

Report
of
George L. Cade
Superintendent of Streets.

City of Cambridge Dec. 17th 1873

To the Honorable City Council:—

The undersigned asks leave to submit for your
consideration his Tenth Annual
Report.

Streets and Paving

The Appropriation for Streets and Paving for
the financial year ending November 30th 1873

was ----- \$182,000.00

Amount Expended ----- 181,998.57

\$1.43

Amount received and paid to Treasurer \$2,889.93

The Appropriation for this Department has been
expended as follows:—

Incidentals, Shovels, Harnesses, Horses, Supts. Salary	\$3,605.69
Gravel and Stone	12,660.31
Labor with Men and Teams	55,216.64
Iron work and Repairs on Carts, &c.	2,405.22
Hay and Grain	4,386.52
Lumber	1,101.84
Edgestone, Paving, Brick &c.	99,314.11
Horse shoeing	712.73
Hardware &c.	436.21
New Engine, Boiler Masonwork &c.	2,159.30
	<u>\$181,998.57</u>

There have been twenty orders passed for Sidewalks and Paving the past year, all of which with the exception of Bridge Linnean and Pleasant Streets have been completed at the following cost including grading.

On Bridge and Cambridge Streets	\$72,000.46
" Columbia Street	1,000.00
" Chester "	889.28
" Dana "	1,854.89
" Ellery "	2,082.65
" Forrest "	4,262.91
" Inman "	664.00
" Green "	2,312.23
" Main " (three orders)	4,257.96
" Sacramento "	4,957.20
" Trowbridge "	2,474.42
" Western Avenue	3,123.28
" Warland "	800.00
" Winsor, Market and Columbia Streets	7,031.19
" Pleasant Street	1,894.74
In front of Drinking Fountains	1,540.00
On Linnean Street	1,134.71
" Water "	<u>3,766.61</u>
	\$116,046.53

I consider it my duty to again call your attention to the public necessity of making extensive improvements on River Street by the construction of at least one sidewalk on said street its entire length, say on the northwesterly side.

There is not a street on the south side of Main Street, where there is so much travel, and I believe it is in the worst condition of any that runs in a southerly direction, and must necessarily be so until the obstructions are removed, and a proper sidewalk laid.

I think I can say without fear of contradiction, that the Streets of Cambridge are in better condition, as a whole, than on any previous year. No action has been taken during the past year in relation to the lines of Brighton Street in Ward One, as was suggested by me in last year's report. I think that public necessity requires that the lines of said street should be straightened at least. During the past year there have been 55,520 yds. of Paving laid and 33,043 ft. of Edgestone set. Assessments have been reported for collection to the amount of \$15,669.46

I would again call your attention to the necessity of commencing to pave some of our principal streets; it would without a question of doubt be true economy for the City so to do. Main Street, especially, should be paved the coming year, at a cost of about \$100,000. Additional facilities for the breaking of Stone have been added this year and work entirely satisfactory.

The regular force employed by the City in the Street Department, at the present time is forty-three (43) men and twenty-four (24) horses.

It will be impossible to estimate the amount of appropriation that will be required, in this Department, for the present financial year commencing November 1st, unless to know what it is proposed to do. Petitions are now in the hands of the Committee on Roads and Bridges, for sidewalks on several streets, which I estimate will cost, including the cost of a sidewalk on one side of River Street to Blackstone Street, not less than \$26,000.00 including grading.

If these several orders are passed, also an order for the paving of Main Street - as suggested, an appropriation of not less than two hundred thousand dollars will be required for Streets and Paving for the year 1874.

I cannot close without suggesting that some stringent Ordinance be passed, to prevent the streets of the City being left in such dangerous condition as they often are after the digging up of the same for Sewers and Drains, Water and Gas pipes. With proper care and attention they can be left safe and convenient for public travel.

The following streets have been graded during the the past year:

Autumn	Street from Broadway to Cambridge
Allston	" partially
Auburn	" "
Austin	" "
Baldwin	" "
Brattle	" "
Brewery	" in Washington St. District, its whole length
Broadway	partially
Brookline	" "
Cambridge	" "
Charles	" from Third to Fifth
Charles River	" partially
Church	" its whole length
Clark	" partially
Columbia	" "
Concord	Avenue
Cottage	Street from Paul to Magazine
Dana	" partially
De Wolf	" "
Dublin	" "
Ellery	" "
Elm	" from Harvard to Cambridge.
Fayerweather	" partially
Fifth	" " Charles to Spring
Gov.	" " Gore to Winter
Forest	" " North Avenue to Oxford.
Fourth	" partially

Franklin	Street— from Sidway to Brookline
Do.	" " Bay to Putnam
Front	" partially
Garden	" "
Gore	" "
Green	" from Bay to Putnam
Hancock	" partially
Harrison	" in the Washington St. Dist., its whole length
Harvard	" partially
Hastings	" in the Washington St. Dist., its whole length
Highland	" partially
Holyoke	" "
Inman	" "
Kent	" now Putnam Avenue, its whole length
Kirkland	" partially
Lee	" "
Lincoln	" from Elm St. to Webster Avenue
Linnean	" partially
Magazine	" "
Main	" its whole length
Market	" partially
Moore	" in the Washington St. District from Main to Harvard
Mt. Auburn	" partially
Norfolk	" "
North Avenue	"
Oxford	" "
Pearl	" "
Portland	" from Main to Cambridge.

Prospect	Street	partially
Putnam	"	now Putnam Avenue, partially
River	"	partially
Sacramento	"	from North Avenue to the Smarville Line
School	"	partially
Second	"	"
Sick	"	"
South	"	"
Spring	"	"
Spruce	"	"
Suffolk	"	its whole length
Third	"	partially
Trowbridge	"	from Main St. to Broadway
Walden	"	partially
Walnut	"	now Putnam Avenue partially
Washington	"	partially
Webster Avenue		"
Western	"	"
Winsor	Street	"
Winter	"	"
Worcester	"	"

The names of the following Streets and Places have been changed the past year.

Chestnut Street in Ward One to Charles River Street
and again changed to Plympton "

Murdoch Place (from 245 Mt. Auburn St.) to Camden Place

Norton " to Currier Place

Rice " " Maynard "

Common

Willard Place to Foster Place

Highland Street to High and again to Highland Street

Irving Place to Brown Street

Baldwin Court to Nichols Place

Nichols Place (from 35 Baldwin St.) changed to Commons Place

" " (" 21 " ")

Everett Place to Ash Street

Gardner Court-Ward One to Nutting Place

Munro Street to James Street

Preston " " Frowbridge Street

Court " " Third

Livermore " " Union

Chestnut-Place " Percy Place

Reed's Lane " Derby Lane

Lambert Street " Carson Street

Franklin Alley " Dailey Alley

Munroe " " Walker Place

Brooks Street " Lawrence Street

East Perry " " Decatur "

" " " Court " " Court

Kelly Street " Brooks Street

" Place " " Place

Clark's " Cherry Court

Dana Court " Central Place

State Street from Main to Front changed to Front Street

Somerset-Place to Emerson Place, and afterward

the name Emerson Place was abolished

Murdock Court to News Court

Washington " " Hayes "

Short-Street and Fremont-Street to Pond-Street
" afterwards changed to Fairmont "
Porter " Ward Four to Somerset-Street
Webster " to Upton-Street
Cottage " Ward Five to White-Street
Harrison-Court to Wright-Street
Walnut-Avenue " Shawmut-Avenue
Putnam-Street " Putnam "

Since my last Annual Report the following Streets have been widened or extended

⁶ <u>Name</u>	⁵ <u>Date</u>	³ <u>Width</u>	¹⁴ <u>At what portion</u>	⁵ <u>Cost including Grading</u>
Austin	Sept. 24 th '73	49 ft.	South side, at junction of Main St.	\$500.00
Do.	Jan. 3 rd '73	49 "	North " from Main to School "	1478.58
Green	Nov. 4 th '73	40 "	From Pleasant to Bay "	8,286.50
Do.	Oct. 27 th '73	40 "	" Brookline to Pearl	7,072.90
Washingt.	July 9 th '73	30 "	" Moore St. to J. R. Road, damages.	200.00
West	May 9 th '73	50 "	" River St. to W. Avenue, Grading only.	500.00
Lincoln	Sept. 19 th '73	40 "	" Elm " Webster Avenue	1696.50
Norfolk	Dec. 20 th '72	40 "	East side North of Washington	160.00
Prospect	Oct. 15 th '73	50 "	From Main to Austin	7,096.75
Washington	June 17 th '73	40 "	" Moore " Windsor	2766.63
Worcester	Sept. 19 th	32 "	" Norfolk " Columbia	607.87
Walnut	Apr. 5 th	50 "	" River " Pleasant	8752.60
Watson	Dec. 6 th	40 "	" Pearl " Brookline	2,114.40
				\$41,282.73

The following Streets have been accepted, laid out, and established:

Name	Date 1873.	Width.	
Aurion	July 24 th	40 ft.	Broadway to Cambridge.
Coggswell Avenue.	June 5 th	40 "	North Avenue "the Fitchburg Railroad.
Cottage	July 24 th	40 "	Magazine " Pearl "
Charles	" 24 th	50 "	Third " Fifth "
Elus	May 9 th	40 "	Harvard " Cambridge.
Franklin	Oct. 30 th	40 "	Brookline " Sidney
Fifth	July 24 th	50 "	Charles " Spring.
Do.	" "	50 "	Gore " Winter
Florence	Dec.	40 "	Magazine " Pleasant
Green	Oct. 27 th	40 "	Brookline " Pearl.
Do.	Nov. 4 th	40 "	Pleasant " Bay.
Hastings	July 9 th	30 "	Moore " G. F. Railroad
Harrison	May 9 th	30 "	Main to Washington Street
Kent	" "	50 "	River " Western Avenue
Lincoln	Sept. 19 th	40 "	Elus " Webster "
Lawrence	Dec.	40 "	Magazine to Pearl
Mead	June 5 th	40 "	Walden to Coggswell Avenue
Mellin	July 24 th	50 "	North Avenue to Oxford Street.
Norfolk	June 23 rd	40 "	Wampshire to Cambridge.
Pleasant	Oct. 22 nd	40 "	River to Florence
Perry	Dec.	40 "	Magazine to Pearl
Sparks	July 24 th	40 "	Mt. Auburn to Brattle.
Sidney	Oct	40 "	Front to Auburn
Trowbridge	June 2 nd	40 "	Harvard to Broadway.
Upton	Oct. 14 th	40 "	Magazine " Pleasant.

Name	Date 1873.	Width	
Newdell	June 2 nd	50 ft.	North Avenue to Oxford
Walnut	April 5 th	50 "	River to Pleasant.
Watson	Dec. 6 th	40 "	Pearl " Brookline

Schedule of Property

22 Horses	8,000.00
24 Cart and Chain Harnesses	1,000.00
15 Carts	1500.00
2 Express Wagons and Harnesses	250.00
1 Set Runners	75.00
1 Plough	5.00
Utensils for Work on Streets &c	300.00
Stable Furniture	50.00
Stone Crusher and Steam Engine &c.	4000.00
10 Snow Ploughs	200.00
3 Stone - Rollers	950.00
4 Slide	300.00
	<u>\$16,630.00</u>

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The Appropriation for Bridges for the financial
 year ending November 30th 1873 was \$10000.00
 Amount expended 9547.52
 Balance unexpended \$452.48

The following is a list of the several bridges,
 exclusive of the West Boston and Canal
 Bridges, on which repairs have been made
 during the past year.

Prison Point Bridge.

Third Street "

Sixth " "

Brookline "

River Street "

Western Avenue "

Cambridge Great "

Fitchburg Railroad Bridge North Avenue.

The most of these will require considerable
 repairs in the Spring, with the exception
 of the Third and Sixth Street Bridges,
 which have been partially rebuilt at
 an expense of about eight thousand (\$8,000.)
 dollars.

No action has as yet been taken by either
 Charlestown or Cambridge toward the
 rebuilding of Prison Point Bridge, in order
 to carry out the act of the Legislature so to do.

Owing to the filling up of the flats upon both sides of this Bridge, it will be necessary to make some provision for surface drainage, and then it will be economy to pave the same.

An Appropriation of not less than \$12,000.00 will, in my opinion, be required for bridges, to meet the cost of ordinary repairs for 1874.

Respectfully submitted

George L Cade
Superintendent of Streets.

In Board of Aldermen, Dec. 17, 1873.
A copy of the above to be printed with the next City Documents.

Sent down for concurrence.

Attest, Justin A. Jacobs, City Clerk

In Common Council Dec. 17, 1873.

Concurred.

Attest.

J. W. Cotton, Clerk.

approved, Dec. 19, 1873 -

Isaac Bradford
Mayor.

Report of 129
Spt of Streets
Dec 17. 1873