

City of Newton
Department of Public Works
Transportation Division

54 Brooks Ave
(Washington St to Proctor St)

1000 Commonwealth Avenue
Newton, MA 02459

Start Date: 4/24/2024
End Date: 4/25/2024
Latitude: 0.000000
Longitude: 0.000000

Direction: North, Lane 1

4/24/2024	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70 -	> 75 -	> 80 -	> 85	Total
Time	0 - 20	25	30	35	40	45	50	55	60	65	70	75	80	85	
MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
6:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
8:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
10:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12:00 PM	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
1:00	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
2:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
3:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
4:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
5:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
6:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
8:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	43	8	0	0	0	0	0	0	0	0	0	0	0	0	51

Percentile 15th 50th 85th 95th
Speed 10 15 20 23
Mean Speed (Average) 12.0
10 MPH Pace Speed 1-10
Number in Pace 21
Percent in Pace 41.2%
Number > 45 MPH 0
Percent > 45 MPH 0.0%

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Time	0 - 20	25	30	35	40	45	50	55	60	65	70	75	80	85	
MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7:00	3	4	0	0	0	0	0	0	0	0	0	0	0	0	7
8:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10:00	5	2	0	0	0	0	0	0	0	0	0	0	0	0	7
11:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
12:00 PM	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
3:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
6:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
7:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
8:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	44	12	0	0	0	0	0	0	0	0	0	0	0	0	56

Percentile 15th 50th 85th 95th
Speed 8 16 21 23
Mean Speed (Average) 12.7
10 MPH Pace Speed 13-22
Number in Pace 23
Percent in Pace 41.1%
Number > 45 MPH 0
Percent > 45 MPH 0.0%

Grand Total	87	20	0	0	0	0	0	0	0	0	0	0	0	0	107
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Stats Percentile 15th 50th 85th 95th
Speed 10 15 21 23
Mean Speed (Average) 12.3
10 MPH Pace Speed 1-10
Number in Pace 43
Percent in Pace 40.2%
Number > 45 MPH 0
Percent > 45 MPH 0.0%

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Start Date: 4/24/2024
End Date: 4/25/2024
Latitude: 0.000000
Longitude: 0.000000

Direction: South, Lane 2

4/24/2024	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70 -	> 75 -	> 80 -	> 85	Total
Time	0 - 20	25	30	35	40	45	50	55	60	65	70	75	80	85	MPH
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
10:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
3:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
4:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	22	3	0	0	0	0	0	0	0	0	0	0	0	0	25

Percentile 15th 50th 85th 95th
Speed 11 16 20 21
Mean Speed (Average) 11.5
10 MPH Pace Speed 1-10
Number in Pace 11
Percent in Pace 44.0%
Number > 45 MPH 0
Percent > 45 MPH 0.0%

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4/25/2024	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70 -	> 75 -	> 80 -	> 85	Total
Time	0 - 20	25	30	35	40	45	50	55	60	65	70	75	80	85	MPH
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9:00	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
10:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12:00 PM	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
1:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
2:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
3:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
7:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	34	6	0	0	0	0	0	0	0	0	0	0	0	0	40
Percentile															
Speed															
Mean Speed (Average)															
10 MPH Pace Speed															
Number in Pace															
Percent in Pace															
Number > 45 MPH															
Percent > 45 MPH															
Grand Total	56	9	0	0	0	0	0	0	0	0	0	0	0	0	65
Stats															
Percentile															
Speed															
Mean Speed (Average)															
10 MPH Pace Speed															
Number in Pace															
Percent in Pace															
Number > 45 MPH															
Percent > 45 MPH															

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Direction: Combined

4/24/2024	> 20 -	> 25 -	> 30 -	> 35 -	> 40 -	> 45 -	> 50 -	> 55 -	> 60 -	> 65 -	> 70 -	> 75 -	> 80 -	> 85	Total
Time	0 - 20	25	30	35	40	45	50	55	60	65	70	75	80	85	
MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
6:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
7:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	5
8:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
9:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
10:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12:00 PM	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
1:00	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
2:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
3:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
4:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
5:00	6	1	0	0	0	0	0	0	0	0	0	0	0	0	7
6:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
7:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
8:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	65	11	0	0	0	0	0	0	0	0	0	0	0	0	76

Percentile 15th 50th 85th 95th
Speed 11 15 20 22
Mean Speed (Average) 11.8
10 MPH Pace Speed 1-10
Number in Pace 32
Percent in Pace 42.1%
Number > 45 MPH 0
Percent > 45 MPH 0.0%

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Direction: Combined

4/25/2024	0 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 - 75	> 75 - 80	> 80 - 85	> 85	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
7:00	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	8
8:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9:00	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
10:00	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	8
11:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
12:00 PM	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
1:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2:00	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
3:00	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
4:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
5:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
6:00	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7
7:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	78	18	0	0	0	0	0	0	0	0	0	0	0	0	0	96

Percentile	15th	50th	85th	95th
Speed	8	15	20	23
Mean Speed (Average)	12.4			
10 MPH Pace Speed	1-10			
Number in Pace	39			
Percent in Pace	40.6%			
Number > 45 MPH	0			
Percent > 45 MPH	0.0%			

Grand Total	143	29	0	0	0	0	0	0	0	0	0	0	0	0	0	172
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Stats	Percentile	15th	50th	85th	95th
Speed	10	15	20	22	
Mean Speed (Average)	12.1				
10 MPH Pace Speed	1-10				
Number in Pace	71				
Percent in Pace	41.3%				
Number > 45 MPH	0				
Percent > 45 MPH	0.0%				