

ANNUAL REPORTS (Financial & Statistical Report) LTRS  
1975

ANNUAL REPORTS

FINANCIAL & STATISTICAL REPORT  
(ONE VOLUME)

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FINANCIAL and STATISTICAL REPORT (in one volume)

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CENTRAL FILE

**City of Seattle**

**Engineering Department**



**1975 ANNUAL**

**FINANCIAL AND STATISTICAL REPORT**

Paul A. Wiatrak, City Engineer

1975 ANNUAL FINANCIAL AND STATISTICAL REPORT

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Your  
Seattle  
Engineering Department

Paul A. Wiatrak, City Engineer  
Wes Uhlman, Mayor



April 1, 1976

RE: 1975 Annual Report

Honorable Mayor and Members of  
The City Council  
Seattle, Washington 98104

Gentlemen:

As required by Section 12, Article XXII of the City Charter, The Engineering Department submits its annual report for 1975.

Public works projects in excess of 20 million dollars were designed and construction started under the supervision of the Seattle Engineering Department during 1975. These, and other diversified activities are summarized in this report.

Construction activities which got underway during the year included nine storm drain projects, seven bridge rehabilitation projects, nine street widening and alley paving projects, six sanitary sewer projects, and six watermain projects. The department also started several street tree and landscaping projects, construction of a pedestrian overpass, and installation of a series of traffic diverters.

While continuing decline in property owner interest in Local Improvement projects was evidenced in 1975 due to the general concept in that more State and Federal programs for financing projects with public funds are becoming available, Local Improvement District projects costing in excess of four million dollars were designed and constructed during the year, including paving, watermains, and hydrants, sanitary sewers, alley paving and underground wiring projects. A downward trend is expected to continue, although there still is considerable interest throughout the City in LID's for the undergrounding of utility wires.

A \$359,000 street lighting replacement program was started in the Central Business District in July and was 55% completed when the Electrical Workers strike began in October, which subsequently stopped work on the project for the remainder of the year. A specially designed, high efficiency luminaire that reduces glare while increasing light levels by 50% while using 30% less electrical energy is being installed. This modern street lighting project extends from Yesler Way to Stewart St. between First and Fifth Avenues.

Ornamental lighting was designed for stairways in the Leschi and Madrona Neighborhood Improvement Programs. Miscellaneous lighting and electrical design was completed for several bridge rehabilitation and water utility projects. Design of underground wiring on Westlake Ave. N., plus projects connected with proposed Metro Trolley routes for N.W. Market St., N.E. Pacific St., 23rd Ave., and Rainier Ave. S. were completed.

Street improvement design was completed on 23 projects with a total construction cost in excess of \$2,850,000. The most complex design project was N.F. Pacific St. Relocation and Development.

Structural design was completed on the following projects during 1975: Yesler Way Bridge over Fourth Ave.; 41st St. Pedestrian Overpass on Aurora Ave. N.; N.E. 45th St. Viaduct; Magnolia Bridge; Ballard Bridge; S.W. Spokane St. Improvements; and a pedestrian overpass by Franklin High School over Rainier Ave. S. and Empire Way S. Several bridgerail replacement and wall repair projects were also designed.

Preliminary engineering plans and specifications were completed on the View Ridge Reservoir, Cedar River Chlorination Building, and five Lake Youngs Supply and By-pass projects. Design of eight watermain projects was completed.

Several sanitary sewer and drainage design projects were prepared aimed to ward a reduction of sewage overflow and discharge into adjacent waters. Two of the three remaining outfall discharges were intercepted, and construction of the remaining interceptor, part of the Empire Way S. Sanitary Sewer project is underway. This \$1,357,000 project financed primarily by Federal/EPA funds, is a cooperative venture between the City of Seattle and King County to provide sanitary sewer service to the south slope of Beacon Hill, and to replace existing sanitary sewer connections for the Skyway District.

The initial 1968 Forward Thrust Sewer Separation Program is nearing completion, with four sizeable storm drain projects currently under construction. The Drainage Design section provided technical support to the Citizen's Advisory Committee for Urban Runoff (ACUR), and edited a study which proposes several alternate solutions for the preservation of existing streams while developing a system for storm water control in Seattle.

Special design projects for the Solid Waste Utility included a 42-inch storm drain and diversion channel around the Kent Highlands sanitary land fill. Fabrication and installation of a prototypical gas burner at the Midway Sanitary Landfill was completed. Technical data on the Solid Waste Methonal/Ammonia project was coordinated with the OMB.

A Technical Resources section was established to furnish drafting and technical support on engineering projects. In addition to increasing efficiency and manpower flexibility, it has provided a system of targeting, estimating and monitoring projects. A program was developed for providing permanent base maps which can be updated and reused on future projects which will result in a considerable longterm savings for the City.

A major achievement of the Management Systems and Industrial Engineering Section was selection of a firm to assist in the installation of a Maintenance Management System in Engineering Operations. The system will improve scheduling of maintenance of streets, bridges, and traffic control devices on a programmed basis. An Equipment Rental and Revolving Fund for street maintenance equipment was created.

The Financial Management Section completed what will become an annual survey of eight major funding sources to determine the amount of money available for programming within the Department's Capital Improvement Program/Operating budgets. Federal Aid to Highway (FAM) funds were obligated to a series of projects in 1975. Improved coordination efforts by the department with the Urban System Board has increased the region's FAM grant level about \$1.8 million dollars over a three-year period.

Community Relations accomplishments include streamlining of communications systems with impacted communities, and drafting of a community involvement procedural manual

for project engineers. Use of direct mail services has allowed for a 90% assured contact with area residents at minimal cost, and allows for improved communications with a small, specifically defined area.

Considerable benefit was accrued through utilization of federally funded Comprehensive Employment and Training Act (CETA) personnel. Approximately 90 persons were employed in various classifications distributed throughout the Engineering Department during 1975. The most visible accomplishments were activities of those in the day labor program. The 30 employees, including five women, planted nearly 1,500 street trees, considerable landscaping ground cover plants, and lawn turf. These personnel were also employed in the development of street end parks around Lake Union, in the installation of 280 wheelchair ramps, two concrete stairways, and 1,300 square yards of sidewalk paving and curb repair. In the case of sidewalk paving and curb repairs, the property owner paid only for materials and sawcutting for tree pits. The subsequent saving to the taxpayer was approximately 40% of the normal costs for this work.

The role of Traffic and Transportation Planning and Design is to provide technological response to new or developing needs which are functional to City transportation policy development and application. Considerable effort is devoted to concepts such as neighborhood traffic diverter systems, community and bikeway systems planning and development, corridor planning, magic carpet evaluation, wheelchair ramps, elderly and handicapped transportation, regional carpooling, impact evaluation, domed stadium access and parking, etc. Updating of the Official Seattle Traffic Code was completed.

The City carpool program developed in 1974 with 8,000 applicants, was expanded to a regional computerized carpool project with a goal of attracting 12,000 additional applicants. Agreements are being completed with the Washington State Highway Commission to open the Columbia - Cherry Reversible Ramp to carpool traffic in addition to the Metro busses. Carpool parking in the new freeway garage was also analyzed for possible subsidizing.

Two trial street closures were initiated in 1975. The 20th Ave. N.E. Bridge over Ravenna Park was closed to motor vehicle traffic on an experimental basis prior to making a permanent closure as requested by the Ravenna neighborhood. The other trial closure involved E. Prospect St. between 26th and 28th Ave. E. This street was closed for a 120-day period to determine if closure was an acceptable method for diverting arterial traffic which was using residential streets as a short cut between arterial routes. Permanent closure of both these streets to motor vehicles was recommended as a result of the trial exercise.

Arterial street resurfacing by the Washington State Highway Department within the City limits on Aurora Ave. N., Lake City Way N.E. and Empire Way S. necessitated considerable coordination of design, revision, and installation of traffic control devices. Forty-four traffic studies utilizing compressed-time video tape were completed during 1975 and 548 miles of City streets are now photologged using a 35 mm multidata camera. Special studies included classification counts, bus loading, pedestrian origin and destination, and various parking studies which will be used in analyzing future traffic adjustments in neighborhood projects. Improvements funded through the TOPICS program included signal modernization at 15 intersections, intersection redesign, safety street lighting, and pavement markings.

Traffic operation crews experienced a reduction in sign maintenance activities, primarily as a result of priority changes and reduced gas tax revenues. More than 11,300 gallons of paint, and 16,000 raised button markers were installed in the pavement marking program, a substantial reduction from previous years. Traffic signal modernization, upgrading and maintenance programs were interrupted by an Electrical workers strike the last two months of the year.

Additional parking meters were installed on Alaskan Way, Mercer St., and Harborview Hospital area. A test program was initiated to determine possible use of manual parking meters which would reduce amount of winding required with automatic meters.

Major emphasis was placed on the City's "Stabilize and Sealcoat" program during 1975. A total of 101 miles of residential streets were given a one-inch stabilizing cost of asphalt and 20 miles of streets were given a sealcoat. Other asphalt resurfacing work included nearly three miles of arterial routes, plus more than two miles of three-inch lift asphalt on residential streets financed through Local Improvement Districts.

Concrete work included repair of 14,461 utility cuts in addition to curb, sidewalk landing, and street panel repairs. Routine street maintenance included flushing and sweeping of 57,000 curb miles, and picking up of 17,000 cubic yards of debris from street area. Seven hundred street litter receptacles were emptied on a regular basis.

Landscape crews maintained 14,000 street trees and 65 acres of landscaping at interchanges, freeway periphery areas, and 33 "green triangles" in street areas. Approximately 1,500 new street trees were planted during 1975, including 800 in the Leschi Neighborhood, 425 on S. Connecticut St. in the vicinity of the Domes Stadium, and 270 on Rainier Ave. S. which nearly completes a 6-mile planting project on this arterial route.

Nearly 315,000 tons of solid waste material were received at the City's two refuse transfer stations during 1975. 253,500 passenger vehicles were recorded at these stations in addition to the residential and private contractors. Removal of refuse to landfill sites requires a fleet of 25 tractors, and 47 trailers. In the recycling program 1,200 tons of metal, 526 tons of glass, and 491 tons of paper were recycled at the transfer stations during 1975.

The sewer system maintained by the Seattle Engineering Department includes 1,017 miles of combined sewers, 326 miles of storm drains, and 81 sewerage lift pumping stations. Seventy-three miles of sewers were inspected with closed circuit television. Rodding equipment was used to cut roots in 286 miles of sewers, hydraulic jet machines cleaned 144 miles and removed 171 cubic yards of sand. Eighty-four sewer repairs were completed, four classified as emergencies, and 272 calls were made to adjust and answer service charge complaints. Ten investigations were made of pollution in waterways, with the offenders being contacted and advised to adopt corrective measures.

The Street Use and Permit Section of the Engineering Department issued 1,632 Side Sewer Permits, 2,399 Street Use Permits, and renewed 5,924 permits. Field investigators completed 4,469 side sewer inspections, and 45,214 street use and related investigations.

The Franchise and Utilities Section, which examines plans, issues permits, and supervises all construction work by utility companies within street area, received revenues for these and other billing activities during 1975 totalling \$413,866, an increase of nearly 13% over the previous year.

Seattle Engineering Department employees drove 6,025,555 miles in 586 vehicles assigned to the Department, in addition to considerable mileage in City pool cars. They were involved in 55 preventable traffic accidents, which is an 8% decrease under the previous year. The Industrial accident frequency rate of 15.14 per million manhours was based on 2,179,705 hours of exposure. The safety program has been improved through monthly meetings specifically geared to the operation of each section activity.

Some public works projects in the City's Capital Improvement Program (CIP) have been postponed temporarily resulting from increased material and labor costs, and reduced revenue. Although some activities have been curtailed, the Seattle Engineering

Department will be advertising numerous public works contracts during 1976.

We are confident that the Seattle Engineering Department with it's major reorganization effective February 1, 1976, will continue to demonstrate greater efficiency, progress, and leadership in public works activities during the year.

Very truly yours,

*Paul A. Wiatrak*

PAUL A. WIATRAK, P.E.  
City Engineer

EAS:lg

GENERAL FUND  
1975 EXPENDITURES

	<u>LABOR</u>	<u>MATERIALS</u>	<u>EQUIPMENT</u>	<u>TOTAL</u>
Street Use & Occupation Permits & Investigation	256,693.07	2,734.10	13,349.30	272,776.47
Civic Activities	45,677.23	840.37	2,416.40	48,934.00
General Fund Administration	29,782.39	2,335.95	242.66	32,361.00
Street Maintenance Supervision & General Costs	726,967.26	40,386.83	69,805.93	837,160.02
Street Repair & Preventative Maintenance	518,992.46	86,059.20	88,974.10	694,025.76
Street Cleaning	654,469.23	146,980.67	274,682.10	1,076,132.00
Sidewalk and Stairway Maintenance	36,087.90	7,669.36	5,052.98	48,810.24
Drainage Maintenance	571,713.89	45,348.69	95,815.42	712,878.00
Slide Control	75,244.07	13,858.09	8,213.99	97,316.15
Bridge & Viaduct Operation & Maintenance	712,805.67	128,225.28	39,753.76	880,784.71
Landscape Maintenance	379,650.59	185,972.24	74,228.60	639,851.43
Snow & Ice Control	22,514.08	32,779.59	4,460.67	59,754.34
Franchise & Utilities	305,948.26	143.16	17,977.58	324,069.00
Engineering Records	119,181.56	13,032.48	272.96	132,487.00
Mapping	102,761.90	678.62	11.00	103,451.52
Court & Right of Way	103,908.03	9,206.95	509.51	113,624.49
Street Vacation Processing	96,011.01	2,296.17	136.50	98,443.68
Monuments & Surveys	111,421.84	1,064.08	2,370.84	114,856.76
Abstracting	30,310.12	2,258.38	144.50	32,713.00
Laboratory Testing	35,689.34	7,216.38	26.00	42,931.72
	<u>4,935,829.90</u>	<u>729,086.59</u>	<u>698,444.80</u>	<u>6,363,361.29</u>
LID and Construction Costs Not Recovered				94,000.00
Unreimbursed Engineering Services				<u>165,125.00</u>
				6,622,486.29
<u>Capital Outlay</u>				
Perkins Lane Retaining Wall				7,062.76
Street Tree Planting Program				6,100.76
Public Access Lake Union				<u>24,368.42</u>
				<u>6,660,018.23</u>

TOTAL GENERAL FUND EXPENDITURES

ENGINEERING DEPARTMENT OPERATING FUND

FINANCIAL STATEMENT - 1975

Revenue

Total Bills Rendered  
 Less Sundry Credit Adjustments  
 NET BILLINGS

21,413,781.20  
103,035.43

21,310,745.77

Expenditures

Work in Progress, 1-1-75  
 Inventory, 1-1-75  
 Labor  
 Vouchered Expenditures

2,363,715.80  
 463,780.32  
 12,850,456.23  
9,257,111.88

24,935,064.23

Less Work in Progress, 12-31-75  
 Inventory, 12-31-75

3,028,811.97  
645,213.48

3,674,025.45

TOTAL EXPENDITURES

21,261,038.78

INCREASED WORKING CAPITAL

49,706.99



THE CITY OF SEATTLE  
ENGINEERING DEPARTMENT

MEMORANDUM

*Central File*  
CSS 25.3

TO: HOLDERS OF 1975 ENGINEERING DEPARTMENT ANNUAL REPORT      DATE: JULY 14, 1976

FROM: C. T. CRISCOLA *CTC*

SUBJECT: REVISED PAGE 8

Please glue or staple this revised Page 8 over the one in the published report. An error was discovered in the "Bills Rendered" figure that resulted in the revision.

CTC:jm

ENGINEERING DEPARTMENT OPERATING FUND

FINANCIAL STATEMENT - 1975

<u>Revenue</u>		
Total Bills Rendered	21,311,390.53	
Less Sundry Credit Adjustments	<u>103,035.43</u>	
NET BILLINGS		21,208,355.10
<u>Expenditures</u>		
Work in Progress, 1-1-75	2,363,715.80	
Inventory, 1-1-75	463,780.32	
Labor	12,850,456.23	
Vouchered Expenditures	<u>9,257,111.88</u>	24,935,064.23
Less Work in Progress, 12-31-75	3,028,811.97	
Inventory, 12-31-75	<u>645,213.48</u>	
TOTAL EXPENDITURES		<u>3,674,025.45</u>
DECREASED WORKING CAPITAL		<u>21,261,038.78</u>
		<u>(52,683.68)</u>

ENGINEERING DEPARTMENT OPERATING FUND

ANALYSIS OF 1975 EXPENDITURES

PAYROLL AND FRINGE BENEFITS:

Payroll	12,850,456.23
Social Security	656,687.42
Pensions	852,600.91
Health Care	633,000.00
Industrial Insurance	108,054.60
Group Term Life Insurance	27,000.00

TOTAL PAYROLL AND FRINGE BENEFITS 15,127,799.16

MAINTENANCE AND OPERATIONS:

Rental	279,772.27
Utilities	148,946.15
Expert and Consultant Services	204,613.32
Computer and Miscellaneous Professional Services	534,227.76
Office Supplies	67,576.24
Printing	54,978.72
Advertising	7,219.98
Private Auto Mileage	25,047.04
Automobile Expense	234,488.14
Construction Equipment Repairs	1,037,205.27
Office Furniture and Equipment Repairs	16,570.79
Radio Maintenance	47,167.86
Interest on General Fund Loan	15,000.00
Insurance	4,911.00
Damage Claims	33,145.81
Miscellaneous Expenses	24,691.38

TOTAL MAINTENANCE AND OPERATIONS 2,735,561.73

MATERIALS AND SUPPLIES:

Operating Supplies	190,459.20
Repair and Maintenance Supplies	3,023,584.05

TOTAL MATERIALS AND SUPPLIES 3,214,043.25

FUEL COSTS:

Gasoline	300,071.77
Diesel Oil	27,946.35
Heating Oil	6,368.35
Other Fuel Expenses Except Natural Gas	8,604.98

TOTAL FUEL COSTS 342,991.45

ENGINEERING DEPARTMENT OPERATING FUND

ANALYSIS OF 1975 EXPENDITURES (Cont.)

FINANCIAL TRANSACTIONS

Payment on Inventory Acquired from General Services	99,335.76
R.H. Thomson Property Rental Income Transferred to Seattle General Street Improvement Fund - 1960	<u>45,052.56</u>
TOTAL FINANCIAL TRANSACTIONS	<u>144,388.32</u>

EQUIPMENT AND CAPITAL OUTLAYS:

Land	185.00
Buildings	7,861.10
Machinery and Equipment	396,959.35
Miscellaneous Tools and Equipment	65,360.52
Office Furniture and Equipment	34,738.59
Radio Equipment	37,165.77
Photographic Equipment	<u>513.87</u>

TOTAL EQUIPMENT AND CAPITAL OUTLAYS 542,784.20

TOTAL OPERATING FUND EXPENDITURES 22,107,568.11

CITY STREET FUND

ANALYSIS OF 1975 EXPENDITURES

TRAFFIC AND TRANSPORTATION DIVISION:

1. Transportation Planning		77,953.17
a. Current Planning	66,424.73	
b. Transportation System Analysis	11,528.44	
2. Transportation Design		17,513.09
a. Traffic Design	13,391.07	
b. TOPICS and FAM Program Preparation	3,105.50	
c. Street Lighting	1,009.34	
d. Street Furniture	7.18	
3. Traffic Miscellaneous Construction Activity		19,401.85
a. Temporary Walkway Construction	9,999.89	
b. Traffic Widening and Channelization	9,401.96	
4. Traffic Control		283,772.72
a. Engineering Operations & Related Records	149,965.40	
b. Signing and Related Records	51,059.75	
c. Curb Space Useage and Related Records	21,980.07	
d. Truck Control and Code Enforcement	60,767.50	
5. Signal and Electrical Devices		83,059.05
a. Engineering Design	4,562.90	
b. Engineering Operations and Related Records	78,496.15	
6. Traffic Support Services		227,430.70
a. Data Collection Studies and Related Records	104,104.44	
b. Data Information Service	77,531.36	
c. Accident Records	45,794.90	
7. Administration		38,846.36
a. Traffic Safety Programs	16,917.51	
b. Traffic and Transportation Administration	21,928.85	
8. Credit Received For Traffic Code Update Project		(16,891.23)
Total Traffic & Transportation Expenditures		<u>731,085.71</u>

TRAFFIC SHOP AND FIELD OPERATIONS DIVISION

1. Shop and Field Operations		1,249,122.69
a. Signal Installation, Removal, Renovation and Maintenance	475,498.60	
b. Miscellaneous Electrical Devices - Installation, Removal & Maintenance	41,999.64	
c. Signing Manufacture, Installation, Removal & Maintenance	272,378.46	

CITY STREET FUND

(ANALYSIS OF 1975 EXPENDITURES (Cont.))

TRAFFIC SHOP AND FIELD OPERATIONS DIVISION (Cont.):

d. Channelization - Installation, Removal & Maintenance	16,019.47	
e. Pavement Marking - Maintenance	171,045.02	
f. Fences & Guard Rails - Installation, Removal & Maintenance	28,187.31	
g. Hidro Cushion - Installation & Maintenance	3,552.33	
h. Lakeway Access Control	19,043.62	
i. Reversible Lane Operation	34,089.28	
j. Parking Meter, Installation, Removal, Maintenance & Hooding	165,110.73	
k. Traffic Shop	19,583.35	
l. Traffic Tool Maintenance	2,614.88	
2. Administration		260,409.41
a. Supervision & Support Activities	260,409.41	
Total Traffic Shop & Field Operations		<u>1,509,532.10</u>

<u>MAINTENANCE OF AND REPAIR TO:</u>	<u>ORDINANCE</u>	<u>AMOUNT</u>
Roadway & Sidewalk Maintenance	104064	685,012.94
Construction Jobs Paving Restoration	102681	<u>4,938.81</u>
Total Maintenance and Repair		689,951.75

<u>PRELIMINARY SURVEYS AND STUDIES</u>		
Landscape Design Studies	104064	5,299.46
Arterial Planning and Priority Studies	104064	105,131.03
Bicycle Paths and Pedestrian Walkways	104064	32,911.46
Pioneer Square Sidewalk Survey	101733	17,439.03
Temporary Closure of 20th Ave. N.E. Bridge	104294	<u>11,142.00</u>
Total Preliminary Surveys & Studies		171,922.98

<u>NEW CONSTRUCTION</u>		
Jefferson St. Sidewalks & Landscaping	100928	870.88
Boyd Place S.W. Landslide Control	102662	<u>3,311.18</u>
Total New Construction		4,182.06

<u>LAND AND RIGHT OF WAY</u>		
Acquisition of Property for S. Eddy Street	102589	1,325.33

<u>FINANCIAL TRANSACTIONS</u>		
Reimburse UAB for Bay Freeway R/W Acquisition	103485	438,784.83
Reimburse State for Golf Drive South Widening	104174	999.14
Reimburse City Light for Street Light Improvements in Aid to W. Viewmont Way LID 6434	103664	4,280.00

CITY STREET FUND

ANALYSIS OF 1975 EXPENDITURES (Cont.)

FINANCIAL TRANSACTIONS (Cont.)

Reimburse City Light for Street Light Improvements in Aid to Magnolia Blvd. LID 6557	104895	5,350.00
Reimburse City Light for Street Light Improvements in Aid to W. Howe Street LID 6531	104894	2,000.00
Aid to LIDS: 6578	103010	40,550.00
6592	102333	3,000.00
6599	102533	7,745.00
6600	102535	3,920.00
6601	102572	10,450.00
6603	102579	7,050.00
6604	102581	2,640.00
6606	102585	9,440.00
6607	102587	1,955.00
6610	102724	66,120.00
6611	102756	2,280.00
6614	102762	2,525.00
6617	102840	17,753.00
6618	102950	1,845.00
6620	102949	1,765.00
6622	103041	2,525.00
6626	103287	1,460.00
6629	103412	620.00
<b>Total Financial Transactions</b>		<b>635,056.97</b>
<b>TOTAL CITY STREET FUND EXPENDITURES</b>		<b><u>3,743,056.90</u></b>

## EMERGENCY FUND

ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
<u>Non-Reimbursable Ordinance:</u>		
91183	Installation of Water Meters to City Facilities	844.51
102899	Street Project Duwamish Valley	3,451.10
104324	Landslide Control	14,000.00
104692	Signs to University of Washington Parking	734.74
104876	No Parking Signs Montlake Neighborhood	2,700.00
105011	Mass Transit Alternatives to Interstate 90	8,132.02
105046	Motion Picture Program	<u>2,000.00</u>
		31,862.37
<u>Reimbursable Ordinances:</u>		
101987	Traffic Code Revision	195.09
102138	Traffic Control Manual for In-Street Work Areas	5,595.19
102292	Bicycle Safety Study Program	9,847.25
103271	Traffic Sign Standardization Program	2,512.34
103363	Regional Car Pooling System	169,711.55
103391	Safety Traffic Program	47,145.97
103585	Repair Monorail Terminal	81,993.13
104115	Overhead Transit Wires	11,100.31
104211	Reimburse UAB - S.W. Roxbury Unit A	15,244.95
104286	Storm Sewer Pike Place Project	625,411.26
104310	N.W. Market Street Lighting Standards	70,000.00
104334	Purchase Parking Meters	80,448.26
104506	Magic Carpet Evaluation	14,480.34
104522	Stadium, CBD Traffic Control Plans	81,599.51
104653	E.I.S. Trolley Route Extension	8,875.24
104806	10th Avenue South Paving	4,370.13
104808	Commuter Pool Program	53,128.25
105038	Hi-Dro Cushion Plans and Installation - Miscellaneous Locations	<u>7,917.97</u>
		1,289,576.74
<b>TOTAL EMERGENCY FUND EXPENDITURES</b>		<u><u>1,321,439.11</u></u>

ARTERIAL CITY STREET FUND  
ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
<u>Reconstruction:</u>		
104064	Asphalt Paving Project	945,436.00
103226	Resurface Alaska Way/University Street	18,900.35
104741	Seal Coating Program	<u>989,646.39</u>
	Total Reconstruction	1,953,982.74
<u>Design and Studies:</u>		
98503	West Seattle Freeway	25,291.80
100513	TOPICS 2 Signals Planning	12,270.47
101197	Holman Road N.W. Bridge	3,149.28
101238	South Connecticut Street Plans	21,182.42
101308	Yesler - 5th Avenue Bridge Plans	10,778.04
101309	Yesler - 4th Avenue Bridge Plans	20,000.38
101607	N.E. 45th Viaduct E. Approach Planning	60,508.73
102102	23rd and East Jefferson Pedestrian Overpass	9,071.72
102071	Rainier and Empire Way Pedestrian Overpass	4,263.86
102766	West Seattle Freeway Plans	38,586.95
102780	New Traffic Control System	321,069.79
103083	Lake City Way Traffic Lights	127.91
103181	Slide - Bonair Drive	23,300.47
103665	5th Avenue Street Trees	8,450.04
103858	Alki Avenue Southwest Improvement	1,235.48
103860	Pike and Pine Street Improvements	14,054.35
104249	Parking Alki Avenue	4.06
104407	Pedestrian Safety Lighting I Project	6,951.62
104612	Parking Alki Avenue	17,637.00
104969	Bicycle Spot Safety Improvement Program	4,764.45
104509	Hi-Dro Cushions III Program	<u>12,058.00</u>
	Total Design and Studies	614,756.82
<u>New Construction:</u>		
99743	First Hill Street Light Undergrounding	1,882.29
99928	Underground St. Lighting & Signals - 23rd Avenue	27,203.13
100183	5th Avenue North - Denny - Valley	24,655.60
100441	TOPICS 1 and 2 Street Lighting	11,869.32
100473	W. Marginal Way S.W. - Unit B	278.25
100629	Traffic Control Improvements TOPICS 1	3,448.55

ARTERIAL CITY STREET FUND

ANALYSIS OF 1975 EXPENDITURES (Cont.)

New Construction (Cont.)

101044	Meridian Avenue North - Northgate Way Widening	18,490.05
101167	Improve Street Lighting	142,215.77
101211	Roy Street and 3rd Avenue West	1,644.59
101447	S.W. Roxbury Unit "B" Improvements	16,063.40
102039	Spokane Bridge Piers	3.90
102119	Pioneer Square Improvements	1,411.39
102173	South Connecticut Street Improvements	301,938.47
102208	Traffic Control System	60,757.39
102664	S.W. Jacobson Road Slide Control	8,267.74
102733	Hi-Dro Cushions - TOPICS 2	57.33
102894	Pedestrian Overpass, Rainier and Empire Way South	158,415.75
102913	West Seattle Freeway Barrier	13,551.65
102914	Spokane Street South East Bridge	1,213,037.56
102963	Construct Magnolia Bridge East Half	930,035.37
102984	Holman Road N.W. Bridge	338,057.13
103061	Transit Spot Improvements	22,940.96
103102	Traffic Control, 15th Avenue Northwest	37,206.45
103152	New Signals, 8th Avenue N.E. and Various Modrns	25,807.57
103291	6th Avenue & Battery St. to Aurora Construction	113,795.68
103918	Pedestrian Overpass, Rainier and Empire Way South	11,146.05
104114	South Spokane St. Signal Improvement Project	6,423.14
104175	School and Pedestrian Signal Installations	1,685.16
104355	Resurface Ballard Bridge	53,493.06
104374	Pedestrian Overpass, Rainier and Empire Way South	813.13
104585	Pedestrian Crosswalk and Traffic Signal Improvements	26,309.75
104613	Lake Union Access	60,108.04
104635	N.E. 45th Viaduct East Approach	216,689.70
104637	Yesler - 4th Avenue Bridge	135,416.49
104773	Wheelchair Ramps	27,512.05
104867	20th Avenue South Widening	259,374.45
104959	Signal Modernization Program	35,074.49
104970	Hi-Dro Cushion - Alaskan Way and Western	439.75
	<b>Total New Construction</b>	<b>4,307,520.55</b>

Land and Appraisal Costs:

99362	R/W Acquisition - S.W. Roxbury Widening "B"	599.01
95360	R/W Acquisition - N.E. Pacific Avenue	2,250.00
102070	R/W Acquisition - Rainier Avenue S. - Mount Baker Blvd	1,457.17
102101	R/W Acquisition - 23rd & E. Jefferson Pedestrian Overpass	3,282.92
102663	Acquire Property & Rights - Slide Control	272.04
103617	R/W Acquisition - 40th Avenue South Widening	5,778.05
	<b>Total Land and Appraisal Costs</b>	<b>13,639.19</b>

ARTERIAL CITY STREET FUND

ANALYSIS OF 1975 EXPENDITURES (Cont.)

Pavement Marking Demonstration Program:

104558	Phase 1 - Traffic Lane Marking	21,635.51
104559	Phase 2 - Centerline Buttons and Markers	894.03
104559	Phase 3 - Plastic Crosswalk Lines	305.22
104559	Phase 4 - Plastic School Legends	3,018.62
104559	Phase 5 - Plastic Street Markings	<u>1,388.10</u>
	<b>Total Pavement Marking Demonstration Costs</b>	<b>27,241.48</b>

Financial Transactions:

104176	Repay UAB - W. Marginal Way S.W. Unit B	20,305.13
104464	Repay UAB - Bay Freeway Rent	39,614.69
103082	Aid to LID 6619	21,000.00
103528	6603	6,480.00
103529	6612	995.00
103530	6622	1,615.00
103558	6606	11,095.00
103559	6607	2,395.00
103560	6613	2,045.00
103561	6614	1,610.00
103563	6617	402,947.00
103514	6635	13,675.00
103649	6627	2,240.00
103650	6628	27,985.00
103651	6629	13,270.00
103717	6636	27,615.00
103720	6623	3,705.00
103722	6625	1,535.00
103737	6638	6,800.00
103847	6641	20,935.00
103849	6642	5,515.00
103851	6643	5,600.00
103853	6644	10,655.00
103855	6645	17,700.00
103908	6646	6,525.00
103810	6640	10,605.00
104189	6581	2,175.00
104229	6604	820.00
104231	6611	2,110.00
104233	6620	1,290.00
104254	6619	3,050.00
104397	6633	8,040.00
104418	6599	2,758.62
104422	6618	1,640.00
104864	6652	8,000.00
105001	6633	<u>28,940.00</u>

**Total Financial Transactions** 743,285.44

**TOTAL ARTERIAL CITY STREET FUND** 7,660,426.22

ARTERIAL DEVELOPMENT FUND  
ANALYSIS OF 1975 EXPENDITURES

Design and Studies

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
101234	Rainier Ave. S. Trees	20,290.78
101339	Montlake Blvd N.E. Street Lighting	110.75
101539	Aurora Ave. N. Tree Planting	9,421.59
101549	15th Ave. South Tree Planting	17,806.13
101682	University District Street Trees	11,241.80
103859	Transit Lanes Central Business District	43,046.29
103939	Widen S. Washington Street	29,392.70
104091	College Way N. Project	16,583.39
104432	Pike/Pine Traffic Project	20,614.71
104505	Rainier Ave. Street Trees	17,086.02
104580	N. 45th Street Trees	5,466.10
104610	Art. St. Lighting Program	<u>29,652.60</u>
	Total Design & Studies	220,712.86

Construction

98137	Tree Growing Contract	681.90
98916	Landscaping - N.E. 125th Street	6,708.68
99660	Plant Street Trees	2,746.95
100610	16th S.W. Unit A Improvements	7,127.30
101001	Aurora Ave. Barrier Unit 1	68.75
101001	Aurora Ave. Barrier Unit 2	23,118.55
101001	Aurora Ave. Barrier Unit 3	568.38
102318	N. Northgate Way Widening	4,000.10
102469	Undergrounding Delridge Way S.W.	96,460.27
102682	W. Marginal Way S.W. Unit A	2.84
102960	Construct Green Triangles	105.30
103085	Plant Trees - 4th Ave.	657.16
103266	Underground Wiring	449,608.37
103487	Denny Way Traffic Signs	86,755.52
103580	16th Ave. S.W. Arterial #B	886,626.44
104150	Green Triangles Construction	36,285.72
104379	N.W. Market St. Street Trees	13,621.04
104557	Imprv. S.W. Spokane St. Traffic Control	<u>323,108.78</u>
	Total Construction	1,938,252.05

Land and Right of Way

99410	Acquisition Property for N. Northgate Way Widening	206.43
99920	Acquisition Property for 16th S.W. & Holden	31,653.18
100007	College Way N. Right of Way	1.50
102767	Acquisition Property for Denny Way/Western . Signals	1,271.76
102768	Acquisition Property for Aurora/Denny Paving Project	<u>6,877.99</u>
	Total Land and Right of Way	40,010.86

ARTERIAL DEVELOPMENT FUND  
ANALYSIS OF 1975 EXPENDITURES (Cont.)

Financial Transactions

102872	ACSF N.E. Pacific Street	24,000.00
	Total Financial Transactions	24,000.00
	TOTAL ARTERIAL DEVELOPMENT FUND EXPENDITURES	<u>2,222,975.77</u>

FEDERAL SHARED REVENUE

ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
<u>Construction Projects:</u>		
101999	Concrete Repair	55,744.73
101999	Pavement Repair	5,533.01
101999	Culverting for Thornton and Longfellow Creeks	18,605.57
103618	Remove Railroad Crossings	2,667.97
104520	Tree Planting	<u>1,410.21</u>
	Total Construction	83,961.49
<u>Financial Aid to LID's</u>		
103719	Aid to LID 6489	6,195.00
103723	6625	10,535.00
103725	6626	1,430.00
103738	6638	3,520.00
103813	6636	1,785.00
103814	6630	2,390.00
103817	6631	3,280.00
103818	6631	10,840.00
103820	6633	10,510.00
104149	6552	3,275.00
104172	6570	1,655.00
104173	6573	1,915.00
104393	6612	5,575.00
104394	6613	2,625.00
104395	6623	4,575.00
104396	6625	7,130.00
104467	6603	<u>3,910.00</u>
	Total Financial Aid to LID's	<u>81,145.00</u>
	TOTAL FEDERAL SHARED REVENUE EXPENDITURES	<u>165,106.49</u>

SEATTLE GENERAL STREET IMPROVEMENT BONDS - 1960 FUND

ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
<u>Design and Studies:</u>		
103747	Survey Bridges and Viaducts	75,821.34
103913	Magnolia Bridge West Half Rehabilitation	16,436.18
103914	Ballard Bridge Resurfacing	6,433.36
104055	North 41st Street Pedestrian Overpass Rehabilitation	5,887.02
104521	W. Howe Street Bridge Repair	16,837.00
104632	Yesler - 4th Avenue Bridge Plans	17,532.82
104633	Yesler - 5th Avenue Bridge Plans	55,190.98
Total Design and Studies		194,138.70
<u>New Construction:</u>		
103488	Yesler - 4th Avenue Bridge	118,646.53
103554	Magnolia Bridge East Replacement	373,932.51
103555	Relocate Magnolia Station	60,430.95
103615	Spokane St. S.W. South Bridge Replacement	105,082.62
104507	North 41st Street Pedestrian Overpass Rehabilitation	22,821.87
104508	Magnolia Bridge West Half Rehabilitation	109,242.73
Total New Construction		788,157.21
<u>Reimbursements to Arterial City Street Fund</u>		
102914	Spokane St. S.W. South Bridge Replacement	143,786.00
102963	Magnolia Bridge East Half Rehabilitation	136,823.00
Total Reimbursements		280,609.00
TOTAL 1960 BOND FUND EXPENDITURES		<u>1,262,904.91</u>

WATERWAY OPERATIONS AND MAINTENANCE FUND

ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
102906	Clean-up Waterway #18	<u>3,500.24</u>

MUNICIPAL SEWER BONDS - 1971 CONSTRUCTION FUND

ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
<u>Design and Studies:</u>		
103439	Boyd Place S.W. Sewer	84.55
103591	Stacy Street Sewer	<u>5,427.44</u>
Total Design and Studies		5,511.99
<u>Construction:</u>		
102799	University Sewer Separation	6,192.02
102836	Alaskan Way Sewer System	9,785.07
103221	S.W. Kenyon Street Sewer	83,446.31
103823	1st Avenue N.E. Sewer	80,078.97
104329	Empire Way S. Sanitary Sewer Interceptor	117,576.47
104456	Fox Avenue S. Sanitary Sewer	<u>1,542,019.39</u>
Total Construction		1,839,098.23
<u>Land and Right of Way:</u>		
102705	Perkins Lane Sanitary Sewer Easements	5,137.10
103177	S.W. Kenyon Street Sewer Connection	97.54
103682	Fox Avenue South Sewer Easements	6,075.21
103697	Dartmouth Avenue West Sewer Easement	1,291.79
103899	21st Avenue S.W. Sewer Easements	15,616.73
104052	S. Concord Street Sewer Easements	772.28
104054	S. Monroe Street Sewer Easements	18,630.34
104578	W. Galer Street Sewer Easements	1,707.78
104763	S.W. Kenyon Street Sewer Easements	25,403.63
104892	S. Victor Street Sewer Easements	9,387.47
105035	S. Monroe Street Sewer Easements	<u>555.66</u>
Total Land and Right of Way		84,675.53
<u>Financial Transactions:</u>		
100854	Aid to LID 6655	25,063.34
102703	6594	5,544.28
102841	6617	27,500.00
104164	6648	183,128.39
104493	6655	28,011.16
104498	6657	<u>75,000.00</u>
Total Financial Transactions		344,247.17
TOTAL MUNICIPAL SEWER 1971 BOND FUND EXPENDITURES		<u><u>2,273,532.92</u></u>

## SEWER IMPROVEMENT FUND

ANALYSIS OF 1975 EXPENDITURES

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
104577	13th Ave. S. Sew Sep	12,500.00
104707	Lk Union Unit 1, Cont 3	493,844.89
104891	Queen Anne West Unit 1, Cont 3	3,041.15
104942	25th Ave. S. Contr 6B	287.00
104965	S. College St, Cont 6B	24,557.03
99789	Lk Wash Sep Contr 6	235.07
99789	Ballard Sep U 1 Contr 4	1,427.51
100081	Ballard U 1 Contr 3	467.21
101427	Plan Separation Projects	246,888.13
101803	Lk Washington Central R/W Sep Contr 3	400.00
102116	West Seattle - Alki Sep Contr 4	2,053.53
102163	West Seattle-Alki Easements Sep Contr 7	(4,286.97)
102167	West Seattle-Alki Easement Sep Contr 6	1,700.96
102265	Lk Wash North Unit 1, Sep Contr 3	181.80
102236	Lk Wash North Unit 1, Sep Contr 1	35,890.95
102463	West Queen Anne, U 1, Contr 1	1,319,691.15
102657	West Seattle-Alki Sep Contr 7	10,081.50
102909	Yesler - Atlantic Sewer 5	839.23
102959	Lake Union S. Sewer 1	95,988.66
103136	West Seattle Sewer Contr 13	165,035.74
103161	Rainier-Hanford Contr 7 (S. McClellan)	969,669.99
103178	Rainier-Hanford Contr 4 (S. College)	277,051.51
103210	R/Way Sewer Contr 7	164.32
103316	Sewer Longfellow Unit 1	39,393.88
103482	Lake Union S. Sewer	726.28
103483	Lake Wash. Sewer SE 6A	5,207.68
103504	13th South Sewer	29,070.49
103505	N.W. Market Sewer	16,300.31
103574	Sewer Project 13	1,117.64
103575	Alki Sewer Project 6B	116,262.94
103576	Bayview Sewer Contr 6A	716,054.62
103696	26th Ave. S.W. Sewer	16.43
103698	N.W. 54th Storm Drains	30.53
103823	1st Ave. North	160,113.12
103988	University Sep Contr 4	2,334.51
103989	Lake Wash SE Sep Contr 4	50.54
		<u>4,744,389.33</u>

Financial Transactions

	Aid to LID's	
101826	Aid to LID 6578	98,300.00
102725	Aid to LID 6610	3,450.00
102842	Aid to LID 6617	<u>7,100.00</u>
		108,850.00

SEWER IMPROVEMENT FUND

ANALYSIS OF 1975 EXPENDITURES (Cont.)

<u>ORDINANCE</u>	<u>PROJECT</u>	<u>AMOUNT</u>
	Transferred to Arterial City Street Fund	
101166	Olson Place S.W. Roxbury Improvement	81.00
101932	5th Ave. North Widening	<u>3,458.00</u>
		3,539.00
	<b>TOTAL SEWER IMPROVEMENT FUND EXPENDITURES</b>	<b><u>4,856,778.33</u></b>

## SEWER UTILITY

COMPARATIVE STATEMENT OF INCOME AND RETAINED EARNINGS  
FOR THE YEARS ENDED DECEMBER 31, 1974 AND 1975

<u>OPERATING REVENUES:</u>	<u>1975</u>	<u>1974</u>
Sewer Service Charges:		
Residential & Commercial	17,964,653.30	12,894,005.70
Municipal Sewer Services	<u>273,000.00</u>	<u>240,000.00</u>
Total Sewer Service Charges	18,237,653.30	13,134,005.70
Side Sewer Permits	67,090.60	77,228.95
Special Sewer Connection Charges	30,163.40	17,696.40 (1)
Rents from Sewer Property	1,076.00	450.00
Other Sewer Revenues	<u>2,350.00</u>	<u>1,125.00</u>
TOTAL OPERATING REVENUE	<u>18,338,333.30</u>	<u>13,230,506.05</u>
<u>OPERATING EXPENSES:</u>		
Sewage Treatment and Disposal	12,248,657.30	9,363,920.55
Collection and Transmission	1,184,875.60	940,454.64
Pumping Stations	239,991.98	219,758.56
Customer Accounts Expense	474,331.62	331,190.11
Administrative and General Expense	638,144.75	511,000.94 (1)
Taxes	1,563,490.26	990,032.55 (1)
Depreciation of Plant in Service	<u>1,148,715.14</u>	<u>1,032,158.66 (1)</u>
TOTAL OPERATING EXPENSES	<u>17,498,206.65</u>	<u>13,388,516.01</u>
PROFIT (LOSS) FROM OPERATIONS	840,126.65	(158,009.96)
<u>OTHER INCOME:</u>		
Interest Earned - Investments & Contracts	292,357.58	219,780.80
Gain on Disposition of Property	<u>180.00</u>	<u>15.00</u>
TOTAL OTHER INCOME	<u>292,537.58</u>	<u>219,795.80</u>
PROFIT BEFORE OTHER EXPENSE	1,132,664.23	61,785.84
<u>OTHER EXPENSES:</u>		
Interest on Revenue Bonds	507,617.74	366,907.52
Less: Interest Charged to Construction	<u>(15,660.84)</u>	<u>(34,665.72)</u>
Net Interest Expense	491,956.90	332,241.80
Amortization of Bond Discount	11,361.86	9,267.05
Misc. Income Deductions	<u>5,688.00</u>	<u>2,240.00</u>
TOTAL OTHER EXPENSES	<u>509,006.76</u>	<u>343,748.85</u>
Income Before Prior Years Item		(281,963.01)
Income Applicable to Prior Years		<u>4,273.02</u>
NET EARNINGS (LOSS) FOR THE YEAR	<u>623,657.47</u>	<u>(277,689.99)</u>
RETAINED EARNINGS ON 1-1	<u>847,452.81</u>	<u>1,125,142.80</u>
RETAINED EARNINGS ON 12-31	<u>1,471,110.28</u>	<u>847,452.81 (1)</u>

(1) Items vary from 1974 published report due to 1974 audit being completed after going to press

SEWER UTILITY  
COMPARATIVE BALANCE SHEET

ASSETS

<u>UTILITY PLANT:</u>	<u>1975</u>	<u>1974</u>
Utility Plant in Service:		
Collection and Transmission Plant	82,739,397.41	74,813,385.97 (1)
Pumping Plants	3,394,375.11	3,051,263.46
Miscellaneous Plant and Equipment	255,763.62	222,359.23
Total Plant in Service	86,389,536.14	78,087,008.66
Less Accumulated Depreciation	(27,261,440.51)	(25,214,378.31) (1)
Net Plant in Service	59,128,095.63	52,872,630.35
Land and Land Rights	759,024.63	538,085.75
Construction Work in Progress	2,186,398.93	487,158.98
	62,073,519.19	53,897,875.08
 <u>OTHER PROPERTY AND INVESTMENTS:</u>		
Bond Interest Redemption, Parity, & Reserve Funds:		
Cash Deposited with City Treasurer	3,142.35	4,865.79
Investments - U.S. Securities	1,101,965.15	671,091.71
Interest Receivable	23,022.00	16,569.97
	1,128,129.50	692,527.47
 <u>CONSTRUCTION FUNDS:</u>		
Cash Deposited with City Treasurer	281,749.66	157,957.27
Investments - U.S. Securities	5,505,165.86	1,550,000.00
Interest Receivable	155,834.75	24,158.32
Less: Encumbrance Shown under Current Assets	(113,651.15)	(14,910.23)
	5,829,099.12	1,717,205.36
 <u>CURRENT ASSETS:</u>		
Cash Deposited with:		
City Treasurer:		
Operating Funds (incl. \$2,000 deposit)	2,991,574.84	3,369,366.45
Bond Interest & Redemption	331,847.50	
Fiscal Agent for Bond Int. & Red.		312,764.00
Accounts Receivable - Customers	2,466,428.17	1,665,894.07
Estimated Unbilled Sewer Service	1,071,000.00	1,070,000.00
Due from other Agencies and Misc.	37,989.61	66,402.06 (1)
Contracts & Notes Due within One Year	7,489.30	9,395.58
Assessments Receivable	18,635.60	
Less: Provision for Uncollectible Accounts	(14,135.01)	(24,297.41)
Plus: Amount Encumbered by Const. Funds	113,651.15	14,910.23
	7,024,481.16	6,484,434.98
 <u>DEFERRED DEBITS:</u>		
Preliminary Surveys & Investigations	304,568.87	463.88 (1)
Contracts & Notes Receivable Over One Year	22,921.78	40,601.90
Prepaid Sewage Treatment Expense	14,681.05	
Unamortized Bond Discount	208,935.49	110,475.95
Receivable From King County - Lk. City U.L.I.D.'s	76,680.63	
Miscellaneous Deferred Debits	46,590.53	3,243.51 (1)
	674,378.35	154,785.24
<b>TOTAL ASSETS</b>	<b>76,729,607.32</b>	<b>62,946,828.13</b>

(1) Items vary from 1974 published report due to 1974 audit being completed after going to press

SEWER UTILITY  
COMPARATIVE BALANCE SHEET  
LIABILITIES AND RETAINED EARNINGS

<u>PROPRIETARY CAPITAL:</u>	<u>1975</u>	<u>1974</u>
Retained Earnings	<u>1,471,110.28</u>	<u>847,452.81</u> (1)
 <u>CONTRIBUTIONS BY MUNICIPALITY AND OTHERS:</u>		
Donated Capital	25,914,834.53	26,148,124.82
Contributions in Aid of Constr. from:		
Private Contractors	3,180,307.12 <sup>(2)</sup>	2,272,028.62
Local Improvement Districts	22,820,461.34	18,427,902.18
Other Municipal Funds	5,867,327.26	4,761,011.82 (1)
State of Washington	508,785.76	508,785.76
U.S. Government	1,352,523.00	580,673.00 (1)
Metro	50,000.00	50,000.00
Lake City Sewer District	282,205.26 <sup>(2)</sup>	50,000.00
	<u>59,976,444.27</u>	<u>52,748,526.20</u>
 <u>LONG-TERM DEBTS:</u>		
Sewer Revenue Bonds Outstanding	13,815,000.00	8,620,000.00
Less: Bonds Due Within One Year	(315,000.00)	(305,000.00)
	<u>13,500,000.00</u>	<u>8,315,000.00</u>
 <u>CURRENT LIABILITIES:</u>		
Accounts Payable:		
Other City Funds	741,031.93	423,115.95
Other Accounts Payable	388,825.90	142,669.65
Bonds Payable Within One Year	315,000.00	305,000.00
Accrued Bond Interest Payable	270,356.92	109,163.18
Other	3,366.72	7,348.06 (1)
	<u>1,718,581.47</u>	<u>987,296.84</u>
 <u>DEFERRED CREDITS:</u>		
Special Deposits	<u>2,000.00</u>	<u>2,000.00</u>
	<u>2,000.00</u>	<u>2,000.00</u>
 <u>RESERVES:</u>		
Injuries and Damages	<u>61,471.30</u>	<u>46,552.28</u>
<b>TOTAL LIABILITIES AND RETAINED EARNINGS</b>	<u><u>76,729,607.32</u></u>	<u><u>62,946,828.13</u></u>

- (1) Items vary from 1974 published report due to 1974 audit being completed after going to press
- (2) Lake City Sewer District acquisition distributed in Contributions in Aid to Construction accounts as follows:
- |   |                               |
|---|-------------------------------|
| Private contractors                         | \$ 850,000.00                 |
| Local Improvement Districts                 | 4,107,507.23                  |
| Lake City Sewer District (Other)            | 282,205.26                    |
| <b>Total Equity in Lake City S.D. Plant</b> | <u><u>\$ 5,239,712.49</u></u> |

## SEWER UTILITY

STATEMENT OF CONTRIBUTIONS BY MUNICIPALITY & OTHERS  
AND CHANGES IN UNAPPROPRIATED RETAINED EARNINGS  
YEAR ENDED DECEMBER 31, 1976

	<u>Contributions By Municipality &amp; Others</u>	<u>Unappropriated Retained Earnings</u>
BALANCE DECEMBER 31, 1974 - per published report	52,596,625.90	912,768.35
Adjustments to contributions & retained earnings made by auditors after going to press:		
Additional capitalization of assets	86,900.30	
Reclassification of income & expense	65,000.00	(65,000.00)
Miscellaneous adjustments		<u>(315.54)</u>
BALANCE DECEMBER 31, 1974 - as corrected	52,748,526.20	847,452.81
CONTRIBUTIONS TO FACILITIES OF THE UTILITY:		
Private Contractors	908,278.50(1)	
Local Improvement Districts	4,392,559.16(2)	
Other Municipal Funds	1,106,315.44	
Federal Contributions	771,850.00	
Lake City Sewer District	<u>48,914.97</u>	
	7,227,918.07	
PLUS: EARNINGS FOR YEAR OF 1975		<u>623,657.47</u>
BALANCE DECEMBER 31, 1975	<u>59,976,444.27</u>	<u>1,471,110.28</u>

- (1) Includes \$850,000.00 Lake City Sewer District acquisition  
(2) Includes \$4,107,507.23 Lake City Sewer District acquisition

SOLID WASTE UTILITY  
INCOME AND EXPENSE STATEMENT - YEAR ENDING DECEMBER 31, 1975

**OPERATING REVENUES:**

Solid Waste Collection Charges	8,150,251.87
Disposal Site Revenue	1,004,943.87
Recycling Waste Material	<u>26,995.04</u>

**GROSS INCOME FROM OPERATIONS** \$ 9,182,190.78

**OPERATING REVENUE DEDUCTIONS:**

Solid Waste Collection Expense	4,146,527.70
Disposal Operation Supervision	126,563.48
Transfer Station Operation	472,758.65
Long Haul Operation	764,045.30
Disposal Site Operation	479,470.73
Depreciation of Tangible Plant	<u>409,355.08</u>
	6,398,720.94

**MISCELLANEOUS EXPENSES:**

Billing and Collecting	640,800.26
General Office	103,508.22
General Expense	100,367.79
Legal Expense	8,425.48
Indirect Overhead Charges	127,872.00
Interest Expense	53,308.66
Depreciation of Office Equipment	<u>1,801.35</u>
	1,036,083.76

**Taxes**

City Occupational Tax	692,194.14
State Excise Tax	<u>93,738.12</u>
	785,932.26

**TOTAL DEDUCTIONS** \$ 8,220,736.96

**NET OPERATING INCOME** \$ 961,453.82

SOLID WASTE UTILITY  
EARNED SURPLUS STATEMENT, DECEMBER 31, 1975

January 1, 1975 Surplus		1,608,015.14
Add: Income Transferred to Surplus		<u>976,472.57</u>
Deduct: Losses Incurred Current year	---	
Reserve for Self Insurance	---	
Loss Incurred Prior Year	---	
Total Surplus December 31, 1974		<u>\$ 2,584,487.71</u>

SOLID WASTE UTILITY  
ANALYSIS OF 1975 EXPENDITURES

<b>EXPENSE</b>		
Operation and Maintenance (Less Depreciation)	6,970,339.61	
Interest Expense	53,308.66	
Taxes	<u>785,932.26</u>	
Total		<u>\$ 7,809,580.53</u>
 <b>ADDITIONS TO PLANT AND EQUIPMENT</b>		
Transfer Station	1,452.01	
Transfer Station Equipment	11,714.92	
Long Haul Equipment	483,721.89	
Disposal Site Leasehold Improvement	199,246.14	
Refuse Disposal Equipment	276,016.05	
Office Equipment	307.79	
Radio Equipment	6,349.59	
Miscellaneous Equipment	<u>0.00</u>	
Total		<u>\$ 978,808.39</u>
 <b>REDUCTION OF LIABILITIES</b>		
Principal Payments to Contracts Payable	<u>58,128.00</u>	
Total		<u>\$ 58,128.00</u>
 <b>LONG RANGE PLANNING - IMPROVEMENT STUDIES</b>		
Methanol Study	<u>318,025.00</u>	
Total		<u>\$ 318,025.00</u>

SOLID WASTE UTILITY BALANCE SHEET - DECEMBER 31, 1975

ASSETS

<u>Tangible Assets</u>		
Transfer Station Land	527,188.34	
Transfer Stations	1,989,682.75	
Disposal Site Scalehouses	30,642.61	
Equipment Service Center	83,138.09	
Transfer Station Equipment	437,276.46	
Long Haul Equipment	1,495,981.15	
Disposal Site Leasehold Improvements	783,599.91	
Refuse Disposal Equipment	831,857.75	
Office Equipment	24,649.79	
Radio Equipment	54,288.76	
Miscellaneous Portable Equipment	3,544.54	
		6,261,850.15
Less Reserve for Depreciation		<u>2,266,748.33</u>
Total Tangible Assets		\$ 3,995,101.82
<u>Current Assets</u>		
Cash		914,779.08
Accounts Receivable	1,116,306.37	
Less Reserve for Doubtful Accounts	<u>11,806.20</u>	
		1,104,500.17
Materials and Supplies		<u>7,625.27</u>
Total Current Assets		2,026,904.52
<u>Deferred Debits</u>		
Methanol/Amonia Study		318,025.04
Miscellaneous Unadjusted Debits		<u>4,351.79</u>
Total Deferred Debits		<u>322,376.83</u>
TOTAL ASSETS		\$ <u>6,344,383.17</u>
LIABILITIES AND SURPLUS		
<u>Current Liabilities</u>		
Loans Payable		1,453,329.55
Amounts Due Other Funds		575,000.00
Accounts Payable		58,432.14
Unvouchered Accounts Payable		969,509.64
Accrued Payroll		<u>75,535.42</u>
Total Current Liabilities		\$ 3,131,806.75
<u>Deferred Liabilities</u>		
Accrued Miscellaneous Interest Payable		2,632.50
Unearned Revenue		576,876.31
Disposal Site Landscaping		<u>48,579.90</u>
Total Deferred Liabilities		628,088.71
<u>Surplus</u>		
Appropriated		10,000.00
Unappropriated		<u>2,574,487.71</u>
		2,584,487.71
TOTAL LIABILITIES AND SURPLUS		\$ <u>6,344,383.17</u>

SQUARE YARDS OF PAVEMENT TO DECEMBER 31, 1975

	ASPHALT AND ASPHALTIC CONCRETE		CONCRETE		OTHER TYPES		TOTAL	
	STREETS	ALLEYS	STREETS	ALLEYS	STREETS	ALLEYS	STREETS	ALLEYS
Previous to 1955	8,489,508	54,481	12,295,832	844,337	2,000,144	32,369	22,785,484	904,187
1955	158,216		326,126	30,960			484,342	30,960
1956	114,124		234,355	17,059			348,479	17,059
1957	266,141		278,159	16,570			544,300	16,570
1958	227,429		226,178	47,606			453,607	48,293
1959	77,952	687	17,892	28,721			95,844	28,721
1960	337,140		149,889	23,766			487,029	23,766
1961	215,670		402,264	7,070			617,934	7,070
1962	263,025		106,090	29,827			369,115	29,827
1963	258,523		262,945	25,892			521,468	25,982
1964	385,675		67,995	4,971			453,670	4,971
1965	255,863		118,253	24,637			374,116	24,637
1966	181,318		119,961	39,051			301,279	39,051
1967	222,042		186,546	19,801			408,588	19,801
1968	261,120		39,040	13,633			300,160	13,633
1969	397,438	159	75,105	9,560			472,543	9,719
1970	265,598		68,186	2,082			333,784	2,082
1971	140,717		64,326	1,711			205,043	1,711
1972	296,892		76,315	2,665			373,207	2,665
1973	281,497		72,194	5,325			353,691	5,325
1974	367,157		47,423	2,531			414,580	2,531
Total to December 31, 1974	13,463,045	55,327	15,235,074	1,170,865	2,000,144	32,369	30,698,263	1,258,561
1975	137,182		83,314	5,230	2,140		222,636	5,230
Total to December 31, 1975	13,600,227	55,327	15,318,388	1,176,095	2,002,284	32,369	30,920,899	1,263,791
Total Removal to December 31, 1975	4,987,956	528	2,374,951	5,380	1,932,676	4,568	9,295,583	10,476
Balance to Date	8,612,271	54,799	12,943,437	1,170,715	69,608	27,801	21,625,316	1,253,315

SUMMARY OF COSTS AND MILES FOR 1975  
AND MILEAGE TO DATE

<u>TYPE OF IMPROVEMENT</u>	<u>1975 COSTS</u>	<u>MILEAGE 1975</u>	<u>MILEAGE REMOVED 1975</u>	<u>BALANCE OF MILEAGE TO DATE</u>
PLATTED STREETS*		0.10	0.25	1,659.99
GRADING	98,533.89	1.03	0.03	1,292.74
(1) SLIDE CONTROL	55,861.77			
SIDEWALKS	702,998.11	9.34	5.39	1,929.96
(2) PEDESTRIAN AND BIKEWAYS	351,746.55			
<u>STREET PAVING</u>				
Stone Block				5.72
Brick		0.08		0.71
Asphalt				22.87
Asphalt Concrete		(3) 15.60	5.60	399.82
Concrete		4.12	0.77	727.77
Annexation (Unclassified)				39.41
TOTAL	5,323,866.23	19.80	6.37	1,196.30
<u>ALLEY PAVING</u>				
Stone Block				0.19
Brick				2.76
Asphalt				3.62
Asphalt Concrete				2.74
Concrete		0.59	0.03	137.60
TOTAL	107,922.07	0.59	0.03	146.91
WATERMANS (4"-12")	882,351.04	6.22	0.16	(4)
WATER SUPPLY SYSTEM	650,882.07			(4)
<u>SEWERS</u>				
Combined	602,643.61	0.76	1.01	1,017.93
Sanitary	3,614,889.49	5.71	0.51	500.61
Storm	5,088,151.22	10.14	0.42	344.99
TOTAL	9,305,684.32	16.61	1.94	1,863.53(5)
PUMPING STATIONS (SEWER)	18,671.06			
BRIDGES	4,280,833.00			10.56
PLANKING AND TIMBER TRESTLE				1.39
SAFETY LIGHTING	829,564.06			
UNDERGROUND UTILITIES	1,251,258.60			
TRAFFIC CONTROL SYSTEM	668,596.15			
PARKS	3,697.13			
LAND ACQUISITION & RIGHT OF WAY	112,595.37			
LANDSCAPING	649,188.11			
<u>FREEWAYS</u>				
I-5 & 90 & S. 520				18.70
Thomson Way				
Bay Freeway				
West Seattle Freeway	125,098.05			
MISCELLANEOUS	443,993.26			
TOTAL COSTS	25,863,340.84			

Engineering included in above costs

- (1) New category, included under GRADING prior to 1974
- (2) New category, included under SIDEWALKS prior to 1974
- (3) Includes 6.21 miles under Asphalt Resurfacing Program
- (4) Refer to Water Department Annual Report for mileage
- (5) Includes mileage outside City limits maintained by the City

METHODS OF FINANCING - 1975

<u>PRIVATE CONTRACTS</u>		<u>ORDINANCES</u>		<u>LOCAL IMPROVEMENT DISTRICTS</u>	
<u>MILES</u>	<u>ESTIMATED COST</u>	<u>MILES</u>	<u>COST</u>	<u>MILES</u>	<u>COST</u>
		0.09	5,723.82	0.94	92,810.07
			55,861.77		
3.39	116,491.06	2.45	436,532.57	3.50	149,974.48
			351,746.55		
		0.08			
		6.24		9.36	
		1.40		2.72	
	<u>16,295.33</u>	<u>7.72</u>	<u>4,408,811.81(2)</u>	<u>12.08</u>	<u>899,457.09</u>
0.02	2,876.00	0.29	66,140.58	0.28	38,905.49
0.02	2,876.00	0.29	66,140.58	0.28	38,905.49
0.38	29,376.00	1.44	269,944.61	4.40	583,030.43
			650,082.07		
		0.76	598,527.69		4,115.92
0.26	28,278.50	4.35	3,135,214.17	1.10	451,396.82
	889.50	10.04	4,883,859.47	0.10	293,402.25
0.26	29,168.00	15.15	8,617,601.33	1.20	658,914.99
			18,261.55		409.51
			4,280,833.00		
			641,137.38		188,426.68
			614,457.20		636,801.40
			668,596.15		0.00
			3,697.13		
			112,595.37		
	720.00		645,786.57		2,681.54
			125,098.05		
			443,993.26		
	194,926.39		22,417,002.77(1)		3,251,411.68
					-1,943,120.88
					1,308,290.80

LESS portion paid by City

TOTAL AMOUNT ASSESSABLE TO PROPERTY OWNERS

(City Aid broken down as follows: Water Fund \$123,725; Federal Shared Revenue Fund \$86,925; Neighborhood Improvement Fund \$157,666; Neighborhood Development Fund \$55,000; Arterial City Street Fund \$673,047; City Street Fund \$203,458; Sewer Improvement Fund \$108,850; and Municipal Sewerage 1971 Construction Fund \$534,449.88.

(1) This amount includes \$8,845,374.75 of Special Other Fund Expenditures such as Engineering, Vouchers, Right of Ways, etc.

(2) This amount includes \$2,103,474 for stabilization and seal coating done in 1975.

ANNUAL REPORT - CITY OF SEATTLE -

YEAR	STREET PAVING		ASPHALT RESURFACING		ALLEY PAVING	
	MILES	COST	MILES	COST	MILES	COST
1956	12.97	1,561,859	3.71	97,670	2.06	94,505
1957	19.20	2,231,057	4.23	119,043	2.85	141,319
1958	15.83	1,830,636	7.09	165,793	5.77	335,992
1959	2.29	545,939	5.68	183,330	3.42	203,076
1960	12.84	1,790,072	6.62	140,438	2.79	172,519
1961	24.34	2,512,791	7.80	231,185	0.86	40,947
1962	7.54	1,794,829	6.93	160,108	3.37	165,497
1963	16.52	2,198,056	7.99	187,537	3.01	142,702
1964	11.05	2,473,442	8.90	212,411	0.62	61,807
1965	10.39	2,117,661	5.70	193,539	2.74	149,753
1966	8.50	1,502,563	2.72	152,087	3.61	217,158
1967	10.31	1,714,614	10.23	255,188	2.35	173,734
1968	2.78	1,894,511	8.57	281,647	1.55	136,471
1969	9.70	3,006,080	8.07	237,700	1.11	129,390
1970	4.73	2,420,161	10.10	333,765	0.22	33,053
1971	6.50	2,293,192	7.83	289,405	0.24	21,085
1972	4.42	2,316,722	10.70	428,920	0.30	32,841
1973	7.79	2,863,475	9.25	387,341	0.89	79,862
1974	13.71	3,151,222	10.51	379,162	1.69	51,539
1975	15.60	*4,945,911	6.21	377,955	0.59	107,922

YEAR	SEWERS		TREATMENT	WATERMANS		WATER SUPPLY	
	MILES	COST	PLANTS & PUMPING STATIONS (1)	(4"-12" Incl.)	MILES		COST
1956	15.02	1,571,245			16.35	546,084	2,099,904
1957	39.78	2,365,317	1,648,095		18.52	888,908	1,770,285
1958	20.41	1,836,005	3,021,661		28.91	1,260,167	1,305,688
1959	66.41	4,050,756	545,006		18.06	747,637	6,633,375
1960	76.23	5,400,563	101,240		19.13	860,569	7,759,336
1961	41.29	3,344,948	356,384		26.27	963,977	6,021,184
1962	12.25	1,789,890	168,212		8.45	553,223	6,276,572
1963	30.55	2,818,871	42,378		15.54	718,570	1,891,651
1964	30.30	2,883,590	207,124		31.11	1,501,337	1,774,425
1965	17.18	2,849,775	306,367		2.77	590,640	377,655
1966	11.78	4,970,453	258,563		3.05	286,856	189,452
1967	7.97	3,109,285	123,656		5.36	317,050	440,797
1968	10.28	2,165,990	43,565		7.73	565,760	813,402
1969	31.87	7,246,417	163,872		8.70	1,053,371	992,608
1970	57.16	15,434,787	88,545		5.23	1,338,034	922,455
1971	85.86	16,175,843	161,965		11.15	828,152	440,405
1972	35.73	13,091,877	145,218		21.76	1,438,492	381,761
1973	50.84	12,580,692	24		4.39	554,288	203,771
1974	48.84	15,004,200	232,538		3.88	895,264	75,334
1975	16.61	9,305,684	18,671		6.22	882,351	650,882

(1) Treatment Plant and Pumping Station costs included in Sewers prior to 1957  
Miles of street paving and sidewalk may not necessarily be related to costs due to widening jobs for which only the costs are added and no new mileage is added.

\*This amount includes \$2,103,474 for stabilization and seal coating done in 1975.

SUMMARY OF MILES AND COSTS FOR THE LAST TWENTY YEARS

<u>GRADING</u>		<u>WEST SEATTLE</u>	<u>CONCRETE WALKS</u>		<u>TRAFFIC</u>
<u>MILES</u>	<u>COST</u>	<u>FREEWAY</u>	<u>MILES</u>	<u>COST</u>	<u>CONTROL</u>
8.56	158,438		18.09	326,130	46,258
6.08	87,981		19.44	260,417	78,444
3.88	158,576		17.72	269,581	62,862
1.90	56,433		11.42	169,768	32,759
4.91	140,304		15.63	241,350	66,586
7.75	194,401		19.06	272,534	44,892
4.26	236,109		14.84	274,368	118,220
5.36	212,341		15.70	289,487	54,268
2.49	73,781		24.17	427,101	115,667
5.75	564,706		13.33	277,037	189,092
5.48	581,870	5,093	16.90	263,899	114,731
10.05	279,351	128,552	22.08	326,312	534,149
2.19	564,240	43,584	10.32	251,047	405,921
3.73	330,627	23,799	15.70	478,083	359,154
1.14	92,954	361,130	8.97	384,673	340,929
2.90	200,329	527,058	9.90	273,343	434,114
1.35	108,392	898,702	17.30	716,408	(1)983,619
5.93	269,971	1,727,143	13.85	682,453	866,545
1.33	86,302	1,160,544	3.60	686,985	735,384
1.03	98,534	125,098	9.34	702,998	668,596

<u>ALASKAN</u>	<u>BRIDGES</u>	<u>SAFETY</u>	<u>(2)MISCELLANEOUS</u>	<u>TOTAL</u>
<u>FREEWAY</u>		<u>LIGHTING</u>		
29,512	495,712	799	1,530,495	8,558,611
51,837	2,281,257	7,933	304,488	12,236,381
29,401	1,648,555	87,193	1,182,609	13,194,719
38,946	406,428	127,116	2,814,516	16,555,085
18,375	1,489,867	241,200	810,767	19,233,186
291,990	567,451	147,105	995,194	15,944,983
12,717	1,511,094	278,964	1,295,865	14,635,668
16,390	813,104	149,364	656,216	10,190,935
43,238	3,829,206	21,073	1,051,550	14,675,752
199,203	881,538	221,499	1,160,475	10,132,940
33,340	115,383	145,273	2,264,061	11,400,782
34,924	958,914	66,141	1,791,913	10,254,580
1,504	84,843	160,698	2,382,695	9,795,878
10,756	397,562	842,435	3,796,382	19,068,236
0	406,509	248,860	3,581,051	25,986,780
0	294,589	142,822	4,622,319	26,704,621
0	170,480	516,234	2,601,896	(1) 22,831,562
0	806,753	805,486	3,031,071	24,858,875
0	690,956	576,532	3,198,398	26,924,360
0	4,280,833	829,564	2,868,342	25,863,341

- (1) Amount reported in 1972 reduced by \$803,340 as this was for Traffic Maintenance. No maintenance costs are to be included in above costs.  
 (2) Includes Underground Utilities, Parks, Land Acquisition, Landscaping, Freeways, Miscellaneous, also slide control, and pedestrian, and bikeways starting in 1974.

ASSESSING SECTION 1975

	<u>1974</u>	<u>1975</u>
<b>PRELIMINARY ASSESSMENT ROLLS</b>		
Number Report to B.P.W.	31	18
Number of Descriptions	4,716	1,707
Estimated Cost	\$6,213,209.12	\$ 4,718,478.67
<b>FINAL ASSESSMENT ROLLS:</b>		
Number file with Comptroller	63	46
Number of Descriptions	3,525	3,194
Total Cost	\$6,362,536.68	\$ 4,139,040.99
<b>L.I.D. PETITIONS</b>		
Number Prepared	96	61
Number Filed	34	27
<b>VACATION PETITIONS:</b>		
Number Prepared	68	54
Number Filed	18	21
Number Initiated by Resolution	15	2
Sketches Made	21	26
<b>RESOLUTIONS INTRODUCED</b>	34	27
<b>SEGREGATIONS MADE:</b>	13	10
<b>ABSTRACT:</b>		
Deeds and Easements Posted	20,470	21,418
P.C. and S.C.	4,376	3,920
County Contract	5	0
	<u>24,851</u>	<u>25,338</u>
Building Dept. Ownerships	Approx. 1,000	5,121

	<u>1974</u>	<u>1975</u>
SHORT PLATS - APPROVALS	22	87
SSCC	54	45
SSCC - Release of Contracts	14	6
SSCC CONTRACTS AND AGREEMENTS		
Inside City and Outside City	0	1
PLATS CHECKED AND ACCEPTED	1	1
CONDOMINIUM CHECKED AND FILED	12	14
<b>ABSTRACTS 1975 TOTALS</b>		
AUDITOR'S TAKE-OFFS	20,470	21,418
COURT TAKE-OFFS	4,376	3,920
COUNTY CONTRACTS	<u>5</u>	<u>0</u>
	<b>24,851</b>	<b>25,338</b>

**1975 REPORT ON STREET VACATIONS**

PETITIONS MAILED	68	54
PETITIONS FILED	18	21
NOTICES MAILED	411	1,337
SKETCHES DRAWN	21	27
VACATIONS INITIATED BY RESOLUTION	15	2
MILES OF CONCRETE PAVED STREETS VACATED	0.0	0.3111
TOTAL MILES OF STREET VACATED	0.038	0.037
MILES OF ASPHALT PAVED STREET VACATED	0.038	0.0
MILES OF GRADED STREETS VACATED	0.0	0.0
MILES OF CONCRETE PAVED ALLEYS VACATED	0.149	0.028
TOTAL MILES OF ALLEY VACATED	0.287	0.3911
REVENUE PRODUCED		\$ 92,542.50

## STREET USE AND PERMIT SECTION

During 1975 the Street Use and Permit Section issued 1632 side sewer permits. Fees for these permits amounted to \$67,289.45. Special sewer connection charges were processed and collected in the amount of \$24,173.09.

There were 2,399 new Street Use Permits issued resulting in \$75,366.26 in fees. Fees amounting to \$334,467.18 were collected by 5,924 renewal invoices. The total street use fee income was \$409,833.44. This is an increase of \$150,463.05 over 1974 and is attributed to the fee adjustments in mid-1973.

The field men in this section drove 111,653 miles making 4,469 side sewer inspections and 45,214 street use and related inspections and investigations.

Eight persons were examined to determine their proficiency as side sewer contractors; total examination fees came to \$120.00.

There were 188 legal instruments researched, prepared and processed as required in the issuance of various side sewer and street use permits.

The following is a summary of the construction accomplished under street use permits:

Concrete Walks repaired or restored (under permit)	88,851 Sq. Ft.
By CETA Program crews (332 jobs)	77,354 Sq. Ft.
Miscellaneous concrete (Planting strips, driveways, etc.)	134,435 Sq. Ft.
Concrete Curb Restored	3,288 Lin. Ft.
Asphalt Paving (planting strips, driveways, etc.)	228,211 Sq. Ft.
Culvert Tile Installed	2,917 Lin. Ft.
Water Service Installed	5,280 Lin. Ft.
New Concrete Sidewalk Installed	10,318 Sq. Ft.
New Concrete Curbs Installed	180 Lin. Ft.
Main Sewers: (under City plan) 8" sanitary	691.95 Lin. Ft.
Main Sewer (without plan) 12" sanitary	150 Lin. Ft.
Watermain: (under City plan) 8"	2,280.24 Lin. Ft.

## FRANCHISE AND UTILITIES SECTION

This office enforces the franchise and ordinance obligations of all utility companies that operate within the City. We examine the plans, issue the permits and supervise all construction work performed in the public streets by these companies. This includes the installation of all electric conduits, manholes, transformer vaults, poles, wires, and other related electric facilities; the installation of telephone conduits, manholes, poles, wires, and other related telephone facilities; the installation of gas and steam heat mains and appurtenances, Municipality of Metropolitan Seattle sewers, Western Union Telegraph facilities, railroad tracks, tunnels, bridges, underground storage tanks and other miscellaneous underground facilities. Detailed field notes are secured of all such construction and placed on the permanent records in this section.

House moving permits issued by the Traffic Division are referred to this office for the preparation of an estimate of cost of the severance or raising of wires and cables over the routes to be used.

Petitions for vacation of street and alley totaling 23 were referred to this office for investigation and reports in regard to the existence of overhead and underground utilities in the areas to be vacated. Copies of these are circulated to the utilities affected at the time of referral.

We have been billing accidents in which Traffic or other City facilities were damaged. In 1975 we billed out \$32,936.58 worth and received payment of \$13,035.03. This gives a percentage of recovery of 39.6%.

Revenue received by the City from activities supervised by the Franchise and Utilities Section:

	<u>1975</u>	<u>1974</u>	<u>1973</u>
Franchise Fees	\$ 23,188.01	\$ 25,085.76	\$ 24,729.50
Inspection Fees	230,783.09	207,479.16	176,398.81
Permit Fees *	1,380.00	450.75	461.25
Annual Tank Fees *	5,220.00	5,277.95	5,431.75
Telephone Booth Revenue	9,112.47	8,905.68	8,363.94
Co-axial Cable Income	<u>144,182.64</u>	<u>119,869.00</u>	<u>78,944.53</u>
	<u>\$413,866.21</u>	<u>\$367,068.30</u>	<u>\$294,329.78</u>
Permits Issued *	1,543	1,902	2,104
Number of personnel in section	13	13	14

\*Credited to Street Use in Budget

	<u>1975</u>	<u>1974</u>	<u>1973</u>
<b><u>Seattle City Light Operations:</u></b>			
Pole and Accessory Permits	129	35	168
Poles set	90	9	101
Poles replaced	1,036	289	1,261
Poles removed	661	104	907
Poles moved	37	4	67
Poles, miscellaneous work	92	66	42
Anchored guys	371	52	569
Street light standards	346	131	177
Underground permits	158	209	186
Manholes, etc.	284	311	220
Conduit (lin. ft. duct)	112,058	160,663	37,184
Direct Burial Cable (lin. ft.)	204,697	131,346	141,083
Pavement, Planting Strip and Side-walk Restoration (sq. ft.)	242,050	184,900	153,000
Complaints investigated	160	78	72
<b><u>Pacific Northwest Bell Telephone Company:</u></b>			
Pole and Accessory Permits	195	182	291
Poles set	39	39	36
Poles replaced	56	96	132
Poles removed	52	130	157
Poles moved	2	3	2
Anchors & guys	76	149	157
Underground permits	207	264	308
Manholes, etc.	200	247	235
Conduit (lin. ft. duct)	291,096	132,855	199,121
Direct burial cable (lin. ft.)	136,081	151,657	183,199
Closures and pedestals	162	108	85
Telephone Booth permits	0	3	0
Booth sites existing (100% on City Streets)	46	46	45
Pavement, Planting Strip and Side-walk Restoration (sq. ft.)	233,113	195,900	250,000
Complaints investigated	53	57	70
<b><u>Metro Transit:</u></b>			
Pole and Accessory Permits	12	23	17
Poles set	5	11	3
Poles replaced	14	51	31
Poles removed	12	28	31
Anchors and guys	3	22	4
Complaints investigated	1	1	1
<b><u>The Washington Natural Gas Company:</u></b>			
Main permits	168	293	268

	<u>1975</u>	<u>1974</u>	<u>1974</u>
<u>The Washington Natural Gas Company (Cont):</u>			
2-inch & under, steel (lin. ft.)	2,697	11,489	20,158
3 & 4-inch " " "	860	3,334	8,974
6-inch " " "	557	654	6,212
8 & 12-inch " " "	156	47	0
16-inch " " "	0	0	0
1 1/4-inch and under, (plastic insert) " "	5,525	44,852	15,374
2-inch " " "	74,148	97,950	21,694
4-inch " " "	15,560	9,366	0
Regulator permits	2	20	10
Service connection permits	195	357	337
Service connections	694	1,311	1,023
Miscellaneous repair permits	297	371	348
Locations	1,728	2,149	1,888
Complaints investigated	154	201	249
<u>Municipality of Metropolitan Seattle:</u>			
Permits	5	6	3
8-inch pipe & under (lin. ft.)	23	0	0
10 & 12-inch pipe " "	0	0	0
15 to 42-inch pipe " "	12	0	0
Test holes or borings	0	0	0
Manholes, etc.	0	0	0
Pavement, Planting Strip & Sidewalk Restoration (sq. ft.)	35	0	500
Complaints investigated	25	20	2
<u>Seattle Steam Corporation:</u>			
Main permits	16	23	21
Steam mains (lin. ft.)	35	408	3,369
Manholes	0	0	2
Complaints investigated	8	5	5
<u>Seattle Water Department:</u>			
Permits	21	18	20
Pipe installed (lin. ft.)	8,398	7,781	3,320
Manholes	22	18	12
Complaints investigated	21	10	16
<u>Miscellaneous Company Activities:</u>			
Underground permits	124	116	87
Conduit (lin. ft.)	6,002	7,842	3,234
Manholes	70	69	3
Direct Burial Cable	3,585	1,770	230
Tanks installed	2	2	1
Tanks removed	3	2	5

	<u>1975</u>	<u>1974</u>	<u>1973</u>
<b>Misc. Company Activities (Cont):</b>			
Railroad permits	8	7	15
Track construction (lin. ft.)	0	2,494	400
Track rebuilt " "	8,084	6,540	5,002
Flange rail " "	3,750	8,530	4,710
Track removed " "	2,400	200	1,540
Plank installed (sq. ft.)	5,356	60	4,658
Street area resurfaced (sq. ft.)	45,175	58,058	36,385
Complaints investigated	94	61	85
CATV permits	6	14	21
Miles of cable installed - overhead	1	64.2	111.4
1,070' of conduit added to direct burial cable (replacing overhead - lin. ft.)	62,560	56,153	55,713
Handholes	121	101	184
Complaints investigated	17	24	24
<b>Pavement, Planting Strips &amp; Sidewalk</b>			
Restoration (sq. ft.)	61,847	12,900	10,500
Building moving permits	9	7	15
Miscellaneous complaints investigated	58	43	43
<b>Franchise &amp; Council Permit Inspections:</b>			
83 installations inspected quarterly	344	332	308
<b>Miscellaneous Franchise &amp; Utilities Office:</b>			
<b>Work:</b>			
Letters written	1,031	1,007	1,026
Work Orders written	2,238	2,557	2,258

**General Observations Relating to the Foregoing:**  
 In 1973, the average return to the Section per man was \$21,023.55; in 1974, \$28,236.00 and in 1975, \$31,835.86.

CITY OF SEATTLE  
ENGINEERING DEPARTMENT

ANNUAL ACCIDENT PREVENTION REPORT FOR THE YEAR  
1975

COMPARATIVE RECORD

<u>INDUSTRIAL RECORD</u>	<u>1974</u>	<u>1975</u>	<u>Variance</u>
Hours of exposure.....	2,390,760	2,179,705	-211,055
Number of Industrial Accidents.....	86	62	-24
Number of Disabling Industrial Accidents.....	40	33	- 7
Number of Days Lost.....	*6,760	529	*6,231
Industrial Frequency Rate.....	16.73	15.14	-1.59
Industrial Severity Rate.....	2,827	242.69	-2,584
Number of Off-the-Job Accidents.....	209	42	-167
Number of Days Lost.....	476	252	-224
<u>VEHICULAR RECORD</u>			
Number of Miles Traveled.....	5,641,569	6,025,555	+ 383,986
Number of Preventable Accidents.....	60	55	-5
Number of Non-Preventable Accidents.....	24	24	0
Number of Recordable Vehicular Accidents.....	84	79	-5
Vehicular Preventable Frequency Rate.....	10.63	9.13	-1.16
Vehicular Frequency Rate Total. ....	14.89	13.11	-1.78
Number of Preventable Accidents			
Trucks.....	49	48	-1
Automobiles.....	7	7	0
Equipment.....	4	0	-4
Miles traveled 1975.....			Up 3.7%

NOTE: There is an automatic charge of \*6000 days for a fatality.

**INDUSTRIAL ACCIDENT SUMMARY FOR 1975  
FOR LOST TIME ACCIDENTS**

<u>ACCIDENT TYPES</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
Caught between	2	4	2
Slips and Falls	8	6	4
Lifting	4	9	4
Twists and turns	7	7	2
Falling objects	1	2	1
Step-on-your-eye	1	0	1
Foreign body in eye	1	1	0
Struck by	5	8	4
Industrial Illness	0	0	0
Whiplash	5	0	0
Struck against	4	2	4
Electric shock	0	1	0
Overexertion	0	1	10
Extreme temperature	0	0	1
<b>TOTALS</b>	<b>38</b>	<b>40</b>	<b>33</b>

INSTRUMENT OF INJURY  
FOR LOST TIME ACCIDENTS

NUMBER OF ACCIDENTS 1975

Vehicle	8
Uneven ground	5
Tools	5
Containers	1
Manhole covers	1
Various objects	13
<b>TOTALS</b>	<b>33</b>

BODY PARTS INJURED FOR ALL ON THE JOB INJURIES FOR 1975

Back	15	Neck	1
Knee	1	Leg	1
Chest	1	Foot	4
Ankle	0	Shoulder	1
Head	2	Elbow	4
Finger	0	Eye	2
Toe	1	Burns	1

## ANALYSIS OF 1975 REPORT

### INDUSTRIAL SAFETY

The total number of industrial injuries during 1975 was 24 fewer than in 1974. Those injuries resulting in work time losses were 7 fewer than 1974. This decrease in lost time injuries decreased our industrial frequency rate for 1975 by 1.59 compared to an increase in 1974.

The severity of these injuries also was reduced by 231 days. The automatic 6000 days charged in the lost time for 1974 was not included in comparing days lost.

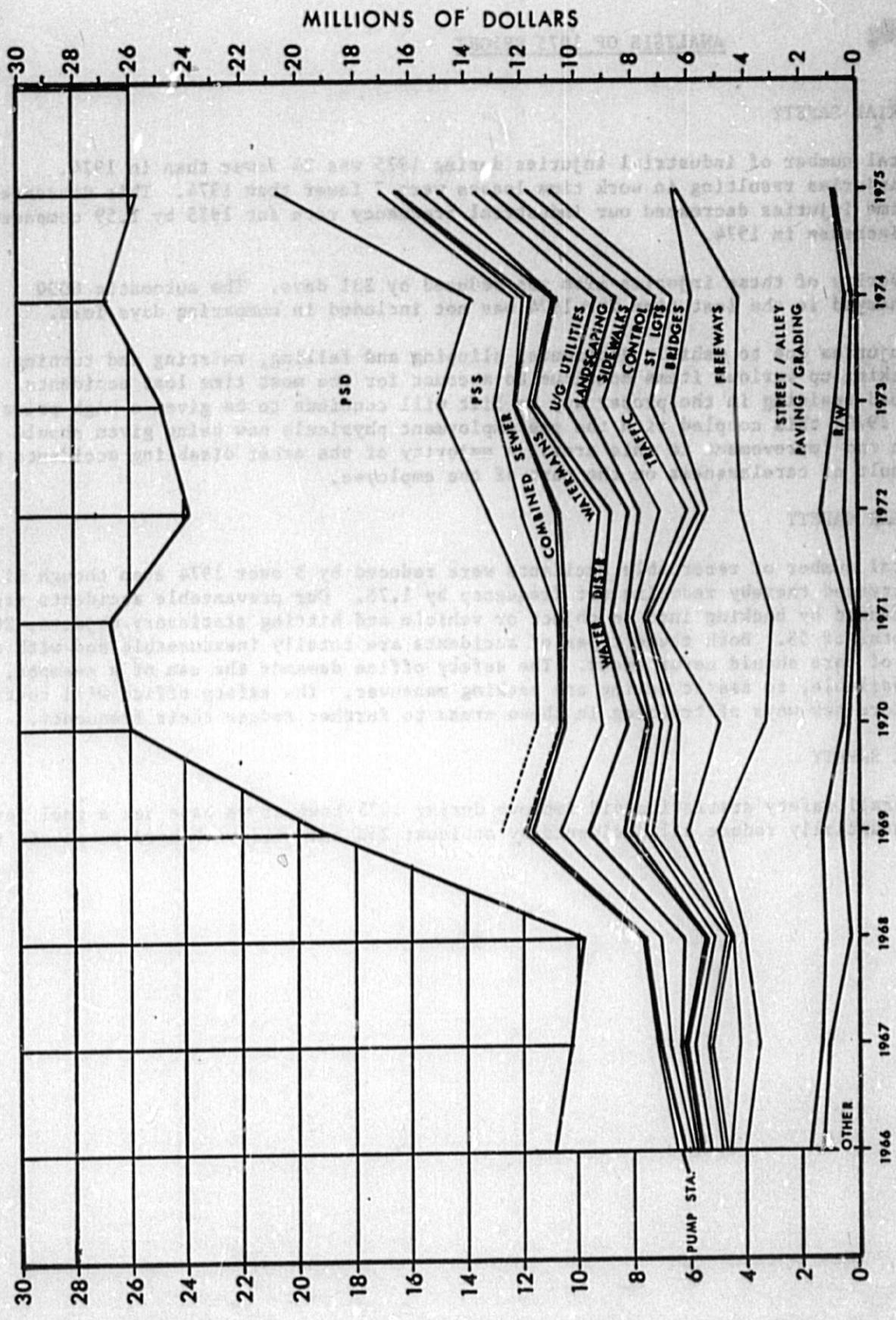
Back injuries due to vehicle accidents, slipping and falling, twisting and turning and picking up various items continue to account for the most time lost accidents. Continued training in the proper way to lift will continue to be given a high priority during 1976, this coupled with the pre employment physicals now being given should produce and improvement in this area. A majority of the other disabling accidents were the result of carelessness on the part of the employee.

### VEHICULAR SAFETY

The total number of recordable accidents were reduced by 5 over 1974 even though mileage was increased thereby reducing our frequency by 1.78. Our preventable accidents are still caused by backing into an object or vehicle and hitting stationary objects, 26 out of a total of 55. Both these types of accidents are totally inexcusable and with any degree of care should never occur. The safety office demands the use of a swamper, when available, to assist during any backing maneuver. The safety office will continue to explore new ways of training in these areas to further reduce their frequency.

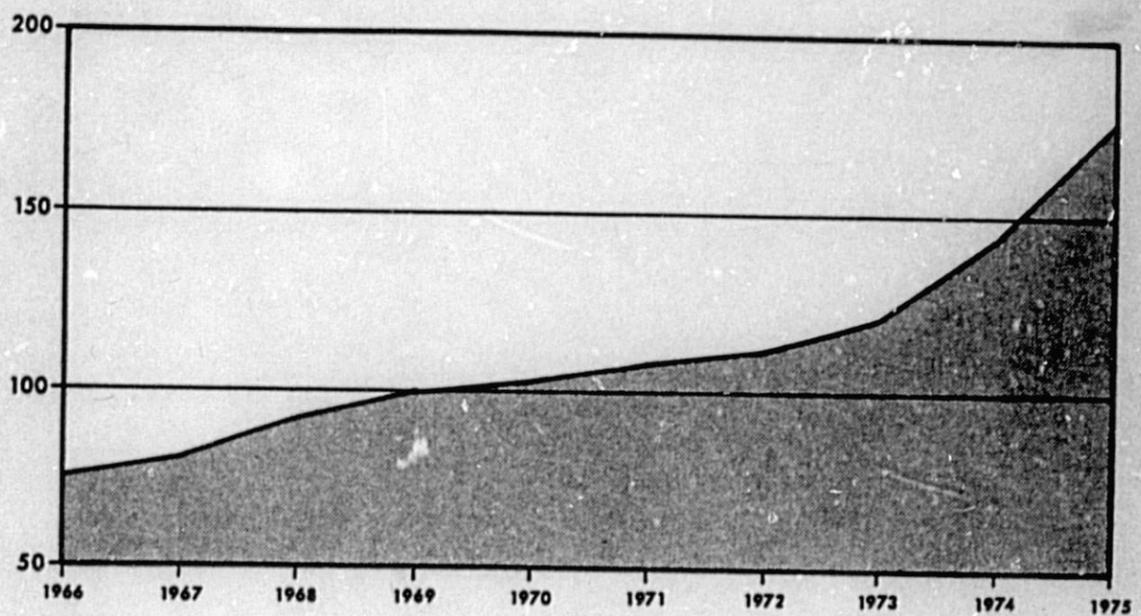
### OVERALL SAFETY

The overall safety statistics did improve during 1975 however we have set a goal for 1976 to substantially reduce all accidents by at least 25% and will work hard to obtain this goal.



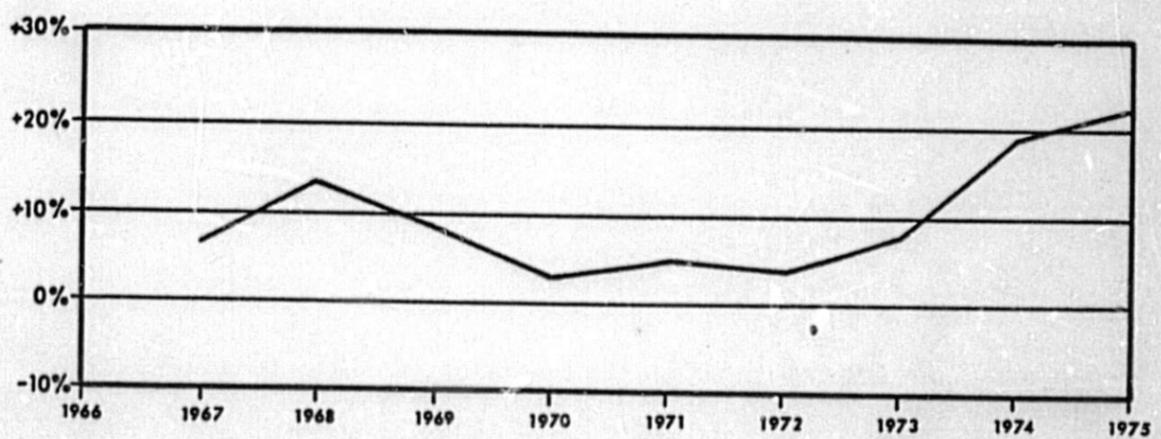
SEATTLE ENGINEERING DEPARTMENT CAPITALIZED EXPENDITURES

### SEATTLE PUBLIC WORKS CONSTRUCTION COSTS



CONSTRUCTION COSTS (1969 = 100)

An Index showing the changing dollar costs of constructing identical items of work for the last ten years, with 1969 costs set equal to 100.



YEARLY CONSTRUCTION COST INFLATION

Derived from the chart above showing each year's increase in construction costs.