176 St E	Intersection	5657	6,622	25	—	—	25	—	—	
Cromwell Dr NW / Seawall Repair	200' W of 56 Av Ct NW to 800' E of 56 Av Ct NW	5716	325	285	20	265	—	—	—	
Crosswalk Marking Program	Various Intersections	5750	75	75	—	75	—	—	—	
Crystal Mountain Blvd E	Crystal Mountain Ski Area to SR-410	5738	5,900	84	—	84	—	—	—	
Day Labor	Countywide	5000	1,500	250	—	250	—	—	—	
Fairfax Forest Rsv Rd - Culvert	At Milepost 1.55	5690	872	10	—	10	—	—	—	
Fairfax Forest Reserve Rd	At Milepost 1.70 to 1.72	5746	445	445	60	—	—	—	385	
FI Bridge Rd NW /Warren Dr NW /32 St NW	FI Br #26211-A to 70 Ave NW	5667	3,058	1,500	—	500	—	—	1,000	
Garfield St S	C St S to SR-7	5730	TBD	140	1	99	—	—	40	

## Project Summary

2008 Funding Sources  
(All Costs in \$1000's)

PROJECT NAME	PROJECT LIMITS	CRP #	Total Cost	2008 Funding Sources						
				2008 Budget	Carry-over	Road Fund	Excise Tax	Real Estate	Traffic Impact Fees	Other
Grant/Developer Leveraging Program	Various Locations	5999	600	100	60	40	—	—	—	
Guardrail Program - 2006	Orville Rd E/304 St E/Cramer Rd KPN & 118 Av N	5699	408	2	2	—	—	—	—	
Guardrail Program - 2008	Countywide	5739	100	100	—	100	—	—	—	
Jahn Ave NW / 32 St NW / 22 Ave NW	36 St NW to 24 St NW	5540	1,420	190	—	117	—	—	73	
Key Pen Hwy Kpn/Olsen Rd Kpn/Cramer Rd Kpn	Intersection	5740	1,200	150	—	—	—	118	32	
Key Pen Hwy Kpn	Key Ctr to SR-302 (Elgin Clifton Rd Kpn)	5751	TBD	20	—	20	—	—	—	
Lake Tapps Pkwy E	Sumner-Tapps Ext to 182 Ave E	5486	4,860	90	—	90	—	—	—	
Military Rd E / 122 Ave E	830' S of 136 St E to Reservoir Rd E	5145	1,982	505	—	505	—	—	—	
Military Rd E / 122 St E	130 Ave Ct E to SR-162	5592	113	50	—	50	—	—	—	
Military Rd E / Reservoir Rd E	Intersection	5514	1,460	700	100	—	—	600	—	
Military Rd S / Spanaway Loop Rd S	Intersection	5717	TBD	1	1	—	—	—	—	
Miscellaneous Engineering	Various Locations	5100	600	100	54	46	—	—	—	
Nisqually Wetland Bank	Off of Ohop Creek SW of the SR-7 Xing	5381	250	1	1	—	—	—	—	
Opticom Traffic Signal Preemption Installation	Various Locations	5752	80	80	—	80	—	—	—	
Pioneer Way E / Waller Rd E	Intersection	5628	2,100	200	—	150	—	50	—	
Portland Ave E	SR-512 to 72 St E	5718	50	1	1	—	—	—	—	
Pt Fosdick / Stone Dr NW / 34 Ave NW	Intersection	5581	1,500	1	1	—	—	—	—	
Rhodes Lake Rd E	Falling Water Bv to 198 Ave E	5278	TBD	1	1	—	—	—	—	
Rhodes Lake Rd E	SR-162 to Falling Water Blvd	5731	TBD	50	—	50	—	—	—	
Rhodes Lake Corridor Study	198 Ave E to SR-162	5543	1,698	2	2	—	—	—	—	
Rhodes Lake Rd E / 192 Ave E	Intersection	5691	260	2	—	2	—	—	—	
S Prairie Rd E	121 St Ct E to 120 St E	5629	1,090	2	2	—	—	—	—	
S Prairie Rd E	Bonney Lake City Limits to 202 Ave E	5642	385	2	2	—	—	—	—	
S Prairie Rd E	SR-410 to Bonney Lake City Limits	5548	3,446	2	2	—	—	—	—	
Sehmel Dr NW	Homestead Park to Bujacich Dr NW	5705	TBD	100	—	100	—	—	—	
Spanaway Loop Rd S	Military Rd S to Tule Lake Rd S	5727	6,500	2	—	2	—	—	—	
Spanaway Loop Rd S	S of Garfield St S to N of Wheeler St S	5664	979	470	190	69	—	—	211	
Spot Safety Program	Various Locations	5247	300	50	50	—	—	—	—	
SR-167	W of and E of new Bridge #19204-H	5644	3,600	25	—	3	—	—	22	
SR - 167 / Stewart Rd	W Valley Hwy E to SR - 167 NB On-Ramp	5467	302	300	300	—	—	—	—	
SR-410	Eastbound Ramp at 166 Ave E	5707	TBD	1	—	1	—	—	—	
SR-507 / 8 Ave S	Intersection	5747	50	50	50	—	—	—	—	
SR-7	SR-512 to SR-507	5668	3,886	2	—	2	—	—	—	

Public Works Construction Fund

## Project Summary

2008 Funding Sources  
(All Costs in \$1000's)

PROJECT NAME	PROJECT LIMITS	CRP #	Total Cost	2008						
				Budget	Carry-over	Road Fund	Excise Tax	Real Estate	Traffic Impact Fees	Other
SR-704 (Cross Base Hwy)	I-5 to 176 St S	5469	5,105	1,010	—	—	1,010	—	—	
SR-704 (Cross Base Hwy) WSDOT Reimburse	I-5 to 176 St S	5704	524	250	—	—	—	—	250	
State Contract Participation	Various Locations	5199	550	50	50	—	—	—	—	
Stewart Rd	Bridge #1204-A to Lake Tapps Pkwy E	5660	8,094	3,250	334	1,490	—	—	1,426	
Stewart Rd	SR-167 Northbound On-Ramp to Bridge #1204-B	5466	12,900	1,590	212	414	—	—	964	
Traffic Calming Pilot Program	Parkland, Spanaway, and Unincorp. Steilacoom	5300	889	295	—	295	—	—	—	
Valley Ave E / 70 Ave E	Freeman Rd E to 20 St E	5148	1,639	1,084	542	542	—	—	—	
Wetland Banking Program	Various Locations	5330	450	75	75	—	—	—	—	
Wollochet Dr NW	40 St NW to 600' N of East Bay Dr NW	5696	12,000	780	—	—	780	—	—	
Wollochet Dr NW	600' N of E Bay Dr NW to 400' N of Fillmore NW	5542	8,750	570	—	—	570	—	—	
Woodland Ave E / 128 St E	Intersection	5634	1,200	525	—	275	—	250	—	
Woodland Ave E / 160 St E	Intersection	5753	TBD	50	—	50	—	—	—	
8 Ave E & S - Lighting and Flashers	Intersection	5709	159	40	—	9	—	—	31	
9 St E / 12 St E	182 Ave E to 198 Ave E	5430	2,500	50	—	50	—	—	—	
9 St E / 182 Ave E	Intersection	5228	956	10	—	10	—	—	—	
22 Ave E	192 St E to 176 St E	5695	TBD	1	1	—	—	—	—	
22 Ave E	208 St E to 192 St E	5586	TBD	1	1	—	—	—	—	
22 Ave E / 152 St E	Intersection	5650	TBD	125	—	—	—	125	—	
22 Ave E / 192 St E	Intersection	5670	1,450	630	300	15	—	315	—	
36 St NW	Gig Harbor City Limits to 22 Ave NW	5531	700	144	—	136	—	—	8	
52 St E / 66 Ave E	Intersection	5719	300	70	—	70	—	—	—	
52 St E / 70 Ave E	52 St E / 62 Ave E to River Rd E (SR-167)	5498	10,000	145	—	20	—	—	125	
62 Ave E	52 St E to SR-167	5720	50	50	50	—	—	—	—	
70 Ave E	N Levee Rd E to 500' S of 45 St Ct E	5645	9,200	25	—	3	—	—	22	
72 St KPS - Culvert Replacement	300' W of Cliff Ave at milepost 0.48	5702	149	2	—	2	—	—	—	
74 Ave E / 160 St E	Intersection	5722	500	50	1	49	—	—	—	
78 Ave E	176 St E to 160 St E	5651	429	5	5	—	—	—	—	
78 Ave E / 184 St E	Intersection	5661	TBD	100	—	—	—	100	—	
78 Ave E / 192 St E	Intersection	5641	1,200	1	1	—	—	—	—	
82 Ave E / 224 St E	Intersection	5578	791	2	—	2	—	—	—	
86 Ave E	176 St E to 152 St E	5549	273	5	5	—	—	—	—	
86 Ave E / 128 St E	Intersection	5491	1,420	655	—	25	—	630	—	
94 Ave E	157 St E to 152 St E	5721	50	50	50	—	—	—	—	

## Project Summary

2008 Funding Sources  
(All Costs in \$1000's)

PROJECT NAME	PROJECT LIMITS	CRP #	Total Cost	2008						
				Budget	Carry-over	Road Fund	Excise Tax	Real Estate	Traffic Impact Fees	Other
94 Ave E	500' S of 136 St E to 116 St E	5532	19,600	6,400	—	1,000	4,400	1,000	—	
94 Ave E / 144 St E	Intersection	5743	TBD	150	—	—	—	129	21	
111 Ave E / 122 St E	Intersection	5744	TBD	100	—	—	—	100	—	
111 Ave E / 128 St E	Intersection	5685	TBD	125	—	—	—	125	—	
112 St E	198 Ave E / 199 Ave Ct E to 300' W of 203 Ave E	5590	1,200	50	50	—	—	—	—	
112 St E	300' E/O Woodland Ave E to 86 Ave E	5534	8,426	1,360	—	519	—	—	841	
112 St E	58 Ave E to 300' E of Woodland Ave E	5494	6,957	2	2	—	—	—	—	
112 St E	Portland Ave E to 300' E of Woodland Ave E	5711	1,000	50	—	50	—	—	—	
112 St S	"C" St S to SR-7	5591	TBD	1	1	—	—	—	—	
128 St E	300' E of 86 Ave E to 94 Ave E	5594	TBD	1	1	—	—	—	—	
144th St E - Multi-Use Path	86 Ave E to SR-161	5729	131	1	—	1	—	—	—	
176 St E	"B" St E to 14 Ave E	5471	13,200	950	—	—	950	—	—	
176 St E	1,000' E of Canyon Rd E to 300' W of 78 Ave E	5472	11,000	1,343	—	—	1,343	—	—	
176 St E	14 Ave E to Waller Rd E	5536	10,900	1,050	—	—	1,050	—	—	
176 St E	300' W of 78 Ave E to 600' E of 78 Ave E	5723	1,000	150	—	—	150	—	—	
176 St E	600' E of 78 Ave to Gem Heights Dr E	5424	7,900	3,256	—	—	2,556	700	—	
176 St E	600' West of SR-167 to SR-167	5745	140	140	—	—	140	—	—	
176 St E	Gem Heights Dr E to SR-161	5496	2,785	2	2	—	—	—	—	
176 St E	Waller Rd E to 500' W of 51 Ave E	5537	17,816	1,935	—	—	1,935	—	—	
176 St E Ext	130 Ave E to Urban Growth Area (UGA) Bndry	5444	24,000	1	1	—	—	—	—	
176 St E Ext	UGA Boundry to BR 31195-A Calistoga Ave E	5694	12,500	1	1	—	—	—	—	
184 St E	82 Ave E to 86 Ave E	5596	368	50	50	—	—	—	—	
192 St E	38 Ave E to Canyon Rd E	5487	1,800	190	182	8	—	—	—	
198 Ave E	120 St E to Rhodes Lake Rd E	5674	134	50	40	10	—	—	—	
198 Ave E	144 St E to 120 St E	5675	90	50	30	20	—	—	—	
198 Ave E / 199 Ave Ct E	Rhodes Lake Rd to 104 St E	5676	338	185	185	—	—	—	—	
2007 Asphalt Overlay Program	Various Roads Countywide	5703	3,749	2	2	—	—	—	—	
288th St E - Asphalt Overlay	8th St E to Roy City Limits	5732	1,126	1,034	287	—	—	—	747	
3R Program - 2008	Various Roads Countywide	5725	3,720	3,720	3,720	—	—	—	—	
3R Program - 2009	Various Roads Countywide	5742	4,000	50	—	50	—	—	—	
<b>Totals</b>			<b>\$ 456,007</b>	<b>\$ 51,662</b>	<b>\$ 10,506</b>	<b>\$ 8,000</b>	<b>\$ 18,700</b>	<b>\$ 4,476</b>	<b>\$ 9,980</b>	

## Second REET Roads Fund

### *Special Revenue Fund*

**Departmental Summary:**

The Second Real Estate Excise Tax (REET), which can only be allocated for infrastructure projects (e.g., roads, sewers, parks, water systems), was approved in late 2001 to be effective in 2002. The Council approved an allocation of 75% for Transportation projects and 25% for Parks and Recreation projects.

**Budget Highlights:**

The 2008 Budget primarily reflects the transfer of monies to the Roads Construction Fund for those projects listed in the Roads Construction fund. Funding is provided from prior fund balance, estimated 2008 revenues, and the potential need for bond or other debt financing (\$4,000,000).

FUNDING SOURCES						
	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Est Use of Begin Fund Balance	\$ —	\$ —	\$ 8,346,090	\$ 9,285,810	\$ 939,720	11.3 %
Taxes	7,142,709	7,328,437	5,700,000	5,490,000	(210,000)	(3.7)
Other Financing Sources	—	—	—	4,000,000	4,000,000	∞
<b>Total</b>	<b>\$ 7,142,709</b>	<b>\$ 7,328,437</b>	<b>\$ 14,046,090</b>	<b>\$ 18,775,810</b>	<b>\$ 4,729,720</b>	<b>33.7 %</b>

PROJECT SUMMARY			
Project Name	Project Limits	CRP #	2008 Budget
Bridge #36193-A / 176 St E	176 St E over Tacoma Rail	5387	\$ 250,000
Canyon Rd E	131 St Ct E to 116 St E	5433	163,000
Canyon Rd E	160 St E to 131 St Ct E	5404	582,000
Canyon Rd E	172 St E to 160 St E	5656	1,096,000
Canyon Rd E - Northerly Exit	Pioneer Way E to 52 St E / 62 Ave E	5643	1,000,000
Canyon Rd E - Southerly Exit	224 St E to 192 St E	5123	700,000
Canyon Rd E / 176th St E	Intersection	5657	25,000
SR - 704 (Cross Base Hwy)	I-5 to 176 St S	5469	1,010,000
Wollochet Dr NW	40 St NW to 600' N of E Bay Dr NW	5696	780,000
Wollochet Dr NW	600' N of E Bay Dr NW to 400' N of Fillmore NW	5542	570,000
94th Ave E	500' S of 136 St E to 116 St E	5532	4,400,000
176th St E	Waller Rd E to 500' W of 51 Ave E	5537	1,935,000
176th St E	"B" St E to 14 Ave E	5471	950,000
176th St E	1,000' E of Canyon Rd E to 300' W of 78 Ave E	5472	1,343,000
176th St E	14 Ave E to Waller Rd E	5536	1,050,000
176th St E	600' E of 78 Ave to Gem Heights Dr E	5424	2,556,000
176th St E	300' W of 78 Ave E to 600' E of 78 Ave E	5723	150,000
176th St E	600' W of SR-167 to SR-167	5745	140,000
<b>Total Public Works Construction Projects</b>			<b>18,700,000</b>
Roads Administration Expenses			75,810
<b>Total Public Works</b>			<b>\$ 18,775,810</b>

*Second REET Roads Fund*

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## Traffic Impact Fee Fund

*Special Revenue Fund*

**Departmental Summary:**

The County Council recently approved the Traffic Impact Fee ordinance which will levy such fees on those developments which will impact the need for public road facilities. These impact fees will be deposited in this fund and will be allocated for the purpose specified in the enabling ordinance.

**Budget Highlights:**

The 2008 Budget simply provides monies for staff and consulting services for necessary system and administration activities. The majority of the budget will be transferred to the Roads Construction fund for designated projects (\$4,476,000) or will be set-aside in a reserve account for future projects (\$1,254,160).

### FUNDING SOURCES

	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Charges for Services	\$ —	\$ —	\$ 8,000,000	\$ 6,000,000	\$ (2,000,000)	(25.0) %
<b>Total</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 8,000,000</b>	<b>\$ 6,000,000</b>	<b>\$ (2,000,000)</b>	<b>(25.0) %</b>

### EXPENDITURES

	2005 Actual	2006 Actual	2007 Budget	2008 Budget	Absolute Change	Percent Change
Salaries & Wages	\$ —	\$ —	\$ —	\$ 106,060	\$ 106,060	∞ %
Personnel Benefits	—	—	—	33,780	33,780	∞
Other Services & Charges	—	—	8,000,000	5,860,160	(2,139,840)	(26.7)
<b>Total</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 8,000,000</b>	<b>\$ 6,000,000</b>	<b>\$ (2,000,000)</b>	<b>(25.0) %</b>

*Traffic Impact Fee Fund*

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## Transportation Facilities Fund

### Capital Project Fund

**Departmental Summary:**

The Transportation Facilities Fund was established to account for costs of new capital facility projects, such as Road Maintenance shops or other support facilities, separate from all other road related transportation projects. This fund includes the costs of new facilities (land acquisition, design, and construction), as well as major repairs/enhancements to such existing facilities.

**Budget Highlights:**

The recommended 2008 Budget reflects the following:

- a) The loan repayment for the CMF back to the Equipment Rental Fund .....\$3,800,000
- b) Completion of the Central Maintenance Facility .....3,102,760
- c) Design work for a new West County Maintenance Facility.....1,000,000
- d) McLean property purchase .....1,450,000  
\$9,352,760

The funding sources are Land/Asset sales and Prior Fund Balance.

FUNDING SOURCES						
	2005	2006	2007	2008	Absolute	Percent
	Actual	Actual	Budget	Budget	Change	Change
Est Use of Begin Fund Balance	\$ —	\$ —	\$ 21,229,810	\$ 2,080,120	\$ (19,149,690)	(90.2) %
Intergovernmental Revenue	—	—	1,297,130	—	(1,297,130)	(100.0)
Miscellaneous Revenue	15,449	294,303	—	—	—	—
Law Enforcement Levy	—	—	3,346,850	—	(3,346,850)	(100.0)
Other Financing Sources	—	28,331,990	—	7,272,640	7,272,640	∞
<b>Total</b>	<b>\$ 15,449</b>	<b>\$ 28,626,293</b>	<b>\$ 25,873,790</b>	<b>\$ 9,352,760</b>	<b>\$ (16,521,030)</b>	<b>(63.9) %</b>

PROGRAM EXPENDITURES						
	2007	2008	2007	2008	Absolute	Percent
	FTE	FTE	Budget	Budget	Change	Change
West County Maint Facility	—	—	\$ —	\$ 1,000,000	\$ 1,000,000	— %
CMF Access Road	—	—	2,959,180	—	(2,959,180)	(100.0)
East Cmf(Rhodes Lake)	—	—	3,346,850	3,800,000	453,150	13.5
Central Maintenance Fac	1.00	1.00	19,567,760	3,102,760	(16,465,000)	(84.1)
Transportation Services Bldg	—	—	—	1,450,000	1,450,000	∞
<b>Total</b>	<b>1.00</b>	<b>1.00</b>	<b>\$ 25,873,790</b>	<b>\$ 9,352,760</b>	<b>\$ (16,521,030)</b>	<b>(63.9) %</b>

*Transportation Facilities Fund*

**STAFFING SUMMARY**

	<b>2003 FTE</b>	<b>2004 FTE</b>	<b>2005 FTE</b>	<b>2006 FTE</b>	<b>2007 FTE</b>	<b>2008 FTE</b>
Asst Contracts/Proj Coord	—	—	—	—	1.00	1.00
Contracts/Projects Coordinator	—	—	—	1.00	—	—
<b>Total</b>	—	—	—	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>