

CITY OF CALGARY PARKS DEPARTMENT, ANNUAL REPORT 1917.

To His Worship the Mayor, Commissioners and Council.

City Hall. Calgary.

Gentlemen:

I beg to submit my 5th annual report covering the work of the Parks Department for the year 1917.

Practically nothing was done in the way of further development of the Parks System during the year, and much of the maintenance work was curtailed in conformity with the policy of retrenchment affecting all civic work. The activities of the Department were diverted largely into other directions, principally of an agricultural and truck gardening nature. In fact, so diversified have become the activities of the department that the title "Parks Department" seems now almost a misnomer.

The season was an unusually dry one, the total precipitation for the year being only 10.65" as compared with 17.10" in 1916. This was not favourable to the above mentioned class of work, but results were fairly gratifying taking these conditions into consideration.

Summary of planting for the season exclusive of greenhouse grown plants and nursery propagation is as follows:

Trees	-	2,171.	Shrubs	-	3,284	Vines	-	138
Perennials	-	10,336	Bulbs	-	11,318			

Sales of such horticultural requisites as manure, loam, trees, plants, etc., were very greatly increased this season. Disposal of the vegetables grown also added considerably to this department of our work.

The gross revenue of the Department totalled a little over \$18,000.00 an increase over 1916 of about \$ 6,000.00.

The opinion expressed in my 1916 report that the Cemetery would soon be self-supporting was more than realized. The expenditure was

exceeded by revenue by nearly \$800.00. The Golf Course is also more than self-supporting so far as maintenance is concerned, - the revenue being \$540.37 more than maintenance expenditure. The sum of \$951.43 was, however, spent on improvements during 1917.

This report as in previous years deals somewhat in detail with the work and statistics of the Department. This is unavoidable in carrying out the design of the report's usefulness to others. Parks Reports are received from some 150 cities and it is an act of common courtesy to send a copy of this Report in return. Unless the information as stated above is given in its present form it loses its usefulness to these cities. I may here, perhaps, be permitted to say that letters were received from a number of cities commenting very favourably on the completeness and detail of the 1916 report of the Calgary Parks Department.

Considerable difficulty was experienced in avoiding over-expenditure towards the end of the year due to increased cost of all kinds of labor, which was unforeseen when estimates were prepared, and from various other causes.

Flowers were liberally to all the Hospitals and the Veteran's Club. They were also used in considerable quantities for bazaars, and Red-Cross, Patriotic, Church, and Charity sales.

CENTRAL PARK. - Little but the regular maintenance work has been done in this park throughout the year.

The principal paths were re-surfaced with 40 loads of cinders. 38 loads of manure used for topdressing.

129 shrubs, 90 roses, 1200 bulbs, and 580 perennials, and 20,120 annuals were planted, and floral flower seeds were sown on borders. 75 hop roots were planted at base of bandstand and these greatly improved the appearance of this structure during the summer. A tree was provided for planting by the Rotary Club on Arbor Day. As the

result of natural increase it was possible to transfer 413 roots of shrubs, perennials, and vines from this park to St. George's Island.

Grass cutting was commenced on May 7th, a motor mower being used for the first time with much saving of labor, greater expedition, and very satisfactory results.

MEWATA PARK. Two rinks (one for hockey only) were maintained during the winter of 1915 - 16 and a large sheet of ice has again been prepared. A small toboggan slide was erected.

Some Spruce trees that would otherwise have been destroyed by building operations in connection with the Armory, were transplanted to other parts of the park and to the Cemetery.

4 1/5 tons of hay made and delivered to Stables.

RILEY PARK. 35 trees, 339 shrubs, and 1128 perennials planted. 14.7 tons of hay cut and delivered to Stables.

One of the small buildings used during the construction of Centre Street Bridge was moved to this park and reconstructed as a playground shelter.

✓ HILLHURST ATHLETIC GROUNDS. Large sheets of ice for hockey and for general skating have been made and maintained each winter. The revenue derived from the Checking Room privilege was \$84.00 with an average daily attendance of approximately 100.

ST. GEORGE'S ISLAND PARK. The Playground Apparatus needed considerable overhauling during the season to keep it in a safe condition.

A large quantity of manure was prepared and used on the Bridgeland Farm.

61 trees, 971 shrubs, 2880 bulbs, 2013 perennials, and 2900 annuals were planted.

The old bandstand, previously used as a shelter for the children's

playground, was moved to a site under the shade of the trees and re-constructed for the use of the band, light installed and the whole structure painted. One of the old refreshment booths which was so located as to have a very unsightly appearance was also placed amongst the trees adjacent to the children's playground and converted into a very much more suitable shelter than the building previously mentioned had been.

Volley and basket ball apparatus was provided.

Playground and driveways were frequently watered.

The bridge on the north side of the Island was re-floored.

The backwater between St. Patrick's and St. George's Islands was cleaned out and shed built as a dressing room for swimmers, but this did not prove very satisfactory. The several bathing fatalities amongst children, that occurred during the summer, emphasized, however, the great need there is for the provision of properly constructed and supervised bathing facilities.

85,815 children made use of the playgrounds during the year.

837 picnics were held.

A new Refreshment Building has been erected by the concessionaire under an arrangement whereby the city eventually becomes the owner. It is regrettable that the design of this building, with its high square front on which a glaring sign is displayed, its narrowly projecting eaves and its general lack of artistic treatment is more after the order of a mining town general store than a park refreshment booth. It is an absolute disfigurement to the park in its present condition. 1

As gravel and sand are being regularly removed from between St. George's and St. Patrick's Islands, and as this removal results in cutting off access to St. Patrick's Island for a longer period each summer I recommend that the Nursery be abandoned.

Wild driving and speeding is still being indulged in on the Island particularly late at night, but it is hoped that strict enforcement of the new Bylaw will remedy this.

VICTORIA PARK. The shrub border on the north side of the park was further extended by the planting of 78 trees and shrubs.

The usual cultivation of borders was done, and services in connection with the Exhibition given.

A rink is being maintained in the sunken garden for use of the troops and general public.

TUXEDO PARK. 112 loads of manure were placed on the east end of the park and this area turned over to the Public Works Department for the growing of a crop of green feed.

BOWNESS PARK. Park furniture and buildings were repaired and some grading done on driveways. On May 28th the tools and equipment belonging to the Parks Department were removed and the park turned over to the Street Railway Department for management and control.

SHOULDICE PARK. The weeds that have been lying in piles throughout this park during the winter were burned and the park surveyed for the purpose of leasing the land. The broken area was leased in three blocks for agricultural purposes.

SHAGANAPPI PARK. The course was opened for play on March 10th. The park was burned over on March 29th.

Mr. Thompson, professional of the Banff Course was engaged to re-plan the course. His plan provided for an almost complete reconstruction of the course with many features, such as bunkers and pot-holes added. A very detailed topographical survey was made of the park for the purpose of having the proposed improvements correcting and permanently recorded.

Considerable progress was made during the season with the construction work connected with the new plan, and the new fairways and most of the new greens are now in use. 3 bunkers and 2 pot-holes have also been made.

The following statement shows total expenditure and revenue on this course since work was begun in 1915.

	<u>Expenditure.</u>	<u>Revenue.</u>
Construction.	\$ 3,345.67	
Maintenance	<u>4,561.02</u>	<u>5,147.85</u>
	7,906.69	5,147.85

The following statistics have reference to season 1917.

Expenditure on construction	951.43	Revenue	2,924.50
" " maintenance	2,384.13		

Course open 265 days. Total number of players 12,950
 Daily average players 49 Biggest day, Oct.4. 176 players
 Number of members - Men 199, Ladies 60, Children 4, Total 263.
 Area of course - 96.43 acres.
 No. of holes - 18
 Length of course - 5562 yards.

Attached is a copy of the rules governing the Braid Hill Golf Course, Edinburgh, probably the oldest and best conducted Municipal Course in the world. I would strongly recommend that similiar rules and penalties be adopted. Until the breaking of certain rules is made a penal offence, it will be very difficult to enforce them.

----- B R A I D H I L L S G O L F C O U R S E . -----

RULES for the Regulation of the Game of Golf, made by the Magistrates and Council under an in virtue of the powers conferred upon them by the Edinburgh Improvement and Tramways Act., 1896.

1. Before commencing to play, every player shall personally obtain a ticket from the Park or other Officer stationed at or near the teeing ground, which ticket shall have a number and the date of issue thereon, and shall be available only on the day of issue and for one round of the game. A charge of threepence shall be made for each such ticket.

2. Before obtaining such ticket, each player shall sign his name in a book which shall be kept by the Park or other Officer for that purpose, the numbers on the tickets corresponding with the number opposite the names in the book.

3. No players under twelve years of age, single players, three or

four-ball matches, shall be allowed on public holidays or Saturdays.

4. No person shall be allowed to play unless he has a ticket, but the possession of a ticket shall not entitle the holder to play on the course unless his name appears in the Officer's book opposite the corresponding number.

5. No person shall be entitled to take out a new ticket until after the number on the ticket taken by him in the first instance shall have been called by the Park or other Officer, nor until he has finished the first round.

6. Every player shall, when required by the Park or other Officer or Person authorized by the Lord Provost, Magistrates, and Council, exhibit and produce the ticket held by such player as aforesaid.

7. Every player shall start at the teeing ground for the first hole only, and in rotation in the order of the number on the ticket.

B. N.B. -- (1) Where two, three, or four persons intent playing together, it may be permitted for one of the party to obtain the tickets and enter the names of his co-partners in the book as above provided, but no person shall receive more than four tickets.

(2) An Officer regulating the start at the first tee shall call the numbers and names of each successive party in the order in which they appear in the Park Officer's book. Failing the appearance of any member of the party at the proper time, the others may elect either to proceed without him or to assume the next single player who is willing to play with them on the register to make up the match.

(3) Tickets shall be issued from 5 a.m. during the months of April, May, June, July, and August.

PENALTY.

Every player contravening any of the foregoing Rules shall be liable, for every breach of any prohibition under the said Rules, in a penalty not exceeding Forty Shillings, and in default in payment to imprisonment.

CITY HALL AND TOMPKIN'S GARDENS. Nothing but the most necessary

work was done on these gardens during the season

2132 annuals were planted in the City Hall gardens.

CHILDREN'S PLAYGROUNDS. The apparatus in all of these was regularly overhauled and kept in repair.

Additional equipment was made and placed in Riley, Mewata, Tuxedo, and St. George's Island parks.

A model playground was made and placed on exhibition at the Knox Church during "Baby Welfare" week.

13 new playgrounds were established and equipped as follows:-

X 4th Ave. 5th St. W. (Munro playground)	Crescent Heights
Park Hill	North Mount Pleasant
Elbow Park.	Sunnyside
Ogden	East Calgary
Capitol Hill	St. Mary's school
South Calgary	St. Anne's school
Glengarry	Sacred Heart school

This makes a total of 28 playgrounds now in operation in the city.

The equipment placed at the Separate schools was paid for by the Separate School Board.

Assistance was given in conducting the Day Nursery at Victoria Park during Exhibition week.

Exhibitions of dancing, drills, and games were given at St. George's Island under the supervision of the Playground's Association of which body your Superintendent is a member.

RINKS. The rinks made last winter were maintained throughout the season. This season rinks have been made as follows:-

Alexandra School.	Grand Trunk school
St. Anne's school	Capitol Hill school
Sacred Heart school	King George school.
St. Joseph's school	Crescent Heights Collegiate school
St. Mary's school	Crescent Heights school
Hillhurst Separate school	West Mount Pleasant school
Ramsay school	Stanley Jones school
Victoria school	Riverside school
Haultain school	Victoria Park
Western Canada College	Elbow Park
Western Canada playground	Mewata Park
Connaught school	Hillhurst Athletic grounds
Mount Royal school	Tuxedo Park
Earl Grey school	7th Ave. and 4th St. N.E.
Sunalta school	North Calgary
Central school	Rosedale Crescent.

BANDS. 8 band concerts were given during July, 4 at Central Park and 4 at St. George's Island.

BOULEVARDS. Trees were given as much attention in the way of pruning, spraying, dressing, cultivating, staking, etc., as finances permitted. It is regrettable that it is not possible to do this work thoroughly as these trees will be a considerable asset to this city in the years to

come.

1150 replacements of dead trees were made in the central parts of the city.

Streets planted 3 years ago presented a beautiful appearance this this season. The heavy snowstorm at the end of October did considerable damage, however, many limbs being broken down by the weight of snow. These were removed and wounds cleaned and dressed.

No further extension of the improvements made in 1916 on the Bow River Boulevard was made during the past season, except the planting of 1,914 trees and shrubs.

Though the appropriation for Boulevards was almost fully spent, the work of caring for the grass and trees was only half done. It would be of immense assistance to the work of this Department if citizens generally could be induced to cut the grass and water the trees on the boulevards. This would be a small matter to the individual, but constitutes a large item of expenditure as a whole. The very modest sum provided for the care of the 52 miles of boulevard in this city could then be used mainly for the planting and care of trees, which work requires expert handling and is more satisfactory done by the Municipality than by individual effort.

Trees should have prime consideration in the work of park and boulevard development, and they should be the last to be abandoned to neglect in this class of work when financial difficulties come.

A tree planted on a city street is surrounded by unnatural conditions which means a more or less severe struggle for existence. It may be planted on a street where the grade has been established by either a cut or a fill. In either case the water table has probably been seriously interfered with. Other improvements such as paving, sidewalks, sewer, water, and gas pipes, mean that air and water supply are cut off and roots periodically interfered with and damaged. Above the ground the

tree has to contend with injuries from horses, automobiles, malicious persons, overhead wires, noxious gases and oily and otherwise injurious dust. Then as the number of trees increase there seems to be an ever increasing number of insects and diseases to prey upon them. These conditions mean that if street trees are to survive under these adverse ~~circumstances~~ ^{circumstances} they must be cared for unremittingly, and with all diligence and care.

It is pleasing to note the increasing interest that is being taken in the welfare of the street trees in certain residential sections of the city. If a tree becomes loosened or a stake broken, our office is notified within a few hours, in most cases.

CEMETERY. - 622 trees, 779 shrubs, and 10,089 perennials were planted.

717 loads of surplus soil were removed from graves
 229 loads of cinders used in maintenance of roads.
 1060 lot markers made and placed.
 61 monument bases made.
 146 plots loamed and seeded.
 295 plots maintained.
 210 loads of loam used on plots.
 353 loads of refuse removed from cemetery.
 2.56 tons of hay delivered to Stables.

There has been considerable work each winter in keeping roads open during snowy weather.

It having been discovered that there were a number of errors in the old plan of the Cemetery a complete new survey and plan was made:

No. of disinterments and reinterments.....	11
No. of interments in Potter's Field.....	40
Total number of interments.....	523
No. of 4' x 12' grave plots sold.....	368
" " 12' x 12' " " "	18
" " 20' x 20' " " "	19
Total number of grave plots sold.....	405
Plots remaining unsold.....	909

A certain amount of grading was done in the Cemetery. This work must be completed this year to render available for burial purposes the small remaining portion that is open.

In this connection I would strongly urge the necessity of obtaining

a new cemetery site without further delay. A large area of a suitable nature should be obtained and this could be used for agricultural purposes until such time as it was needed for the purposes of a Cemetery. It is to be sincerely hoped, however, that in choosing a new site some thought will be given to landscape possibilities, also that it will be so regulated as to prevent it becoming a merely closely packed burial ground or a museum of curiosities in stone. Though a cemetery should not look like a pleasure park, the evidences of death ought not to be allowed to be repulsive, and the cemetery a place to be shunned, and, though there should be no attempt to make it appear what it is not, it can at least be made a monument, in its entirety, to those whose bodies are placed in it.

The following is a short statement of Revenue and Expenditures in connection with the Cemetery covering a period of years, which may be of interest at this time. During the earlier years the records do not seem to have been closely kept and in some instances have been lost. It will be noted that in these cases the figures are estimates. The statement does, however, give some general idea of cost and revenue of this piece of City property, purchased in 1890 for the sum of \$ 4,230.00

R E V E N U E .

Year.	Imp. & Mtce. of grave plots.	Monument Bases.	Cemetery Lot sales.	Digging graves.	Vault fees.	Total.
1908				649.50		649.50
1909				773.00		773.00
1910			11,050.19	1081.00		12,131.19
1911			9,312.51	1248.00		10,560.51
1912			6,809.00	1523.00		8,332.00
1913			4,968.00	1673.00		6,641.00
1914	985.45		4,850.00	1343.00		7,178.45
1915	915.83		3,343.00	1237.00		5,495.83
1916	1,200.75	61.38	3,704.00	2100.00	18.00	7,084.13
1917	1,437.55	164.25	4,515.00	2009.00	16.00	8141.80
	\$ 4,539.58	\$ 225.63	\$48551.70	13636.50	34.00	66,987.41

(There is no record of revenue prior to 1908.)

EXPENDITURES.

Year.	Amount.	Remarks.
1890	4,250.00	Purchase of land.
1891	540.00	Expenditures to 1898 are estimated, being based on the assumption that the caretaker of that period received the same remuneration as paid to the present caretaker when he took charge in June 1899, namely, \$45.00 per month. Present caretaker states that he did all the work of the Cemetery for a number of years, also performing other duties. Afterwards had only occasional help till about 1910.
1892	540.00	
1893	540.00	
1894	540.00	
1895	540.00	
1896	540.00	
1897	540.00	
1898	540.00	
1899	540.00	
1900	540.00	
1901	2,540.00	Cottage thought to have been built this year.
1902	720.00	Caretaker is of opinion that his salary was increased to \$60.00 per month at this time.
1903	720.00	
1904	720.00	
1905	2,570.00	Bylaw 586, Cemetery buildings.
1906	720.00	
1907	900.00	
1908	2,580.00	Chapel thought to have been built this year.
1909	1,080.60	
1910	1,800.00	
1911	3,358.21	
1912	11,509.90	
1913	15,038.83	
1914	10,073.35	
1915	8,765.85	
1916	8,653.29	
1917	7,362.36	
total		\$ 88,742.39

CEMETERY NURSERY. Propogating was carried on so far as time and the sum appropriated permitted.

In view of the possible shortage of vegetable seeds the Department might well take up the growing of such seeds as its previous experiments have demonstrated can be readily grown here.

VICTORIA PARK NURSERY. Very little was done in this nursery except cultivating to destroy weeds.

ST. PATRICK'S ISLAND NURSERY. This nursery had to be almost abandoned for the greater part of the season. An effort was made, however, in the fall to clean up the rank growth of weeds that had taken possession.

Nursery Stock on hand. (In all nurseries.)

Trees.....	20,119
Shrubs.....	30,739
Perennials.....	32,269
Vines.....	247

GREENHOUSES. Plants were loaned for decorative purposes on 22 occasions. The following is a statement of the number of plants raised, their value, and distribution.

Sold at wholesale rates to florists	2544 plants.	\$ 264.36
" " retail rates	3297 "	179.06
" for grave decoration	2292 "	69.00
Interdepartmental sales - Fire Halls	3244 "	56.00
" " - Mrs. McArthur		
for property damages	318 "	21.00
		<u>589.42</u>
Supplied to Police Headquarters	160 "	11.50
" " General Hospital	100 "	10.00
" " Parks	44,867 "	1,497.00
	<u>56,602</u> "	<u>1,518.50</u>

The immediate future policy regarding the greenhouses has received considerable thought and the subject has been frequently discussed. I had no desire to repeat the experiment of last year, namely, to sell all the choicest of the plants grown and use the culls and rubbish for the embellishment of the Parks.

It was decided finally to devote them almost entirely to the production of such crops as lettuce, and tomatoes, and as far as possible make them self-supporting.

GENERAL HOSPITAL. Some further improvements were made to these grounds and 28 trees and 75 shrubs were planted. 400 perennials and 100 annuals were also supplied.

WATER. The water supply in all parks was metered this year. This has effected a considerable saving to the Department as the following figures show:

WATER (Continued)

1914	Amount paid for water	Flat rate	\$ 4,325.00
1915	" " " "	" "	2,525.00
1916	" " " "	" "	1,800.00
1917	" " " "	Meter	266.39

WEED CUTTING. The work of enforcing the Weed Bylaw and cutting of weeds again reverted to this Department in 1917.

Considerable weed cutting was done in the outlying districts on both public and private property.

During the cutting of weeds, any grass that was found of a suitable nature was cut and hauled to the City Stables.

Weeds were also cut where necessary in the centre of the city particularly where they had proved troublesome on the space between property line and sidewalk.

INTERDEPARTMENTAL WORK. Work was done on the Clouston property at the Centre Street bridge cut.

Plants, trees, etc., supplied to Mrs. McArthur on account of property damages.

Plants supplied to Fire Halls.

Teams hired to Waterworks Department for construction work at Reservoir. Teams have frequently been hired to other Departments for short periods.

The work of removing manure from the City Stables has been done in part by this department.

BRIDGE LAND FARM. Considerable work was required in the way of clearing, burning over and levelling this land, and removing refuse, to get it in condition for cultivation.

85 loads of stones and other debris were collected and removed.
175 loads of manure used.

The fencing enclosing the hospital grounds was taken down, the boundaries being carefully marked and the whole area surveyed.

The building that was originally erected as a pavilion for athletes was moved to a convenient position to be used as a tool shed.

A number of native shrubs that were growing on the land and would otherwise have been destroyed were transplanted to the improved portion of the Bow Boulevard.

The land was harrowed, after being ploughed and disced by the Public Works Department. Such portions of the land as could not be reached by plough were cleaned and dug.

The planting of potatoes was commenced on May 8th, and completed on May 29th, 20 acres being planted with 300 bushels. There was considerable delay with this work on account of wet weather and the teams and implements being loaned to other organizations to get in their crops. The plot of land immediately adjacent to the hospital was planted with a mixed crop of vegetables.

Weeds were very troublesome throughout the season due to years of weed growth and seeding having rendered the land very foul.

A flower border was made round the government station, 929 perennials being used for this purpose.

The crops were grown entirely without irrigation.

Conditions were not ideal for an undertaking of this kind on account of the rough condition of the land, the fact that the crops had to be planted on a new breaking, and the exceptionally dry season. However, the results were very satisfactory taking these circumstances into consideration and the yield of potatoes in particular was very good as compared with crops in other localities in the city.

The bad weather experienced during the latter part of October very much hampered the harvesting of the crops remaining on the ground at that time, and this, of necessity, added to the cost of handling these. Just at harvest time too, when the farmer usually augments his staff ours was considerably curtailed thus prolonging the harvesting of crops.

The total area occupied by the Department was 25.25 acres.

In supplying the Hospital we were in competition with Chinamen who were continually cutting prices, and we were given to understand that we must come down to these prices if we wished to keep the business.

Appended are statements showing crop results and details of expenditure and revenue. These statements cover only the work of this Department.

Bridge land Farm. Crop Results.

<u>Crop.</u>	<u>Area planted.</u>	<u>Weight of produce.</u>
Potatoes	20 acres	2,141 bushels
Beans		146 lbs.
Beets	2400 sq. ft.	1,384 lbs.
Brussels Sprouts		52 "
Cabbage	17850 sq. ft.	8,654 "
Carrots	5834 " "	1,734 "
Cauliflower		719 "
Celery		329 "
Kale		175 "
Lettuce, bunch		1,120 bunches
" head		630 head
Onions, young		408 bunches
" mature		1,294 lbs.
Parsley		228 bunches
Parsnips	10920 sq. ft.	2,365 lbs.
Peas	8400 " "	1,061 "
Turnips, swedes	16200 " "	19,585 "
" yellow	3780 " "	4,792 "
Radishes		780 bunches

I understand that vegetables are used by the school authorities in their domestic science classes. It might be advantageous if the school Board's requirements in this direction were filled by the Parks Dept. In fact, a similar arrangement could well be made with all public institutions needing vegetables. This would in a sense, keep money in the city's coffers and it would also tend to lessen the risk of produce being spoiled through lack of market. I beg to recommend, that this activity be further extended and developed. I am confident that the results would be greater from year to year as the land was got into better condition and the department better equipped to handle this work.

✓ AGRICULTURAL WORK. (GENERAL)

In January and February a complete survey of the city was made for the purpose of seeing what vacant land there was in large blocks that would be suitable for agricultural purposes.

Bow River Boulevard. The street sweepings that had been deposited on this land during the winter were spread and a large quantity of refuse removed. After having been ploughed by the Public Works Department the unimproved portion was fenced and leased.

Sunnyside Boulevard. Brush was cut, grass burned, some levelling done, 40 loads of refuse removed, and after being ploughed by the Public Works Department the land was staked off in 50 ft. plots and allotted to residents in Sunnyside for cultivation.

X Potatoes. Off the carload of potatoes purchased by the Department, 564 bushels were sold to the Returned Veteran's Club, 51½ bushels to the Business Women's National Service Corps, and 79 bushels to the Children's Shelter. The balance were used at the Bridgeland Farm together with those that had been stored from the previous year's crop. Those taken by the Veteran's were sold at a price of \$1.50 as fixed by the Council, which did not cover the cost of shipping and handling. Thus the Department lost money on this transaction. This brought the cost of those used by the Department up to approximately \$2.00 per bushel.

Manure. The work of preparing manure at the various dumping stations was continued throughout the winter months: 607 loads have been sold during the year. The several piles were regularly sprayed to prevent breeding of flies. ✓

Details of Expenditure and Revenue on Agricultural Work by Parks Dept.
exclusive of work on Bridgeland Farm.

E X P E N D I T U R E

Surveying subdivisions and preparing plans of Vacant land.. .. .	32.72
Cost of Potatoes sold to Veterans, Business Girls, and Children's Shelter.....	1,074.40
Handling potatoes for Veterans, etc.....	26.33
Bridgeland Boulevard, Burning off grass, etc.....	79.77
" " Manuring.....	14.17
" " Fencing.....	49.95
" " Miscellaneous.....	1.30
Sunnyside Boulevard, cleaning up refuse, etc.....	34.48
" " manuring.....	5.95
X Shouldice Park, burning off weeds, etc.....	11.11
" " Survey for leasing.....	5.58
" " Plowing and discing.....	35.70
" " Seeding and harrowing.....	7.10
Warko Park, Manuring, 112 loads for green feed crop	95.96
Haymaking, Riley Park.....	39.16
" Mewata Park.....	31.40
" Cemetery.....	18.30
" General.....	18.90
	\$ 1,582.28

R E V E N U E S

Potatoes sold to Veterans, Business Womens Corps, and Childrens Shelter.....	1,074.40
X Rent of land, Bridgeland Boulevard.....	55.90
Rent of land, Sunnyside Boulevard.....	20.00
Rent of land, Shouldice Park.....	205.00
Hay crop.....	287.91
	\$ 1,643.21

As the expenditure in connection with growing crops of green feed was almost wholly borne by the Public Works Department the credits for this are not included in this statement.

GENERAL. 258.39 was realized by the Department when it co-operated with the Horticultural Society and the Vacant Lots Garden Club in a three days sale of trees, shrubs, and plants at the Public Market.

The total weight of hay gathered from all sources by the department and delivered to the City Stables was 26 tons.

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GENERAL (continued)

I think the matter of bird protection and encouragement on our parks is one worthy of consideration, not only because birds make the parks more interesting, but also from an economic standpoint. The native birds are one of the country's most valuable assets, and it is the duty, and should be the pleasure, of every citizen to do all in his power to protect them. If there were no birds insects would in a short time multiply to such an extent as to make it impossible to raise crops. The more agricultural and horticultural production is extended in our midst, so much the more shall we need birds, to protect us from those pests of which they are the natural enemies. Parks offer in themselves ideal conditions for bird life. The carrying of firearms is forbidden, so that their only serious enemy, against whom they need to be protected, is the wilful or thoughtless boy. The birds could be encouraged by the establishment of feeding stations during the winter, and of nesting boxes in the summer time. The schools and local societies interested might be induced to take up this work, and could probably accomplish much in transforming the small boy from a destroyer to a protector of the birds.

Conclusion. During the past five years approximately \$345,000.00 has been spent in this city on Parks and Boulevard development. It would be most regrettable if sufficient was not provided annually to at least prevent these improvements from deteriorating. I suppose none but the professional who is intimately acquainted with this class of work realizes to what an extent money spent in this way can be wasted afterwards by neglect, as for instance, trees dying from infestations that could be prevented by spraying; by canker developing in old wounds; the result of killing back; by insufficient moisture; by want of proper protection from injury; by weedy and coarse grasses dispossessing the finer varieties through impoverishments of the soil or irregular cutting, and so on.

It has been the endeavor of the department to the greatest extent of its powers to have the parks ready for the use of the public at all times. Their comfort has been considered and provided for, and special requests have received attention and been granted if they did not interfere with the rights of others.

Records of temperature, rainfall, etc., have been kept as usual throughout the year, these records now covering a period of several years. Applications for these meteorological records are frequently received. Judging was done by your Superintendent at 8 horticultural exhibitions and in 5 garden competitions in the city and Province.

It is with the deepest regret that I here record the loss of the oldest employee of the Department and one of the city's most loyal and faithful servants. I refer to the death of Mr. E. Curtis, general foreman of the department, which took place at the end of the year.

Respectfully submitted,

Wm. R. Reader

PARKS SUPERINTENDENT. ✓

~~CITY OF CALGARY,~~

DETAILED STATEMENT OF APPROPRIATION EXPENDITURE 1917

<u>1. Central Park (Appropriation \$1660.00)</u>	<u>Labour</u>	<u>Material</u>	<u>Total</u>
Beds and Borders	308.51		308.51
Bldg. Mts. & Repairs	11.45		11.45
Caretaking, Patrolling & Supervs.	93.52		93.52
Comfort Station	17.22	12.35	29.57
Cultivating	24.75		24.75
Fertilizing	1.30	12.87	14.17
Furniture Repairs	12.21		12.21
Holidays & Sick leave	42.44		42.44
Lawns, Mowing & Mtce.	279.41		279.41
" Renovating	2.75		2.75
Light	11.35		11.35
Mulching	79.95		79.95
Pruning	32.23		32.23
Miscellaneous	47.25	6.25	53.50
Painting	11.45		11.45
Planting	31.74		31.74
Notices Boards & Signs	3.00		3.00
Refuse, Cleaning up	78.89		78.89
" Removal	10.31		10.31
Paths	89.84		89.84
Snow	32.23		32.23
Staking, Tying etc.	22.68	2.30	24.98
Stores Handling & Haulage		1.06	1.06
Tree Spraying	2.10		2.10
Watering	98.24		98.24
Water Service Mtce. & Repairs	25.60		25.60
Rotary Club Trees	8.69		8.69
Total	\$1,379.61	34.83	1414.44 ✓

2. Mewata Park (Appropriation 1000.00)

Athletic Fields Mtce.	163.22		163.22
Beds and Borders	16.18		16.18
Bldgs. Mtce. & Repairs	4.85		4.85
Caretaking, Patrol. and Supervision	55.25		55.25
Comfort Station	22.90	6.85	29.75
Cultivation	43.05		43.05
Fencing Repairs	10.80	4.75	15.55
Fertilizing		12.88	12.88
Lawns, Mowing, Mtce.	88.50		88.50
Miscellaneous	8.25		8.25
Refuse, Cleaning Up	43.21		43.21
Paths	7.50		7.50
Playgrounds Mtce.	70.27	8.61	78.88
" Supervision	240.00		240.00
Rinks	103.43		103.43
Staking etc.	1.95		1.95
Stores Handling & Haulage		.96	.96
Tree Planting	27.38		27.38
Watering	3.00		3.00
Water Service Mtce. & Repairs	24.88		24.88
Weed Cutting	17.70		17.70
Total	\$ 982.52	34.05	986.37 ✓

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3. <u>Killey Park (Appropriation 1700.00)</u>	<u>Labour</u>	<u>Material</u>	<u>Total</u>
Beds and Borders	228.81		228.81
Bldgs. Mtce. & Repairs		28.95	28.95
Caretaking, Patrol. & Supervision	149.51		149.51
Comfort Station	14.60	5.67	20.27
Cultivating	66.23		66.23
Fertilizing		9.00	9.00
Furniture Repairs	2.00	6.06	8.06
Holidays and Sick Leave	42.58		42.58
Lawns, Mowing & Mtce.	194.36	1.30	195.66
Manure Pile	82.97		82.97
Mulching	150.30		150.30
Miscellaneous	15.21		15.21
Pruning	41.03		41.03
Playground Mtce.	31.64		31.64
" Supervision	40.00		40.00
Refuse Cleaning up & removal	15.31		15.31
Roads and Paths Mtce.	90.12		90.12
Stores Handling & Haulage	1.70		1.70
Tree Planting	47.83		47.83
Watering	24.30		24.30
Water Service Mtce. & Repairs	76.24		76.24
Weed Cutting	60.95		60.95
Shelter New	83.03	5.81	88.84
Total	\$1,450.72	56.79	1515.51

4. <u>Hillhurst Athletic Pk. (Approp. 100.00)</u>			
Athletic Field Maint.	11.66		11.66
Bldgs. Mtce. & Repairs	5.65		5.65
Caretaking, Patrol. & Supervision	3.96		3.96
Comfort Stations	12.35		12.35
Lawns, Mowing & Mtce.	13.40		13.40
Light wiring for Rink		70.40	70.40
"	10.80		10.80
Refuse Removal	19.75		19.75
Rinks	256.82		256.82
Weed Cutting	13.30		13.30
Heating Cloakroom		7.47	7.47
Total	\$ 347.69	77.87	425.56

5. <u>St. Georges Island (Approp. 2630.00)</u>			
Beds and Borders	64.88		64.88
Bldgs. Mtce. & Reps.	11.42	40.42	51.84
Caretaking, Patrol. & Supervision	143.92		143.92
Comfort Stations	47.45	8.23	55.68
Fencing Repairs	26.79		26.79
Floral Display	33.09		33.09
Furniture Repairs etc.	45.90	11.29	57.19
Holidays & Sick Leave	70.32		70.32
Lawns, Mowing & Mtce.	199.19		199.19
" Renovating	11.85	55.65	67.50
Light	322.32		322.32
Manure	128.33		128.33
Mulching	58.86		58.86
Miscellaneous	18.44		18.44
Notice Boards and Signs	10.10		10.10
Painting	51.90	44.79	96.69
Playgrounds	157.72	19.38	177.10
Refuse, Cleaning up and Removal	141.68		141.68
Roads and Paths Mtce.	126.39		126.39
Staking Tying etc.	7.18	6.25	13.43
Stores Handling & Haulage		16.76	16.76
Tree Planting	78.99		78.99
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5. <u>St. Georges Is. (Approp. 2630.00 Cont/d.)</u>	Labor	Material	Total
Watering	15.18		15.18
Water Service, Mtce. & Reps.	104.41	14.13	118.54
Weed Cutting	4.26		4.26
Band Stand (Mowing & Reconstruct.)			
" " New	77.35	28.41	105.76
Playground Shelter	35.05	36.26	71.31
Bridge Reflooring	19.40	76.90	96.30
Swimming Pool & Dressing Room	65.72	21.00	86.72
Total	\$2,078.09	379.47	2,457.56
6. <u>Victoria Park (Approp. 110.00)</u>			
Caretaking Patrol & Supervision	-		
Cultivating	49.75		49.75
Lawns Mtce.	18.60		18.60
Planting	31.68		31.68
Rink	8.80		8.80
Furniture	5.25		5.25
Refuse Cleaning up	14.32		14.32
" Removal	3.90		3.90
Manure	1.65		1.65
Industrial Exhibition	42.06		42.06
Total	\$ 176.01		176.01
7. <u>Tuxedo Park (Approp. 400.00)</u>			
Haulage of Manure by St. Ry.		27.25	27.25
Playgrounds Supervision	40.00		40.00
Notice Boards & Signs	.88		.88
Playgrounds Mtce. & Equip.	31.20	21.67	52.87
Rink	48.02		48.02
Stores Handling & Haulage		.27	.27
Total	\$ 120.10	49.19	169.29
8. <u>Shouldice Park (Approp. 90.00)</u>			
See also Agricultural Work			
Weeds	11.11		11.11
Survey for leasing	5.58		5.58
Plowing & Discing	35.70		35.70
Seeding & Harrowing	7.10		7.10
Total	59.49		59.49
8a. <u>Bowness Park (Approp. 90.00)</u>			
Caretaking	13.34		13.34
Furniture & Reps.	22.84	122.09	144.93
Miscellaneous	3.50		3.50
Playgrounds Apparatus	4.60		4.60
Refuse Cleaning up	22.40		22.40
Roads Mtce.	11.04		11.04
Stores Handling & Haulage		3.66	3.66
Refreshment Booth	120.00		120.00
Total	\$ 197.72	125.75	323.47
9. <u>Shaganappi Golf Course (Approp. \$2000.)</u>	Labor	Material	Total
<u>Construction at New Course</u>			
Resurvey	28.56		28.56
New Plan	20.00		20.00
New Greens	149.22		149.22
" Tees	43.54		43.54
" Fairways	119.10		119.10
Bunkers & Potholes	361.40		361.40
Total	721.82		721.82

9. <u>Shaganappi Golf Course Cont/d</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
<u>Improvements General</u>			
Club House Imprvts. Furniture	153.52	71.10	224.62
Locks etc.			
Gas Service	55.10	96.15	151.25
	208.62	167.25	375.87
<u>Old Course Mtce.</u>			
Greens	81.81		81.81
Tees	33.20		33.20
Fairways	210.70		210.70
	325.71		325.71
<u>New Course Mtce.</u>			
Greens	301.82		301.82
Tees	183.91		183.91
Fairways	127.77		127.77
	613.50		613.50
<u>Maintenance-General</u>			
Burning Course	47.94		47.94
Cleaning Club House	22.07		22.07
Caretaking	361.83		361.83
Miscellaneous	226.73	13.91	240.64
Refuse Removal	15.60		15.60
Notice Boards & Signs	19.54		19.54
Bldgs. Mtce. & Repairs	29.85		29.85
Water Service, Mtce. & Reps.	22.77	13.46	36.23
Poisoning Pests	9.50	5.25	14.75
Stores Handling & Haulage		20.75	20.75
Golf Balls		395.85	395.85
Light		12.69	12.69
Heating		22.52	22.52
Holidays & Sick leave	58.40		58.40
	814.23	484.43	1298.66
Total			3335.56
10. <u>City Hall (Appropriation \$220.00)</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Floral Display	40.54		40.54
Tennis Court	4.66	6.18	10.84
Lawn Mtce.	42.65		42.65
Watering	19.65		19.65
Miscellaneous	4.08		4.08
	111.58	6.18	117.76
11. <u>Tompkins Gardens (Approp, 150.00)</u>			
Lawn Maintenance	23.36		23.36
Renovation	4.70		4.70
Plan	2.65		2.65
	30.71		30.71

12. Playgrounds Approp. 2500.00	Labor	Material	Supervision	Total
Established previous to 1917				
Burns Playground	22.10			22.10
Bridgeland	24.40		40.00	64.40
Salvation Army	23.00			23.00
Mills	21.00			21.00
Municipal	25.38			25.38
Sunalta	28.35		52.50	80.85
McInnis	28.20			28.20
Western Canada College	21.00		62.50	83.50
Garden	25.87			25.87
Balmoral	46.83			46.83
Material		153.61		153.61
Established during 1917				
Park-View	33.20			33.20
Parkhill	35.10			35.10
Sunnyside	58.85	85.36		144.21
Manro	113.80			113.80
Elbow Park	54.60			54.60
Capitol Hill	60.50			60.50
Ogden	82.55	9.80		92.35
South Calgary	37.90			37.90
McArthur	14.40			14.40
North Mt. Pleasant	46.23			46.23
Glengarry	42.13			42.13
Park Roads	15.63		52.50	68.13
East Calgary	30.83			30.83
17th Ave. & 9th St.W.	32.00			32.00
Separate Schools	101.74	137.99		239.73
Special Equipment for Supervision		294.28		294.28
Material		470.82		470.82
Stores Handling & Haulage		29.42		29.42
	<u>\$1,025.59</u>	<u>1,181.88</u>	<u>207.50</u>	<u>2,414.37</u>

13. Rinks (Appropriation \$400.00)	Labor	Material	Total
Sunnyside School	6.78		6.78
Hillhurst "	15.47		15.47
Victoria "	13.78		13.78
Alexander "	10.40		10.40
Ramsay "	9.88		9.88
Mt. Royal "	6.12		6.12
Connought "	10.94		10.94
Central "	7.25		7.25
Sunalta "	3.08		3.08
North Mt. Pleasant School	2.03		2.03
Stanley Jones School	6.67		6.67
Haultain "	2.07		2.07
Riverside "	7.14		7.14
Earl Grey "	3.06		3.06
Glengary "	1.02		1.02
Col. Walker "	12.24		12.24
St. Anne's "	10.13		10.13
St. Mary's "	4.49		4.49
Sacred Heart"	16.93		16.93
Crescent Heights (2 Rinks)	18.63		18.63
Capital Hill School	41.01		41.01
Western Canada College	64.08		64.08
Ogden Military Convalescent Home	4.45		4.45
Elbow Park "	24.67		24.67
Salvation Army Shelter	4.93		4.93
Fourth Ave. & 5th St. West	4.43		4.43
Stores Handling & Haulage	.43		.43
St. Joseph's School	3.50		3.50
Hillhurst Separate School	3.30		3.30
7th Ave. & 4th St. S.E.	19.83		19.83
North Calgary	7.60		7.60
King Georges School	4.80		4.80
Grand Trunk "	2.00		2.00
Rosedale Crescent	1.94		1.94
	355.08		355.08
14. Bands (Appropriation \$700.00)			
Bands Concerts	741.00		741.00
15. Boulevards (Appropriation \$6000.00)			
Miscellaneous	11.22	4.25	15.47
Mowing	1936.45		1936.45
Notice Boards & Signs	6.50		6.50
Refuse Removal	155.96		155.96
Renovating Grass	33.83		33.83
Stores Handling & Haulage	24.03		24.03
Tree Cultivation	246.66		246.66
" Planting	285.39	496.00	781.39
" Pruning	275.96		275.96
" Staking & Tying	341.07	80.08	421.15
" Spraying	37.35	76.16	109.51
Watering	144.93		144.93
Watering Service, Mtce. & Reps.	7.15		7.15
New Boulevards Wolf St.	127.25		127.25
" " Roy Property	14.35		14.35
" " 2nd St. W. 23 Ave.	2.60		2.60
Motor Mower Repairs	11.81		11.81
Bridgeland Boulevards			
Lawn Mtce.	18.65		18.65
" New	89.80	5.60	95.40
Planting	104.35		104.35
Elbow River Boulevard Mtce.	8.60		8.60
	3,879.91	662.09	4,542.00

16. Cemetery (Approp. 8224.50)	Labour	Material	Total
Beds & Borders Mtce.	171.47		171.47
Buildings Mtce. & Reps.	39.10	59.50	98.60
Books & Accounts	101.76		101.76
Caretaking & Supervision	1160.60		1160.60
Cultivation	16.40		16.40
Fencing Repairs	30.55		30.55
Fertilizing	9.00		9.00
Graves, Surplus Soil from	273.92		273.92
Grave Plots, loaming & Seeding	575.26	22.80	598.06
" " Mtce.	255.32	98.50	353.82
" " Digging	1703.10	31.98	1735.08
Grading			
Lawns, Mowing & Mtce.	489.98		489.98
" Renovating	170.38	22.80	193.18
	32.04		32.04
Light			
Lot Markers	130.22	28.71	158.93
Miscellaneous	61.45		61.45
Monument Bases	49.61	15.01	64.62
Mulching	159.29		159.29
Reclaiming Slough	82.26		82.26
Refuse Clean up & removal	62.00		62.00
Roads & Paths Mtce.	247.92		247.92
" " " New	146.09		146.09
Snow	47.51		47.51
Staking & Tying	13.80		13.80
Stores Handling & Haulage		16.12	16.12
Surveys & Plans	76.66		76.66
Tree Planting	225.68		225.68
" Pruning			
Watering	29.20		29.20
Water Service Mtce. & Reps.	121.37	61.54	182.91
" " New	48.48	64.52	113.00
Weeds	201.34		201.34
Heating Chapel		7.50	7.50
Walling Cutbanks	65.44		65.44
	5,777.20	428.98	7,206.18

17. CEMETERY NURSERY Approp. 1500.00

Cultivation	277.99		277.99
Digging	187.39		187.39
Fencing	3.85		3.85
Harvesting Produce	89.79		89.79
Hotbeds	203.52	.71	204.23
Miscellaneous	82.49	3.90	86.39
Mulching	190.47		190.47
New Stock	1,207.96	<i>Material</i>	1,207.96
Painting	23.91		23.91
Planting	233.86		233.86
Propogating	203.82		203.82
Pruning	17.80		17.80
Sales	28.61		28.61
Seed Flats Labels etc.	38.77	30.25	69.02
Seed Sowing	25.33		25.33
Seed Collecting	16.62		16.62
Staking Tying & Labelling	22.50	2.70	25.20
Stores Handling & Haulage		12.04	12.04
Stocktaking	10.95		10.95
Watering	96.60		96.60
Weeds	14.90		14.90
Preparing Seed Potatoes	24.34		24.34
	3,001.47	49.60	3,051.07

	Labor	Material	Total
18. Victoria Park Nursery Approp. 165.00			
Cultivating	20.40		20.40
Digging	15.70		15.70
Mauuring	1.00		1.00
Miscellaneous	2.20		2.20
Planting	2.60		2.60
Propagating	6.20		6.20
Seed Sowing	2.30		2.30
Weeds	5.00		5.00
	<u>55.40</u>		<u>55.40</u>
19. St. Patrick's Is. Nurs. Approp. 165.00			
Weeding, Cleaning etc.	34.98		34.98
	<u>34.98</u>		<u>34.98</u>
20. Greenhouses Appropriation 2500.00			
Buildings, Mts. & Reps.	16.27	22.86	39.13
Caretaking	227.53		227.53
Cleaning	134.46		134.46
Decorations	58.97		58.97
Fumigating		11.71	11.71
Heating		532.33	532.33
Holidays & Sick Leave	86.02		86.02
Hotbeds	26.71	44.00	70.71
Light	11.64		11.64
Miscellaneous	109.90	21.46	131.36
New Pots, Bulbs, Seeds etc.		222.99	222.99
Potting	534.73		534.73
Propagating	176.63		176.63
Rearranging	27.90		27.90
Sales	31.80	6.35	38.15
Seed Flats, labels, etc.	16.50		16.50
Seed Sowing	50.48		50.48
Staking, tying & labelling	13.70		13.70
Stores Handling & Haulage	12.35		12.35
Watering	260.41		260.41
Water Service Pipe & Repairs	7.50		7.50
Washing Pots	189.39		189.39
	<u>1,992.89</u>	<u>861.70</u>	<u>2,854.59</u>
21. Trees & Shrubs for Sale Approx. 800.00			
Expenditure	131.79	239.37	371.16
22. Sundries (Appropriation 1500.00)			
Alterations to Vacant Lots Office	9.46		9.46
Child Welfare Exhibition	23.94		23.94
Children's Shelter plan of grounds	3.05		3.05
Decorating at Ogden Con. Home	13.10		13.10
Flower Shows	63.12		63.12
Holidays & Sick Leave	155.60		155.60
Horse Hire	598.54		598.54
Imprvt to Clouston Property	29.30		29.30
Laboratory Reps.	14.00		14.00
Miscellaneous	30.95	222.99	253.94
" Sales	68.27		68.27
Loam Sales	52.93		52.93
Ogden Home Digging Potatoes	8.90		8.90
Painting	7.60		7.60
Plans, Maps, Prints	84.44		84.44
Sorting Potatoes	36.60		36.60
Storing Equipment	10.60		10.60
Stores Handling & Haulage		16.71	16.71
Stocktaking	35.40		35.40
Weed Cutting	1,044.14		1,044.14
	<u>\$2,309.94</u>	<u>239.70</u>	<u>2,549.64</u>

	Labor	Material	Total
23. Salaries (Approp. 3,569.94)			
Superintendence	1530.00		1530.00
Foreman	1080.00		1080.00
Bookkeeper	960.00		960.00
	<u>\$3570.00</u>		<u>3570.00</u>
24. Offices (No Appropriation)			
Buildg. Mtce. & Reps.	73.69	3.44	77.13
Cleaning Offices	54.46		54.46
Furniture Reps.	51.00	31.81	82.81
Miscellaneous	15.04	.53	15.57
Stenography	544.20		544.20
Recording details of Expenditure	193.40		193.40
	<u>\$931.79</u>	<u>35.78</u>	<u>967.57</u>
25. Stationery & Prtg. (Approp. 200.00)			
Expenditure		348.37	348.37
26. Stamps (Approp. 50.00)			
Expenditure		23.83	23.83
27. Transportation (Approp. 36.00)			
Expenditure		20.50	20.50
28. Stables (Approp. 1665.00)			
Harness Reps.	.83	24.00	24.23
Horsefeed	731.49		731.49
Hauling away Manure	98.11		98.11
Holidays & Sick Leave	154.39		154.39
Miscellaneous	10.25	5.30	15.55
Stable Work	41.83		41.83
Shoeing	27.11	120.05	147.16
Stores Handling & Haulage	1.65		1.65
Veterinary Services	20.00		20.00
	<u>\$1,085.06</u>	<u>149.35</u>	<u>1,234.41</u>
29. Tools, Plant & Equip. (Approp. 1250.00)			
Hire of Wagons from Stores Dept.		65.40	65.40
Misc. Tools		446.68	446.68
Motor Mowers		1110.00	1110.00
Stores Handling		41.28	41.28
		<u>\$1663.36</u>	<u>1663.36</u>
30. Mtce. Tools, Plant & Equip. (Approp. 770.00)			
General Reps. etc.	486.95	535.31	1022.26
Motor Mower Reps.		31.04	31.04
Stores Handling & Haulage		22.98	22.98
	<u>\$486.95</u>	<u>589.33</u>	<u>1076.28</u>

31. Auto Maint. (Approp. 600.00)	Labor	Material	Overhead	Total
<u>Garage Charges</u>				
Jany. & Feby.	3.10	20.22	3.98	27.30
March			7.19	7.19
April	3.27		4.56	7.83
May	5.20	3.40	1.50	10.10
June	10.10	9.56	1.97	21.63
July	6.65	28.97	5.51	41.13
Aug. & Sept.	22.89	4.11	2.62	29.62
Oct.	6.76	36.78	6.86	50.40
Nov.	17.16	26.46	5.43	49.05
Dec.	1.06		5.26	6.32
License		1.00		1.00
Insurance		4.50		4.50
	<u>\$76.19</u>	<u>135.00</u>	<u>44.08</u>	<u>256.07</u>
<u>Stores Charges</u>				
Gasoline		172.49		172.49
Oil		17.95		17.95
Misc. Material		7.03		7.03
Stores Handling		13.05		13.05
		<u>210.52</u>		<u>210.52</u>
				<u>466.59</u>
32. Water (Approp. 1800.00)				
Central Park		40.28		
Mewata "		22.56		
Riley "		10.63		
Hillhurst Athletic Park		8.71		
St. George's Island		27.00		
Golf Course		20.00		
Cemetery		134.99		
Greenhouses		23.16		
City Hall		3.86		
		<u>291.19</u>		
33. Policing (Approp. 300.00)				
Expenditure	106.20			106.20
34. Manure (Approp. 1000.00)				
Bow River Boulevard	69.33			69.33
Cemetery	196.33			196.33
Riley Park	1.80			1.80
St. George's Island	1.44			1.44
Victoria Park	440.14			440.14
West End Incinerator	98.77			98.77
Sales	35.20			35.20
	<u>\$843.01</u>			<u>843.01</u>
35. Bridgeland Farm (No Approp.)				
<u>Capital Expenditures</u>				
Cutting brush, burning grass, collecting refuse, & levelling up ground	111.36			111.36
Manuring, fall	97.11			97.11
Mowing & Rep. Bldgs.	25.19			25.19
Fencing	142.74	118.85		261.59
Surveys & Plans	7.56			7.56
Roads & Paths, Const. & Mtoe.	11.30			11.30
Flower Borders	39.65			39.65
	<u>\$434.91</u>	<u>118.85</u>		<u>553.76</u>

<u>Expenditures On Crops</u>	<u>Labor</u>	<u>Material</u>	<u>Total</u>
Manuring, Spring	160.84		160.84
Poisoning pests	3.20	2.25	5.45
Caretaking, Policing & Supervision	42.55		42.55
Miscellaneous	26.93		26.93
Planting, Cultivating & Harvest. Crops	1596.01		1596.01
Potatoes		426.36	426.36
Seeds		23.40	23.40
Hospital grounds, imprvt. in lieu of rent	96.12		96.12
Digging	6.10		6.10
Work on Business Women's National Service Corps Plot	3.00		3.00
Weeding	43.80		43.80
Refuse & Removing	12.68		12.68
Stores Handling		5.46	5.46
	<u>\$1,991.23</u>	<u>457.47</u>	<u>2448.70</u>

36. Agricultural Work General

Surveying Subdivisions & Prep.			
aring plans of vacant land	32.72		32.72
Cost of potatoes, sold to Veterans, Business Girls, & Children's Shelter		1074.40	1074.40
Hauling potatoes for Veterans etc.	26.33		26.33
Bridgeland Boulevards, Burning off grass etc.	79.77		79.77
Bridgeland " Manuring	14.17		14.17
" " Fencing	10.08	39.87	49.95
" " Miscellaneous	1.30		1.30
Sunnyside " Cleaning up refuse etc.	34.48		34.48
Manuring	5.95		5.95
Shouldice Park, Burning of weeds etc.	11.11		11.11
" " Survey for leasing	5.58		5.58
" " Plowing & Picking	35.70		35.70
" " Seeding & Harrowing	7.00		7.00
Tuxedo Park, Manuring (112 loads) for green feed	98.96		98.96
Haymaking Siley Park	39.16		39.16
" Mewats "	31.40		31.40
" Cemetery	18.30		18.30
" General	18.30		18.30
	<u>\$468.01</u>	<u>1114.27</u>	<u>1582.28</u>

	<u>Appropriation</u>	<u>Expenditure</u>
Total Appropriation	46,045.44	
" Gross Expenditure		49,868.04
Less Credits - Horse Hire	1104.30	
" " Agric. Work	3084.18	
" " Interdepartmental	914.21	<u>5,102.69</u>
Net Expenditure		\$44,765.35

REVENUE 1917

Sale of Nursery Stock	1760.25	
" " Manure	118.25	
Parks Refreshment Privileges	570.00	
Cemetery Revenue:		
Imprvt. & Mtce.		
Grave Plots	1437.55	
Lot Sales	4515.00	
Grave Digg.	2023.00	7975.55
Golf Club Fees	3005.30	13,429.35
Interdepartmental Credits		
Gross Parks Expenditure		49,868.04
Gross Credits	18532.04	<u>18,532.04</u>
Net Parks Expenditure less Interdepartmental cash <i>and</i> odtg.		<u>\$31,336.00</u>

TABLE SHOWING NUMBER & VARIETY OF PLANTS PURCHASED
AND HOW UTILIZED

Kind.	Piley Park	Bow River Boulevard	Boulevards	Hospital	Cemetery	Cemetery Nursery	Sold	Total Purchased	Total
Trees:-									
Birch, Silver			241		12		4	257	
" seedlings						960		960	
Balm,	15	90	258		72		67	502	
Poplars,		20	426	10	1		43	504	
Spruce		85	9		210	126	70	500	
	15	198	934	10	299	1086	184	2723	
Cuttings,-									
Salix Britzensis						1000		1000	
Salix viminalis						1000		1000	
						2000		2000	
Shrubs.-									
Berberis Thuabergii						12		12	
Dogwood Yellow-twigged						12		12	
Elaeagnus Longipes						11		11	
Hypericum Mosexianum						12		12	
Lonicera Morrowi						24		24	
Silac Villosa						50		50	
Spiraea Cals. Alba.						12		12	
Symphoricarpos vulgaris						14		14	
						147		147	
Shrub: Seed.-									
Actoneaster acutifolia						$\frac{1}{2}$ #			
" Frigida						$\frac{1}{2}$ #			
" Traganthoides						$\frac{1}{2}$ #			
" Tomentosa						$\frac{1}{2}$ #			
Syringa villosa,						$\frac{1}{2}$ #			

TABLE SHOWING QUANTITY OF BULBS PURCHASED AND WHERE PLANTED 1917.

KIND	Cemetery Borders	St. Georges Island	Central Pk.	Total of Plant. each kind	Total
Chionodoxa Luciliae	100			100	100
Frittilaria Melegris	100			100	100
Hyacinth Asst.) " Miniature)					
Iris English	200			200	200
" Hispanica	650	700	650	2000	2000
Lilium, auratum platypetalum	12		12	24	24
" " Vittatum vulbrum	12		12	24	24
" " Pictum	12		12	24	24
" " Witteii	12		12	24	24
" Batemanni	12			12	12
" Brownii	12		12	24	24
" Canadense	12		112	124	124
" Candidum	12		12	24	24
" Davuricum	12			12	12
" " pure yellow	12			12	12
" Elegans - aurora	12		12	24	24
" Elegans, erectum robustum	12		12	24	24
" " Incomparable	12		12	24	24
" " Leonard Joerg	12		12	24	24
" " Painted Chief	12		12	24	24
" Henryi	12			12	12
" Paodalinum	12			12	12
" Tenuifolium	12			12	12
" Umbellatum	12			12	12
Muscari botoyoides	100			100	100
Narcissi	96			96	96
Scilla, campanulata blue	100			100	100
" siberica alba	300	400	300	1000	1000
" " blue	300	400	300	1000	1000
Tulip, Breeder			700	700	700
" Cottage	200	500		700	700
" Cottage Maid	100			100	100
" Darwin	400	600		1000	1000
" Greselden	100			100	100
" Parrot		200		200	200
" Rembrandt		300		300	300
" Single Early	150	300		450	450
Hyacinth asst. 50 sold, 50 is Dec.					100
" Miniature 100" 100					200
	3124	4100	4194	8718	

Tulips bulbs from Central Pk. planted in Cemetery 2500

TABLE SHOWING NUMBER AND VARIETY OF TREES & SHRUBS TAKEN FROM CIVIC NURSERIES & HOW UTILIZED.

Kind.	Central Mewata		Riley	St. Georges	Bow River	Roulevards	Hospitals	Cemetery	Total	
	Park	Park	Park	Island	Roulevard				Plant.	Soils
TREES										
Pyrus	32								32	
Dakota Balm	8			12				13	33	50
Manitoba Maple	2				2			7	11	3
Mountain Ash										2
Norway Spruce					4			8	12	
Balsam "								37	37	
Poplar, Russian		24	20	5	52		187	18	213	158
" Wobstii							29	45	74	
	42	24	20	17	58		216	18	323	213
SHRUBS										
Artemisia				9	45			15	15	
Caragana								127	181	12
" Seeding, 2 yrs.								2	2	535
" Pygmaea								2	2	
Cornus Sibirica	14								14	
" Stolonifera										34
Currant red								8	8	6
Dogwood								20	24	26
Honeysuckle, Tartatian	4							120	120	3
" Reigel's								23	73	69
Lilac, Common	9				41			7	7	2
" Reigel's	92								92	16
Roses								5	5	
Spiraea sorbifolia					15				15	8
" Van Houtii										
Willow (from Central School)	50			50	165		10		275	
" Golden	10	62	85	50	100		19	54	371	41
" Laurel		50	10	50	185		25		320	29
" Native		61	72	100	100		10	108	451	50
" Red	25	12	72	100	125		10	136	480	125
" White	20	62	100	200	285		10	152	829	50
	174	297	339	559	1061		75	779	3284	1066

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	Central Pk.	Newsta. PK	Riley PK	St George's Island	Conventry	Green Borders	Baker Farm	Fire Halls	Green Hoop	Sold	King
HERBACEOUS PERENNIALS											
Achillea					50		60				110
Agrostemma			25	32		16	12				85
" " Dropmore Var.			50	45		80	25				200
Anthemis Tinctoria				19	178	6	28				231
Aquilegia Blue & White	200			42	12	18					272
" " Chrysantha Alba.	100			25		8					133.
" " Common				26		8	22	20			76
" " Crimson & Gold		25		20	24	10					79
" " Pink		25			10	18	8				61
" " White		25		50		30	10				115
Artemisia					15						15
Aster					30						30
" " Acria			21	25	30						76
" " Alpina					40						40
" " Novae Belgae					26		20	20			66
" " Densis					20						20
" " Fellham Blue					9						9
" " Formosissimus					39						39
" " Leavis					38						38
" " Lil Pardel					21						50
" " Mrs. Raynor			29		22						22
" " Novae Angliae Alba					30						42
" " " " Rosea					20			12			20
" " Orientalis											22
" " Ptarmicoides				22							22
" " pulchellus		20		25	150						195
" " Robert Parker					30						30
" " punctatus					50						50
" " Snowflake					60						60
" " Tartaricus					51						51
" " Top Sawyer			22		25						47
" " White Queen					90		25				115
Campanula Carpatica				41	25	10					76
Canterbury Bells						22					22
Cerastium						21					21
Chinese Barkspar						3					3
Chrysanthemum King Edward 7th.						14					14
" " May Queen, white.		30		50		26					106
" " Mrs Lothian Bell		30		20		8					58

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HERBACEOUS PERENNIALS -2-

	Central Pk.	Mewata Pk.	Reley Pk.	Sr Geo Island	Cemetery	Com. Bord.	Dag Farm	Pire Gen Hall Hosp.	Total of each kind.
Delphinium Bella Donna				25		26			51
" Formosum				26		17			43
" Hybridum			35	30			12		77
Digitalis						12			12
Eryngium Planum				55		8			63
Funkia undulato-medio var.		20		30					50
Galium verum					72				72
Gallardia						14			14
Golden Glow		20		30		10	50		110
Gypsophila paniculata				25		8			33
Helianthus Multiflorus					150			30	180
Heimerocallis						6			6
Hollyhocks	10					38			48
Iris Canadensis		20		100		5			125
" Psued-acrus						11			11
" Fontainebleu						9			9
" Ignatius				35					35
" Navoi King						12			12
" Mixed	70								70
" Pinator			45			10		20	75
" Queen of the Gipsies					100	9			109
" Siberica	80	20	50	100		26		20	356
" Versicolor		20	50	85		10		10	175
Lychnis Chalceodonica			25	30					55
" Haageana			25	65	18	25			133
Malva Moschata			35	24		6	16		81
Papaver Pinosum			25			4	14		43
Peony			25			6			31
Physostegia			40	45	45	55			185
Pinks Single	100			60	12	14	18		204
Poppy Hybrid		20	20	50	20	12		30	142
" Iceland				88	30	25	60	20	223
Poppy Marie Studholme						5			5
" Mrs. Perry				20		6			26
Oriental White				10		14			24
" Salmon				30		15			45
" Scarlet Mammoth						8			8
Pyrethrum double			25	62	25	40			152

<u>HERBACEOUS PERENNIALS-3-</u>	Central Pk.	Mewata Pk.	Riley Pk.	St. Geo. Island Cemetery	Cem. Borders	Rdge. Farm	Fire Halls	Gen. Hosp.	Sold	Total Each Kind
Pyrethrum Single			50	120		6	35			211
Ranunculus	22	20	50		48	62	50	25		277
Silene Orientale				30	80	28				138
Solidago Aspera					115	14		25		154
" Canadensis					150	12		25		187
" Shortid				33		6				39
Sweet Rocket			165	60	25	18	75	6		349
" William			150	110	120	48	45	16		489
Verbascum Phoeniceum			25	80		12				117
Veronica spicata				62		25				87
Perennials assorted								400		400
"									2008	2086
	582	140	1091	2013	2105	995	583	339	400	2086
<u>VINES</u>										
Ampelopsis									4	4
Clematis			12			28			26	66
Hops	48					50			120	218
	48		12			78			150	288