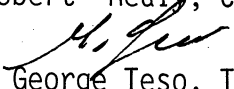




CITY OF CAMBRIDGE
INTEROFFICE CORRESPONDENCE

To Robert Healy, City Manager

Date Feb. 14, 1991

From 
George Teso, Traffic Director

Reference

Subject City Council Order #34 dated 9/4/90 Re; Accident and Speed Study "North Cambridge Area"

I have enclosed a copy of the accident and speed study conducted on streets in North Cambridge. I will forward a copy of the report to the police department so that they can check the areas of high speeds and accidents.

RECEIVED
91 FEB 15 AM 8:58
OFFICE OF THE CITY MANAGER

Enc.

GT:rd

NORTH CAMBRIDGE
AREA STUDY

PREPARED BY
CITY OF CAMBRIDGE
TRAFFIC AND PARKING DEPARTMENT
JANUARY 1991

NORTH CAMBRIDGE
AREA STUDY

A. PURPOSE

The purpose of this study was to collect and analyze data to determine if this area is experiencing unusually high levels of speeding cars and accidents.

These counts were postponed for a lengthy period of time due to the reconstruction of Rice Street which is included in the block of streets under investigation.

B. EXISTING CONDITIONS

The area under investigation is comprised of a series of one way streets which is shown on attachment 1. There are four fully signalized intersections in the vicinity. These are Mass Ave at Cedar Street, Mass Ave. at Cameron Ave., Mass Ave. at Rice Street, and Sherman Street at Rindge Ave.. Two flashers are located on Cedar Street; one at the intersection of Harvey Street which is an overhead span and the second at Dudley Street which is also an overhead span wire.

Stop signs are located on Rice Street at Cedar Street, on Cedar Street at Rice Street, on Norris Street at Mass Ave., on Dudley Street at Cedar Street (both sides), and on Alberta Terrace at Mass Ave..

No Turn On Red signs are located on Mass Ave. at Rice Street and Cedar Street for southbound traffic on Mass Ave.. These signs were installed in June of 1987 and August of 1989 respectively.

In September of 1977 a speed regulation was installed for Rindge Ave. from Alewife Brook Parkway to Mass Ave. which set the Speed Limit at 25 MPH. Signs stating this limit are posted at various locations along Rindge Ave..

All the streets in the area are restricted by either Resident Permit Parking, No Parking Tow, or Time Limit Regulations. Enforcement is done by both Parking Control Officers and the Cambridge Police. On the average each of these streets is checked twice daily by the Parking Control Officers.

C. SPEED STUDY

Speed data was gathered by use of a radar gun. The following table lists the average and 85th percentile of the streets checked. The 85th percentile is the speed at or below which 85% of the drivers travel.

SPEEDS 1991

STREET	DIRECTION	AVERAGE SPEED MPH	85TH PERCENTILE MPH
RICE ST.	westbound	23	26
NORRIS ST.	eastbound	21	26
DUDLEY ST.	westbound	21	25
DUDLEY ST.	eastbound	20	25
ALBERTA Ter.	eastbound	19	22
CEDAR ST.	northbound	26	30
CEDAR ST.	southbound	26	31
RINDGE AVE.	westbound	25	30
RINDGE AVE.	eastbound	26	30

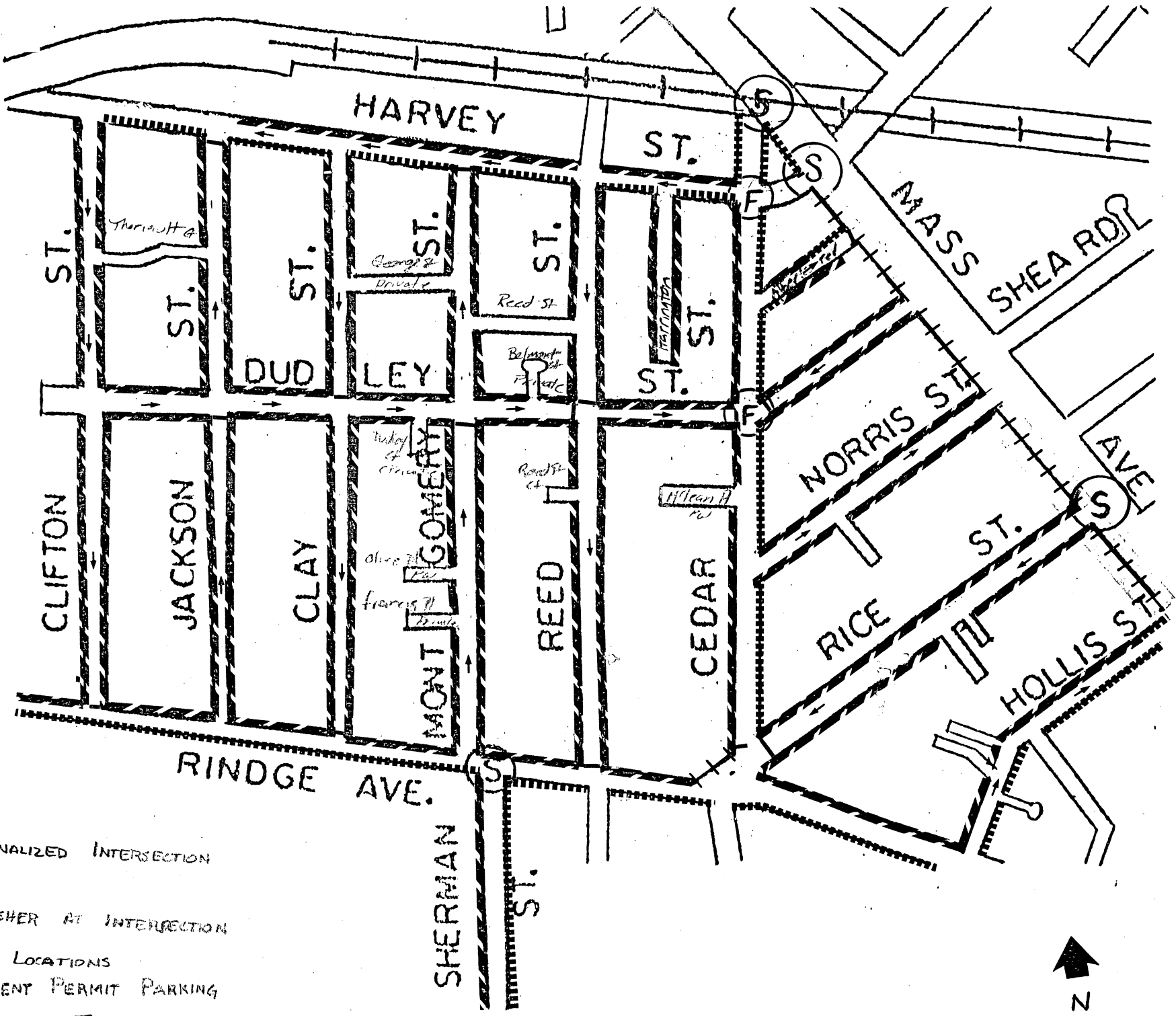
As shown in the preceding table Speeds listed were generally at or below the 30 MPH limit which is the State Speed Limit on roadways in thickly settled or business districts. Raw data listed in Appendix B.

D. ACCIDENT STUDY

An accident study was conducted by this Department with the aid of the Cambridge Police Investigations Division. Attachment 2 shows where and how many accidents occurred in this location over a 1 1/2 year period extending from 1/1/89 to 5/20/90. As shown in the attached individual accident diagrams (Appendix A) the highest number of accidents occurred at Mass Ave and Cedar Street. This intersection experienced 8 accidents in the 1 1/2 year period, there was no pattern to these accidents. Several of the accidents were rear end collisions, a common accident for a signalized intersection. This lack of pattern proved to be true for all the accident locations in this study area. Throughout each of the accident locations the most common reason for the accident was drivers pulling into the flow of traffic without making sure they had adequate clearance time.

E. CONCLUSION

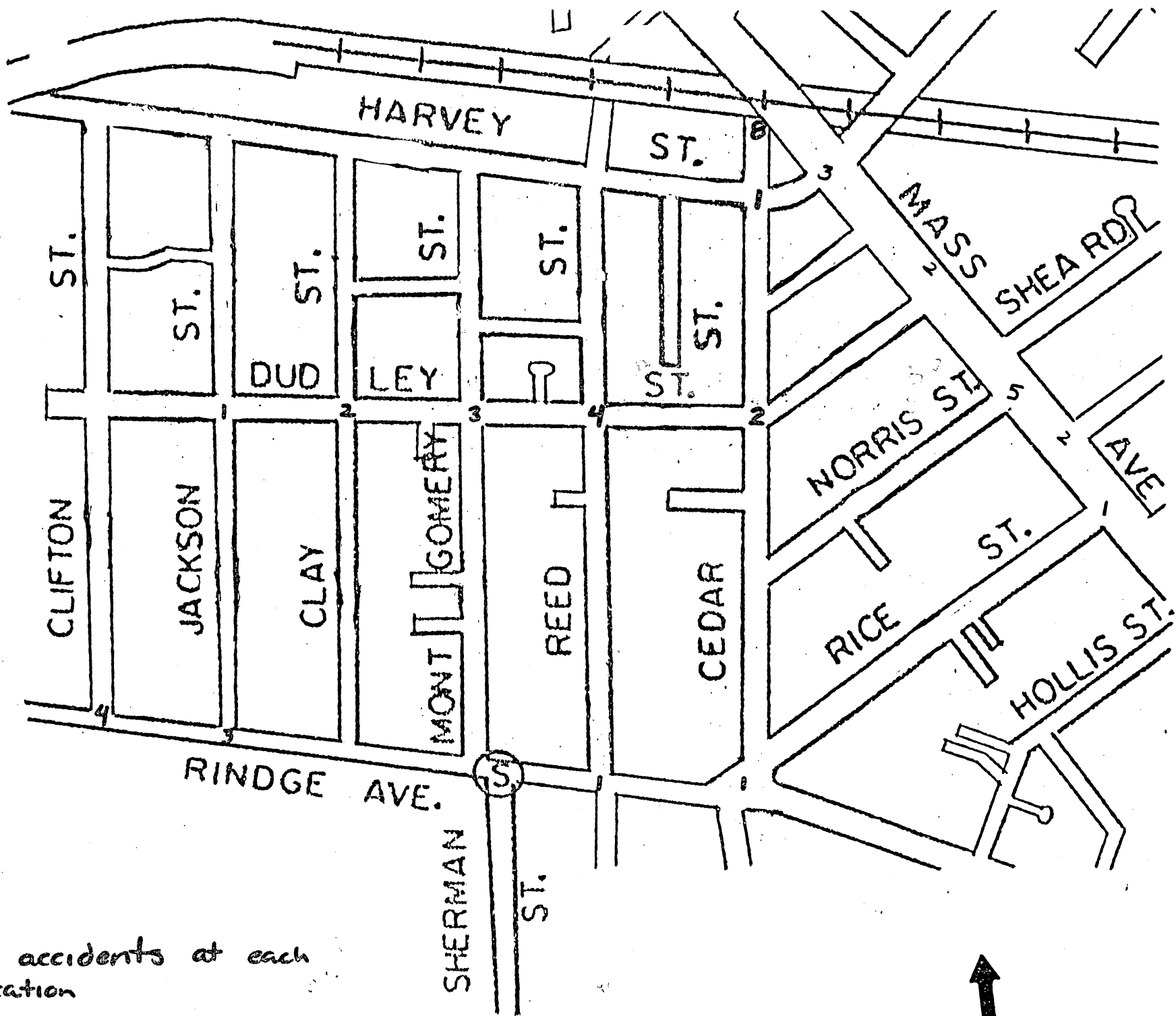
From the data collected by this department there appeared to be no significant problem with parking or speeding. The only street which showed slight speeding was Rindge Ave. These speed checks will be sent to the Police Department for their review with a request that they monitor this area for speeders. The speeding which occurs on the remainder of the streets under examination fall within the 15% which is standard. Signing in the area was inspected and found to be adequate, additional signs would serve no purpose. We will continue to monitor this area to ensure the signing remains adequate and will send a request that the Police perform random speed checks to ensure speeding is kept in check.



- (S) SIGNALIZED INTERSECTION
- (F) FLASHER AT INTERSECTION
- STOP LOCATIONS
- ▨ RESIDENT PERMIT PARKING
- NO PARKING TOW
- || LIMITED TIME PARKING



Attachment 1



of accidents at each location



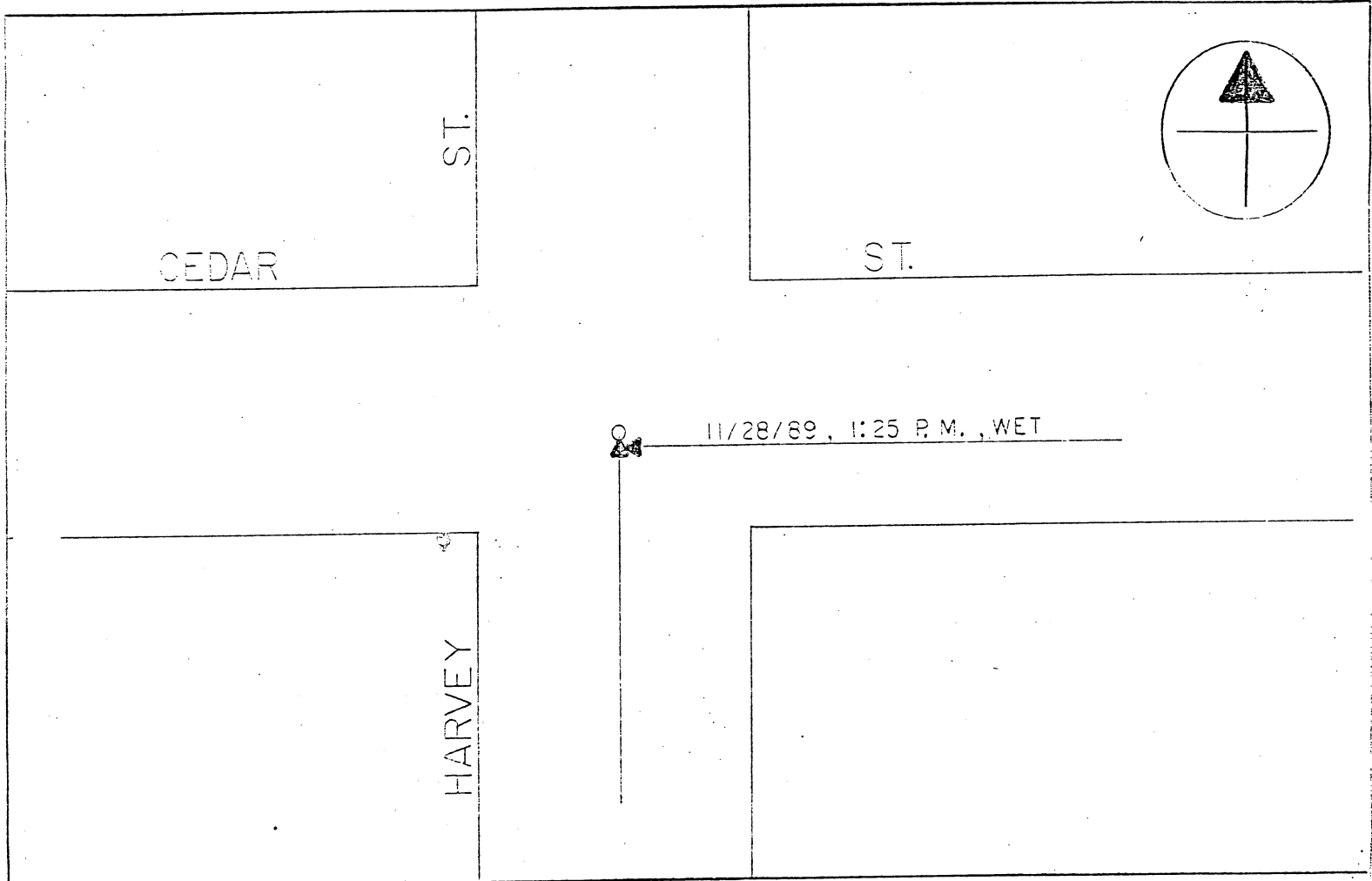
Attachment 2

APPENDIX A

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location CEDAR & HARVEY Number of Accidents 1
 From 1/1/89 To 5/20/90 Date 6/19/90
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



Legend

- ← Moving Motor Vehicle
- ▲ Pedestrian
- ▣ Parked Vehicle
- Fixed Object
- ⊗ Fatal Accident
- ⊙ Personal Injury
- ⊕ Property Damage
- ⇄ Trolley
- ⊖ Out of Control
- ← Rear End
- ↘ Right Angle

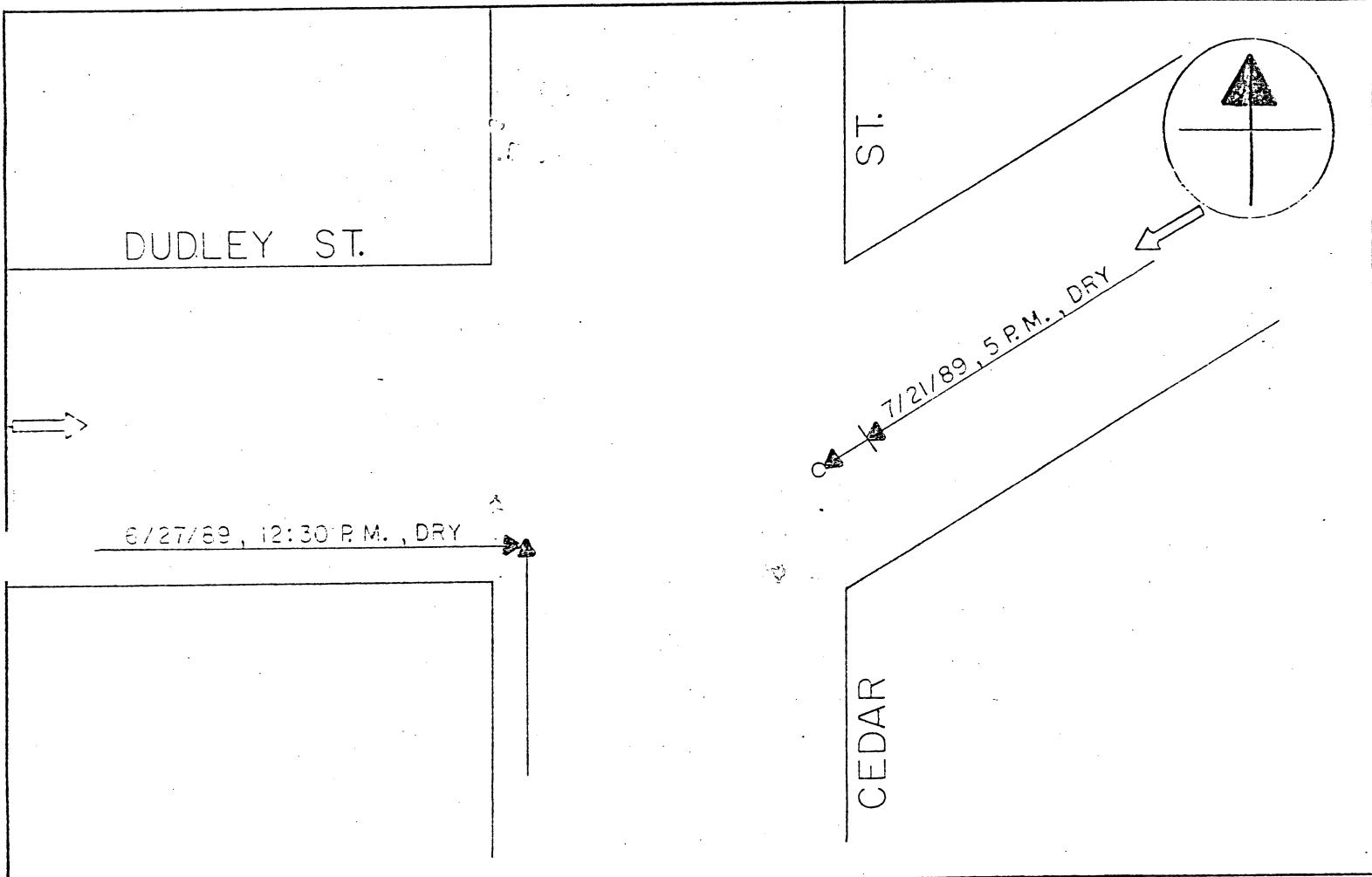
Accident Summary									
Type	By Types				By Years				
	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
Head On					89	1			1
Side Swipe									
M.V. Ped.									
Fixed Object									
Right Angle		1		1					
Others									
Total		1		1		1			1

Date 6/19/90 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location CEDAR & DUDLEY Number of Accidents 2
 From 1/1/89 To 5/20/90 Date 6/14/90
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



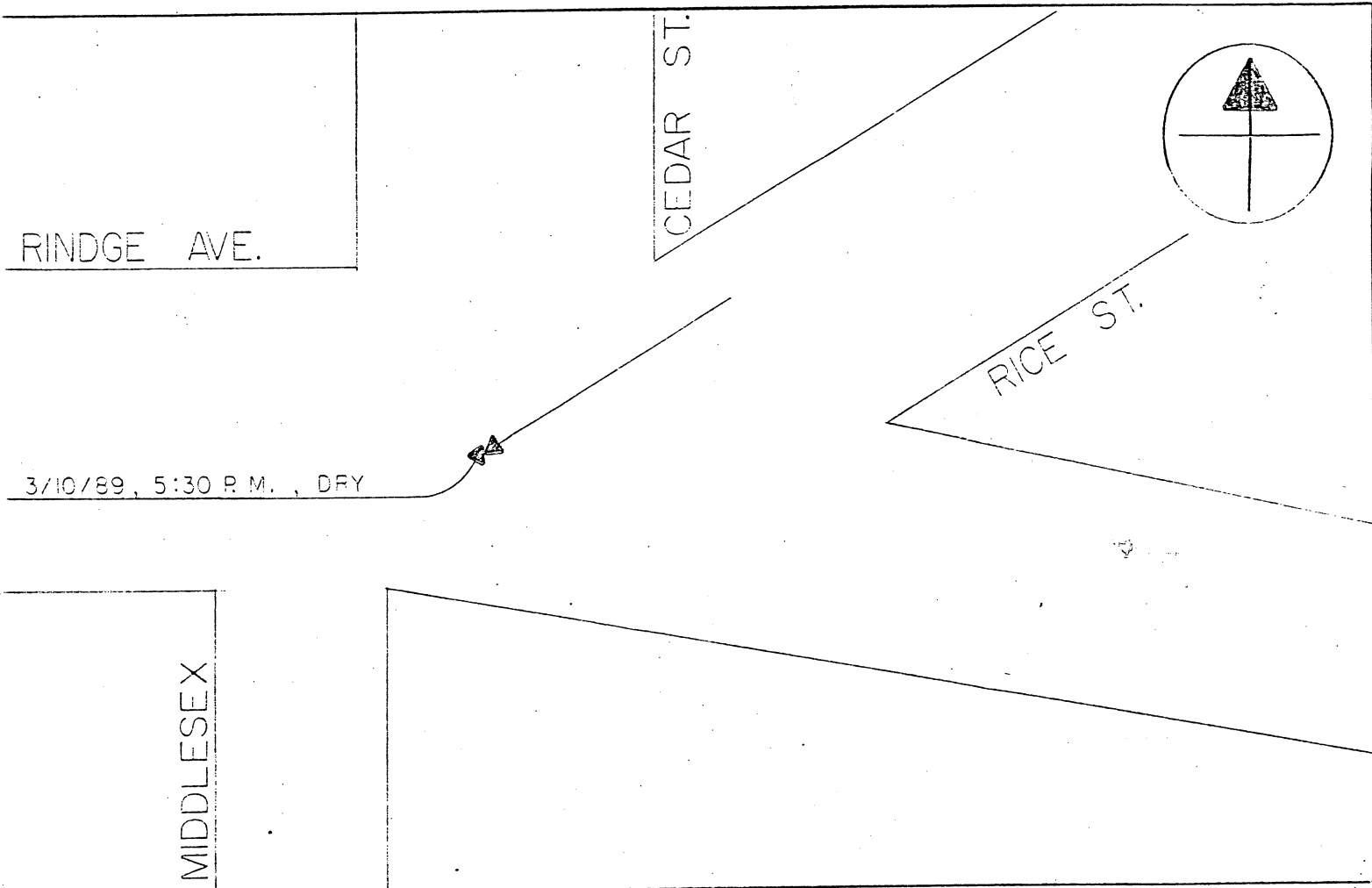
Legend	Accident Summary									
	By Types					By Years				
	Type	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
← Moving Motor Vehicle						89	2			2
← Pedestrian										
☐ Parked Vehicle										
☐ Fixed Object										
⊕ Fatal Accident										
⊕ Personal Injury										
⊕ Property Damage										
← Trolley										
⊕ Out of Control										
← Rear End										
⊕ Right Angle										
	Total			2	2	—	2			2

Date 6/14/90 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location CEDAR & RICE Number of Accidents 1
 From 1/1/89 To 5/20/90 Date 6/19/90
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



- Legend**
- ← Moving Motor Vehicle
 - ▲ Pedestrian
 - ◻ Parked Vehicle
 - ◻ Fixed Object
 - ⊕ Fatal Accident
 - ⊗ Personal Injury
 - ⊘ Property Damage
 - ⇄ Trolley
 - ⤴ Out of Control
 - ⊕ Rear End
 - ⊗ Right Angle

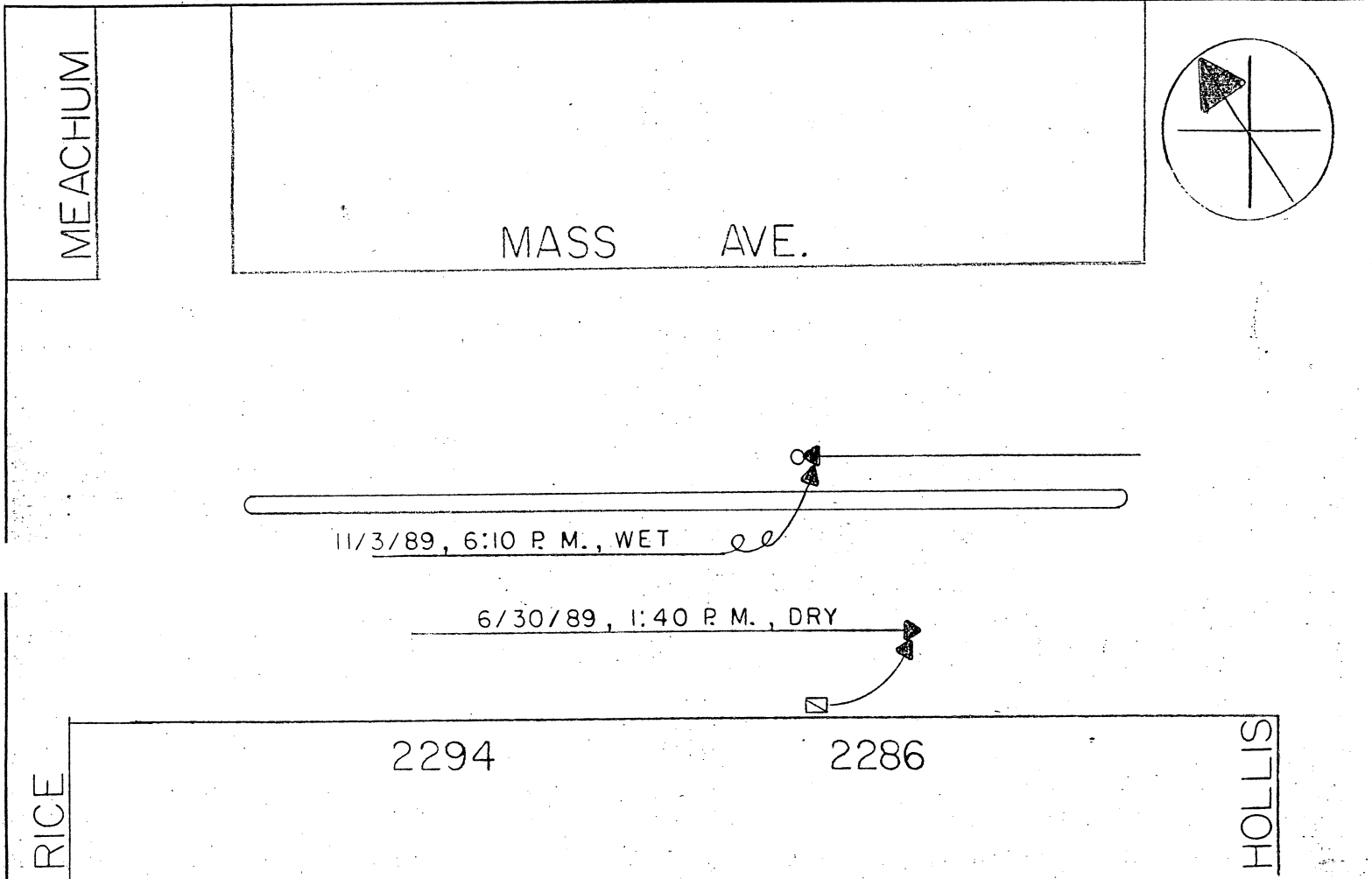
Accident Summary									
Type	By Types				By Years				
	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
Head On					89	1			1
Side Swipe									
M.V. Ped.									
Fixed Object									
Right Angle			1	1					
Others									
Total			1	1		1			1

Date 6/19/90 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location MASS AVE. Number of Accidents 2
 From 1/1/89 To 5/20/90 Date 2/12/91
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



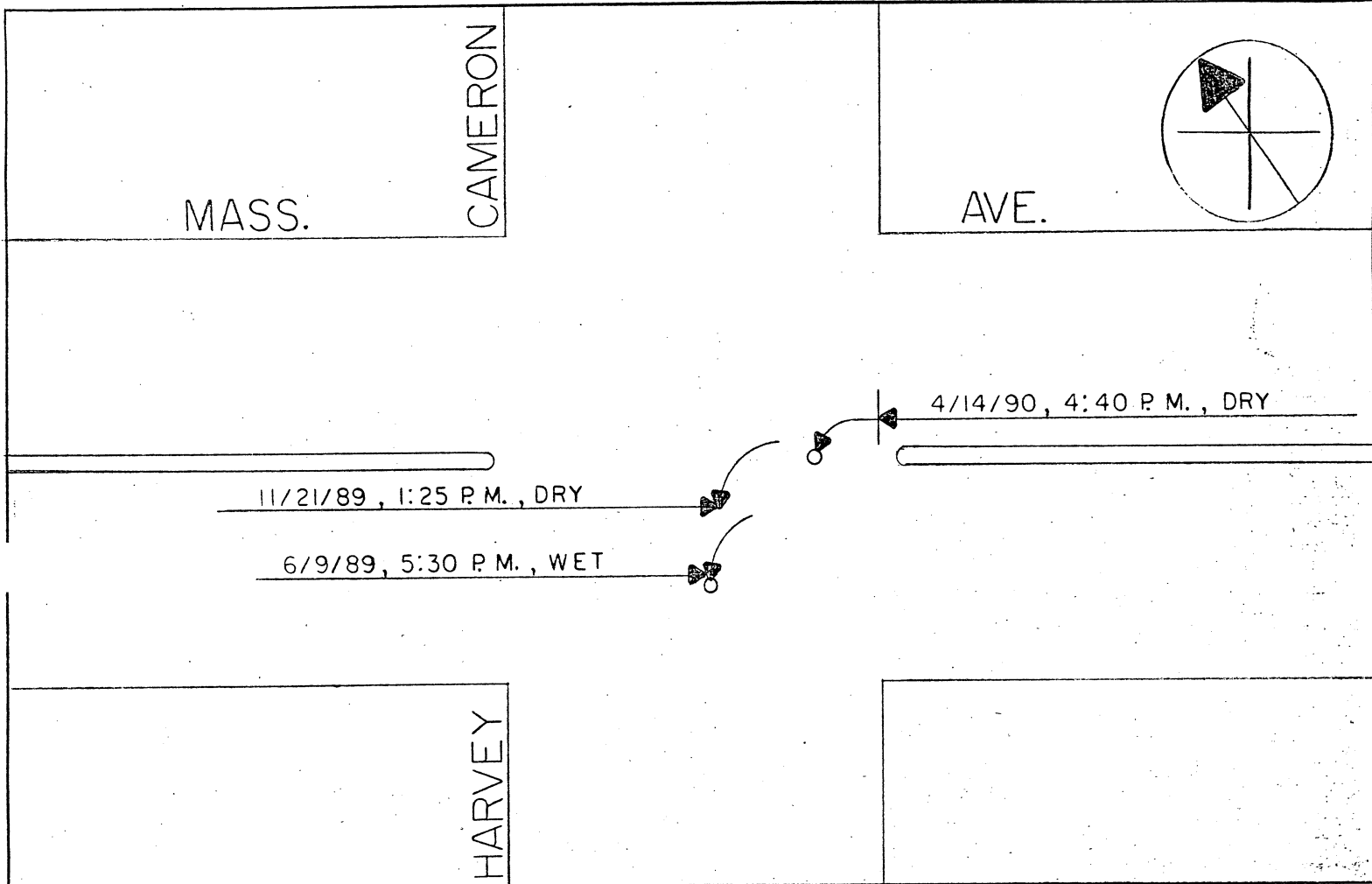
Legend	Accident Summary								
	By Types				By Years				
Type	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
Head On					89	2			2
Side Swipe									
M.V. Ped.									
Fixed Object									
Right Angle		1	1	2					
Others									
Total		1	1	2		2			2

Date 2/12/91 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location MASS AVE. & HARVEY ST. Number of Accidents 3
 From 1/1/89 To 5/20/90 Date 2/11/91
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



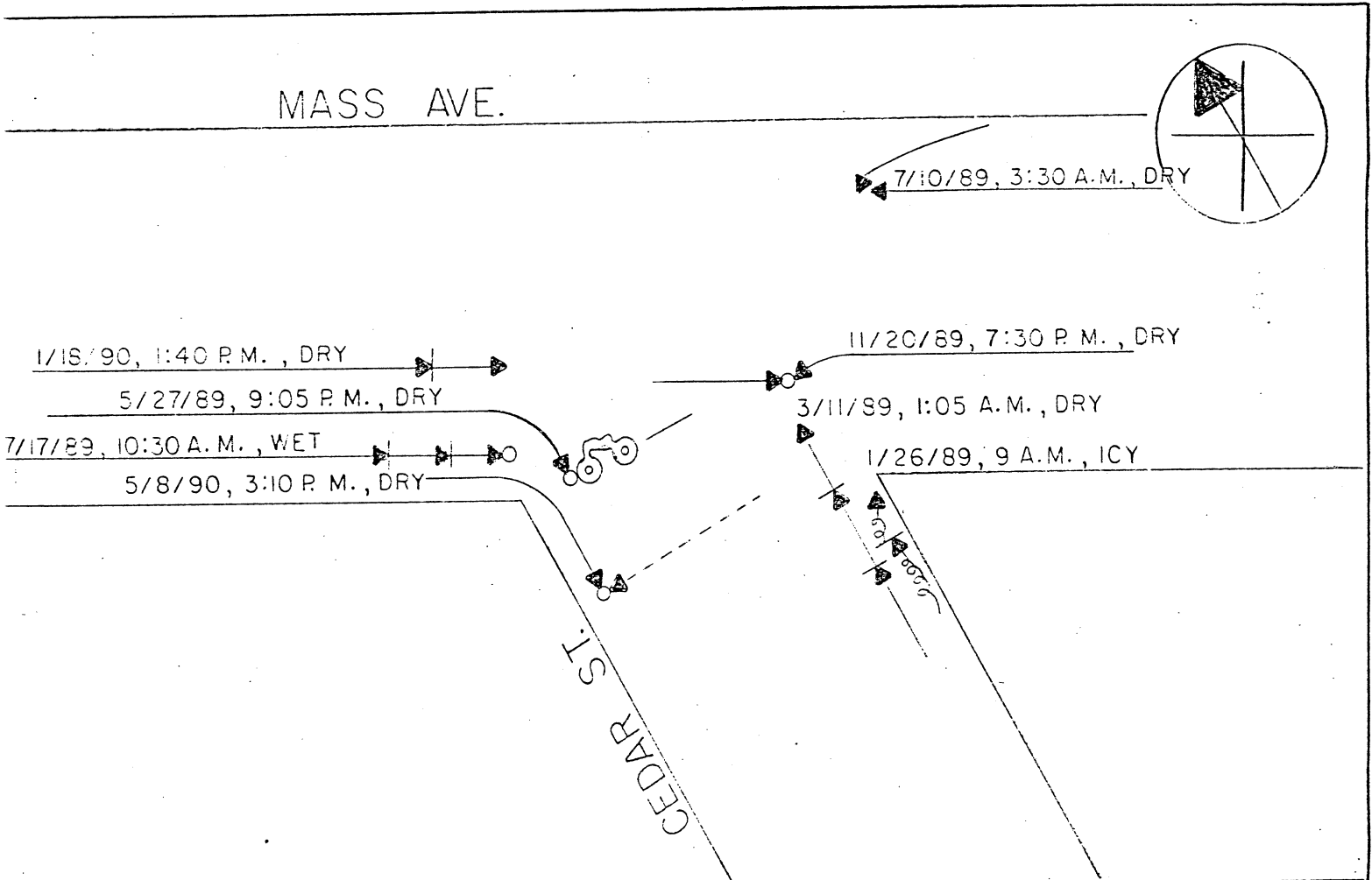
Legend	Accident Summary									
	By Types				By Years					
	Type	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
← Moving Motor Vehicle						89	2			2
▲ Pedestrian						90	1			1
◻ Parked Vehicle										
◻ Fixed Object										
⊕ Fatal Accident										
⊗ Personal Injury										
⊘ Property Damage										
← Trolley										
⊙ Out of Control										
← Rear End										
↘ Right Angle										
Total			2	1	3		3			3

Date 2/11/91 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location CEDAR & MASS AVE. Number of Accidents 8
 From 1/1/89 To 5/20/90 Date _____
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



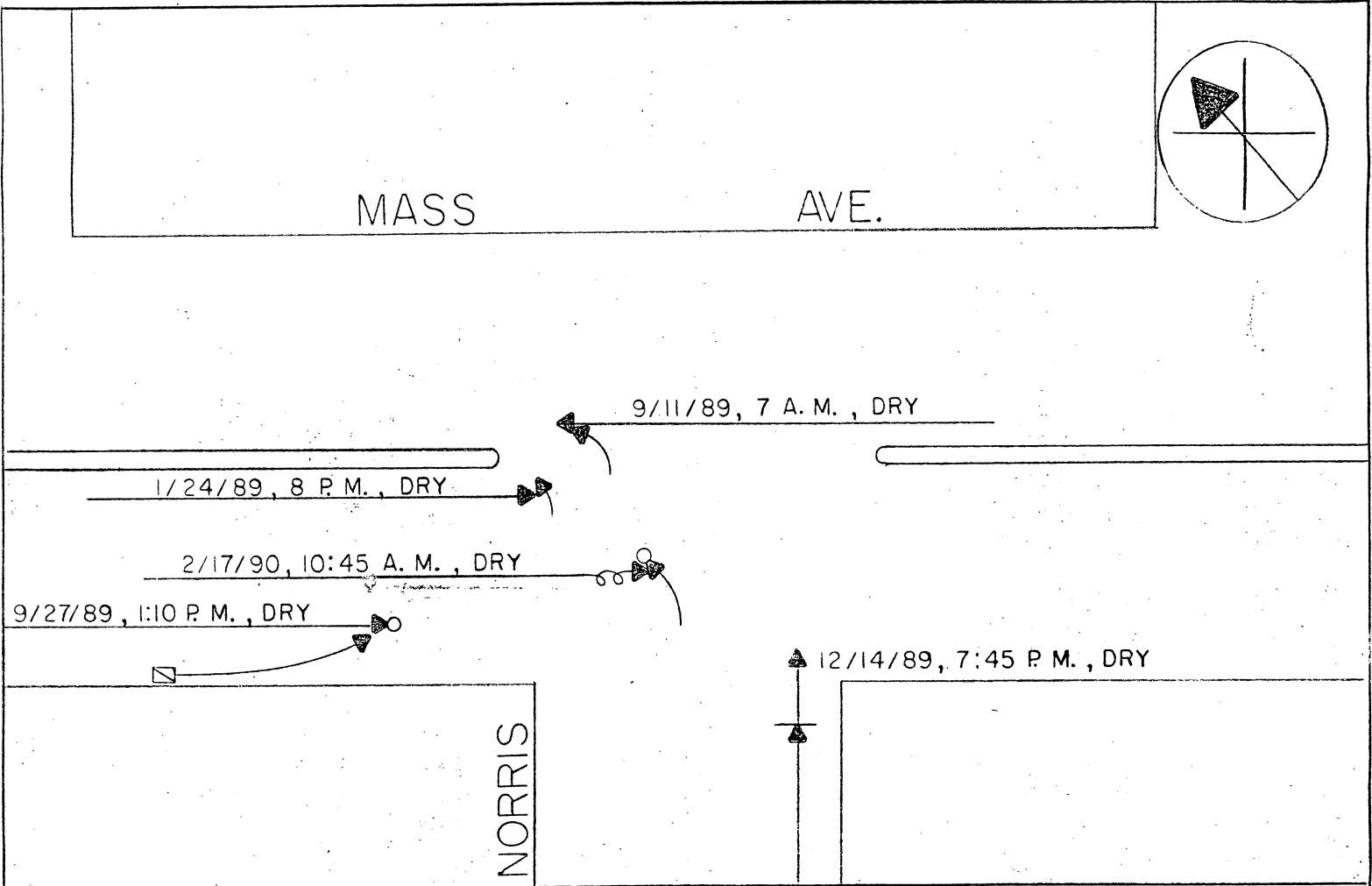
Legend	Accident Summary									
	By Types					By Years				
	Type	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
Head On						89	6			6
Side Swipe						90	1	1		2
M.V. Ped.			1		1					
Fixed Object										
Right Angle			2	1	3					
Others			1	3	4					
Total			4	4	8		7	1		8

Date 6/13/90 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location MASS AVE. & NORRIS ST. Number of Accidents 5
 From 1/1/89 To 5/20/90 Date 2/11/91
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



- Legend**
- ← Moving Motor Vehicle
 - Pedestrian
 - ◻ Parked Vehicle
 - ◻ Fixed Object
 - ⊕ Fatal Accident
 - ⊙ Personal Injury
 - ⊗ Property Damage
 - ⇄ Trolley
 - ⊙ Out of Control
 - ⊕ Rear End
 - ⊕ Right Angle

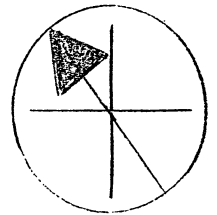
Accident Summary									
Type	By Types				By Years				
	Fatal	Inj.	Prop. Damage	Total	Year	M.V.	M.V. Ped.	Other	Total
Head On					89	4			4
Side Swipe					90	1			1
M.V. Ped.									
Fixed Object									
Right Angle		2	2	4					
Others			1	1					
Total		2	3	5		5			5

Date 2/11/91 Compiled By E. J.

CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location MASS. AVE. & RICE ST. Number of Accidents 1
 From 1/1/89 To 5/20/90 Date 2/11/91
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



MASS. AVE.

4/21/89, 3:32 P. M., DRY

RICE



Legend

- ← Moving Motor Vehicle
- ← Pedestrian
- ☐ Parked Vehicle
- ☐ Fixed Object
- ⊗ Fatal Accident
- ⊙ Personal Injury
- ⊕ Property Damage
- ⇄ Trolley
- ⊖ Out of Control
- ← Rear End
- ↘ Right Angle

Accident Summary

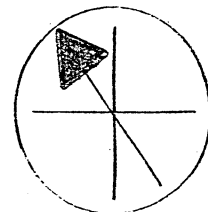
Type	By Types			Total	By Years				
	Fatal	Inj.	Prop. Damage		Year	M.V. M.V.	M.V. Ped.	Other	Total
Head On					89	1			1
Side Swipe									
M.V. Ped.									
Fixed Object									
Right Angle									
Others									
Total						1			1

Date 2/11/91 Compiled By E. J.

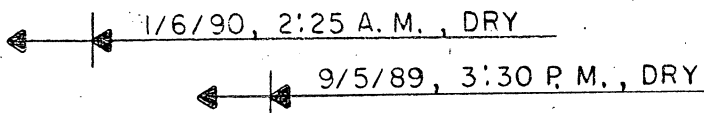
CITY OF CAMBRIDGE

COLLISION DIAGRAM

Location MASS AVE Number of Accidents 2
 From 1/1/89 To 5/20/90 Date 2/12/91
 Data Obtained From CAMBRIDGE POLICE DEPT. By E. J.



MASS AVE.



2400

Legend	Accident Summary									
	By Types				By Years					
	Type	Fatal	Inj.	Prop. Damage	Total	Year	M.V. M.V.	M.V. Ped.	Other	Total
← Moving Motor Vehicle	Head On					89	1			1
← Pedestrian	Side Swipe					90	1			1
☐ Parked Vehicle	M.V. Ped.									
☐ Fixed Object	Fixed Object									
⊕ Fatal Accident	Right Angle									
⊗ Personal Injury	Others			2	2					
⊕ Property Damage	Total			2	2		2			2
← Trolley										
⊗ Out of Control										
← Rear End										
↗ Right Angle										

Date 2/12/91 Compiled By E. J.

APPENDIX B

RADAR SPEED CHECK

LOCATION: DUDLEY STREET

AT

MASS AVE to CEDAR

DATE: _____ TIME: 2:25 3:25

WEATHER: GOOD

CONDITION OF ROAD: GOOD

RECORDER: JOHN GANNATTON

PH	QUAN	PRODUCT
10		
11		
12		
13		
14	1	14
15	6	90
16	3	48
17	6	102
18	3	54
19	4	76
20	6	120
21	6	126
22	3	66
23	1	23
24	8	192
25	5	125
26	5	130
27	1	27
28		
29		
30	1	30
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		

PERCENTILE RATIO = 25

TOTAL 59 1243
 AVERAGE 21.07

RADAR SPEED CHECK

LOCATION: Duolix AT CLAY to CLAR

DATE: 11/20/90 TIME: 9:08 A 10:00 A WEATHER: Good

CONDITION OF ROAD: Good RECORDER: J. CONNARTON

MPH		QUAN	PRODUCT
10			
11			
12			
13			
14	✓	1	14
15			
16	✓✓✓	3	48
17	✓✓✓	3	51
18	✓✓✓	3	54
19	✓✓✓✓✓	5	95
20	✓✓✓✓✓	6	120
21	✓✓	2	42
22	✓✓✓✓✓	7	154
23	✓	1	23
24			
25	✓✓	2	50
26	✓✓✓	3	78
27	✓	1	27
28	✓	1	28
29			
30	✓	1	30
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			

TOTAL 39 814
 AVERAGE 21

95 PERCENTILE SPEED = 26

RADAR SPEED CHECK

LOCATION: DUDLEY AT CLAY & CORA

DATE: 11/19/90 TIME: 2:30 - 3:30 PM WEATHER: GOOD

CONDITION OF ROAD: GOOD RECORDER: J. CONNARTON

MPH		QUAN	PRODUCT
10			
11			
12			
13			
14	✓	1	14
15	✓	1	15
16	✓✓✓✓	4	64
17	✓✓	2	34
18	✓✓✓✓✓✓✓✓	8	162
19	✓✓✓✓✓✓	6	114
20	✓✓✓✓✓✓	6	120
21	✓✓✓✓✓✓	6	126
22	✓✓✓✓✓✓✓✓	8	110
23	✓✓	2	46
24	✓✓✓	3	72
25	✓✓✓	3	75
26	✓	1	26
27			
28	✓	1	28
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			

TOTAL 53 1006

85 PERCENTILE SPEED = 24

19

RADAR SPEED CHECK

LOCATION: NORRIS STREET AT _____

DATE: 11/5/80 TIME: 2:15 - 3:15 WEATHER: Cloudy

CONDITION OF ROAD: GOOD RECORDER: J. Conner Anton

MPH																					QUAN	PRODUCT
10	✓																				1	10
11																						
12																						
13																						
14																						
15	✓																				1	15
16	✓	✓	✓	✓	✓	✓															6	96
17	✓	✓	✓	✓																	4	68
18	✓	✓	✓																		3	54
19	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	266
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	15	300
21	✓	✓	✓	✓	✓	✓	✓														7	147
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					13	286
23	✓	✓	✓	✓	✓	✓															6	138
24	✓	✓	✓	✓	✓																5	120
25	✓	✓	✓	✓	✓																5	125
26	✓	✓	✓	✓	✓	✓															6	156
27	✓	✓	✓	✓	✓	✓															6	162
28	✓	✓	✓	✓																	1	28
29	✓	✓	✓	✓																	4	116
30	✓																				1	30
31	✓																				1	31
32																						
33	✓	✓																			2	66
34																						
35	✓																				1	35
36																						
37																						
38																						
39																						
40																						
41																						
42																						
43																						
44																						
45																						
46																						
47																						
48																						
49																						
50																						
51																						
52																						
53																						

TOTAL 102 2172
 AVERAGE 21.29

26

PERCENTAGE

RADAR SPEED CHECK

LOCATION: RINDGE AVENUE AT MIDDLESEX
 DATE: 12/1/49 TIME: 1:55^{PM} to 2:55^{PM} WEATHER: 6000
 CONDITION OF ROAD: GOOD RECORDER: J. Conant

MPH																QUAN	PRODUCT	
10																		
11																		
12																		
13																		
14																		
15	✓																1	15
16	✓	✓	✓														3	48
17	✓																1	17
18	✓	✓	✓	✓	✓												5	90
19	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	209
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	360
21	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	294
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	308
23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	15	345
24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	336
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	23	575
26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	25	650
27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	17	459
28	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	15	420
29	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	348
30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	300
31	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	434
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7	224
33	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	165
34	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	170
35	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	70
36																		
37																		
38																		
39	✓																1	39
40																		
41																		
42																		
43																		
44																		
45																		
46																		
47																		
48																		
49																		
50																		
51																		
52																		
53																		

TOTAL 232 5437
 AVERAGE 25.16

85 PERCENTILE SPEED 30

RADAR SPEED CHECK

LOCATION: Rinday Ave AT Sheridan St
 DATE: 1/19/90 TIME: 3:30 - 4:15 WEATHER: Clear Cool
 CONDITION OF ROAD: New RECORDER: MJK

	QUAN	PRODUCT
10		
11		
12		
13		
14	1	14
15		
16	2	32
17	1	17
18	5	
19	2	38
20	2	40
21	5	105
22	7	154
23	5	115
24	10	240
25	9	225
26	9	234
27	7	189
28	10	280
29	6	174
30	7	210
31	4	124
32	6	192
33	2	66
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
1		

85 PERCENTILE SPEED = 30 TOTAL 100 2449
 AVERAGE 24.5

LOCATION: KICE AT _____

DATE: 11/24/87 TIME: 1³⁰ - 2⁰⁰

WEATHER: MILD

CONDITION OF ROAD: GOOD

RECORDER: E. J.

										QUAN	PRODUCT
10											
11											
12											
13											
14											
15											
16											
17	✓	✓								2	34
18	✓	✓	✓							3	54
19	✓	✓	✓	✓	✓	✓				6	114
20	✓	✓	✓	✓	✓	✓				6	120
21	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	210
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	198
23	✓	✓	✓	✓	✓	✓	✓	✓	✓	13	299
24	✓	✓	✓	✓	✓	✓	✓			8	192
25	✓	✓	✓	✓	✓	✓	✓	✓		9	225
26	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	286
27	✓	✓	✓	✓	✓	✓	✓			8	216
28	✓	✓	✓	✓						4	112
29	✓	✓	✓							3	87
30	✓									1	30
31											
32	✓									1	32
33	✓	✓								2	66
34											
35	✓									1	35
36	✓									1	36
37											
38	✓									1	38
39											
40											
41											
42	✓									1	42
43											
44											
45											
46											
47											
48											
49											
50											
51											
52											
53											

TOTAL 100 2426
 AVERAGE 24

85 PERCENTILE SPEED = 28

PERCENTAGE OF...

85

AVERAGE

21.90

TOTAL

61

1334

TIME	WEATHER	RECORDED	CONDITION OF ROAD	QUANTITY	PRODUCT
11					
12		2	✓	24	
13					
14		1	✓	14	
15		1	✓	57	
16		4	✓	64	
17		5	✓	85	
18		3	✓	54	
19		3	✓	57	
20		6	✓	180	
21		3	✓	63	
22		8	✓	176	
23		7	✓	161	
24		3	✓	72	
25		5	✓	200	
26		2	✓	52	
27		2	✓	56	
28		2	✓	48	
29		2	✓	48	
30		1	✓	3	

CONDITION OF ROAD:

FAIR

RECORDED:

T. Compton

DATE:

11/23/81

WEATHER:

Clear

TIME:

9:25 E. 10:15

LOCATION:

LOCATION: Rindge Ave AT Sheridan St

DATE: 1/19/70 TIME: 3³⁰ - 4¹⁵

WEATHER: Clear Cool

CONDITION OF ROAD: New

RECORDER: AJK

EB

	QUAN	PRODUCT
10		
11		
12		
13		
14		
15		
16	X	16
17	X	17
18		
19	X	19
20	X X X X X	4 80
21	X X X	3 63
22	X X X X X X X	7 154
23	X X X X X X X X	9 207
24	X X X X X X X X X X	11 264
25	X X X X X X X X X X X	13 325
26	X X X X X X X X X X	11 286
27	X X X X X X X X	8 216
28	X X X X X X X X X X	11 308
29	X X X X X	5 145
30	X X X X X	6 180
31	X X X X X	5 155
32	X X X	3 96
33	X	1 33
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		

85 PERCENTILE SPEED = 30

TOTAL 100
AVERAGE 2564
25.6

RADAR SPEED CHECK

LOCATION: RINDLE AVENUE AT MIDDLESEX

DATE: 12/12/90 TIME: 9:20 10:20 WEATHER: GOOD

CONDITION OF ROAD: GOOD RECORDER: J CONNARTON

PH																					QUAN	PRODUCT
10																						
11																						
12																						
13																						
14	✓																				1	14
15	✓✓																				2	30
16	✓✓✓✓✓✓✓																				9	171
17	✓✓✓✓✓✓✓																				8	136
18	✓✓✓✓✓✓																				6	108
19	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				21	399
20	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				16	320
21	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				18	378
22	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				32	704
23	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				29	667
24	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				33	792
25	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				33	825
26	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				33	858
27	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				33	891
28	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				33	924
29	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				26	754
30	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				21	630
31	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				14	434
32	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				13	416
33	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				7	221
34	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				3	102
35	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓																				3	105
36																						
37																						
38	✓																				1	38
39																						
40																						
41																						
42																						
43																						
44																						
45																						
46																						
47																						
48																						
49																						
50																						
51																						
52																						
53																						

TOTAL 395 9917
AVERAGE 25.11

RADAR SPEED CHECK

LOCATION: ALBERTA TERRACE AT _____

DATE: 11/15/0 TIME: 3:35 PM - 4:35 PM WEATHER: Good

CONDITION OF ROAD: Good RECORDER: John Connors

PH																					QUAN	PRODUCT
10																						
11																						
12																						
13																						
14																						
15	✓	✓	✓	✓	✓																5	75
16	✓																				1	16
17	✓	✓	✓																		3	51
18	✓	✓	✓																		3	54
19	✓																				1	19
20	✓																				1	20
21																						
22	✓	✓	✓	✓																	4	88
23																						
24	✓																				1	24
25																						
26	✓																				1	26
27																						
28																						
29																						
30																						
31																						
32																						
33																						
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47																						
48																						
49																						
50																						
51																						
52																						
53																						

TOTAL 20 373
AVERAGE 18.65

85 PERCENTILE SPEED = 22

RADAR SPEED CHECK

LOCATION: COAL AT DUPRE NORTH ROAD

DATE: 1-31-91 TIME: 1 40^{PM} 2 40

WEATHER: Good

CONDITION OF ROAD: Good

RECORDER: J. CONNARTON

																								QUAN	PRODUCT
10																									
11																									
12																									
13																									
14																									
15																									
16	✓																							1	16
17	✓	✓	✓	✓																				4	68
18																									
19	✓	✓	✓	✓	✓	✓	✓	✓																7	133
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										9	180
21	✓	✓	✓	✓	✓	✓	✓	✓																7	147
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						15	330
23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					15	345
24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										11	264
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					15	375
26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					14	364
27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										13	351
28	✓	✓	✓	✓	✓	✓	✓	✓	✓															8	224
29	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					12	348
30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					12	360
31	✓	✓	✓	✓	✓	✓																		5	155
32	✓	✓	✓	✓	✓	✓	✓	✓																8	256
33	✓	✓	✓	✓																				4	132
34	✓	✓	✓	✓																				4	136
35	✓	✓	✓																					3	105
36																									
37																									
38																									
39																									
40																									
41																									
42	✓																							1	42
43																									
44																									
45																									
46																									
47																									
48																									
49																									
50																									
51																									
53																									

85 PERCENTILE SPEED = 30

TOTAL 168 4351
 AVERAGE 25.78

85 PERCENTILE SPEED CHECK

LOCATION: 101st St AT Dodge South Bound
 DATE: 7/3/91 TIME: 2:40 to 3:40 WEATHER: Good
 CONDITION OF ROAD: G000 RECORDER: J. Conranton

Row	Product	Quantity
10		
11		
12		
13		
14		
15		
16		
17	✓✓	2 34
18	✓✓✓	3 54
19	✓✓✓✓	4 76
20	✓✓✓✓	4 80
21	✓✓	2 42
22	✓✓✓✓✓✓✓✓	9 148
23	✓✓✓✓✓	5 115
24	✓✓✓✓✓✓✓✓✓✓	12 288
25	✓✓✓✓✓✓✓✓✓✓✓✓	14 350
26	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓	18 468
27	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓	22 594
28	✓✓✓✓✓✓✓✓✓✓✓✓✓✓	13 364
29	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓	12 348
30	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓	14 420
31	✓✓✓✓✓✓✓✓✓✓✓✓✓✓	12 372
32	✓✓✓✓✓✓✓✓	6 192
33	✓✓✓✓✓	4 132
34	✓✓✓✓✓	5 170
35	✓✓	2 70
36	✓✓	2 72
37	✓✓	2 74
38		
39	✓	1 39
40	✓✓	2 80
41		
42		
43		
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51		
52		
53		

85 PERCENTILE SPEED = 31 TOTAL 170 4462 AVERAGE 26.25



15

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 25, 1991

To The Honorable, The City Council:

In response to Awaiting Report Item No. 6, regarding an accident and speed study in the North Cambridge area, please find attached a report from George Teso, Director of Traffic & Parking, concerning this matter.

Very truly yours,

Robert W. Healy
City Manager

RWH/mev
attachment

CONSENT Agenda # 15 S-295

Awaiting Report Item Number Six regarding
an accident and speed study in the North
Cambridge area.

In City Council,

February 25, 1991

Placed on file