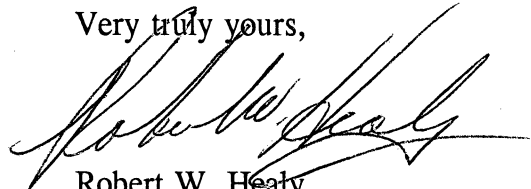


The Honorable, The City Council
February 28, 1994
Page 2

At a recent "storm debriefing" with all involved departments, we began development of a Snow Bulletin to be dispensed with the resident sticker program. The pamphlet will discuss issues such as sidewalk shoveling responsibility and penalty, parking rules, snow emergencies, towing, ticketing, school issues and neighborly cooperation.

We ask the Council and the public for your cooperation and patience. This has been an extraordinary winter and our employees have worked extraordinary hours in severe conditions. We are always open to constructive and achievable suggestions and look forward to the discussion at tonight's hearing.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Robert W. Healy". The signature is written in dark ink and is positioned above the printed name and title.

Robert W. Healy
City Manager

RWH/mev
attachment

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TO: All DPW Managers
FROM: Ralph E. Dunphy
Deputy Commissioner

DATE: November 1, 1993

Re: **INSTRUCTIONS AND PROCEDURES FOR
SALTING AND SNOW REMOVAL
OPERATIONS**

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

I. General

1. The Radio Room Dispatcher on all shifts shall immediately notify the Duty Supervisor when snow begins to fall. The Dispatcher shall immediately notify the Duty Supervisor of all updated weather conditions.
2. Weather forecasts shall be posted in the Radio Room daily and a copy shall also be posted in the Foreperson's Room. Copies of the weather forecasts shall be given to the Commissioner, Deputy Commissioner, Superintendent of Streets and the Duty Supervisor as they come in. A copy of the weather forecast shall be faxed to the City Manager's Office.
3. In the case of a snow alert, as determined by the Duty Supervisor, Forepersons shall be notified, as well as, Operators and Mechanics. They shall report immediately to the Yard and shall sign in upon their arrival.
4. During salting or plowing operations, any vehicle that breaks down or which has severe mechanical or safety problems shall immediately be reported to a Supervisor or Foreperson. The Supervisor or Foreperson shall immediately contact the Mechanic in Charge and inform him of the problem. It is the responsibility of the Mechanic in Charge to indicate to the Supervisor or Foreperson that the repair is completed. The Supervisor will then contact the driver of the recently repaired vehicle and assign him duties immediately.



5. The Yard must be kept open during Snow Operations in order to accommodate the delivery of salt and sand.
6. The Water Department shall be contacted for use of their vehicles as appropriate and necessary during Salting/Plowing Operations, as well as, Danehy Park Pick Up Truck #1 .

II. Salting Operations

1. During Salting Operations the Snow Duty Supervisor shall assign one Highway Foreperson and two Working Forepersons according to a rotating schedule for the winter months.
2. The Forepersons shall be responsible for insuring that the Individual Equipment\Material Cost Forms are issued for each Operator (see attached example on page 13).
3. Forepersons shall ensure that Salting Units have the gate opened to the correct height, depending on the type of storm. Normally this means that the opening shall be no more than from 1" to 2" for snow and 1" for sleet. If more salt is needed, check with the Duty Supervisor or the Superintendent of Streets. (Remember that an excessive application of salt is not necessary and will cause harm to the environment.)
4. It is the responsibility of the Forepersons to be in their designated sections to check the vehicles and their routes. The Forepersons are responsible for ensuring that all Operators are properly applying salt or pickled sand as directed.
5. Each salter truck must have a plastic route map and an Individual Equipment\Material Cost Form before leaving the Yard, and each Operator shall be assigned a specific salt route by the Duty Supervisor.
6. All Forepersons shall be certain that they have fuel cards for the equipment assigned to them and that they have a key to the Sherman Street Gate when loading salt and sand there.
7. Operators and Mechanics shall assist in the mounting of Salters, day or night.

8. Salters are not to be left out in the Yard unless under specific order of the Forepersons or Duty Supervisor.
9. Salters are to be washed according to the rotating assignments under the direction of the Duty Supervisor.
10. All Operators shall fuel the vehicles and perform a circle check both before and after their shift.
11. Salters and radios shall be tested with the Radio Room Dispatcher before leaving the Yard. If problems are experienced, the Foreperson should be notified and the problem repaired.
12. Salt gates shall be adjusted so as to not to waste salt. Salt vanes should be adjusted so the street is covered without hitting cars parked on the side.
13. The underbody scrapers shall be used under the direction of the Duty Supervisor. At this time the first scrape should be in the center of the street.
14. All main streets shall be treated with straight salt or calcium chloride when directed by the Duty Supervisor; side streets shall be treated with pickled sand. If it becomes necessary to change this procedure, Forepersons will alert all trucks.
15. Forepersons may use personnel on all shifts as required.
16. All Personnel called in to operate a salter must report to the Yard and sign in on the time sheets provided. When Staff leave the Yard and their tour of duty is finished, they shall sign out as well.
17. Personnel shall not leave their assigned Duty Station or Route until told to do so by their Foreperson.
18. It is the responsibility of the Forepersons and Salt Operators/Loading Operator to keep a tally on the number of loads of salt and/or sand used for each truck.

III. Snow Plowing Operations

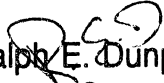
1. During Snow Plowing Operations each Snow Plowing Section shall be staffed by One Supervisor and One Highway Foreperson, and two Working Forepersons as required, who shall be responsible for work being done in the various sections (including the use of Contract Equipment). The Foreperson shall be responsible for assuring that a mileage slip and a material slip are issued to each Operator, (see attached example on page 13).
2. Plowing the eight (8) routes shall go into effect under the direction of the Duty Supervisor and the Superintendent of Streets.
3. When it becomes necessary to call in Contractors to do plowing, the trucks shall be sent directly to the district and told to report to the Supervisor in that area:
 - a. Time slips shall be made out for Contract Equipment to record the exact time that they begin and end their work. (See attached example on page 35.)
 - b. Each Contract piece of equipment shall have door signs attached to both the front doors by the Supervisor of each section.

IV. Snow Shoveling Operations

1. The Duty Supervisor and/or the Superintendent of Streets shall assign crews that will be responsible for shoveling and/or salting and sanding sidewalks in front of Municipal Buildings, Schools, Bridges, Parks and Open Spaces and the homes of residents on the snow exemption list. (See page 38.)
2. Municipal Buildings and School sidewalks shall be cleared to a minimum of three feet in width.
3. Handicapped Parking Spaces and ramps in front of Municipal Buildings and Schools must be kept clear of all snow and ice. All Handicapped Ramps must be kept clean and checked periodically.
4. The Duty Supervisor will notify the Traffic Department when it is necessary to clean Municipal Parking Lots, sidewalks and other City owned property.

V. Post Storm Procedures

1. It is the Highway Foreperson's responsibility to ensure that all vehicles and spreaders are washed and cleaned inside and out of salt, sand, and other debris, and to be certain that they are ready for the next storm. Further, it is the Highway Foreperson's responsibility to ensure that the Garage and DPW Yard are clean of all salt and sand.
2. All Operators shall report any mechanical failures and problems to the Master Mechanic in writing on their checklists.
3. The Duty Supervisor shall check all Sign-in Sheets to determine which personnel were used and in order to properly record the correct overtime hours, etc.
4. There will be a debriefing by the Duty Supervisor with all snow emergency personnel to discuss the events of the storm.
5. The Business Manager shall be responsible for checking and preparing all time sheets in order to account for all of the Contracting Equipment used during and after a storm.

TO: All Employees
FROM:  Ralph E. Dunphy
Deputy Commissioner
DATE: November 1, 1993
Re: Emergency Snow Work

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

Winter is almost upon us and we have to be both ready and willing to respond to any snow emergency that may arise.

Therefore, I would like to ask for your help and cooperation and remind you of some of the requirements that we will have to adhere to in the event of an emergency.

In the current collective bargaining agreement, Article X, Section 2, reads in part that...

... In the event that no employee voluntarily accepts an overtime assignment in accordance with the above, and if an emergency situation exists, the most junior employee(s) shall be required to work overtime except in Unit A where employees shall be required to work overtime.

Unit A, as defined in Article 1, includes Public Works. Snow work requirements occurring after the normal working hours of 7 AM to 3 PM are, in effect, included in the meaning of emergency for the Public Works Department. Therefore, when a snow storm takes place during or after the regular hours of work, employees of Public Works "shall be required to work overtime when called upon to do so."

Thus, during the snow season, employees called to work overtime because of snow fighting requirements should not refuse the assignment except in the case of a personal emergency. The Department may consider appropriate disciplinary action in cases of refusal to work overtime during a snow storm as authorized by the collective bargaining agreement with the Union.

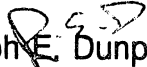
I shall appreciate your cooperation and support.

cc: James P. Cassidy, President Local #195
Michael Gardner, Personnel Director



147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Employees
Department of Public Works

FROM:  Ralph E. Dunphy
Deputy Commissioner

DATE: November 1, 1993

Re: Response Time to Emergency Call-In

Please be advised, if you are called to report to work, to salt, plow or perform other emergency work, it is your responsibility to report to the Department immediately.

Your prompt arrival plays an essential role in the Department's effort to keep the public ways safe for the citizens of Cambridge.

The Duty Supervisor will document the arrival time of each employee called in for emergency work, keeping in mind the condition of roads and distance you must travel. Sign-In and Sign-Out Sheets are located in the Snow Operations Room (outside the Supervisor of Parks & Buildings Operations Office). If an employee fails to respond in a reasonable time (in comparison to other employees called to work), they could lose their turn on the overtime rotation list and be subject to disciplinary action if the problem persists.

If you have any questions regarding this matter, please feel free to see me.

cc: James Cassidy, President Local #195
Snow Manual



**CITY OF CAMBRIDGE
DEPARTMENT OF PUBLIC WORKS & CITY EXECUTIVE OFFICE
NEW BEEPER DISTRIBUTION
UPDATED 09/ 17/ 93**

<u>NAME</u>	<u>DIVISION</u>	<u>TELEPHONE #</u>	<u>MODEL #</u>
<u>EXECUTIVE OFFICE</u>			
Robert Healy	City Manager	617-553-6766	0090283
Richard Rossi	Deputy City Manager	617-553-6729	0098611
<u>PUBLIC WORKS</u>			
Ralph Dunphy	Administration	617-430-6954	0567516V
Robert Keating	Administration	617-553-8336	0552392V
Paul Feloney	Administration	617-553-8348	0515739
Daniel Evans	Administration	617-553-8338	0554260
Paul Langley	Business Services	617-553-8322	0555616V
Ann Daughaday	Engineering	617-546-3759	
Gerald Boyle	Engineering	617-553-8339	0554128
Robert Patterson	Engineering	617-553-8346	0513596
Abdul Alkhatib	Engineering	617-553-6736	0094658V
Hussein Musa	Engineering	617-553-6728	0104384V
Michael Stone	Construction	617-553-6489	0583810
Josephine Greene	Street Cleaning	617-546-3762	
William Frazier	Sanitation	617-553-8343	0522924
William Medeiros	Sanitation	617-546-3769	
Jan Aceti	Recycling	617-553-8337	0554402V
Richard Medeiros	Parks & Building Oper.	617-553-8319	0546068V
Daniel White	Parks & Building Oper.	617-430-6958	0567539V
Stephen Edmonds	Parks & Building Oper.	617-553-6491	0583793
George Thomas	Parks & Building Oper.	617-553-6492	0583790
Jack Kelly	Urban Forestry	617-553-8318	0565786V
James Ryan	Cemetery	617-546-3757	
Robert Simard	Building Maint.	617-553-8320	0527086V
Fred Cabral	Building Maint.	617-553-6490	0583796
John Versackas	Building Maint.	617-430-4874	0072804
Sydney Cox	Vehicle Maint.	617-553-8341	0546457
Robert Johnson	Vehicle Maint.	617-546-3764	
Jerry Lucey	Sewer	617-553-8340	0551630
George Jussaume	Sewer	617-553-8347	0551277
<u>ON LOAN</u>			
Wallace Sherwood	Affirmative Action	617-430-3747	0079161
<u>SPARES</u>			
Ralph Dunphy	Spare	617-430-6955	0567512V

1993-1994 SNOW SEASON

WORKING FOREPERSON TELEPHONE LISTING & SNOW ROUTES

<u>Sec</u>	<u>Name</u>	<u>Division</u>	<u>Home Telephone</u>	<u>Emergency Telephone</u>
D	E. Baldasaro, Sr.	Off Hours	(603) 672-2938	
B	R. Dudley	Cemetery	(617) 391-7595	(617) 396-5613
D	C. Jones	Parks	(617) 488-5088	
A	M. Lange	Parks	(603) 382-5610	(603) 864-6222
C	J. Malone	St. Cleaning	(617) 661-4688	(617) 646-5358
D	D. Murphy	Bldg. Maint.	(617) 389-3672	(617) 547-2835
A	R. Ottaviano	St. Cleaning	(617) 628-4726	(617) 438-5017
C	G. Rego	Construction	(617) 666-0139	
A	G. Thomas	Bldg. Operations	(508) 264-9975	
C	H. Trevette	Sanitation	(617) 868-4457	(617) 354-6987
A	R. Woods	Forestry	(508) 658-0351	(617) 926-1000 X28
B	P. Daly	Parks	(617) 661-7598	(617) 498-1350

OTHER WORKING FOREPERSONS

-	P. Cassidy	Off Hours	(617) 628-5904 (Jim)	
-	M. Iannuzzi	Construction	(617) 864-4255	
-	J. Kelly	Sewer	(617) 666-4324	(617) 926-4900
-	R. Litwinsky	St. Cleaning	(617) 666-2346	(617) 628-3424
-	T. Maynard	Bldg. Maint.	(617) 963-2785	
-	W. O'Brien	Bldg. Operations	(617) 864-4928	
-	J. Sciola	Off Hours	(617) 628-7980	

**HIGHWAY & WORKING FOREPERSON SALTING ROTATION
1993-1994**

	<u>HIGHWAY FOREPERSONS</u>	<u>WORKING FOREPERSONS</u>	
Nov.	5 J. RYAN	R. DUDLEY	R. MALONE
	12 D. WHITE	P. DALY	E. BALDASARO
	19 S. EDMONDS	G. REGO	G. THOMAS
	26 F. CABRAL	D. MURPHY	C. JONES
Dec.	3 B. MEDEIROS	R. DUDLEY	R. MALONE
	10 J. GREENE	H. TREVETTE	R. OTTAVIANO
	17 M. STONE	M. LANGE	R. WOODS
	24 J. RYAN	R. REGO	G. THOMAS
	31 D. WHITE	P. DALY	E. BALDASARO
Jan.	7 S. EDMONDS	D. MURPHY	C. JONES
	14 F. CABRAL	R. DUDLEY	R. MALONE
	21 R. MEDEIROS	H. TREVETTE	R. OTTAVIANO
	28 J. GREENE	M. LANGE	R. WOODS
Feb.	4 M. STONE	P. DALY	E. BALDASARO
	11 J. RYAN	G. REGO	G. THOMAS
	18 D. WHITE	D. MURPHY	C. JONES
	25 S. EDMONDS	R. DUDLEY	R. MALONE
Mar.	4 F. CABRAL	R. OTTAVIANO	R. WOODS
	11 R. MEDEIROS	H. TREVETTE	M. LANGE
	18 J. GREENE	R. DALY	G. THOMAS
	25 M. STONE	G. REGO	E. BALDASARO
Apr.	1 J. RYAN	D. MURPHY	R. MALONE
	8 D. WHITE	C. JONES	R. DUDLEY
	15 S. EDMONDS	H. TREVETTE	M. LANGE
	22 F. CABRAL	R. OTTAVIANO	R. WOODS

NOTE: Rotation begins at 3:00 PM on Friday and ends at 3:00 PM the following Friday.

1993-1994 SNOW SEASON

EMPLOYEE LISTING OF LICENSES

<u>Employee Name</u>	<u>Class</u>	<u>Employee Name</u>	<u>Class</u>	<u>Employee Name</u>	<u>Class</u>
L. Silva	A	S. Travers	B	A. Pedro	B
E. Merriman	B	R. Cabral	B	R. Freda	A
P. Carrington	B	J. McGrath	B	F. Disalvo	B
R. Masterson	B	R. Ponte	B	E. Baldasro, Jr.	A
J. Smith	B	J. Minavich	B	M. Quinn	C
D. Ligon	A	G. Dottin	B	P. McCusker	A
R. Dupont	B	D. Down	B	A. Ferranti	B
J. Sarchioni	B	R. Woods	B	J. Correia	D
R. McGlashing	B	V. Plosinski	B	R. Johnson	A
E. Chaisson	B	W. Renzi	B	R. Bonvie	B
E. Lawson	B	N. Rookard	A	G. Rego	A
K. Matignetti	B	C. Sullivan	B	D. Smith	C
M. Pearson	D	C. Jones	C	M. Martins	C
J. Judd	B				

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Salter Drivers

FROM: Ralph E. Dunphy
Deputy Commissioner

DATE: November 1, 1993

RE: **Cleaning Salters After Storms**

The Snow Duty Supervisor will assign a portion of those who drive salters, the duty of washing and cleaning their salter vehicles after every snow storm.

It will also be the Snow Duty Supervisor's responsibility to ensure that this function is shared equally among all staff who drive salters.

Thank you for your cooperation in this matter.



**City of Cambridge
Department of Public Works
Snow Storm Related Individual Equipment \Material Cost**

DPW Vehicle #: _____

Vehicle Description: _____

Driver's Name	Date	Time Start	Beginning Miles/Hours	Time End	Date	Ending Miles/Hours	Total Miles/Hours

Totals

Load#	Amount (In Tons/Gals)	Type of Material	Time Picked Up	Date	Location	Operator Name
1						
2						
3						
4						
5						
6						
7						
8						

Verified by (Foreperson's Signature): _____

Date: _____

SAFETY INFORMATION ON CALCIUM CHLORIDE

1. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Flush area with plenty of water. Walking surfaces may remain wet longer due to moisture being held by spilled materials.

DISPOSAL METHOD: Wash away with large excess of water. Keep out of drinking water sources. Comply with local, state and federal regulations.

2. HEALTH HAZARD DATA:

EYE: May cause moderate to severe eye irritation with corneal injury, which may be slow to heal. Material is sometimes encountered at elevated temperatures; more intense effects as well as thermal burns are possible.

SKIN CONTACT: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if confined to skin or skin is abraded (scratched or cut). Material is sometime encountered at elevated temperatures; more intense effects as well as thermal burns are possible. DOT Classification: Non-corrosive.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD50 for skin absorption in rabbits in >5000 mg/kg for CaCl₂.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is in the range of 900-2100 mg/kg for calcium chloride on a 100% basis. Ingestion may cause gastrointestinal irritation or ulceration.

INHALATION: Vapors are unlikely due to physical properties. Mists may cause irritation to upper respiratory tract.

SYSTEMIC & OTHER EFFECTS: The components of this product are not listed by IARC, NTP or OSHA as a carcinogen for hazard communication purposes. Results of in vitro mutagenicity tests have been negative for CaCl₂.

3. FIRST AID:

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. (Never give anything by mouth to or attempt to induce vomiting in an unconscious person).

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

**SALTERS & CLEANING SCHEDULE
1993-1994**

Oct. 31: Freda-Smith-Lawson

Nov. 7: Plosinski-Dupont-Renzi
14: Bonvie-Travers-Down
21: Carrington-Chaisson-Masterson
28: Martignetti-Freda-Smith

Dec. 5: Lawson-Plosinski-Dupont
12: Renzi-Bonvie-Travers
19: Down-Carrington-Chaisson
26: Masterson-Martignetti-Freda

Jan. 2: Smith-Lawson-Plosinski
9: Dupont-Renzi-Bonvie
16: Travers-Down-Carrington
23: Chaisson-Masterson-Martignetti
30: Freda-Lawson-Smith


Feb. 6: Plosinski-Dupont-Renzi
13: Bonvie-Travers-Down
20: Carrington-Smith-Chaisson
27: Masterson-Martignetti-Freda

Mar. 6: Lawson-Plosinski-Dupont
13: Renzi-Bonvie-Travers
20: Down-Carrington-Masterson
27: Chaisson-Smith-Martignetti

Apr. 3: Freda-Dupont-Lawson
10: Plosinski-Renzi-Bonvie
17: Travers-Down-Carrington
24:- Chaisson-Masterson-Martignetti

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Employees
Department of Public Works

FROM: 
Ralph E. Dunphy
Deputy Commissioner

DATE: November 1, 1993

Re: **Salt Reduction During Winter Storm
Season**

The Department of Public Works has a publicly stated goal for this fiscal year that we develop and implement a more environmentally responsive snow and ice procedure that would reduce by 10% the amount of salt applied on City streets.

Therefore, I ask that those involved in the salting and snow fighting effort closely monitor the salt applied to our City's streets during the upcoming winter storm season.

It is my hope that by achieving this goal, we can maintain safe and passable streets during the winter season and not cause undue damage to the environment.



**City of Cambridge
Department of Public Works
Snow/Ice Storm Record**

Date Storm Began: _____ Time: _____ Date Storm Ended: _____ Time: _____

Description		Temperature	Wind
Dry Snow	<input type="checkbox"/>	Maximum _____	Direction _____
Wet Snow	<input type="checkbox"/>	Minimum _____	Velocity _____ MPH
Sleet	<input type="checkbox"/>	Depth of Snow	Visibility
Freezing Rain	<input type="checkbox"/>	Average (in inches) _____	Excellent <input type="checkbox"/> Fair <input type="checkbox"/>
		Drifts (in feet) _____	Good <input type="checkbox"/> Poor <input type="checkbox"/>

Procedures	No. of Applications	Date/Time	
Salt		From Date _____	End Date _____
		Start Time _____	End Time _____
Sand		From Date _____	End Date _____
		Start Time _____	End Time _____
Calcium Chloride		From Date _____	End Date _____
		Start Time _____	End Time _____
Plowing (in hours)		From Date _____	End Date _____
		Start Time _____	End Time _____

Cost Summary	Tons/Gals	CPT\CPG	Total Cost
Salt			
Sand			
Calcium Chloride			
DPW Employee Expense			
DPW Equipment Expense			
Outside Contractor Expense			
Total Storm Related Expenses			

Comments: _____

Signature: _____ Date: _____

1993-1994 SNOW SEASON

SNOW DUTY SUPERVISOR

SUPERINTENDENT OF STREETS

SECTION A

J. Kelly/ 67
Supervisor

S. Edmonds 12

W. Medeiros 19

R. Woods 129

G. Thomas

M. Lange 38

Section A includes
N. Cambridge to
Somerville Line
and
Mass Ave to
Garden St

Staging Area:
Old Sears
Car Barns

SECTION B

J. Lucey/ 6
Supervisor

J. Ryan 42

J. Boyle 119

R. Dudley 44

R. Ottaviano 43

P. Daly 58

Section B includes
the Claylands and
the Mt. Auburn
Section.

Staging Area:
Sozio's
Golf Course

SECTION C

W. Frazier/ 17
Supervisor

J. Greene 8

M. Stone 13

G. Rego 47

R. Malone 46

H. Trevette 55

Section C includes
Harvard Square
and Mid
Cambridge

Staging Area:
Quincy Sq.
Sennott Park

SECTION D

R. Simard/ 4
Supervisor

F. Cabral 16

D. White 18

C. Jones 41

D. Murphy

E. Baldassaro

Section D includes
Ward #5 and East
Cambridge

Staging Area:
Salvation Army
Draper Labs

1993-1994 SNOW SEASON

LOADER OPERATORS:

<u>Employee</u>	<u>Title</u>	<u>CDL Class.</u>	<u>Home Telephone</u>
J. Broughall	Working Foreperson	A	(617) 648-1982
L. Silva	MEO III	A	(617) 241-7233
E. Baldasaro, Jr	MEO III	A	(603) 642-3829 (508) 396-3493 Beep.

SALTER OPERATORS:

<u>Employee</u>	<u>Title</u>	<u>CDL Class.</u>	<u>Home Telephone</u>
R. Freda	MEO III	A	(617) 391-8128
J. Smith	MEO II	B	(617) 576-0581
H. Lawson	MEO I	B	(617) 568-9124
V. Plosinski	T.C./MEO I	B	(617) 876-0824 or (617) 492-4239
R. Dupont	Pk Maint Crafts/ MEO I	B	(617) 547-3986
W. Renzi	T.C./MEO I	B	(617) 864-7073
R. Bonvie	T.C./MEO I	B-M	(617) 666-1981
S. Travers	Hwy. Maint. Crafts.	B	(617) 868-9093
D. Down	Pk Maint Crafts	B	(617) 868-5665
P. Carrington	Bricklayer	B	(617) 864-9760
E. Chaisson	Welder	B	(617) 876-9317
K ^o Martignetti	Forestry Worker	B	(617) 641-2399 (617) 465-3174 Beep.
R. Masterson	Laborer	B	(617) 868-6098
N. Rookard	Laborer	A	(617) 661-0955 (617) 597-1707 Beep.

SPARES:

<u>Employee</u>	<u>Title</u>	<u>CDL Class.</u>	<u>Home Telephone</u>
J. McGrath	MEO III	A	(617) 492-1891
P. McCusker	Pk. Maint. Crafts.	A	(617) 491-6641
M. Quinn	Curbsetter	C	(617) 354-7527
J. Versackas	Plumber	B	(617) 643-6448

1993-1994 SNOW SEASON

PLOWING OPERATORS:

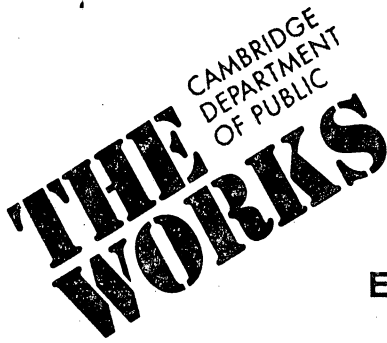
<u>EMPLOYEE</u>	<u>TITLE</u>	<u>CDL CLASS.</u>	<u>HOME TEL#</u>
J. McGrath	MEO III	A	(617) 492-1891
R. Baldasaro, Jr.	MEO III	A	(603) 642-3829
		Beeper	(508) 396-3493
J. Smith	MEO II	B	(617) 576-0581
J. Judd	MEO I	B	(617) 625-1651
R. Ponte	MEO I	A-M	(617) 661-3092
F. DiSalvo	MEO I	B	(617) 864-2567
G. Dottin	MEO I	B	(617) 547-7167
H. Lawson	MEO I	B	(617) 568-9124
R. McGlashing	MEO I	B	(617) 576-0024
V. Plosinski	T.C./MEO I	B	(617) 876-0824 or (617) 492-4239
R. Dupont	Pk. Maint. Craft/MEO I	B	(617) 547-3986
W. Renzi	T.C./MEO I	B	(617) 864-7073
A. Pedro	Hwy Maint Craft/MEO I	B	(617) 628-2189
R. Bonvie	T.C./MEO I	B-M	(617) 666-1981
J. Correia	Sewer Maint Craft	D	(617) 876-9714
D. Down	Pk. Maint. Craft.	B	(617) 868-5665
R. Cabral	Manhole Basin Bldr.	B	(617) 776-7227
M. Martins	Painter	C	(508) 441-9417
S. Travers	Hwy Maint Craft	B	(617) 868-9093
K. Martignetti	Forestry Worker	B	(617) 641-2399
		Beeper	(617) 465-3174
P. Carrington	Bricklayer	B	(617) 864-9760
M. Quinn	Curbsetter	C	(617) 354-7527
P. McCusker	Pk Maint Craft	A.	(617) 491-6441
E. Chaisson	Welder	B	(617) 876-9317
D. Smith	Welder	C	(617) 361-2632
M. Pearson	Motor Equip Lubr.	D	(617) 491-8452 or (617) 397-0308
J. Versackas	Plumber	B	(617) 643-6448
J. Sarchioni	Laborer	B	(617) 354-9012
R. Masterson	Laborer	B	(617) 868-6098 N.
Rookard	Laborer	A	(617) 661-0955
		Beeper	(617) 597-1707
SPARES:			
C. Sullivan	MEO III	B	(617) 491-5015 or

CAMBRIDGE PUBLIC WORKS DEPARTMENT

1993-1994 SNOW/ICE CONTROL VEHICLES

TRUCK #	DESCRIPTION	RADIO	
71	S-1	SALTER (CENTER BLADE, FRONT PLOW)	71
74	S-2	SALTER (CENTER BLADE, FRONT PLOW)	74
82	S-3	SALTER (CENTER BLADE, FRONT PLOW)	82
81	S-4	SALTER (CENTER BLADE, FRONT PLOW)	81
84	S-5	SALTER (CENTER BLADE, FRONT PLOW)	84
86	S-6	SALTER (CENTER BLADE, FRONT PLOW)	86
79	S-7	SALTER (CENTER BLADE, FRONT PLOW)	79
72	S-8	SALTER (CENTER BLADE, FRONT PLOW)	72
83	S-9	SALTER (CENTER BLADE, FRONT PLOW)	83
87	S-10	SALTER (CENTER BLADE, FRONT PLOW)	87
88	S-11	SALTER (3 YARD, FRONT PLOW)	88
200	S-12	SALTER (4 X 4, FRONT PLOW)	200
49	S-13	SALTER (3 YARD, FRONT PLOW)	49
75	S-14	SALTER (CENTER BLADE, FRONT PLOW)SPARE	75

38	4 X 4	(FRONT PLOW)	
39	4 X 4	(FRONT PLOW)	39
47	4 X 4	(FRONT PLOW)	47
70	9 YARD	(FRONT PLOW)	70
76	9 YARD	(FRONT PLOW)	76
78	9 YARD	(FRONT PLOW)	78
80	9 YARD	(FRONT PLOW)	80
89	3 YARD	(FRONT PLOW)	89
91	3 YARD	(FRONT PLOW)	91
92	3 YARD	(FRONT PLOW)	92
93	3 YARD	(FRONT PLOW)	93
94	3 YARD	(FRONT PLOW)	94
102	PAYLOADER	(BUCKET)	102
103	PAYLOADER	(BUCKET)	103
107	PAYLOADER	(BUCKET)	107
110	TRACTOR	(BUCKET)	110
122	BOMBARDIER	(FRONT PLOW)	
123	BOMBARDIER	(FRONT PLOW)	
124	BOMBARDIER	(FRONT PLOW)	
127	SKAT	(SMALL BUCKET & POWER BLADE)	
145	SEWER	(FRONT PLOW)	145
201	4 X 4	(FRONT PLOW)	201
202	4 X 4	(FRONT PLOW)	202
204	4 X 4	(FRONT PLOW)	204
205	4 X 4	(FRONT PLOW)	205



1993-1994 SNOW SEASON

EMPLOYEES AVAILABLE FOR PLOWING IN SMALL PIECES OF EQUIPMENT

Superintendent of
Streets & Sidewalks

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4851

NAME

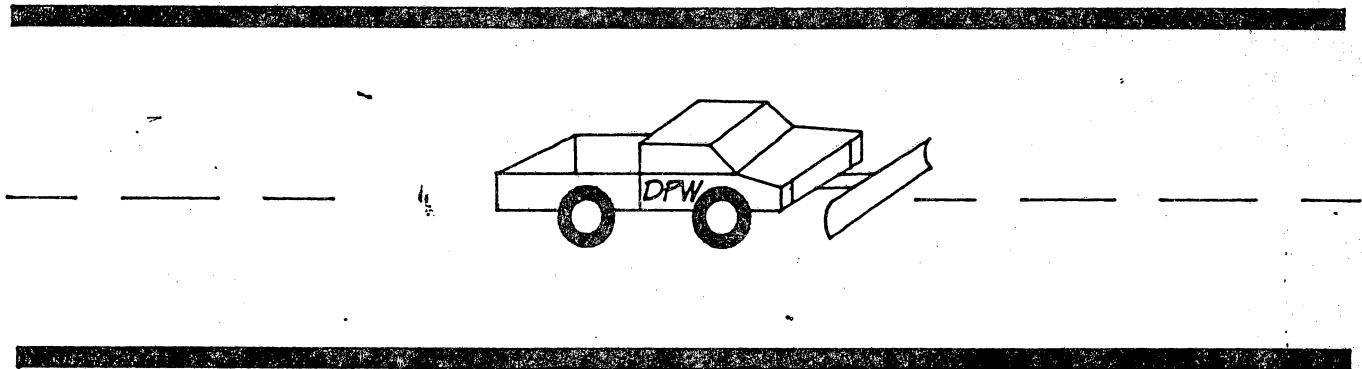
DIVISION

J. McGrath	Street Cleaning
E. Baldasaro, Jr.	Off Hours
J. Smith	Parks
R. Ponte	Parks
F. DiSalvo	Street Cleaning
G. Dottin	Parks
H. Lawson	Sewer
R. McGlashing	Forestry
V. Plosinski	Forestry
R. Dupont	Parks
W. Renzi	Garage
A. Pedro	Construction
R. Bonvie	Forestry
D. Down	Parks
J. Sarchioni	Parks
R. Cabral	Construction
M. Martins	Build. Maint.
S. Travers	Construction
R. Masterson	Street Cleaning
P. Carrington	Construction
M. Quinn	Construction
P. McCusker	Parks
E. Chaisson	Construction
D. Smith	Garage
M. Pearson	Garage
N. Rookard	Bldg. Operations
J. Versackas	Build. Maint

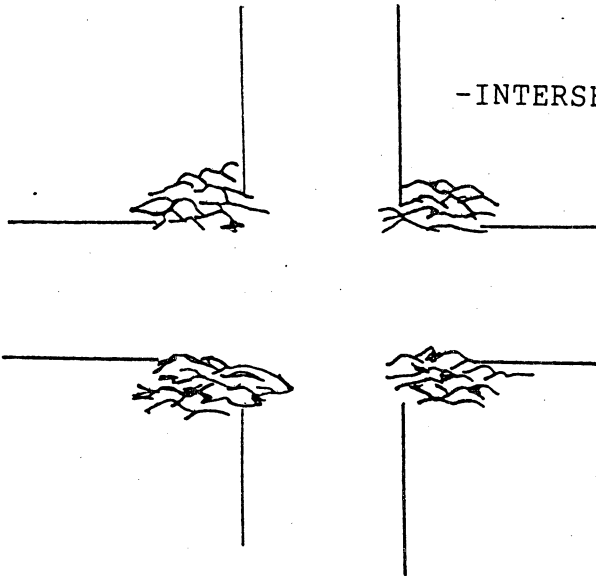


PROPER PLOWING PROCEDURES

When plowing operations begin, all equipment with center blades and front plows should start in center of all streets before pushing back into curb.

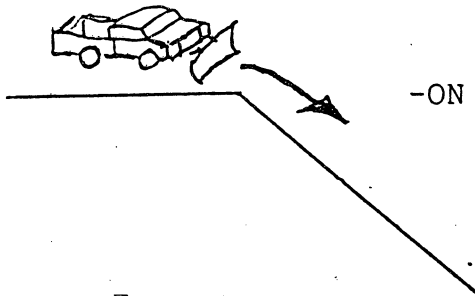


SNOW PLOWING (DON'TS)



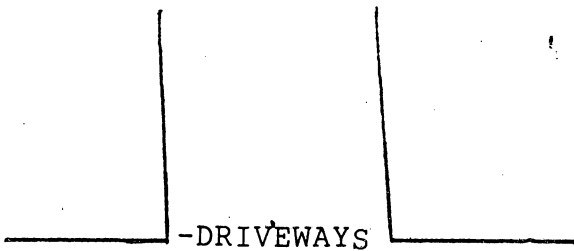
-INTERSECTIONS-

DON'T PUSH SNOW ONTO SIDEWALK CORNERS,
THIS CREATES HAZARDS TO THE CHILDREN
GOING TO SCHOOL AS WELL AS BLOCKING
WHEELCHAIR RAMPS.



-ON CORNERS-

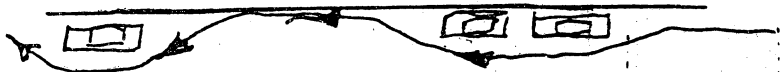
SLOWLY LIFT BLADE TO DIMINISH SNOW
AS YOU TURN CORNER.



-DRIVEWAYS


DON'T PUSH SNOW INTO
DRIVEWAYS

WHEN DOING CURB LINES.....
GET SNOW BACK TO CURB,
GO IN BETWEEN CARS.



147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Supervisors and Forepersons

FROM:  Ralph E. Dunphy
Deputy Commissioner

DATE: November 1, 1993

SUBJECT: **Snow Routes 1-8**
(See Attached)

It is the responsibility of all Supervisors and Forepersons to make sure that the attached list of streets are sanded or salted and plowed in every snow/salt operation so that emergency vehicles can access streets.

Thank you for your cooperation in this matter.



SNOW ROUTE #1

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
*WHITE PLACE	ORCHARD STREET	SOUTHERLY
TENNEY STREET	ORCHARD STREET	ELM
MILLER STREET	ORCHARD STREET	SOMERVILLE LINE
*GOLD STAR COURT	GOLD STAR ROAD	WESTERLY
*MORRISON COURT	GOLD STAR ROAD	WESTERLY
*WASHBURN TERRACE	WASHBURN AVENUE	EASTERLY
KASSUL PARK	WHITTEMORE AVENUE	NORTHERLY
KIMBALL LANE	HOLLIS	NORTHERLY
EXETER PARK	MASS. AVENUE	EASTERLY
NEWPORT ROAD	MASS. AVENUE	FOREST
SACRAMENTO PLACE	SACRAMENTO	NORTHERLY
TYLER COURT	MASS. AVENUE	SOUTHERLY
*HENDERSON COURT	DAY	SOUTHEASTERLY
*SAGINAW COURT	SOMERVILLE LINE	DAVENPORT
*FROST TERRACE	MASS. AVENUE	EASTERLY
*HARRIS STREET	PRENTISS	EUSTISS
TRAYMORE	EUSTIS	HARRIS
ARCADIA	EUSTIS	HARRIS
*CAMP	FAIR OAKS	SEVEN PINES AVE.
*GOLD STAR RD. PLACE	GOLD STAR ROAD	WESTERLY
*GORHAM	WENDELL	NORTHERLY
*KINGSTON	SHEA ROAD	SOMERVILLE LINE
*JARVIS	MASS. AVENUE	EASTERLY

*INDICATES UNACCEPTED WAY

SNOW ROUTE #2

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
HARRINGTON ROAD	HARVEY	SOUTHERLY
WESTLEY AVENUE	HARVEY	NORTHERLY
*THERIAULT	JACKSON	CLIFTON
*HOLLIS PARK	HOLLIS	WESTERLY
*ST. GERARD TERRACE	HOLLIS	EASTERLY
*RINGE TERRACE	RINDGE AVENUE	NORTHERLY
PEMBERTON TERRACE	RINDGE AVENUE	SHERMAN
WARWICK PARK	PEMBERTON	EASTERLY
*GOGSWELL PLACE	MEAD	NORTHERLY
BELLEVUE (BOTH ENDS)	RAYMOND	E. OF AVON HILL
WYMAN STREET	AVON HILL	WESTERLY
*HILLSIDE PLACE	AVON HILL	EASTERLY
*AVON PLACE	AVON HILL	EASTERLY
*OLIVE PLACE	MONTGOMERY	WESTERLY
*MCLEAN PLACE	CEDAR	WESTERLY
*DUDLEY COURT	DUDLEY	SOUTHERLY
*DRUMMOND PLACE	NORRIS	SOUTHERLY
*FRANCIS PLACE	MONTGOMERY	WESTERLY
*THOMAS PARK	MASS. AVENUE	SOUTHERLY
*WALKER TERRACE	WALKER	SOUTHERLY
*WALKER PLACE	WALKER	SOUTHERLY
*HUDSON PLACE	HUDSON	NORTHERLY
*NEWELL TERRACE	UPLAND ROAD	EASTERLY
*STONE COURT	MASS. AVENUE	WESTERLY
*BLAIR PLACE	BOLTON	SOUTHERLY
*RICE CIRCLE	RICE	NORTHERLY
*REED COURT	REED	WESTERLY
*HOOPER PLACE	MASS. AVENUE	WESTERLY
*BELMONT COURT	DUDLEY	NORTHERLY
*CUTLER AVENUE	HURON	SOUTHERLY
*CYPRESS	WALDEN	EASTERLY
*ESTEN	WALDEN	FENNO
*GEORGE	MONTGOMERY	CLAY
*KING STREET	WALDEN	EASTERLY
*LINCOLN WAY	WALDEN	WESTERLY
*MIDDLESEX	PEMBERTON	B & M RAILROAD
*NORTON PLACE	MARTIN	SOUTHERLY
*PEMBERTON COURT	PEMBERTON	EASTERLY
*PORTER CIRCLE	PORTER ROAD	NORTHERLY
*PORTER PARK	PORTER ROAD	SOUTHERLY
*RICE PARK	RICE	SOUTHERLY
*REED ST. TERRACE	REED	MONTGOMERY
*SYCAMORE STREET	WALDEN	EASTERLY
*VERDUN	PEMBERTON	NORTHERLY
*HOUSTON PARK	WALDEN	WESTERLY
*WALDEN SQUARE ROAD	SHERMAN	EASTERLY
*NORCROSS	WOOD	NORTHEASTERLY

*INDICATES UNACCEPTED WAY

SNOW ROUTE #3

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
*GARDEN TERRACE	GARDEN	WESTERLY
HAWTHORNE PARK	LEXINGTON	WESTERLY
POPLAR ROAD	LEXINGTON	FRESHPOND PARKWAY
WATERMAN ROAD	STANDISH	NORTHERLY
*APPLETON TERRACE	APPLETON	EASTERLY
BOYLE TERRACE	HURON AVENUE	SOUTHERLY
*TERMINAL ROAD	ALEWIFE BROOK PKWY.	WHEELER
*EASTERN STATES ROAD	CONCORD AVENUE	NORTHERLY

*INDICATES UNACCEPTED WAY

SNOW ROUTE #4

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
KENWAY	DOANE	GIBSON
DOANE	FOSTER	KENWAY
*FOSTER PLACE	FOSTER	NORTHERLY
*SIBLEY COURT	SPARKS	WESTERLY
*CAMDEN PLACE	MT. AUBURN	NORTHERLY
*MAYNARD PLACE	MT. AUBURN	NORTHERLY
LONGFELLOW ROAD	MT. AUBURN	NORTHERLY
*BRATTLE CIRCLE	BRATTLE	SOUTHERLY
*CLEMENT CIRCLE	SPARKS	EASTERLY
*WYMAN ROAD	SPARKS	WESTERLY
APPLETON ROAD	APPLETON	EASTERLY
*DUNSTABLE ROAD	APPLETON	WESTERLY
*KENNEDY ROAD	BRATTLE	NORTHERLY
CHANNING PLACE	CHANNING PLACE	BREWER
LINCOLN LANE	FAYERWEATHER	WESTERLY
*GRACEWOOD PARK	LEXINGTON	EASTERLY
HEMLOCK ROAD	SPARKS	WESTERLY
*LOCUST TERRACE	LOCUST	NORTHERLY
*LAWN COURT	MAY	EASTERLY
*MANGANO COURT	MAY-NORTH	EAST
*SPRUCE	HOLWORTHY	CUSHING
*HOLWORTHY PLACE	HOLWORTHY	PARK AVENUE
*CHANNING CIRCLE	CHANNING	EASTERLY
*ERICSON	BELMONT LINE	THINGVALLA AVENUE
*FAIRVIEW AVENUE	OXFORD AVENUE	EASTERLY
*GIBSON TERRACE	GIBSON	WESTERLY
*MAY	LAWN	N. OF VINEYARD
*PARKWAY TERRACE	FRESHPOND	EASTERLY
*SHADY HILL ROAD	COOLIDGE AVENUE	EASTERLY
*SHALER LANE	MT. AUBURN	DOANE
*ST. SAVEUR COURT	CUSHING	LAWN
*CUSHING PARK	CUSHING	EASTERLY
*HOLWORTHY TERRACE	HOLWORTHY	WESTERLY
*SPARKS PLACE	SPARKS	WESTERLY

*INDICATES UNACCEPTED WAY

SNOW ROUTE #5

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
UNIVERSITY ROAD	MT. AUBURN	SOUTHERLY
NUTTING ROAD	MT. AUBURN	SOUTHERLY
*REVERE STREET	MT. AUBURN	GERRY
BREWER STREET	MT. AUBURN	ROSS STREET
GERRY	MT. AUBURN	ROSS
CHAPMAN PLACE	GERRY	BREWER
FARWELL PLACE	BRATTLE	EASTERLY
*MIFFLIN PLACE	MT. AUBURN	NORTHERLY
*HILLIARD PLACE	HILLIARD	WESTERLY
*FULLER PLACE	HILLIARD	WESTERLY
*ASH STREET	MT. AUBURN	MEMORIAL DRIVE
ACACIA	HAWTHORNE	ASH
APPIAN WAY	BRATTLE	GARDEN
*DINSMORE COURT	WILLARD	WESTERLY
BRADBURY	SPARKS	EASTERLY
*BERKELEY PLACE	BERKELEY	SOUTHERLY
*CRAIGIE CIRCLE	CRAIGIE	NORTHERLY
*BUCKINGHAM PLACE	BUCKINGHAM	EASTERLY
WILLIARD COURT	WILLIARD	EASTERLY
ATHENS TERRACE	ATHENS	EASTERLY
*FALLON PLACE	BANKS	EASTERLY
*GREEN	PUTNAM AVENUE	WESTERLY
*HASTINGS AVENUE	PHILLIPS PLACE	BERKELEY
*LONGFELLOW PARK	BRATTLE	SOUTHERLY
*MILL	DEWOLFE	HOLYOKE
*MT. AUBURN PLACE	MT. AUBURN	SOUTHERLY
*ST. JOHNS ROAD	PHILLIPS PLACE	WESTERLY
*WALKER COURT	FLAGG	SOUTHERLY
*COWPERTHWAITTE	BANKS	DEWOLFE
*RIVERVIEW AVENUE	DEWOLFE	WESTERLY

*INDICATES UNACCEPTED WAY

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
CLARY STREET	PROSPECT	WESTERLY
OAKLAND STREET	CAMBRIDGE	SOMERVILLE LINE
*RICHARDSON	NORFOLK	ELM
*RUMEAL ROBINSON WAY	NORFOLK	WESTERLY
EATON	CHERRY	PINE
*WASHINGTON TERR./CT.	WASHINGTON STREET	NORTHERLY
*FISKE PLACE	WASHINGTON	SOUTHERLY
*LAMSON PLACE	ESSEX	EASTERLY
*PERCY PLACE	ESSEX	EASTERLY
ASHBURTON PLACE	ESSEX	EASTERLY
*MURDOCK COURT	HAMPSHIRE	GARDNER
*ST. PAUL	PROSPECT	WESTERLY
*ARNOLD CIRCLE	MASS. AVENUE	NORTHERLY
MARVIN COURT	COLUMBIA	EASTERLY (BETW. WASH. & HARVARD)
ESSEX COURT	ESSEX	WESTERLY
*KIRKLAND PLACE	KIRKLAND	NORTHERLY
*SEDGWICK	KIRKLAND	NORTHERLY
KIRKLAND ROAD	KIRKLAND	SOUTHERLY
*FRISBIE PLACE	KIRKLAND	NORTHERLY
IRVING TERRACE	IRVING	SUMNER ROAD
*ASHTON PLACE	IRVING	WESTERLY
*BALDWIN COURT	ROBERTS ROAD	EASTERLY
*NICHOLS PLACE	ROBERTS ROAD	WESTERLY
*EMMONS PLACE	ROBERTS ROAD	WESTERLY
ELLSWORTH PARK	ELLSWORTH AVENUE	EASTERLY
*TROWBRIDGE TERR./PL.	TROWBRIDGE	EASTERLY
HIGHLAND PARK	HIGHLAND AVENUE	EASTERLY
FAINWOOD CIRCLE	FAYETTE	EASTERLY
*FAYETTE PARK	FAYETTE	WESTERLY
INMAN PLACE	INMAN	WEST PLACE
WEST PLACE	WEST STREET	NORTHERLY
*BROADWAY TERRACE	BROADWAY	WESTERLY
*KING PLACE	AMORY	WESTERLY
*AMORY PLACE	AMORY	WESTERLY
*ADAMS TERRACE	ROBERTS ROAD	WESTERLY
*CORLISS PLACE	ANTRIM	WESTERLY
*ARNOLD CIRCLE	MASS. AVENUE	NORTHERLY
*BOARDMAN PLACE	BOARDMAN	EASTERLY
*COLUMBIA TERRACE	COLUMBIA	WESTERLY
*DIVINITY AVENUE	KIRKLAND	NORTHERLY
*FRANCIS AVENUE	IRVING	EASTERLY
*HAMPSHIRE PLACE	HAMPSHIRE	NORTHERLY
*HANCOCK PARK	HANCOCK	EASTERLY
*HANCOCK PLACE	HANCOCK	EASTERLY
*HOLDEN GREEN	HOLDEN	EASTERLY
*LAMONT AVENUE	MAGNOLIA AVENUE	SOUTHERLY
*LINCOLN PLACE	LINCOLN	NORTHERLY
*LIVERMORE	UNION	WESTERLY
*NORFOLK COURT	NORFOLK	ELM
*NORFOLK TERRACE	NORFOLK	WESTERLY
*SHADY HILL SQUARE	HOLDEN	HOLDEN
*FLORENCE PLACE	NORFOLK	WESTERLY
*UNION PLACE	UNION	WESTERLY
*UNION TERRACE	UNION	WESTERLY
*VAIL COURT	BISHOP ALLEN DRIVE	NORTHERLY
*DOTTIE DOYLE WAY	BIGELOW	INMAN
*DANA PLACE	DANA	WESTERLY

*INDICATES UNACCEPTED WAY

SNOW ROUTE #7

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
*PEARL TERRACE	PEARL	EASTERLY
*ROCKINGHAM PLACE	ROCKINGHAM	EASTERLY
*GORDON PLACE	FLORENCE	SOUTHERLY
*STINSON COURT	ALLSTON	SOUTHERLY
*PLEASANT PLACE	PLEASANT	EASTERLY
*BALLARD PLACE	PUTNAM AVENUE	MONTAGUE
RIVERSIDE PLACE	WESTERN AVENUE	NORTHERLY
*BELVIDER	GREEN	FRANKLIN
COTTAGE ROAD	GREEN	NORTHERLY
*FRANKLIN PLACE	FRANKLIN	NORTHERLY
*ERICKSON COURT	GREEN	NORTHERLY
*BANCROFT	WESTERN AVENUE	SOUTHERLY
GILMORE	WESTERN AVENUE	SOUTHERLY
*MAGAZINE COURT	KENWOOD	EASTERLY
*GLENN TERRACE	BROOKLINE	EASTERLY
*BAILEY	MAGAZINE	EASTERLY
*ALLSTON COURT	ALLSTON	SOUTHERLY
*SODEN PLACE	SODEN	WESTERLY
*ALLSTON	GROVE AVENUE	WAVERLY
*AUDREY	MEMORIAL DRIVE	VASSAR
*CENTRAL PLACE	WESTERN AVENUE	NORTHERLY
*COTTAGE COURT	COTTAGE	SOUTHERLY
*CROSS	ALBANY	LANDSDOWNE
*DOUGLAS COURT	DOUGLAS	NORTHEASTERLY
*FOWLER	AMHERST	MEMORIAL DRIVE
*GROVE AVENUE	ALLSTON	PUTNAM AVENUE
*JAY STREET PLACE	JAY	WESTERLY
*KENWOOD	ALLSTON	NORTHERLY
*MERRIAM	SIDNEY	WAVERLY
*PILGRIM	SIDNEY	LANDSDOWNE
*POND PLACE	PUTNAM AVENUE	EASTERLY
*PUTNAM COURT	PUTNAM AVENUE	SOUTHERLY
*REARDON	WAVERLY	ANGLIM
*ROLLINS COURT	WATSON	SOUTHERLY
*SULLIVAN PLACE	RIVER	NORTHWESTERLY
*VILLAGE STREET	STATE	MASS. AVENUE

*INDICATES UNACCEPTED WAY

SNOW ROUTE #8

<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
*WARREN PLACE	BANKS	WESTERLY
*LINWOOD	BROADWAY	NORTHERLY
*DICKINSON	BROADWAY	MOORE
*BERKSHIRE PLACE	BERKSHIRE	CDL. MEDEIROS
*CHERRY COURT	CHERRY	EASTERLY
*CITIZEN PLACE	COLUMBIA	EASTERLY
*CRESTO TERRACE	GORE	NORTHERLY
*CROSSLAND	CLARK	BRISTOL
*EMMET PLACE	SIXTH	EASTERLY
*FOURTH STREET PLACE	SCIARAPPA	WESTERLY
*GORE PLACE	GORE	SOUTHERLY
*HAROLD PLACE	CHERRY	WESTERLY
*HARRINGTON TERRACE	COLUMBIA	EASTERLY
*MARCELLA COURT	MARCELLA	NORTHERLY
*MULLINS COURT	WINTER	SOUTHERLY
*OTIS	B & A RAILROAD	EASTERLY
*POTTER PARK	LINNAEAN	SOUTHERLY
*ROGERS	THIRD	SIXTH
*ROGERS	SIXTH	FULKERSON
*SPRING PLACE	SPRING	SOUTHERLY
*STEVENS COURT	FOURTH	WESTERLY
*THIRD STREET	O'BRIEN HIGHWAY	NORTHERLY
*YORK	BERKSHIRE	CDL. MEDEIROS
*FIFTH	BENT	BINNEY
*INDUSTRIAL PARK ROAD	O'BRIEN HIGHWAY	NORTHERLY
*RUFO ROAD	GORE	NORTHERLY
*LINEHAM COURT	THIRD	WESTERLY
*PELHAM	BROADWAY	MAIN

*INDICATES UNACCEPTED WAY

TO: All Snow Removal Contractors
FROM: Ralph E. Dunphy
Deputy Commissioner
DATE: November 1, 1993
SUBJECT: **Snow Removal Procedures**

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

Your firm has recently bid for snow plowing work for the City of Cambridge and you have been placed on the 1993/1994 list of contractors to be called if the City requires the use of outside contractors to assist in snow removal.

If you are called by the Department of Public Works to assist, you must respond within one hour. Please be advised that your equipment must be fully fueled, loaded with the necessary ballast and be fully operational, including the required safety equipment as determined by law.

Once called, you will be directed to report to a predetermined location and meet one of the Department's Supervisors who will brief you on your assignment.

Once you commence working, you will be expected to continue working for the City until snow removal operations cease and you are authorized to leave.

Breakdowns, fueling stops or break times longer than 20 minutes will not be considered billable time. Failure to operate in a safe manner or to properly perform the required duties could result in losing billable time or cancellation of your contract with the City.

Please contact Mr. Paul Langley at (617) 349-4818 to confirm your receipt of this letter and answer any questions you may have regarding the Department's billing procedures. Any operational questions should be directed to the Deputy Commissioner at (617) 349-4810.

Thank you for your attention to this matter.



Owner:
Driver:
Registration:
Type:
Plowing-Hauling:
Foreman:
Dispatcher:
Remarks:
Submit This Copy with your Invoice
Any Corrections Must be Made Within 24 Hours

Time In:
Time Out:
Total Hours

- SAMPLE -

Owner: SACCA BROS. CONST.
Driver: Bill SMITH
Registration: MASS 163-284
Type: FORD 4X4
Plowing-Hauling: Plowing
Foreman: D. White AREA 4
Dispatcher: LUCY
Remarks: Did FINE Job
NO PROBLEMS!!

Time In:
7:00 PM
1/15/93
Time Out:
8:00 AM
1/16/93
Total Hours: 13 HOURS

1993-1994 SNOW SEASON

SNOW EMERGENCY TOW ROUTES

TIME DECLARED _____ DATE _____ TIME OUT _____ DATE _____

ROUTE A: FOREMAN _____ POLICE OFFICER _____ TOW CO. _____

1. Mass. Ave. - Jarvis St. to Alewife Brook Pkwy. (Odd Side)
2. Mass. Ave. - Alewife Brook Pkwy. to Cambridge St. (Even Side)
3. Concord Ave. - Fresh Pond Pkwy. to Arsenal Sq. (Even Side)
4. Cragie St. - Concord Ave. to + 200' South

ROUTE B: FOREMAN _____ POLICE OFFICER _____ TOW CO. _____

1. Broadway - Portland St. to Quincy St. (Odd Side)
2. Broadway - Quincy St. to Portland St. (Even Side)
3. Quincy St.- Broadway to Harvard St.
4. Inman St.- Broadway to Mass Ave. (Odd Side)
5. Prospect St.- Hampshire St. to Cambridge St. (Even Side)
6. Hampshire St. - Prospect St. to Cambridge St. (Odd Side)
7. Hampshire St.- Cambridge St. to Prospect St. (Even Side)

ROUTE C: FOREMAN _____ POLICE OFFICER _____ TOW CO _____

1. Mt. Auburn St.- Eliot St. to Fresh Pond Pkwy.
2. Mt. Auburn St.- Fresh Pond Pkwy. to Eliot St.
3. Eliot St.- Mt. Auburn St. to JFK St.
4. JFK St.- Eliot St. to Harvard Sq. (Both Sides)
5. Mt. Auburn St.- JFK St. to Putnam Ave.
6. Mt. Auburn St.- Holyoke St. to Holyoke Pl. (Even Side)
7. Mass Ave.- Trowbridge St. to Harvard Sq. (Both Sides)

ROUTE D: FOREMAN _____ POLICE OFFICER _____ TOW CO _____

1. Brookline St.- Hastings Sq. to Mass Ave. (Odd Side)
2. Mass Ave.- Putnam Ave. to Charles River. (Even Side)
3. Mass Ave.- Charles River to Putnam Ave. (Odd Side)

ROUTE E: FOREMAN _____ POLICE OFFICER _____ TOW CO _____

1. Third St.- Broadway to Msgr. O'Brien Hwy. (Odd Side)
2. Cambridge St.- First St. to Quincy St. (Both Sides)

*The following vehicles are equipped with loud speakers for use during a snow emergency:
Trucks: #41, #43, #45, #57 and #65

1993-1994 SNOW SEASON

SNOW WORKERS/HAND WORK:

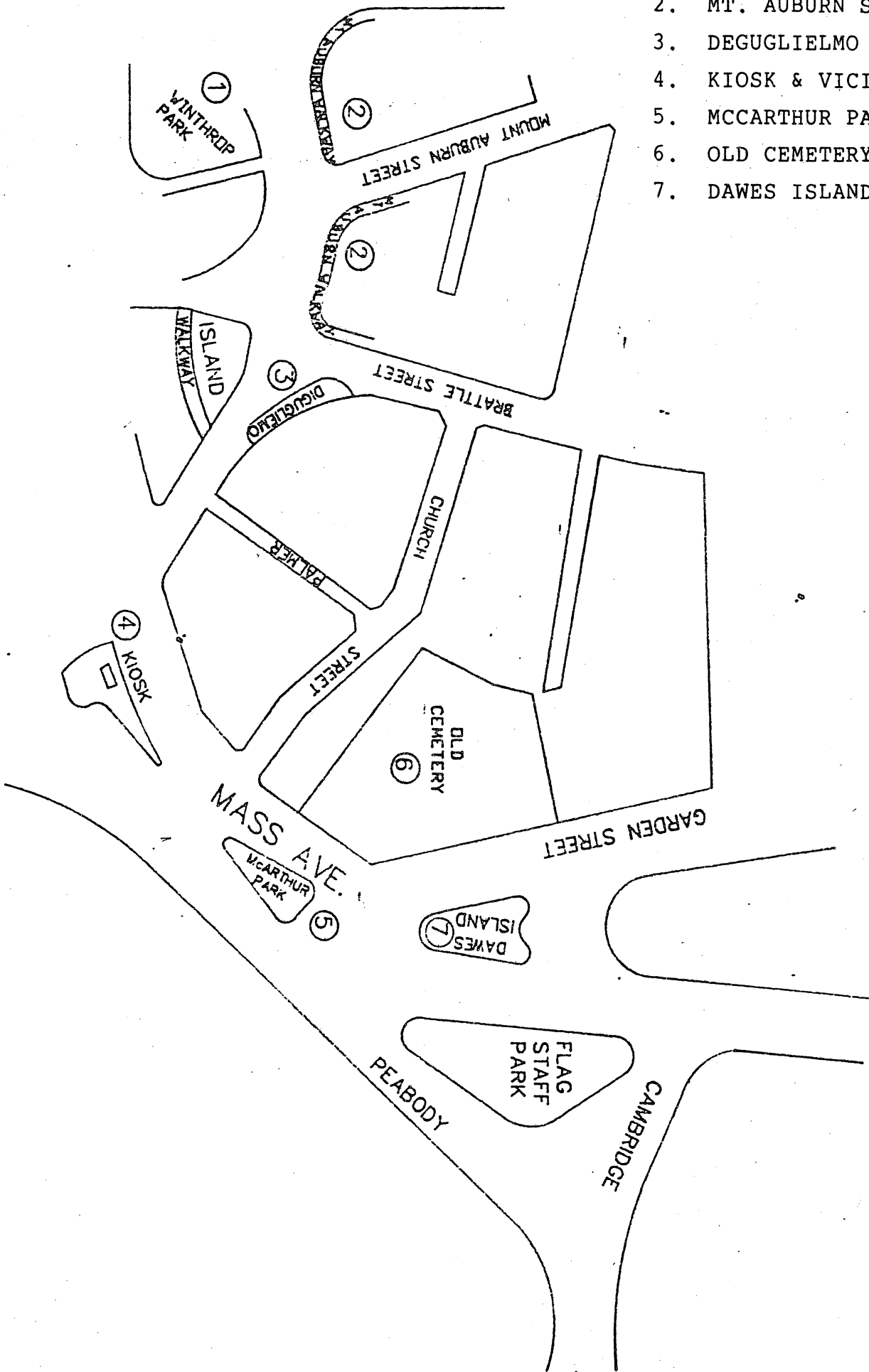
<u>EMPLOYEE</u>	<u>TITLE</u>	<u>TELEPHONE #</u>
J. McGrath	MEO III	(617) 492-1891
J. Foley	MEO II	(617) 354-7364
D. Ligon	MEO I	(617) 488-3797
	Beeper PIN #	1-800-946-4646 255-1999
A. Pedro	Hwy Maint Craft/MEO I	(617) 628-2189
R. McGregor	T.C./MEO I	(617) 756-0135 or (508) 522-4674
J. Pyne	Laborer	(617) 254-0627
E. Souza	Laborer	(617) 876-0941
W. Rowe	Carpenter	(617) 492-2657
J. Correia	Sewer	(617) 876-9714
R. Cabral	Manhole Basin Bldr.	(617) 776-7227
M. Martins	Painter	(508) 441-9417
M. Quinn	Curbsetter	(617) 354-7527
C. Francis	Carpenter	(617) 666-3239
M. Pearson	Motor Equip Laborer	(617) 491-8452 or (617) 397-0308
J. Murphy	Laborer	(617) 691-1319
R. Masterson	Laborer	(617) 868-6098
J. Burns	Laborer	(617) 876-4296
J. Sarchioni	Laborer	(617) 354-9012
K. Moore	Laborer	(617) 491-8141
A. Ferranti	Laborer	(617) 890-5252
K. Neves	Laborer	(617) 354-0991
J. Roy	Laborer	(617) 876-0776
W. Bernis	Laborer	(617) 491-7045
L. Prevost	Laborer	(617) 661-7738

SNOW REMOVAL EXEMPTIONS WINTER 1993-1994

LAST	FIRST	MIDDLE	ADDRESS	STREET	ZIP	PHONE	BIRTHDATE	SNOW REMOVAL EXEMPTION
BOWDEN	EVELYN		13	HARRINGTON ROAD	02140	868-3635	12/31/06	Y
CHASE	MILDRED		16	IVY STREET	02138	547-7164	01/01/09	Y
DOUGETTE	PATRICK		102	REED STREET	02140	547-7702	09/02/39	Y
HAWES	MARGARET		45	R. C. KELLEY ST	02138	354-0902	11/06/06	Y
HEGGELUND	MARY		11	NEWMAN STREET	02140	876-6990	08/13/97	Y
KANDARIAN	ALICE		86	WALDEN STREET	02140	876-4123	07/18/16	Y
MARQUEDANT	HELEN & STANLEY		139	LEXINGTON AVE.	02138	547-8682	01/01/15	Y
MIKAL	MARGARET		14	WALDEN STREET	02140	354-4588	02/03/30	Y
MURPHY	THOMAS		114	HAMILTON STREET	02139	547-6218	08/27/30	Y
RIGAZIO	MILDRED		297	RINDGE AVENUE	02140	864-8728	01/01/07	Y
STURGIS	MARGUERITE		6	COTTAGE AVE.	02139	354-6894	11/08/21	Y
TUCKER	VICTORIA		24	DECATUR STREET	02139	547-1544	06/29/25	Y
WARD	MARGARET			MARVIN PLACE	02139	354-6725	01/01/27	Y
WYCHE	VELMA		17	ROCKWELL STREET	02139	864-8395	01/01/07	Y

LOCATIONS:

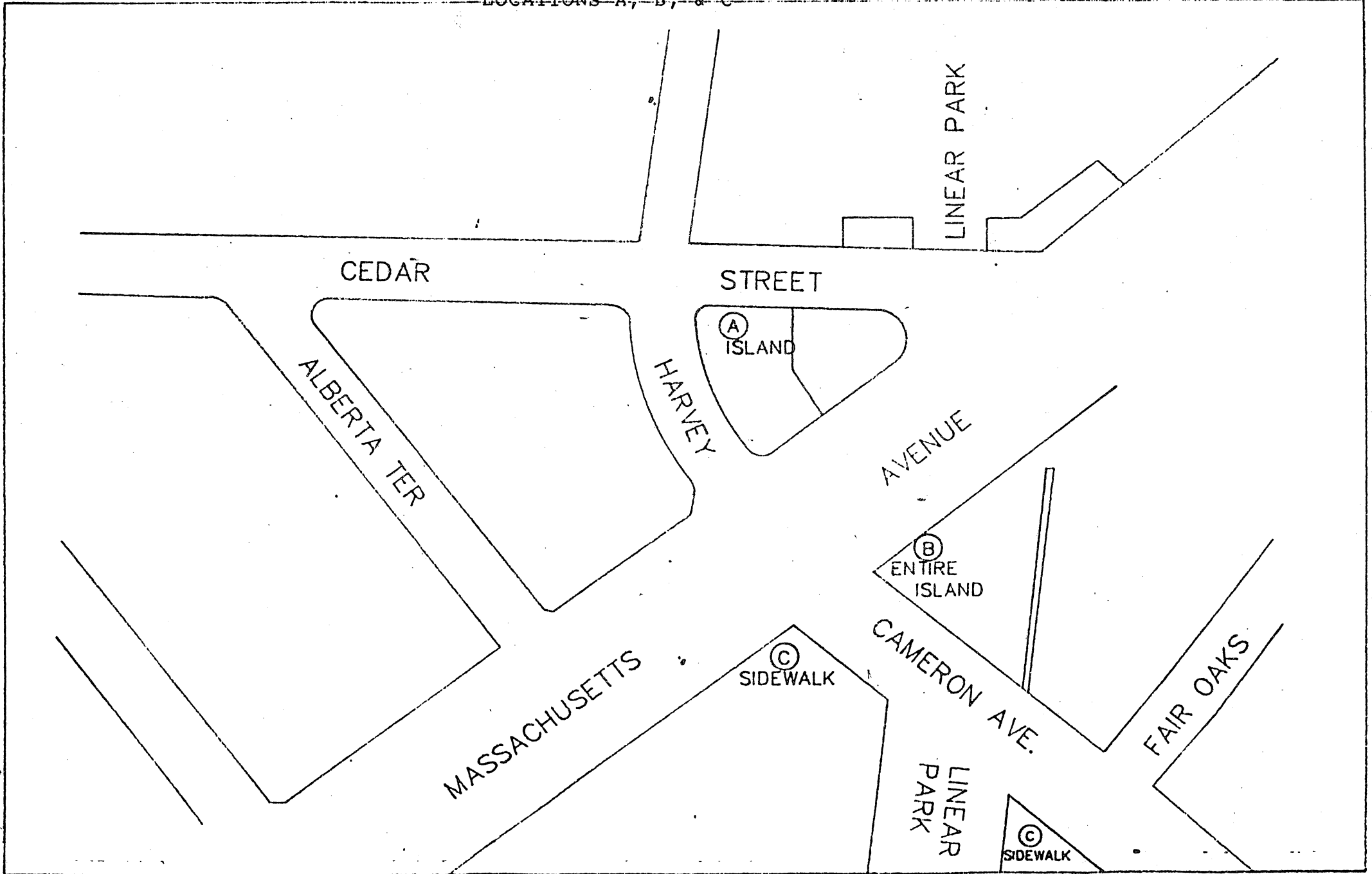
1. WINTHROP PARK
2. MT. AUBURN STREET WALKWAY
3. DEGUGLIELMO SQUARE
4. KIOSK & VICINITY
5. MCCARTHUR PARK
6. OLD CEMETERY
7. DAWES ISLAND



SNOW REMOVAL BY HAND & SHOVEL

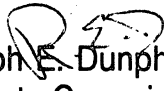
LINEAR PARK

LOCATIONS A, B, & C



147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Employees
Department of Public Works

FROM:  Ralph E. Dunphy
Deputy Commissioner

DATE: September 24, 1993

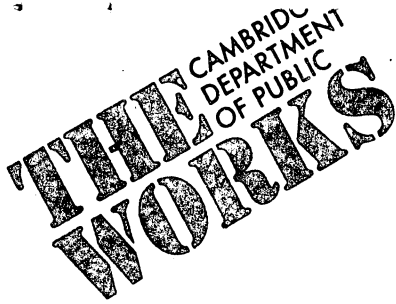
Re: **Salter Drivers/Loader Operators**

The winter is almost here and I would like to know which employees with a Class A, B, or C Commercial Drivers License are interested in driving salters and operating loaders during salting operations.

Please contact Richard Medeiros at his office on or before October 15, 1993 to fill out the necessary forms.

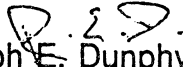
Please bring your drivers license with you. Thank you.





147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Employees
Department of Public Works

FROM: 
Ralph E. Dunphy
Deputy Commissioner

DATE: September 24, 1993

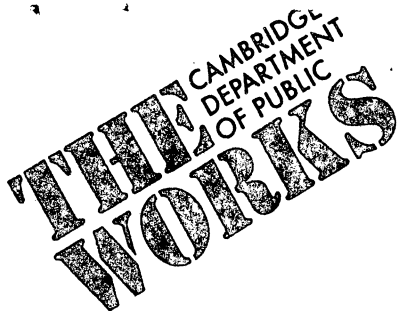
Re: Snow Plowers/Rated Drivers

The winter is almost here and I would like to know which employees with a Class A, B, or C Commercial Drivers License are interested in driving salters and operating loaders during salting operations.

Please contact Richard Medeiros at his office on or before October 15, 1993 to fill out the necessary forms.


Please bring your drivers license with you. Thank you.





147 Hampshire Street
Cambridge
Massachusetts 02139
617 -349-4800
TDD 617-349-4805

TO: All Employees
Department of Public Works

FROM: 
Ralph E. Dunphy
Deputy Commissioner

DATE: September 24, 1993

Re: Non-Rated Drivers With Proper Mass
Licenses

The winter is almost here and I would like to know which employees with a Class A, B, or C Commercial Drivers License are interested in driving salters and operating loaders during salting operations.


Please contact Richard Medeiros at his office on or before October 15, 1993 to fill out the necessary forms.

Please bring your drivers license with you. Thank you.



147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

TO: All Employees
Department of Public Works

FROM: 
Ralph E. Dunphy
Deputy Commissioner

DATE: October 26, 1993

RE: Snow Season Sign-Up

As stated in my memo of September 24, 1993, I would like to know which employees with a Class A, B, or C Commercial Drivers License are interested in driving salters and operating loaders during salting operations.

I would also like to know which other employees would be interested in operating small pieces of equipment and performing other related snow duties.

If you have not already done so, and wish to be added to the snow list, please contact Richard Medeiros immediately.



October 15, 1993

Dear Resident:

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

Now that winter is almost upon us, I would like to remind all Cambridge residents that it is unlawful to reserve curb parking by setting up barriers, old chairs, trash barrels, or any other place holder on the street or sidewalk. This practice is against City Ordinances which prohibit obstruction and littering of public ways.

It is very difficult to keep the streets clear of snow and ice in Cambridge due to the density of the City, its narrow streets, traffic volume and lack of off street parking. Placing barriers in the street to reserve a parking space severely hinders the Department of Public Works' ability to keep the streets safe for vehicular and pedestrian travel.

Therefore, it will continue to be the practice of the Department of Public Works to pick up these barriers and dispose of them on a daily basis. The City will not take responsibility for these barriers being disposed of after they are removed.

I shall appreciate your cooperation and support in the adherence to these City Ordinances.

If you have any questions, please contact the Public Works Department at 349-4800.

Sincerely,


Ralph E. Dunphy
Deputy Commissioner

RED/a



October 15, 1993

Dear Resident:

Please be advised that City Ordinance 12.16.110 requires that the owner or occupant of private property that borders a sidewalk, clear snow from the sidewalk within twelve hours after snow ceases to fall in the daytime, and before 1 P.M. after a snowfall during the evening.

147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

In addition, all ice must be removed from the sidewalk or covered with salt, sand or other suitable substance, by the owner or occupant within six hours after the sidewalk becomes covered with ice.

This ordinance was passed by the City of Cambridge and is enforced by the Cambridge Department of Public Works to insure the health and safety of all the residents of the City.

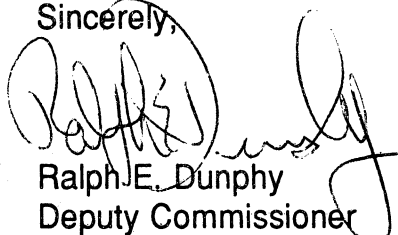
Please make every effort to comply with this Ordinance in the interest of public safety.

Failure to comply will result in a warning for the first violation and a twenty-five dollar ticket for the second violation.

If you have any questions, please feel free to contact Mr. Daniel Evans at the Public Works Department who may be reached at 349-4830.

Thank you for your attention to this matter.

Sincerely,



Ralph E. Dunphy
Deputy Commissioner

RED/a





CITY OF CAMBRIDGE

CAMBRIDGE, MASSACHUSETTS 02139

TEL 349-4300

FAX 349-4307

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

RICHARD C. ROSSI
Deputy City Manager

TO: Perry Anderson, Police Commissioner
Nancy Barnes, Managing Director, Water Department
Ralph Dunfy, Deputy Public Works Commissioner
George Fernandes, City Electrician
Kevin Fitzgerald, Fire Chief
George Teso, Traffic Director

FROM: Robert W. Healy, City Manager

TOPIC: Amherst, Carleton, Hayward and Vassar Streets

DATE: October 15, 1993

By agreement with the City of Cambridge, the above named streets have been conveyed to MIT. Please read the attached report carefully, and abide by the terms of the conveyance described in the last paragraph.

Attachment

SUBJECT: Amherst Street, Carleton Street, Hayward Street, and Vassar Street

By agreement between the City of Cambridge, the Massachusetts Institute of Technology (MIT), and CASPAR, the following conveyances took place:

Amherst Street: By a deed dated June 28, 1993 and recorded in the Middlesex South District Registry of Deeds, the City conveyed to MIT the discontinued portion of Amherst Street from Endicott Street to Massachusetts Avenue.

Carleton Street: By an instrument dated June 28, 1993 and recorded in the Middlesex South District Registry of Deeds, the City conveyed rights and easements to MIT in the discontinued portion of Carleton Street from Amherst Street to Deacon Court. Concurrently, the City also entered into a lease of the discontinued portion of Carleton Street for a twenty year term, renewable for another twenty years.

Hayward Street: By an instrument dated June 28, 1993 and recorded in the Middlesex South District Registry of Deeds, the City conveyed rights and easements to MIT in the discontinued portion of Hayward Street from Amherst Street to Main Street. Concurrently, the City also entered into a lease of the discontinued portion of Hayward Street for a twenty year term, renewable for another twenty years.

Vassar Street: By an instrument dated June 28, 1993 and recorded in the Middlesex South District Registry of Deeds, the City conveyed rights and easements to MIT in the discontinued sidewalk portions of Vassar Street from Audrey Street to Massachusetts Avenue. Concurrently, the City also entered into a lease of the discontinued portions of Vassar Street for a twenty year term, renewable for another twenty years.

Under the terms of these conveyances, MIT assumes all responsibility for policing and maintenance of the discontinued portions of all four streets. These responsibilities include street cleaning, snow removal, enforcement of traffic and parking regulations, police details during construction, and other responsibilities as may be necessary to maintain public safety.

THE CAMBRIDGE
DEPARTMENT
OF PUBLIC
WORKS

November 1, 1993

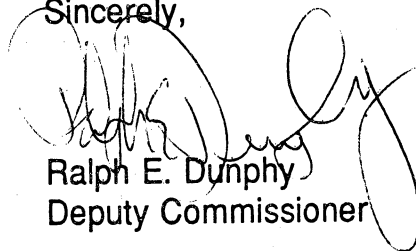
147 Hampshire Street
Cambridge
Massachusetts 02139
617-349-4800
TDD 617-349-4805

Mr. James Cassidy,
President
Local #195
Cambridge City Employees
I.E.P.A.
15 Avon Street
Somerville, MA 02143

Dear Jim:

Attached is the updated Salt and Snow Manual for
the winter season.

Sincerely,



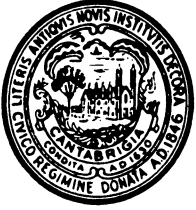
Ralph E. Dunphy
Deputy Commissioner

RED/a



**SALTING MAPS
(1-10)**

**PLOWING MAPS
(1-8)**



CITY OF CAMBRIDGE
CAMBRIDGE, MASSACHUSETTS 02139

TEL. 349-4300
FAX. 349-4307

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

RICHARD C. ROSSI
Deputy City Manager

February 28, 1994

To The Honorable, The City Council:

For your referral to the public hearing this evening, regarding clearance of sidewalks of snow, I submit the following information:

The entire logistics of snow fighting operations in an older, congested urban area with over 125 miles of streets and 39,000 registered Motor Vehicles are extremely complicated and vary from storm to storm. Depending on the day (school or weekend), time (rush hour, late night or day light), composition of snow (heavy & wet or light & fluffy), temperature (long range below freezing or melting in next 3 days), and wind conditions the approach to fighting winter storms differs.

First and foremost in a serious storm event, the priorities are clearance of the roadways to allow for passage of emergency vehicles (police, fire, ambulance) or necessities of life (oil delivery). This necessitates clearing the streets so that vehicles can progress so as to not block emergency vehicles. This is done in a comprehensive and organized "sector" system as described in the attached Snow Manual.

In addition to the streets, all appropriate departments are mobilized to deal with the multitude of other areas and concerns including but not limited to: Hospital Emergency entrance, Neville Manor emergency entrance, school parking lots, hospital parking lots, municipal parking lots and roofs, school sidewalks and bus stops and school crossing guard locations, public building and public area sidewalks and entrances. The duration, severity and timing of the storm all impact our limited staffing capacity to do everything at once.

The enforcement of the sidewalk clearance ordinance is hampered by several factors: the prevalence of absentee property owners; the limited number of personnel available to write tickets; and the ordinance itself which allows 12 hours from the cessation of snow fall before a ticket can be issued. While deploying parking control officers and other enforcement employees is logical, such a practice has been impossible due to collective bargaining agreements; I intent to address this in the next rounds of bargaining.

Consent Agenda #21

CM-601

Transmitting communication from R.W Healy
re: the clearance of sidewalks of snow.

In City Council February 28, 1994

Referred to the public
hearing schedule for
7 PM.