

THE CITY OF PROVIDENCE
STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

RESOLUTION OF THE CITY COUNCIL

No. 42

Approved February 12, 1976

RECEIVED
CITY CLERK
FEB 12 1976

RESOLVED, that the Finance Director is requested to honor, from the Mary Elizabeth Sharpe Tree Fund, the emergency work performed on certain Elm trees located upon grounds of the Old State House, 150 Benefit Street, Providence, in the amount of Five Hundred Thirty Two Dollars and Fifty Cents, (\$532.50).

IN CITY COUNCIL

FEB 5 1976
READ AND PASSED

Robert J. Rafter
PRES.
Vincent Cooper
CLERK

APPROVED
Vincent Cooper
MAYOR
FEB 12 1976

RECEIVED
FEB 2 1976
CITY CLERK

RECEIVED
FEB 2 1976
CITY CLERK

IN CITY COUNCIL

SEP 18 1975

FIRST READING

REFERRED TO COMMITTEE ON

FINANCE

Vincent Vespa

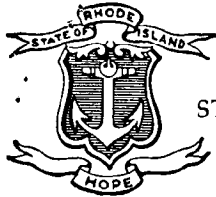
*Councilman Bradshaw,
by Request*

THE COMMITTEE ON

FINANCE

Approves Passage of
The Within Resolution

Vincent Vespa
Clerk
1/22/76



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

HISTORICAL PRESERVATION COMMISSION

Old State House
150 Benefit Street
Providence, R. I. 02903
(401) 277-2678

TO: WILLIAM BRADSHAW, COUNCILMAN

FROM: MRS. GEORGE E. DOWNING

DATE: SEPTEMBER 15, 1975

RE: EMERGENCY ELM TREE TREATMENT PROGRAM FOR OLD STATE HOUSE PARADE

The total cost of emergency work performed on the elm trees at the Old State House is \$1065.00. Fifty percent of this amount or \$532.50 is to be paid by the Rhode Island Bicentennial Commission and it is hoped that the remaining fifty percent will be paid for by the Mary Elizabeth Sharpe Tree Fund.

Attached is a copy of the first bill presented by Lowden, Inc. It includes \$75.00 to be paid by the Rhode Island Historical Preservation Commission and \$865.00 in emergency work. A second bill of \$200.00 for sampling and culturing of the elm trees will follow shortly.

Also attached is a cost itemization proposed by Lowden, Inc. for the entire tree program at the Old State House.

COST ITEMIZATION FOR OLD STATE HOUSE TREE PROGRAM

I. WORK COMPLETED AUGUST-SEPTEMBER, 1975

A. <u>Consultant fees</u>	\$ 75
Paid by Rhode Island Historical Preservation Commission	
B. <u>Removal of diseased elm tree</u>	No charge
Service provided by R. I. Department of Transportation	
C. <u>Sampling and culturing of elm trees</u>	200
To be funded 50% by Sharpe Tree Fund/ 50% by R. I. Bicentennial Commission	
D. <u>Injection of Ceratocide in ten trees</u>	865
To be funded 50% by Sharpe Tree Fund/ 50% by R. I. Bicentennial Commission	

II. WORK PROPOSED FOR FALL, 1975

To be funded 50% by National Park Service
funds/50% by R. I. Bicentennial Commission

A. <u>Injection of Ceratocide in ten trees</u>	\$ 865
B. <u>Deep root fertilization of ten trees</u>	400
C. <u>Pruning of sugar maple</u>	150
D. <u>Bark tracing wounds on 4 elm trees</u>	230
E. <u>Repair of roots and grading</u>	350

III. WORK PROPOSED FOR 1976

To be funded 50% by National Park Service
funds/50% by R. I. Bicentennial Commission

A. <u>Spraying of elms with 2% Methoxychlor</u>	\$ 250
B. <u>Spraying of elms with 1% Methoxychlor</u>	250
C. <u>Injection of elm trees with Ceratocide</u>	765

TOTAL \$4,500

SUMMARY OF FUNDING SOURCES

Rhode Island Historical Preservation Commission	\$ 75.00
Sharpe Tree Fund	532.50
Rhode Island Bicentennial Commission (federal funds)	532.50
Rhode Island Bicentennial Commission (local, state, or private funds)	1,680.00
National Park Service	<u>1,680.00</u>
TOTAL	\$4,500.00



STATE OF RHODE ISLAND

HISTORICAL PRESERVATION COMMISSION

Old State House
150 Benefit Street
Providence, R. I. 02903
(401) 277-2678

August 25, 1975

Dr. Carl Stenberg, Mayor's Special Assistant
City Hall
Providence, Rhode Island 02903

Dear Dr. Stenberg:

As I reported in our conversation about the trees in front of the Old State House on North Main Street, one of the trees has Dutch Elm Disease and should be removed. I hope that the city can do this for us, and since the tree is diseased, I also hope that it can be taken down as soon as possible. I am waiting for Mr. Plante to return to his office so that, as you suggested, I can discuss the problem with him. I have already talked with Mr. Hartman who recommended that I talk with you.

Besides this tree there are other serious problems at this site. We have called in Lowden, Inc. who have recommended a two-year program for the care of the trees which will come to about \$5,410.00. Our Commission and the Bicentennial Commission can match this with grant money, and the state will also be able to help. However, there is some work which, if we are to protect the remaining elms, should start immediately. I am enclosing the Lowden estimate and have circled the work they think should not wait until the grant is processed. This amounts to \$1,100 above the cost of removing the dying elm. Because this is an emergency situation, Pat Conley, Chairman of the Rhode Island Bicentennial Commission has given his approval for starting the work Tuesday, August 26. He assures me that the Bicentennial Commission will underwrite the cost if need be. However, I would like to ask the city to pay for half of this \$1,100 (or \$550) from the Sharpe tree fund.

The Old State House Parade is a very important site for the city's own Bicentennial program. After we get the emergency work done, I would like to propose a shared plan for securing the grant needed for the rest of the work and to make a plan with city help to improve the Old State House Parade as a Bicentennial project.

Yours very truly,

(Signature of George E. Downing)
Mrs. George E. Downing
Chairman

AD/af
Enclosure

August 25, 1975

Mrs. Henry Sharpe, Jr.
Red Roof
Weirhaven Farm
Sorrento, Maine 04677

Dear Peggy:

I am sending you a copy of a letter from Lowden, Inc. about the Old State House trees together with a letter I have written Dr. Stenberg of the Mayor's office asking for help.

I have just finished talking with Mr. Plante who tells me the city can't take down the elm, so I am trying to get Bill Dugan of the State Buildings to do this right away. As you can see, we need more help, and I hope that some of the Sharpe tree fund can be used for this since the State House Parade is such an important site. Please put in a kind word for us.

So sorry about Mrs. Sharpe's terrible accident. Give her my love. I'm getting a note off to her.

Yours very truly,

Mrs. George E. Downing
Chairman

AD/dn

Enclosures

LOWDEN, INC.

16 FRANKLIN STREET
NEEDHAM HEIGHTS, MASSACHUSETTS 02194
(617) 444-0402

HENRY F. DAVIS
PETER M. FLEMING
JOHN P. RE
JOSEPH W. BRINE, JR.
CONSULTING ARBORISTS

August 18, 1975

FRANCIS J. TOWNSEND
INSECT AND DISEASE CONTROL
ARTHUR C. COSTONIS, PhD
DIRECTOR
RESEARCH AND DEVELOPMENT

Mr. Richard Dow
Rhode Island Historical Preservation
Commission
Main St.
Providence, RI

Dear Mr. Dow:

Ten (10) elm trees and one sugar maple on the Commission's property were reviewed on August 15, 1975. Enclosed please find a diagram of the property. Refer to the map for reference.

Recommendations to Preserve These Trees

These recommendations are listed in the order of the highest priority, i.e. #1 is more urgent than #2, etc., although it would be best to implement all of the procedures for maximum results.

PHASE I (1975)

1. Tree #10 should be removed immediately in 1975. ✓
2. All elm trees must be sampled and the samples cultured.
- / Sampling and culturing costs.....\$200.00
3. The use of the experimental Ceratocide in nine (9) of the elm trees and the sugar maple. The trees should be injected with 5 gallons each of Ceratocide once in August and once in September 1975. Cost per injection is \$85.00.

Total costs for 9 trees.....\$1,700.00
4. Physical trenches must be established between the root systems of trees 1 and 2; 7 and 8; 9 and 10.

Estimated trenching costs.....\$150.00

5. Ten (10) elm trees and the one sugar maple should be deep root fertilized in November of 1975 with a 75% organic/25% inorganic fertilizer.

Estimated costs for labor and material.....\$280.00

6. The sugar maple should be pruned in November 1975.

Estimated costs.....\$150.00

7. Bark tracing wounds on 4 elm trees.

Estimated costs.....\$100.00

1975 Total Estimated Budget.....\$2,580.00

PHASE II (1976)

1. Spray program

- (a) 2% Methoxychlor (32.4% E.C.) applied to all 9 elms with hydraulic machines in April.

Estimated costs.....\$250.00

- (b) 1% Methoxychlor (32.4% E.C.) and Malathion spray applied with a hydraulic machine in mid June of 1976.

Estimated costs.....\$250.00

Total Estimated Costs for Spray Program.....\$500.00

2. Inject all nine (9) trees with Ceratocide in April 1976 at a cost of \$85.00/tree.

Cost.....\$765.00

Reinject in July only if trees warrant it.

Cost.....\$765.00

3. Fine and structurally prune all elm trees in November of 1976.

Estimated Costs.....\$800.00

1976 Total Estimated Budget.....\$2,830.00

PHASE III

At the end of 1976 a decision will be made on a maintenance program for these trees. It must be emphasized that at least

one biological year is required to define how rapidly Dutch elm disease is moving in a given elm population. It is felt that the majority of the trees at the Commission grounds can be preserved. If the Commission would like to replace tree #10 with a mature American elm we can do this. Costs can be discussed. Lowden can also discuss any lawn program you might want to undertake including subterranean irrigation.

In sum, the Commission must committ itself to at least a two (2) year budget of approximately \$5,000.00 to maintain these trees otherwise the majority will be lost by 1978 at an approximate cost of \$400.00/tree to remove them or \$3,600 for stumps in addition to a replanting program of at least three to four thousand dollars.

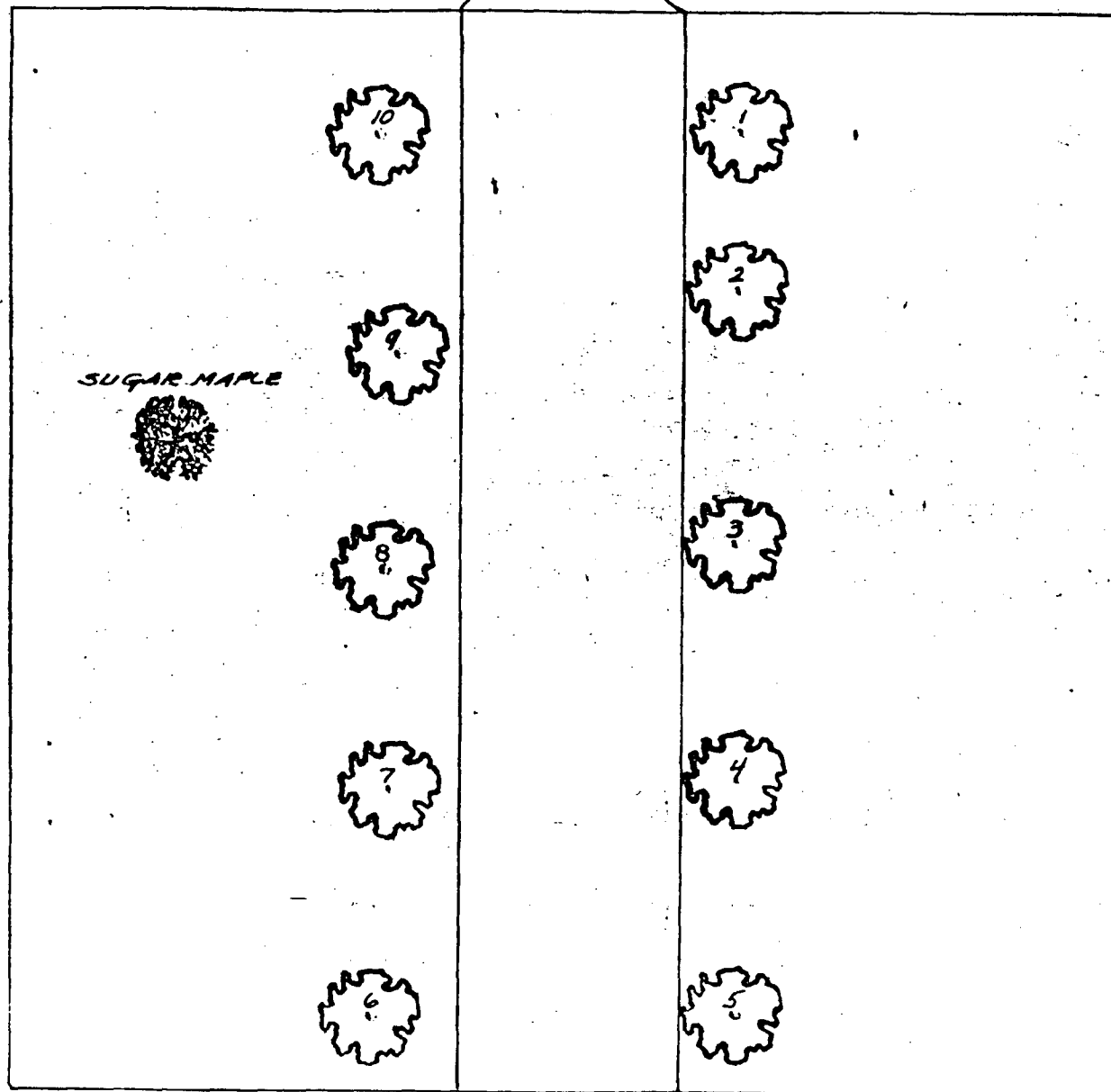
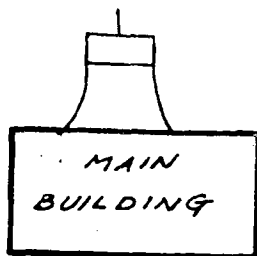
It is my opinion that a committment should be made to preserve these trees. If you have any questions please feel free to contact me.

Sincerely yours,

Arthur C. Costonis

Arthur C. Costonis, Ph.D.
Director of Research and Development

ACC/jaz



MAIN STREET

*Rhode Island Historical Preservation
Commission*

PROVIDENCE, RHODE ISLAND
AUGUST, 1975 NOT TO SCALE

EMERGENCY ELM TREE TREATMENT PROGRAM FOR OLD STATE HOUSE PARADE

TREE MOVING - FERTILIZING - PRUNING - LANDSCAPE CONSTRUCTION - SPRAYING

LOWDEN, INC.

16 FRANKLIN ST./NEEDHAM HEIGHTS/MASS. 02194

Telephone 444-0402

NURSERY - WESTWOOD

ELM INJECTION
PROGRAM

Rhode Island Historical Preservation Commission

INVOICE

TO:

150 Benefit Street

Providence, R. I. 02912

ATT: MRS. SULLIVAN

AMOUNT
ENCLOSED

PLEASE DETACH AND RETURN TOP PART WITH PAYMENT FOR PROPER CREDIT.

\$

CHARGE SLIP NUMBER	BILLING DATE	JOB DATE	PREVIOUS ACCOUNT BALANCE	CODE		CHARGE	CREDITS	BALANCE DUE
2,822	SEP 8	58.26	75.00	3	#1	85.00		
2,824	SEP 8	58.26	160.00	3	#2	85.00		
2,825	SEP 8	58.26	245.00	3	#3	85.00		
2,826	SEP 8	58.26	330.00	3	#4	85.00		
2,827	SEP 8	58.26	415.00	3	#5	85.00		
2,828	SEP 8	58.26	500.00	3	#6	85.00		
2,829	SEP 8	58.26	585.00	3	#7	85.00		
2,830	SEP 8	58.26	670.00	3	#8	85.00		
2,831	SEP 8	58.26	755.00	3	#9	85.00		
2,832	SEP 8	58.26	840.00	3	MAPLE	100.00		
								940.00
								-75 pd by R.I.H.P.C.
								865 00

CODE

1. SAMPLING TREE
2. LABORATORY CULTURE
3. INJECTION TREATMENTS
4. CONSULTATION
5. OTHER

REPORT OF LABORATORY CULTURE WILL FOLLOW

ALL CLAIMS FOR ADJUSTMENT OR ERRORS MUST BE REPORTED
WITHIN 10 DAYS. NO ADJUSTMENT WILL BE CONSIDERED ON ANY
ACCOUNT NOT PAID WITHIN 30 DAYS OF INVOICE DATE.

LOWDEN, INC.

NEEDHAM HEIGHTS, MASS.

ACCOUNTS REMAINING UNPAID AT THE END OF THE MONTH FOLLOWING THE MONTH IN WHICH
THE BILL IS ISSUED WILL BE SUBJECT TO A FINANCE CHARGE OF 1% PER MONTH. THIS IS
AN ANNUAL PERCENTAGE RATE OF 18%.

#130

LOWDEN, INC.

16 FRANKLIN STREET
NEEDHAM HEIGHTS, MASSACHUSETTS 02194
(617) 444-0402

HENRY F. DAVIS
PETER M. FLEMING
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FRANCIS J. TOWNSEND
INSECT AND DISEASE CONTROL
ARTHUR C. COSTONIS, PhD
DIRECTOR
RESEARCH AND DEVELOPMENT

September 8, 1975

Mr. John Nicholas Brown
50 South Main Street
Providence, Rhode Island

Dear Mr. Brown:

The reason for my writing this letter is to advise you of the success we have realized with regard to stopping the spread of Dutch Elm Disease "on the hill" and most particularly with regard to all the valued elm trees on the property of Brown University.

As of my inspection in August of this year, and for the first time, I believe, in almost ten years, there is no new outbreak of Dutch Elm Disease in any of the valued elms owned by the University and under our program of protection.

Also, I want to state here that there has been a significant degree of cooperation realized by the private, abutting property owners and the City to remove adjacent diseased elms. This has resulted in the number of abutting diseased elms being substantially reduced. At this particular time, I can only count four possibly infected or diseased elms within a half mile of the Tower Clock.

Without the combined interest and effort of all those I have copied on this correspondence, and, of course, your initiation of the overall project, this success could not have been realized.

We are pleased to have the opportunity to be part of this ongoing program and appreciate the confidence you have shown in our efforts.

Sincerely yours,

LOWDEN, INC.

Henry F. Davis, III
Henry F. Davis, III

HFD/esm

C.C. / Mrs. Henry Sharpe, Jr. } Representing Providence Street Tree
Mr. Thomas Snedden } Advisory Committee which assists in
Mr. Chan - Brown U. } administering the MES Street Tree Fund
Dr. Donald Hornig } whose donations are matched by City Council