

**Appendix C**  
**Traffic Safety Data**





SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY		<b>FIGURE 1</b> <b>Collision Diagram:</b> <b>North Street from Liberty Hill Avenue to School Street</b> <b>Crash Reports 2019-24</b>
	Moving Vehicle		#	Property Damage Only Crash Index Number	
	Backing Vehicle		Ⓢ	Injury Crash Index Number	<b>BOSTON REGION MPO</b>  <i>Route 114 Corridor Study Salem, Massachusetts</i>
	Non-Involved Vehicle		Ⓢ	Fatal Crash Index Number	
	Pedestrian		#	Dark condition Crash Index Number	
	Parked Vehicle				
	Fixed Object				
	Bicycle				
	Animal				



# Collision Diagram

## North Street from Liberty Hill Avenue to School Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
1	4649970	01/12/2019	Property damage only	No injury	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
2	4651130	01/14/2019	Non-fatal injury	Non-fatal injury - Possible	Rear-end	Daylight	Clear/Clear	Dry
3	4665031	02/16/2019	Property damage only	No injury	Rear-end	Daylight	Clear/Reported bu	Dry
4	4674727	03/11/2019	Property damage only	No injury	Angle	Daylight	Other/Other	Ice
5	4687856	04/05/2019	Property damage only	No injury	Angle	Daylight	Clear/Clear	Dry
6	4686078	04/07/2019	Property damage only	No injury	Rear-end	Daylight	Clear/Clear	Dry
7	4689569	04/16/2019	Unknown	Non-fatal injury - Possible	Angle	Dark - lighted roadway	Clear/Clear	Dry
8	4692145	04/22/2019	Property damage only	No injury	Rear-end	Dark - lighted roadway	Rain/Rain	Wet
9	4695218	04/29/2019	Property damage only	No injury	Angle	Daylight	Clear/Clear	Dry
10	4714106	06/18/2019	Property damage only	No injury	Rear-end	Dusk	Clear/Clear	Dry
11	4726173	07/01/2019	Property damage only	No injury	Rear-end	Daylight	Clear/Clear	
12	4722626	07/10/2019	Property damage only	No injury	Rear-end	Daylight	Clear/Clear	Dry
13	4723981	07/15/2019	Property damage only	No injury	Angle	Daylight	Clear/Clear	
14	4729546	07/27/2019	Property damage only	No injury	Angle	Dark - lighted roadway	Clear/Clear	
15	4730064	07/29/2019	Property damage only	No injury	Angle	Daylight	Clear/Clear	
16	4746346	09/03/2019	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
17	4752535	09/23/2019	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
18	4754677	09/29/2019	Property damage only	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
19	4762549	10/15/2019	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Cloudy/Clear	Dry
20	4768657	10/31/2019	Property damage only	No Apparent Injury (O)	Angle	Daylight	Rain/Rain	Wet
21	4781446	11/29/2019	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
22	4787997	12/13/2019	Property damage only	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Rain/Rain	Wet
23	4820013	02/23/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
24	4820655	02/24/2020	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Clear/Clear	Dry
25	4844798	05/12/2020	Non-fatal injury	Possible Injury (C)	Rear-end	Daylight	Clear/Clear	Dry
26	4848893	06/03/2020	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
27	4862424	07/24/2020	Unknown	Unknown	Front to Rear	Daylight	Clear/Clear	Dry
28	4864441	07/29/2020	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
29	4869919	08/13/2020	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
30	4887527	10/18/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry

# Collision Diagram

## North Street from Liberty Hill Avenue to School Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
31	4889604	10/24/2020	Non-fatal injury	Possible Injury (C)	Angle	Dark - lighted roadway	Clear/Clear	Dry
32	4889606	10/25/2020	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
33	4907292	12/11/2020	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
34	4907873	12/13/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Cloudy/Clear	Dry
35	4910455	12/20/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Rain/Rain	Wet
36	4928168	02/07/2021	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Snow/Snow	Snow
37	4936023	02/25/2021	Property damage only	No Apparent Injury (O)	Sideswipe, or	Dark - lighted roadway	Clear/Clear	Dry
38	4823012	02/27/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Rain/Rain	Wet
39	4940900	03/15/2021	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
40	4942334	03/19/2021	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear	Dry
41	4946869	03/26/2021	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
42	4945377	03/27/2021	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
43	4959307	05/10/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
44	4964261	05/18/2021	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
45	4963707	05/20/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
46	5055756	08/15/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
47	5068366	10/30/2021	Property damage only	No Apparent Injury (O)	Sideswipe, sa	Dark - lighted roadway	Rain/Rain	Wet
48	5068348	10/31/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Wet
49	5068453	12/20/2021	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear	Dry
50	5068576	01/10/2022	Property damage only	No Apparent Injury (O)	Rear-end	Dawn	Clear/Clear	Dry
51	5068786	01/14/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
52	5068588	01/20/2022	Non-fatal injury	Possible Injury (C)	Angle	Dark - lighted roadway	Clear/Clear	Dry
53	5068385	01/23/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
54	5072645	02/21/2022	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
55	5086161	03/29/2022	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
56	5090046	04/06/2022	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Rain/Rain	Wet
57	5113311	06/10/2022	Property damage only	No Apparent Injury (O)	Sideswipe, sa	Daylight	Clear/Clear	Dry
58	5130350	06/18/2022	Property damage only	No Apparent Injury (O)	Sideswipe, sa	Daylight	Clear	Dry
59	5142569	08/25/2022	Non-fatal injury	Possible Injury (C)	Front to Front	Daylight	Clear/Clear	Dry
60	5156752	09/27/2022	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry



















# Collision Diagram

## North Street from Liberty Hill Avenue to School Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
61	5156113	09/29/2022	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
62	5174195	11/10/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
63	5201130	01/11/2023	Non-fatal injury	Possible Injury (C)	Rear-end	Daylight	Clear/Clear	Dry
64	5249453	04/14/2023	Property damage only	Unknown	Sideswipe, s2	Daylight	Clear/Clear	Dry
65	5245605	04/21/2023	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry
66	5274802	07/12/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
67	5323916	09/21/2023	Unknown	Not reported	Sideswipe, s2	Dark - lighted roadway	Clear/Clear	Dry
68	5327378	11/28/2023	Property damage only	Unknown	Angle	Dark - lighted roadway	Clear/Clear	Dry
69	5333571	12/08/2023	Non-fatal injury	Possible Injury (C)	Rear-end	Dark - lighted roadway	Clear	Dry
70	5347819	01/12/2024	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
71	5386428	04/24/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
72	5422748	08/06/2024	Unknown	Unknown	Angle	Daylight	Clear/Clear	Dry





SYMBOLS		TYPES OF CRASH		CRASH INDEX AND SEVERITY		<div>FIGURE 2</div> <div>Collision Diagram:</div> <div>North Street from Osborne Street to Franklin Street</div> <div>Crash Reports 2019-24</div>	
	Moving Vehicle		Parked Vehicle		Head On / Front to Front		
	Backing Vehicle		Fixed Object		Angle		Injury Crash Index Number
	Non-Involved Vehicle		Bicycle		Rear End / Front to End		Fatal Crash Index Number
	Pedestrian		Animal		Sideswipe, Same Direction		Dark condition Crash Index Number
					Sideswipe, Opposite Direction		
						BOSTON REGION MPO	Route 114 Corridor Study Salem, Massachusetts



Collision Diagram  
North Street from Osborne Street to Franklin Street: Crash Reports 2019-24

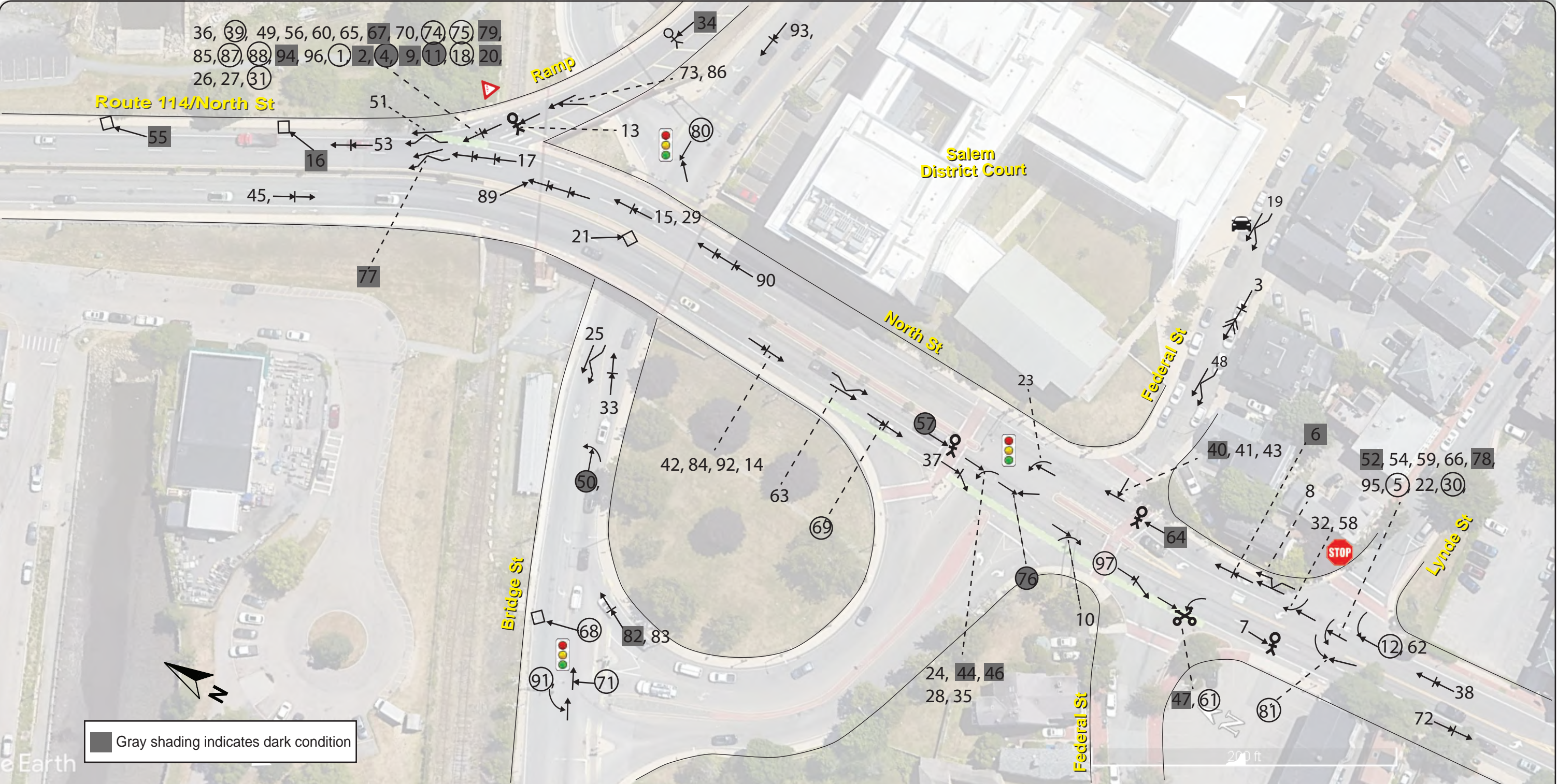
REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4657987	01/28/2019	Property damage only	No injury	Rear-end	Daylight	Clear/Clear	Dry
2	4657398	01/30/2019	Property damage only	No injury	Angle	Daylight	Clear/Clear	Dry
3	4665254	02/19/2019	Non-fatal injury	Non-fatal injury - Possible	Angle	Dark - lighted road	Clear/Clear	Dry
4	4689047	04/05/2019	Non-fatal injury	Non-fatal injury - Non-incapacitating	Rear-end	Daylight	Clear/Clear	Dry
5	4695305	04/29/2019	Property damage only	No injury	Angle	Daylight	Clear/Clear	Dry
6	4695884	05/01/2019	Property damage only	No injury	Single vehicle crash	Daylight	Clear/Clear	Dry
7	4699081	05/11/2019	Property damage only	No injury	Sideswipe, same direction	Daylight	Clear/Clear	Dry
8	4735942	08/12/2019	Property damage only	No injury	Angle	Daylight	Clear/Reported but invalid	Dry
9	4760261	10/08/2019	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
10	4772479	11/08/2019	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
11	4815717	02/10/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Dark - lighted road	Cloudy/Cloudy	Dry
12	4817811	02/12/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
13	4828557	03/13/2020	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Rain/Rain	Wet
14	4854903	07/01/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Cloudy/Cloudy	Other
15	4864114	07/18/2020	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
16	4868430	08/11/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Dark - lighted road	Clear/Clear	Dry
17	4877025	09/12/2020	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted road	Clear/Clear	Dry
18	4878727	09/15/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry
19	4885465	10/09/2020	Property damage only	No Apparent Injury (O)	Single vehicle crash	Daylight	Clear/Clear	Dry
20	4885432	10/10/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
21	4893672	10/12/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
22	4889602	10/23/2020	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Cloudy	Dry
23	4900946	11/24/2020	Non-fatal injury	Possible Injury (C)	Angle	Dark - lighted road	Clear/Clear	Dry
24	4906649	12/09/2020	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted road	Clear/Clear	Dry
25	4927750	02/05/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
26	4929148	02/10/2021	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
27	4931907	02/16/2021	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted road	Rain	Wet
28	4967401	06/01/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
29	4969864	06/04/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
30	4969865	06/04/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
31	5068379	12/14/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Dusk	Clear	Dry
32	5068362	01/20/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
33	5068424	02/01/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
34	5087975	04/02/2022	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted road	Clear/Clear	Dry
35	5096010	04/24/2022	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Dark - lighted road	Clear/Clear	Dry
36	5122446	07/06/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
37	5183816	12/05/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
38	5189900	12/17/2022	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
39	5207964	01/15/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Snow/Snow	Snow
40	5259289	05/09/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
41	5260187	05/30/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
42	5261169	06/02/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
43	5262314	06/03/2023	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
44	5270028	06/23/2023	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Clear	Dry
45	5323824	08/04/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
46	5323897	08/21/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
47	5323924	09/01/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
48	5323886	09/15/2023	Non-fatal injury	Suspected Minor Injury (B)	Unknown	Dark - lighted road	Clear/Clear	Dry
49	5323896	09/21/2023	Non-fatal injury	Suspected Minor Injury (B)	Unknown	Daylight	Clear/Clear	Dry

# Collision Diagram

## North Street from Osbourne Street to Franklin Street: Crash Reports 2019-24

CRASH								
REFERENCE ID	NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
50	5323934	10/09/2023	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Clear/Clear	Dry
51	5380276	04/05/2024	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Wet
52	5387300	04/30/2024	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear	Dry
53	5398559	05/30/2024	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Wet
54	5398583	05/31/2024	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Clear/Clear	Dry
55	5401852	06/08/2024	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
56	5412874	07/07/2024	Unknown	Unknown	Sideswipe, same direction	Dark - lighted road	Clear/Clear	Dry
57	5420612	07/10/2024	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
58	5424534	08/12/2024	Property damage only	Unknown	Front to Front	Daylight	Clear/Clear	Dry
59	5431902	08/29/2024	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
60	5434585	09/06/2024	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry





SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY		BOSTON REGION MPO	FIGURE 3 Collision Diagram: North Street from Franklin Street to Lynde Street Crash Reports 2019-24
	Moving Vehicle		Parked Vehicle	#	Property Damage Only Crash Index Number	
	Backing Vehicle		Fixed Object	(#)	Injury Crash Index Number	
	Non-Involved Vehicle		Bicycle	(#)	Fatal Crash Index Number	
	Pedestrian		Animal	#	Dark condition Crash Index Number	
			Head On / Front to Front			
			Angle			
			Rear End / Front to Rear			
			Sideswipe, Same Direction			
			Sideswipe, Opposite Direction			



# Collision Diagram

## North Street from Franklin Street to Lynde Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4651489	01/16/2019	Non-fatal injury	Non-fatal injury - Possible	Rear-end	Daylight	Clear/Clear	Dry
2	4651491	01/16/2019	Property damage only	No injury	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
3	4670839	02/27/2019	Property damage only	No injury	Rear-end	Daylight	Clear/Clear	Dry
4	4676484	03/17/2019	Non-fatal injury	Non-fatal injury - Possible	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
5	4678793	03/21/2019	Non-fatal injury	Non-fatal injury - Possible	Angle	Daylight	Clear/Clear	Dry
6	4687857	04/10/2019	Property damage only	No injury	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
7	4688946	04/12/2019	Property damage only	No injury	Single vehicle crash	Daylight	Cloudy/Cloudy	Dry
8	4692640	04/23/2019	Property damage only	No injury	Sideswipe, same direction	Daylight	Rain/Cloudy	Wet
9	4707499	05/30/2019	Property damage only	No injury	Rear-end	Dawn	Clear/Clear	Dry
10	4711930	06/11/2019	Property damage only	No injury	Angle	Daylight	Rain/Cloudy	Wet
11	4720683	07/06/2019	Non-fatal injury	No injury	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
12	4744015	09/02/2019	Non-fatal injury	Possible Injury (C)	Front to Front	Daylight	Clear/Clear	Dry
13	4762000	10/17/2019	Property damage only	No Apparent Injury (O)	Single vehicle crash	Daylight	Clear/Clear	Dry
14	4763242	10/20/2019	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
15	4767041	10/28/2019	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Cloudy/Cloudy	Wet
16	4781449	12/02/2019	Property damage only	No Apparent Injury (O)	Single vehicle crash	Dark - lighted roadway	Snow/Snow	Snow
17	4787995	12/13/2019	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Cloudy/Cloudy	Dry
18	4799166	01/07/2020	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
19	4805385	01/07/2020	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
20	4800734	01/10/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
21	4811245	01/24/2020	Unknown	Unknown	Head-on	Daylight	Clear/Clear	Dry
22	4816176	02/11/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Cloudy/Rain	Water (standing, moving)
23	4822410	02/27/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Rain/Rain	Wet
24	4827885	03/11/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
25	4847141	05/28/2020	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
26	4848895	06/09/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
27	4850750	06/11/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
28	4851729	06/19/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
29	4874119	08/31/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
30	4876674	09/07/2020	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
31	4879345	09/13/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry
32	4887523	10/16/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Cloudy/Cloudy	Wet
33	4890458	10/21/2020	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Cloudy/Rain	Wet
34	4891714	10/31/2020	Property damage only	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Cloudy/Cloudy	Slush
35	4906784	12/10/2020	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
36	4916922	01/06/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
37	4929147	02/09/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Snow/Snow	Slush
38	4939349	03/10/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
39	4951376	04/17/2021	Non-fatal injury	Possible Injury (C)	Rear-end	Daylight	Cloudy/Cloudy	Dry
40	4961048	05/13/2021	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
41	4964265	05/24/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
42	4971153	06/14/2021	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
43	5055893	06/26/2021	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
44	5066236	10/05/2021	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
45	5066564	10/10/2021	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
46	5068485	11/26/2021	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Snow	Wet
47	5068598	11/26/2021	Property damage only	No Apparent Injury (O)	Single vehicle crash	Dark - lighted roadway	Rain/Rain	Wet
48	5068417	12/16/2021	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry



# Collision Diagram

## North Street from Franklin Street to Lynde Street: Crash Reports 2019-24

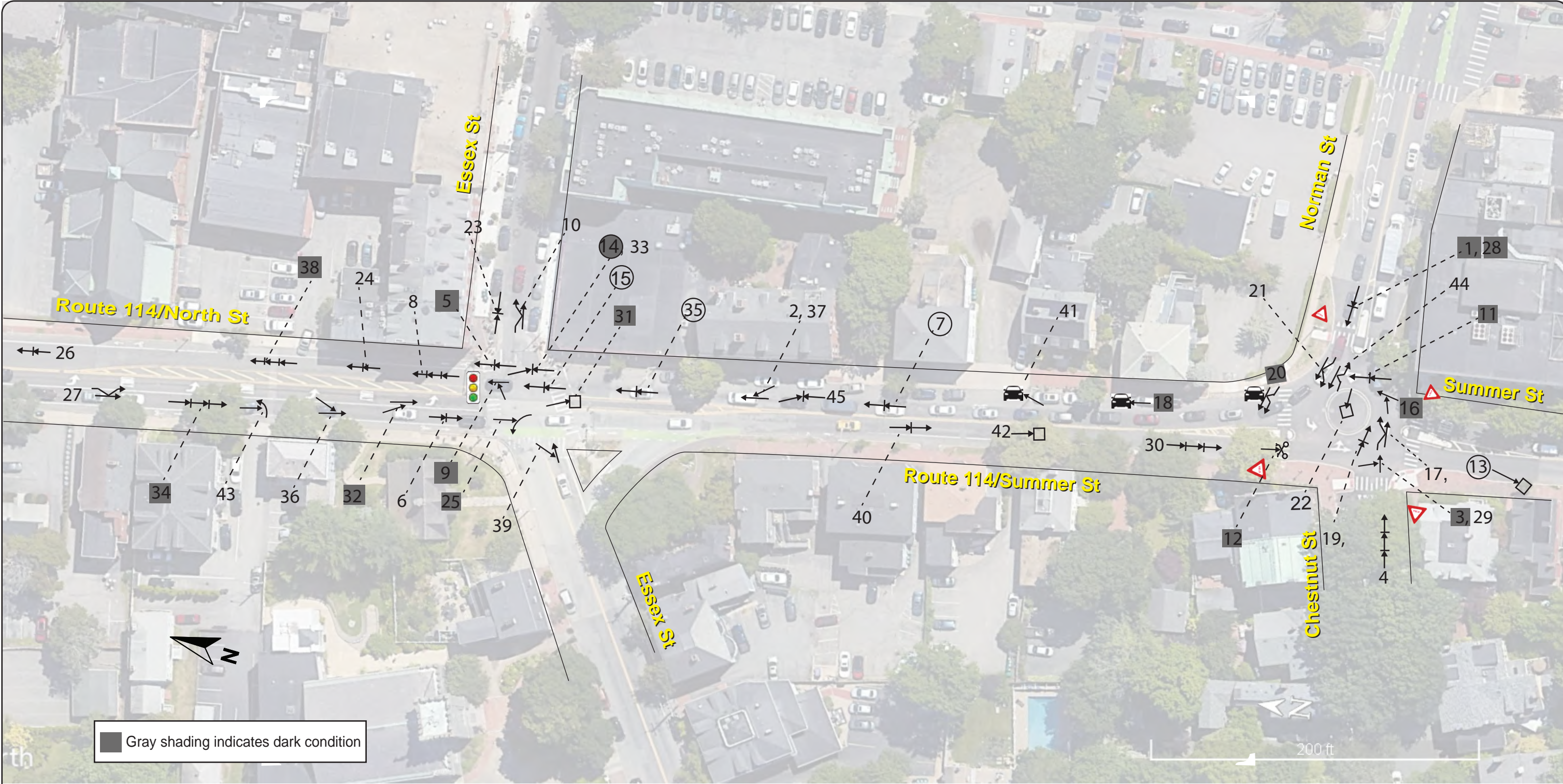
REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
49	5068483	12/18/2021	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
50	5068438	12/20/2021	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Clear/Clear	Dry
51	5068622	12/25/2021	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Rain/Sleet, hail (freezing)	Ice
52	5068255	01/13/2022	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
53	5068488	01/13/2022	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear	Dry
54	5074241	02/23/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
55	5080323	03/10/2022	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Ice
56	5087070	03/31/2022	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
57	5092040	04/12/2022	Non-fatal injury	Deceased not caused by crash	Head-on	Dark - lighted roadway	Clear/Clear	Dry
58	5104808	05/13/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear	Dry
59	5103899	05/17/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
60	5120324	06/24/2022	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear	Dry
61	5129510	07/21/2022	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
62	5145642	09/02/2022	Property damage only	No Apparent Injury (O)	Front to Front	Daylight	Clear/Clear	Dry
63	5148935	09/12/2022	Property damage only	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
64	5170404	10/31/2022	Unknown	Not reported	Unknown	Dark - lighted roadway	Clear/Clear	Dry
65	5184247	12/05/2022	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
66	5188156	12/13/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
67	5189899	12/17/2022	Unknown	Unknown	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
68	5193172	12/23/2022	Non-fatal injury	Possible Injury (C)	Head-on	Daylight	Rain/Rain	Water (standing, moving)
69	5227108	02/21/2023	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Cloudy/Cloudy	Dry
70	5227107	02/22/2023	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
71	5250889	05/05/2023	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Rain	Wet
72	5251362	05/08/2023	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
73	5264077	06/10/2023	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
74	5275255	07/07/2023	Non-fatal injury	Possible Injury (C)	Rear-end	Daylight	Clear/Clear	Dry
75	5280632	07/27/2023	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry
76	5323986	09/30/2023	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Dark - lighted roadway	Rain/Rain	Wet
77	5323971	10/29/2023	Unknown	Unknown	Sideswipe, same direction	Dark - lighted roadway	Rain/Rain	Wet
78	5323991	11/09/2023	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Rain	Wet
79	5325781	11/21/2023	Property damage only	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear	Dry
80	5325415	11/22/2023	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Daylight	Rain/Rain	Wet
81	5345042	12/27/2023	Non-fatal injury	Possible Injury (C)	Front to Front	Daylight	Clear/Clear	Dry
82	5350772	01/12/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
83	5348430	01/14/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Cloudy/Clear	Dry
84	5351626	01/18/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
85	5360144	02/06/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
86	5367008	02/16/2024	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
87	5375630	03/27/2024	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Rain/Rain	Wet
88	5376371	03/30/2024	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry
89	5378267	04/03/2024	Unknown	Unknown	Head-on	Daylight	Rain/Rain	Wet
90	5387704	05/02/2024	Unknown	Unknown	Rear-end	Daylight	Clear/Clear	Dry
91	5409526	07/01/2024	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
92	5414446	07/12/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
93	5415928	07/17/2024	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear	Dry
94	5421024	07/31/2024	Unknown	Unknown	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
95	5421023	08/01/2024	Property damage only	Unknown	Angle	Daylight	Clear/Clear	Dry
96	5424532	08/12/2024	Unknown	Unknown	Front to Rear	Daylight	Clear/Clear	Dry

Collision Diagram

North Street from Franklin Street to Lynde Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
97	5429849	08/27/2024	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry





SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY		<b>FIGURE 4</b> <b>Collision Diagram:</b> <b>North Street from Essex Street to Norman Street</b> <b>Crash Reports 2019-24</b>	
	Moving Vehicle		#	Property Damage Only Crash Index Number		
	Backing Vehicle		(#)	Injury Crash Index Number	BOSTON REGION MPO	
	Non-Involved Vehicle		#	Fatal Crash Index Number		
	Pedestrian		#	Dark condition Crash Index Number		
	Parked Vehicle				Route 114 Corridor Study Salem, Massachusetts	
	Fixed Object					
	Bicycle					
	Animal					



# Collision Diagram

## North Street from Essex Street to Norman Street: Crash Reports 2019-24

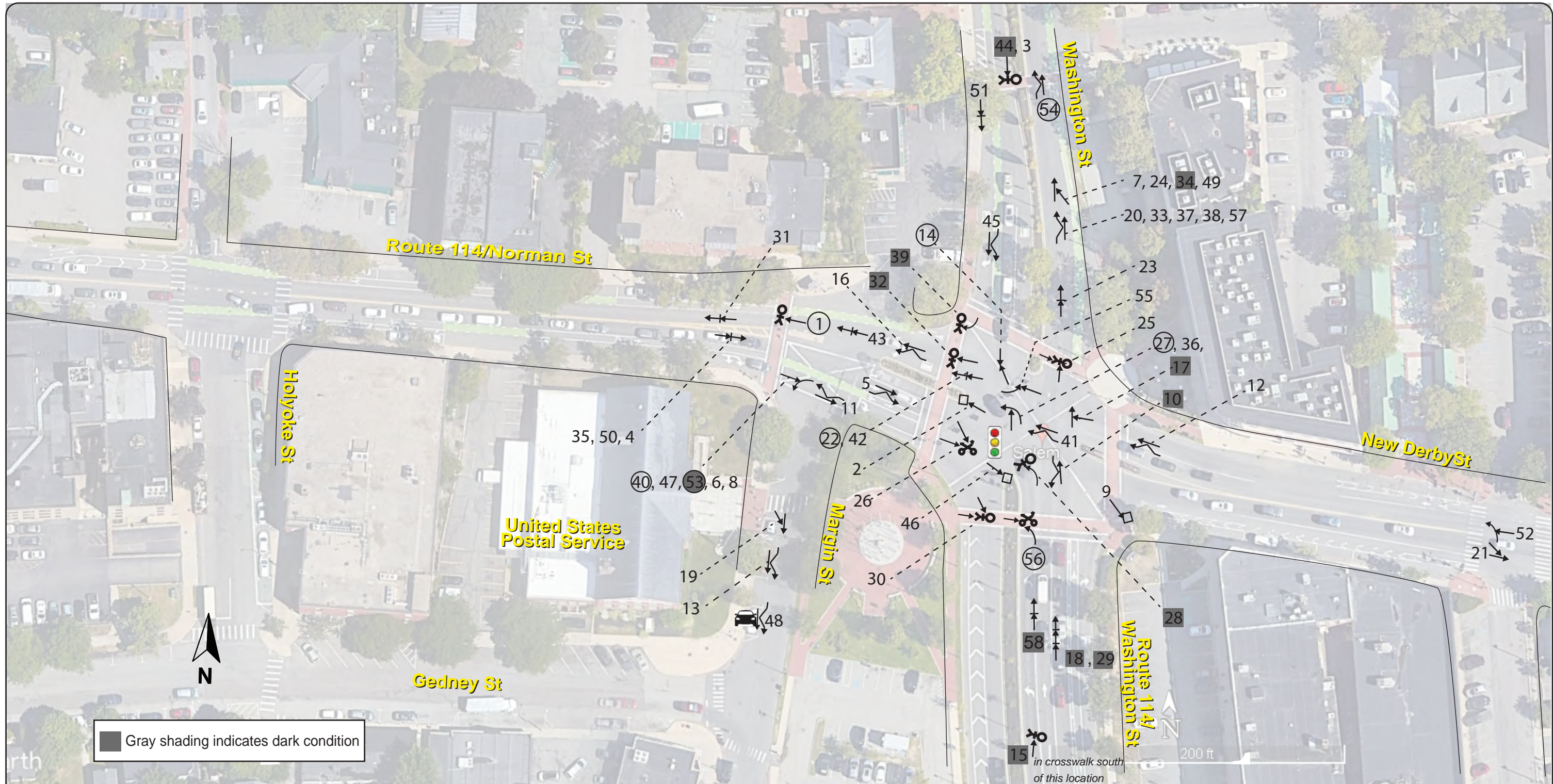
REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4661808	02/03/2019	Property damage only ( No injury		Rear-end	Dusk	Clear/Clear	Dry
2	4673936	03/08/2019	Property damage only ( No injury		Angle	Daylight	Clear/Clear	Dry
3	4694096	04/27/2019	Property damage only ( No injury		Angle	Dark - lighted roadway	Clear/Clear	Dry
4	4702718	05/20/2019	Property damage only ( No injury		Rear-end	Daylight	Clear/Clear	Dry
5	4723636	07/12/2019	Property damage only ( No injury		Front to Rear	Dark - lighted roadway	Clear/Clear	
6	4731141	07/31/2019	Property damage only ( No injury		Rear-end	Daylight	Clear/Clear	
7	4735334	08/10/2019	Non-fatal injury	Non-fatal injury - Possible	Rear-end	Daylight	Clear/Clear	Dry
8	4748986	09/13/2019	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
9	4761996	10/16/2019	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
10	4764326	10/17/2019	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
11	4765282	10/22/2019	Property damage only ( No Apparent Injury (O)		Front to Rear	Dusk	Rain/Rain	Wet
12	4790909	12/19/2019	Property damage only ( No Apparent Injury (O)		Head-on	Dark - lighted roadway	Clear/Clear	Dry
13	4808326	12/24/2019	Non-fatal injury	Suspected Minor Injury (B)	Head-on	Daylight	Clear/Clear	Dry
14	4804531	01/13/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Dark - lighted roadway	Clear/Clear	Dry
15	4805390	01/18/2020	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
16	4927755	02/07/2021	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Snow/Snow	Snow
17	4930462	02/13/2021	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
18	4936024	02/28/2021	Property damage only ( No Apparent Injury (O)		Rear-end	Dark - lighted roadway	Clear/Clear	Dry
19	4962094	05/18/2021	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
20	4963712	05/22/2021	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
21	5055808	08/04/2021	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Cloudy/Cloudy	Dry
22	5068418	09/08/2021	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Clear	Dry
23	5068384	10/15/2021	Property damage only ( No Apparent Injury (O)		Front to Front	Daylight	Clear/Clear	Dry
24	5068619	10/19/2021	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
25	5068575	11/06/2021	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
26	5068639	11/20/2021	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
27	5068504	12/04/2021	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
28	5068490	01/05/2022	Property damage only ( No Apparent Injury (O)		Rear-end	Dawn	Cloudy/Sleet, hail	Wet
29	5068249	01/31/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Snow
30	5069463	02/11/2022	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
31	5071777	02/16/2022	Property damage only ( No Apparent Injury (O)		Head-on	Dark - lighted roadway	Clear/Clear	Dry
32	5086780	03/30/2022	Property damage only ( No Apparent Injury (O)		Angle	Dusk	Clear/Clear	Dry
33	5093390	04/08/2022	Property damage only ( No Apparent Injury (O)		Front to Front	Daylight	Clear/Clear	Dry
34	5116290	06/12/2022	Property damage only ( No Apparent Injury (O)		Front to Rear	Dark - lighted roadway	Clear	Dry
35	5124145	07/05/2022	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
36	5129512	07/21/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
37	5134854	08/08/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear	Dry
38	5160312	10/06/2022	Unknown	Unknown	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
39	5172744	11/07/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
40	5185600	12/07/2022	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Rain/Cloudy	Wet
41	5261194	05/23/2023	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
42	5323944	10/22/2023	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Unknown	Unknown/Unknown	Unknown

# Collision Diagram

## North Street from Essex Street to Norman Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
43	5367024	02/22/2024	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
44	5410340	06/28/2024	Property damage only ( No Apparent Injury (O)		Sideswipe, opposite direction	Daylight	Clear/Clear	Dry
45	5414554	07/13/2024	Property damage only ( No Apparent Injury (O)		Front to Front	Daylight	Clear	Dry





**FIGURE 5**  
**Collision Diagram:**  
**Norman Street from Holyoke Street to Washington Street**  
**Crash Reports 2019-24**

BOSTON  
 REGION  
 MPO

*Route 114 Corridor Study  
 Salem, Massachusetts*

SYMBOLS		TYPES OF CRASH		CRASH INDEX AND SEVERITY	
	Moving Vehicle		Head On / Front to Front	#	Property Damage Only Crash Index Number
	Backing Vehicle		Angle	Ⓢ	Injury Crash Index Number
	Non-Involved Vehicle		Rear End / Front to Rear	Ⓢ	Fatal Crash Index Number
	Pedestrian		Sideswipe, Same Direction	#	Dark condition Crash Index Number
	Parked Vehicle		Sideswipe, Opposite Direction		
	Fixed Object				
	Bicycle				
	Animal				



Collision Diagram  
Norman Street from Holyoke Street to Washington Street: Crash Reports 2019-24

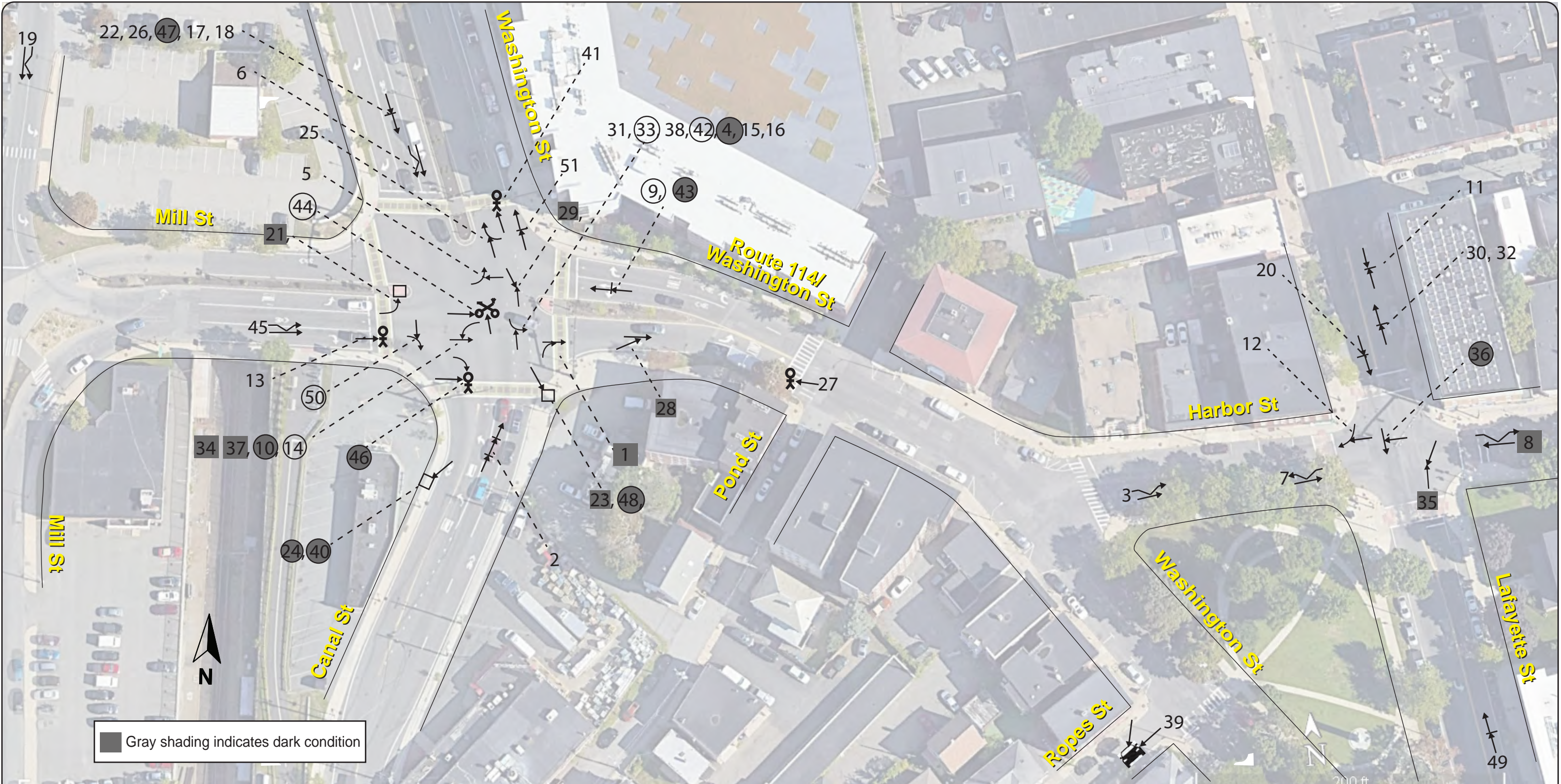
REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
1	4646447	01/04/2019	Non-fatal injury	Non-fatal injury - Non-incapacitating	Head-on	Daylight	Clear/Clear	Dry
2	4679189	03/22/2019	Property damage only ( No injury		Head-on	Daylight	Rain/Cloudy	Wet
3	4689200	04/11/2019	Property damage only ( No injury		Head-on	Daylight	Clear/Clear	Dry
4	4694093	04/27/2019	Property damage only ( No injury		Rear-end	Daylight	Cloudy/Clear	Dry
5	4701496	05/15/2019	Property damage only ( No injury		Sideswipe, same direction	Daylight	Clear/Reported but invalid	Dry
6	4713922	06/18/2019	Property damage only ( No injury		Angle	Daylight	Rain/Rain	Wet
7	4731137	07/30/2019	Property damage only ( No injury		Angle	Daylight	Clear/Clear	
8	4731138	07/31/2019	Property damage only ( No injury		Angle	Daylight	Clear/Clear	
9	4769174	11/01/2019	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Clear	Dry
10	4797347	01/02/2020	Property damage only ( No Apparent Injury (O)		Sideswipe, opposite direction	Dark - lighted roadway	Clear/Clear	Dry
11	4804034	01/12/2020	Property damage only ( No Apparent Injury (O)		Sideswipe, opposite direction	Daylight	Clear/Clear	Dry
12	4824194	03/01/2020	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
13	4832788	03/27/2020	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
14	4842642	05/13/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Daylight	Clear/Clear	Dry
15	4889979	10/26/2020	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Dark - lighted roadway	Rain/Rain	Wet
16	4904302	12/04/2020	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Cloudy	Dry
17	4938521	03/04/2021	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
18	4947701	04/02/2021	Property damage only ( No Apparent Injury (O)		Rear-end	Dark - lighted roadway	Clear/Clear	Dry
19	4948966	04/06/2021	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
20	4954288	04/07/2021	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
21	4956529	05/01/2021	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
22	4975059	06/24/2021	Non-fatal injury	Suspected Minor Injury (B)	Front to Rear	Daylight	Clear/Clear	Dry
23	5055739	06/24/2021	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
24	5055743	08/26/2021	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
25	5055759	09/03/2021	Property damage only ( No Apparent Injury (O)		Front to Front	Daylight	Clear/Clear	Dry
26	5060215	09/27/2021	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
27	5066565	10/07/2021	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
28	5068463	10/29/2021	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Dark - lighted roadway	Clear/Clear	Dry
29	5068775	01/08/2022	Property damage only ( No Apparent Injury (O)		Rear-end	Dark - lighted roadway	Clear	Dry
30	5068427	02/03/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Wet
31	5068370	02/05/2022	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Sleet, hail (freezing rain or	Slush
32	5077673	03/05/2022	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Dark - lighted roadway	Clear/Clear	Dry
33	5083222	03/21/2022	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
34	5098089	04/09/2022	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear	Dry

## Collision Diagram

## Norman Street from Holyoke Street to Washington Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
35	5095681	04/23/2022	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
36	5114411	06/13/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
37	5119118	06/27/2022	Unknown	Unknown	Sideswipe, same direction	Daylight	Rain/Rain	Wet
38	5136517	07/28/2022	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
39	5143649	08/23/2022	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Dawn	Clear/Cloudy	Dry
40	5142249	08/24/2022	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
41	5143926	08/28/2022	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
42	5146341	09/06/2022	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Rain/Rain	Water (standing, movir
43	5178193	11/17/2022	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
44	5180351	11/27/2022	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Dark - roadway not lighte	Rain/Rain	Wet
45	5184246	12/06/2022	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Cloudy/Clear	Dry
46	5227748	02/27/2023	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Clear	Dry
47	5258574	05/26/2023	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
48	5260179	05/31/2023	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
49	5323850	08/02/2023	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
50	5323822	08/03/2023	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
51	5323894	08/29/2023	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear	Dry
52	5323931	10/04/2023	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
53	5325377	11/12/2023	Non-fatal injury	Possible Injury (C)	Angle	Dark - lighted roadway	Clear/Clear	Dry
54	5387207	04/30/2024	Non-fatal injury	Possible Injury (C)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
55	5393423	05/18/2024	Property damage only ( No Apparent Injury (O)		Front to Front	Daylight	Rain/Rain	Wet
56	5397681	05/29/2024	Non-fatal injury	Suspected Serious Injury (A)	Angle	Daylight	Clear/Clear	Dry
57	5415469	06/14/2024	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
58	5426517	08/18/2024	Property damage only ( No Apparent Injury (O)		Front to Rear	Dark - lighted roadway	Fog, smog, smoke/Cloudy	Dry





Gray shading indicates dark condition

SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY		<b>FIGURE 6</b> <b>Collision Diagram:</b> <b>Washington Street from Mill Street to Lafayette Street</b> <b>Crash Reports 2019-24</b>	
	Moving Vehicle		#	Property Damage Only Crash Index Number		
	Backing Vehicle		#	Injury Crash Index Number	<b>BOSTON</b> <b>REGION</b> <b>MPO</b>	
	Non-Involved Vehicle		#	Fatal Crash Index Number		
	Pedestrian		#	Dark condition Crash Index Number		
	Parked Vehicle				<i>Route 114 Corridor Study</i> <i>Salem, Massachusetts</i>	
	Fixed Object					
	Bicycle					
	Animal					



# Collision Diagram

## Washington Street from Mill Street to Lafayette Street: Crash Reports 2019-24

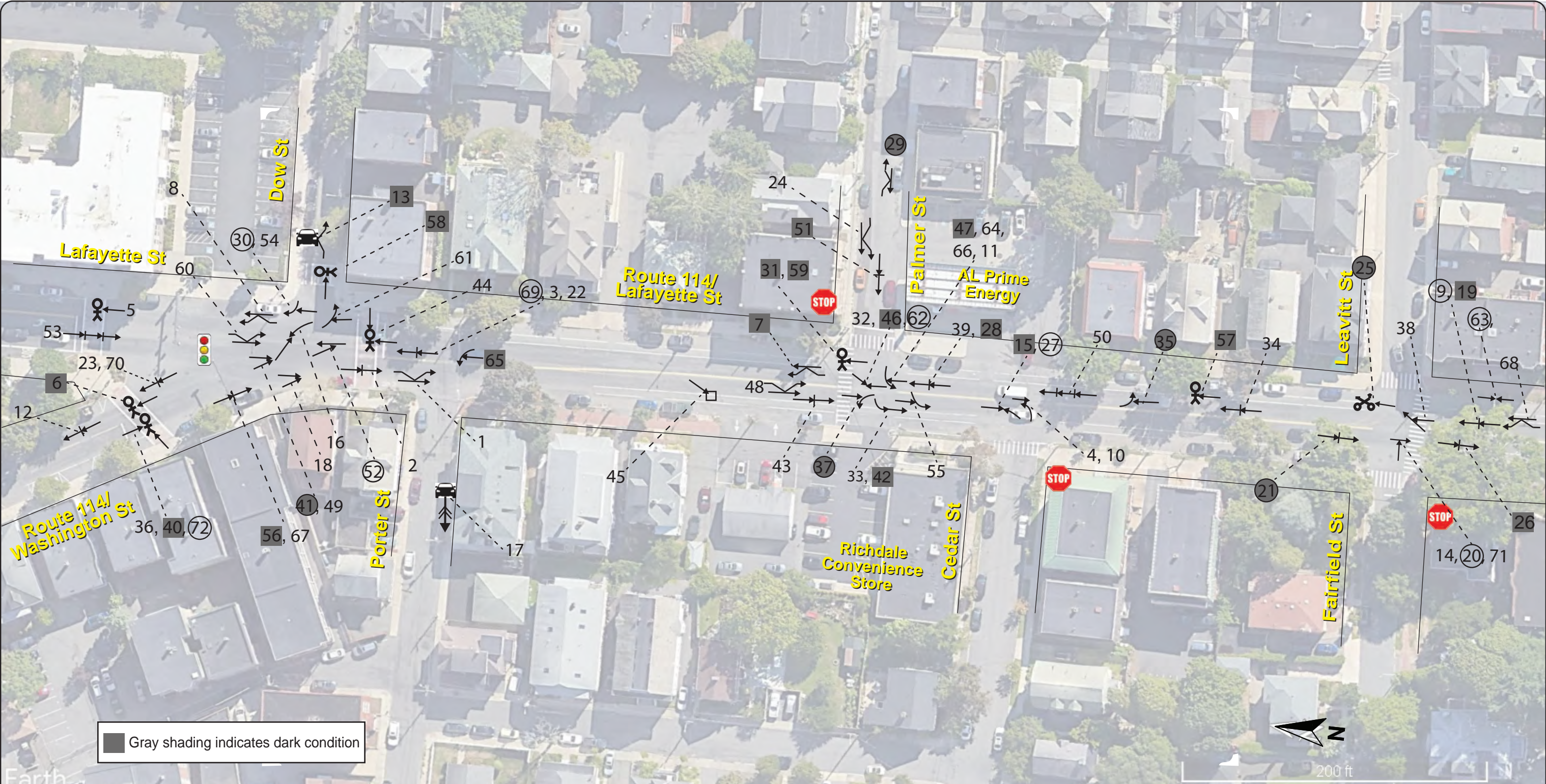
REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4670844	03/03/2019	Property damage only ( No injury		Angle	Dark - lighted roadway	Clear/Clear	Wet
2	4674728	03/11/2019	Property damage only ( No injury		Rear-end	Daylight	Clear/Clear	Dry
3	4699077	04/25/2019	Property damage only ( No injury		Sideswipe, same direction	Daylight	Clear/Clear	Dry
4	4713433	06/15/2019	Non-fatal injury	No injury	Angle	Dark - lighted roadway	Clear/Clear	Dry
5	4745271	09/01/2019	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
6	4748987	09/14/2019	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Cloudy/Cloudy	Dry
7	4751603	09/17/2019	Property damage only ( No Apparent Injury (O)		Sideswipe, opposite direction	Daylight	Clear/Clear	Dry
8	4755911	09/25/2019	Unknown	Not reported	Sideswipe, opposite direction	Dark - lighted roadway	Clear/Clear	Dry
9	4755125	09/28/2019	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
10	4775182	11/15/2019	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Clear/Clear	Dry
11	4775184	11/16/2019	Property damage only ( No Apparent Injury (O)		Front to Front	Daylight	Clear/Clear	Dry
12	4828556	03/11/2020	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
13	4832789	03/27/2020	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Clear	Dry
14	4835075	04/07/2020	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
15	4843291	05/14/2020	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
16	4854904	07/01/2020	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
17	4885464	10/09/2020	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
18	4885430	10/10/2020	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
19	4889597	10/18/2020	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
20	4888578	10/20/2020	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
21	4955609	04/28/2021	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Dark - lighted roadway	Rain/Rain	Wet
22	4967836	06/03/2021	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Cloudy	Dry
23	5055746	07/17/2021	Property damage only ( No Apparent Injury (O)		Head-on	Dark - lighted roadway	Clear/Clear	Dry
24	5068355	07/23/2021	Non-fatal injury	Suspected Minor Injury (B)	Single vehicle crash	Dark - lighted roadway	Clear/Clear	Dry
25	5055901	08/18/2021	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
26	5055737	09/01/2021	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Rain/Cloudy	Wet
27	5066235	10/06/2021	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Clear	Dry
28	5068611	12/09/2021	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
29	5068414	12/15/2021	Property damage only ( No Apparent Injury (O)		Front to Front	Dark - lighted roadway	Cloudy/Clear	Wet
30	5068392	12/17/2021	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
31	5068442	01/12/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
32	5069465	02/12/2022	Property damage only ( No Apparent Injury (O)		Rear-end	Daylight	Clear/Clear	Dry
33	5074240	02/22/2022	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Cloudy/Cloudy	Dry

# Collision Diagram

## Washington Street from Mill Street to Lafayette Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
34	5083665	03/22/2022	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
35	5095192	04/16/2022	Property damage only ( No Apparent Injury (O)		Front to Front	Dark - lighted roadway	Rain	Wet
36	5098945	05/03/2022	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Clear/Clear	Dry
37	5113313	06/12/2022	Property damage only ( No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
38	5121330	07/04/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
39	5155530	08/18/2022	Property damage only ( No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
40	5145077	08/19/2022	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Dark - lighted roadway	Clear/Clear	Dry
41	5178194	11/16/2022	Property damage only ( No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Cloudy	Dry
42	5178658	11/16/2022	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Rain/Rain	Wet
43	5270434	07/01/2023	Non-fatal injury	Suspected Minor Injury (B)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
44	5323870	08/21/2023	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
45	5323922	09/21/2023	Property damage only ( No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
46	5344419	01/03/2024	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Clear/Clear	Dry
47	5355833	01/31/2024	Non-fatal injury	Possible Injury (C)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
48	5369907	02/29/2024	Non-fatal injury	Possible Injury (C)	Single vehicle crash	Dusk	Clear/Clear	Dry
49	5377460	03/28/2024	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Rain/Rain	Wet
50	5385286	04/24/2024	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
51	5421945	07/08/2024	Property damage only ( No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry





SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY		<b>FIGURE 7</b> <b>Collision Diagram:</b> <b>Lafayette Street from Washington Street to Leavitt Street</b> <b>Crash Reports 2019-24</b>	
	Moving Vehicle		#	Property Damage Only Crash Index Number		
	Backing Vehicle		Ⓢ	Injury Crash Index Number	<b>BOSTON</b> <b>REGION</b> <b>MPO</b>	
	Non-Involved Vehicle		Ⓢ	Fatal Crash Index Number		
	Pedestrian		Ⓢ	Dark condition Crash Index Number		
	Parked Vehicle				<i>Route 114 Corridor Study</i> <i>Salem, Massachusetts</i>	
	Fixed Object					
	Bicycle					
	Animal					



Collision Diagram  
Lafayette Street from Washington Street to Leavitt Street: Crash Reports 2019-24

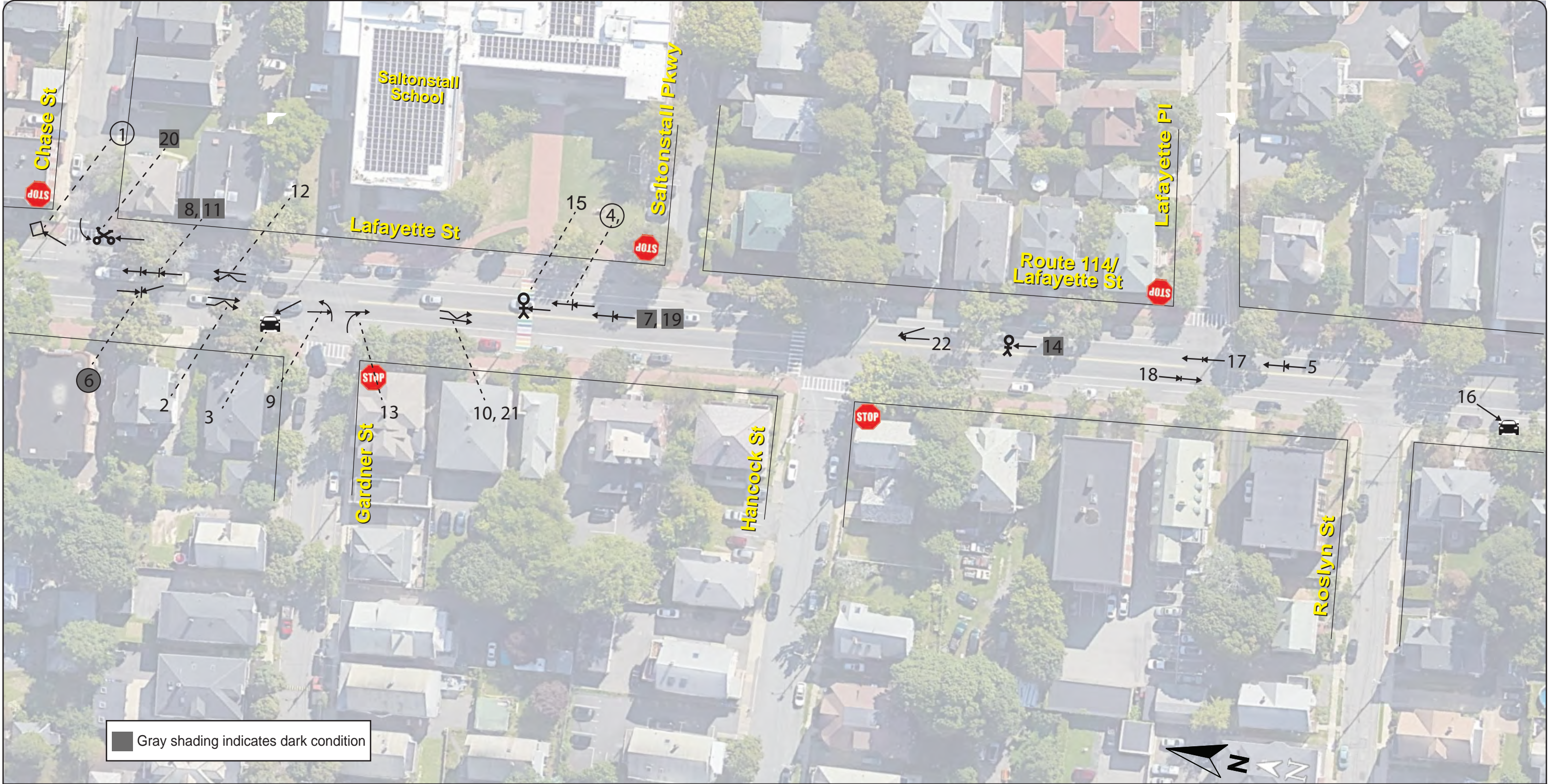
REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4648625	01/07/2019	Not Reported	Not Applicable	Sideswipe, same direction	Daylight	Clear/Reported but invalid	Dry
2	4652564	01/17/2019	Property damage only (I)	No injury	Rear-end	Daylight	Clear/Clear	Dry
3	4661650	02/10/2019	Property damage only (I)	No injury	Rear-end	Daylight	Clear/Clear	Dry
4	4699078	05/06/2019	Property damage only (I)	No injury	Angle	Daylight	Clear/Reported but invalid	Dry
5	4703606	05/21/2019	Property damage only (I)	No injury	Head-on	Daylight	Clear/Clear	Dry
6	4706562	05/26/2019	Property damage only (I)	No injury	Single vehicle crash	Dark - lighted roadway	Clear/Clear	Dry
7	4705348	05/27/2019	Not Reported	Not reported	Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
8	4715449	06/22/2019	Property damage only (I)	No injury	Sideswipe, same direction	Daylight	Clear/Clear	Dry
9	4722965	07/09/2019	Non-fatal injury	Non-fatal injury - Non-incapacitating	Rear-end	Daylight	Clear/Clear	
10	4722967	07/11/2019	Property damage only (I)	No injury	Angle	Daylight	Clear/Clear	
11	4723639	07/13/2019	Property damage only (I)	No injury	Angle	Daylight	Clear/Clear	
12	4732124	07/26/2019	Property damage only (I)	No injury	Rear-end	Daylight	Clear/Clear	
13	4752538	09/24/2019	Not Reported	Not reported	Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
14	4759636	10/08/2019	Property damage only (I)	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
15	4772480	11/08/2019	Property damage only (I)	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Clear/Clear	Dry
16	4787364	12/11/2019	Property damage only (I)	No Apparent Injury (O)	Front to Front	Daylight	Snow/Snow	Wet
17	4811246	01/30/2020	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Daylight	Clear	Dry
18	4817870	02/15/2020	Property damage only (I)	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
19	4832790	03/28/2020	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear	Dry
20	4861496	07/21/2020	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Clear/Clear	Dry
21	4867177	08/07/2020	Non-fatal injury	Suspected Minor Injury (B)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
22	4869920	08/18/2020	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
23	4875246	09/05/2020	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
24	4878726	09/13/2020	Property damage only (I)	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
25	4881189	09/28/2020	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
26	4895241	11/04/2020	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
27	4897800	11/16/2020	Non-fatal injury	Possible Injury (C)	Front to Front	Daylight	Clear/Clear	Dry
28	4903939	12/03/2020	Property damage only (I)	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
29	4948478	03/18/2021	Unknown	Not reported	Sideswipe, opposite direction	Dark - lighted roadway	Clear	Dry
30	4948480	04/06/2021	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
31	4954291	04/24/2021	Property damage only (I)	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Clear/Clear	Dry
32	4957571	05/04/2021	Property damage only (I)	No Apparent Injury (O)	Head-on	Daylight	Rain/Rain	Wet
33	4958863	05/03/2021	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
34	4972416	06/16/2021	Property damage only (I)	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
35	5055870	07/01/2021	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Rain/Rain	Wet
36	5055861	07/03/2021	Property damage only (I)	No Apparent Injury (O)	Angle	Daylight	Cloudy/Rain	Wet



Collision Diagram  
Lafayette Street from Washington Street to Leavitt Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
37	5037125	07/25/2021	Non-fatal injury	Possible Injury (C)	Angle	Dark - unknown roadway li	Clear/Clear	Dry
38	5055879	08/24/2021	Property damage only (i	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Blowing sand, snow/Clear	Dry
39	5068467	09/18/2021	Property damage only (i	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
40	5068393	11/12/2021	Property damage only (i	No Apparent Injury (O)	Front to Front	Dark - lighted roadway	Rain/Rain	Wet
41	5068405	12/08/2021	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Cloudy/Cloudy	Other
42	5068620	12/17/2021	Property damage only (i	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
43	5068395	01/12/2022	Property damage only (i	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
44	5068422	01/12/2022	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Cloudy/Cloudy	Dry
45	5068354	01/24/2022	Unknown	Unknown	Single vehicle crash	Daylight	Cloudy/Cloudy	Ice
46	5069952	02/08/2022	Property damage only (i	No Apparent Injury (O)	Front to Front	Dark - lighted roadway	Clear/Clear	Dry
47	5086160	03/09/2022	Property damage only (i	No Apparent Injury (O)	Angle	Dark - unknown roadway li	Clear/Clear	Dry
48	5096494	04/26/2022	Property damage only (i	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
49	5099987	04/29/2022	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
50	5101317	05/10/2022	Property damage only (i	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
51	5114412	06/15/2022	Property damage only (i	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
52	5140547	08/18/2022	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
53	5150220	09/15/2022	Property damage only (i	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
54	5158452	10/04/2022	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Rain/Rain	Wet
55	5164919	10/13/2022	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
56	5199082	11/15/2022	Property damage only (i	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
57	5189898	12/06/2022	Property damage only (i	No Apparent Injury (O)	Single vehicle crash	Dark - lighted roadway	Clear/Clear	Dry
58	5189286	12/16/2022	Property damage only (i	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Rain/Rain	Wet
59	5202132	01/15/2023	Property damage only (i	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Clear/Clear	Dry
60	5232917	03/03/2023	Property damage only (i	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
61	5242029	04/11/2023	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
62	5264687	06/09/2023	Non-fatal injury	Possible Injury (C)	Front to Front	Daylight	Cloudy/Cloudy	Dry
63	5280580	07/22/2023	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Daylight	Clear	Dry
64	5280829	07/27/2023	Property damage only (i	No Apparent Injury (O)	Unknown	Daylight	Cloudy/Cloudy	Dry
65	5323882	09/10/2023	Property damage only (i	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
66	5344844	01/02/2024	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
67	5412274	03/05/2024	Property damage only (i	No Apparent Injury (O)	Rear-end	Daylight	Rain/Rain	Wet
68	5374640	03/22/2024	Property damage only (i	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
69	5396338	05/27/2024	Non-fatal injury	Possible Injury (C)	Rear-end	Daylight	Clear/Clear	Dry
70	5403838	06/13/2024	Property damage only (i	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
71	5425284	08/05/2024	Property damage only (i	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
72	5435317	09/11/2024	Non-fatal injury	Suspected Minor Injury (B)	Single vehicle crash	Daylight	Clear	Dry





Gray shading indicates dark condition

SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY	
	Moving Vehicle		#	Property Damage Only Crash Index Number
	Backing Vehicle		(#)	Injury Crash Index Number
	Non-Involved Vehicle		(#)	Fatal Crash Index Number
	Bicycle		# (#)	Dark condition Crash Index Number
	Pedestrian			
	Parked Vehicle			
	Fixed Object			
	Animal			

**FIGURE 8**  
**Collision Diagram:**  
**Lafayette Street from Chase Street to Roslyn Street**  
**Crash Reports 2019-24**

BOSTON  
REGION  
MPO

Route 114 Corridor Study  
Salem, Massachusetts

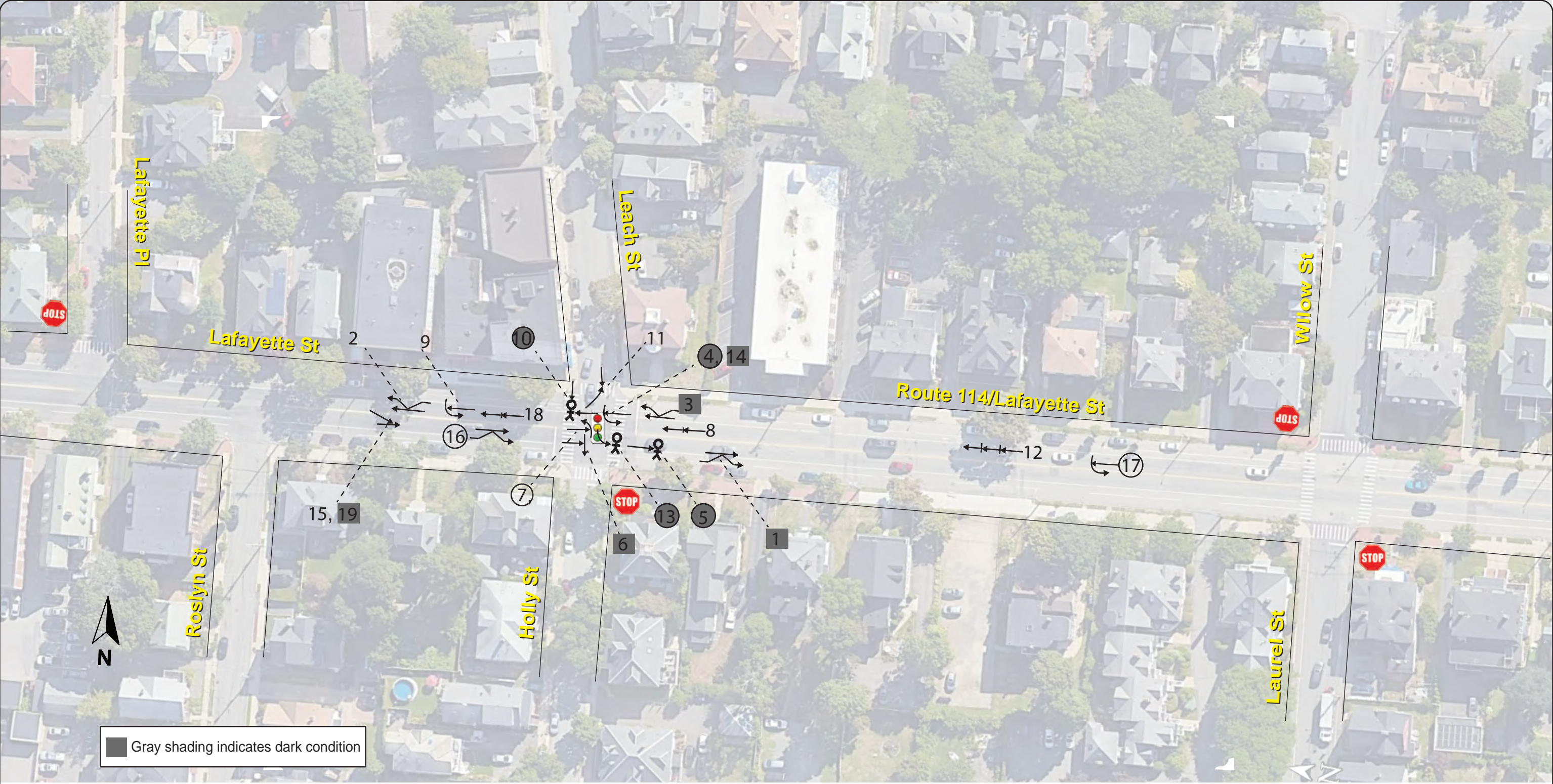


# Collision Diagram

## Lafayette Street from Chase Street to Roslyn Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
1	4678792	03/21/2019	Non-fatal injury	Non-fatal injury - Possible	Head-on	Daylight	Clear/Reported but invalid	Dry
2	4682388	03/28/2019	Property damage only (	No injury	Sideswipe, same direction	Daylight	Clear/Clear	Dry
3	4704170	05/22/2019	Not Reported	No injury	Angle	Daylight	Clear/Reported but invalid	Dry
4	4704968	05/25/2019	Non-fatal injury	No injury	Rear-end	Daylight	Clear/Clear	Dry
5	4743613	08/26/2019	Property damage only (	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
6	4755297	09/30/2019	Non-fatal injury	Possible Injury (C)	Head-on	Dark - lighted roadway	Clear/Clear	Dry
7	4794187	12/27/2019	Property damage only (	No Apparent Injury (O)	Front to Rear	Dark - lighted roadway	Clear/Clear	Wet
8	4815716	02/10/2020	Property damage only (	No Apparent Injury (O)	Rear-end	Dark - roadway not lighted	Clear/Clear	Wet
9	4877022	09/10/2020	Property damage only (	No Apparent Injury (O)	Angle	Daylight	Cloudy/Cloudy	Dry
10	4909764	12/18/2020	Property damage only (	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Snow
11	4917827	01/11/2021	Property damage only (	No Apparent Injury (O)	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
12	5068400	08/13/2021	Property damage only (	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry
13	5068458	11/01/2021	Property damage only (	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
14	5068440	11/19/2021	Property damage only (	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Clear/Clear	Dry
15	5068509	12/09/2021	Property damage only (	No Apparent Injury (O)	Single vehicle crash	Daylight	Clear/Clear	Wet
16	5094459	04/20/2022	Property damage only (	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
17	5123983	07/10/2022	Property damage only (	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
18	5276834	07/18/2023	Property damage only (	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
19	5403847	06/14/2024	Property damage only (	No Apparent Injury (O)	Front to Rear	Dusk	Clear/Clear	Dry
20	5419148	07/27/2024	Property damage only (	No Apparent Injury (O)	Head-on	Dark - lighted roadway	Clear/Clear	Dry
21	5426905	08/13/2024	Property damage only (	No Apparent Injury (O)	Sideswipe, same direction	Daylight	Clear/Clear	Dry





SYMBOLS		TYPES OF CRASH	CRASH INDEX AND SEVERITY	
	Moving Vehicle		Head On / Front to Front	# Property Damage Only Crash Index Number
	Backing Vehicle		Angle	(#) Injury Crash Index Number
	Non-Involved Vehicle		Rear End / Front to Rear	(#) Fatal Crash Index Number
	Pedestrian		Sideswipe, Same Direction	# (#) Dark condition Crash Index Number
	Parked Vehicle		Sideswipe, Opposite Direction	
	Fixed Object			
	Bicycle			
	Animal			

**FIGURE 9**  
**Collision Diagram:**  
**Lafayette Street from Roslyn Street to Laurel Street**  
**Crash Reports 2019-24**

BOSTON  
REGION  
MPO

*Route 114 Corridor Study  
Salem, Massachusetts*



# Collision Diagram

## Lafayette Street from Roslyn Street to Laurel Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4652036	01/12/2019	Property damage only	No injury	Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
2	4684951	04/03/2019	Property damage only	No injury	Sideswipe, same direction	Daylight	Clear/Clear	Dry
3	4689203	04/15/2019	Property damage only	No injury	Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
4	4767042	10/28/2019	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - lighted roadway	Rain/Rain	Wet
5	4809663	01/28/2020	Property damage only	No Apparent Injury (O)	Front to Front	Dark - lighted roadway	Clear	Dry
6	4869591	08/16/2020	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Clear/Clear	Dry
7	5068605	11/10/2021	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
8	5068469	01/18/2022	Property damage only	No Apparent Injury (O)	Front to Rear	Daylight	Clear/Clear	Dry
9	5116296	06/20/2022	Property damage only	No Apparent Injury (O)	Angle	Daylight	Clear/Clear	Dry
10	5145641	09/02/2022	Non-fatal injury	Suspected Minor Injury (B)	Angle	Dark - roadway not lighted	Clear/Clear	Dry
11	5225967	02/09/2023	Property damage only	No Apparent Injury (O)	Front to Front	Daylight	Clear/Clear	Dry
12	5324009	11/14/2023	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
13	5331505	12/06/2023	Non-fatal injury	Suspected Minor Injury (B)	Single vehicle crash	Dark - roadway not lighted	Clear/Clear	Dry
14	5341603	12/27/2023	Property damage only	No Apparent Injury (O)	Angle	Dark - lighted roadway	Rain/Rain	Wet
15	5352877	01/23/2024	Property damage only	No Apparent Injury (O)	Angle	Daylight	Cloudy/Cloudy	Dry
16	5354201	01/27/2024	Non-fatal injury	Possible Injury (C)	Sideswipe, same direction	Daylight	Cloudy/Cloudy	Dry
17	5374635	02/21/2024	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
18	5398670	05/29/2024	Property damage only	No Apparent Injury (O)	Rear-end	Daylight	Clear/Clear	Dry
19	5432897	09/05/2024	Property damage only	Not reported	Angle	Dark - lighted roadway	Clear/Clear	Dry





SYMBOLS		TYPES OF CRASH		CRASH INDEX AND SEVERITY	
→	Moving Vehicle	Parked Vehicle	↔↔ Head On / Front to Front	#	Property Damage Only Crash Index Number
↔	Backing Vehicle	□ Fixed Object	↘↙ Angle	Ⓝ	Injury Crash Index Number
····→	Non-Involved Vehicle	Bicycle	→↔ Rear End / Front to Rear	Ⓢ	Fatal Crash Index Number
	Pedestrian	Animal	↔↔ Sideswipe, Same Direction	■ #	Dark condition Crash Index Number
			↔↔ Sideswipe, Opposite Direction		

**FIGURE 10**  
**Collision Diagram:**  
**Lafayette Street from Ocean Avenue to West Street**  
**Crash Reports 2019-24**

BOSTON  
 REGION  
 MPO

Route 114 Corridor Study  
 Salem, Massachusetts



Collision Diagram  
Lafayette Street from Ocean Avenue to West Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFACE
1	4649334	01/09/2019	Non-fatal injury	Non-fatal injury - Non-incapacitating	Angle	Dark - lighted roadway	Rain/Clear	Dry
2	4666565	02/19/2019	Property damage on No injury		Sideswipe, opposite direction	Daylight	Clear/Clear	Ice
3	4666566	02/20/2019	Property damage on No injury		Angle	Daylight	Cloudy/Cloudy	Dry
4	4675178	03/11/2019	Property damage on No injury		Sideswipe, opposite direction	Dark - lighted roadway	Sleet, hail (freezing rain or	Ice
5	4687855	04/05/2019	Property damage on No injury		Sideswipe, same direction	Daylight	Clear/Clear	Dry
6	4690093	04/17/2019	Property damage on No injury		Rear-end	Daylight	Clear/Clear	Dry
7	4704967	05/25/2019	Non-fatal injury	Non-fatal injury - Non-incapacitating	Rear-end	Daylight	Clear/Reported but invalid	Dry
8	4710419	06/04/2019	Non-fatal injury	Suspected Serious Injury (A)	Head-on	Daylight	Clear/Reported but invalid	Dry
9	4711156	06/12/2019	Property damage on No injury		Angle	Daylight	Clear/Reported but invalid	Dry
10	4714107	06/19/2019	Property damage on No injury		Rear-end	Daylight	Clear/Reported but invalid	Dry
11	4717706	06/27/2019	Non-fatal injury	Non-fatal injury - Possible	Rear-end	Dark - lighted roadway	Clear/Clear	Dry
12	4729645	07/27/2019	Property damage on No injury		Front to Rear	Daylight	Clear/Clear	
13	4738679	08/14/2019	Non-fatal injury	Possible Injury (C)	Front to Front	Daylight	Clear/Clear	Dry
14	4747485	09/10/2019	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
15	4751604	09/19/2019	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
16	4755126	09/24/2019	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
17	4762551	10/18/2019	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Cloudy/Clear	Dry
18	4773511	11/05/2019	Property damage on No Apparent Injury (O)		Rear-end	Dark - lighted roadway	Rain/Rain	Wet
19	4775186	11/16/2019	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
20	4784079	11/30/2019	Non-fatal injury	Possible Injury (C)	Sideswipe, opposite direction	Dusk	Clear/Clear	Dry
21	4806519	01/21/2020	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
22	4829820	01/24/2020	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
23	4870885	04/27/2020	Property damage on No Apparent Injury (O)		Angle	Daylight	Rain/Rain	Wet
24	4846877	06/01/2020	Non-fatal injury	Suspected Minor Injury (B)	Front to Front	Daylight	Clear/Clear	Dry
25	4853670	06/27/2020	Non-fatal injury	Possible Injury (C)	Angle	Daylight	Clear/Clear	Dry
26	4864438	08/01/2020	Property damage on No Apparent Injury (O)		Front to Front	Dark - lighted roadway	Clear/Clear	Dry
27	4867983	08/10/2020	Non-fatal injury	Possible Injury (C)	Front to Rear	Daylight	Clear/Clear	Dry
28	4871120	08/18/2020	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear	Dry
29	4883198	10/03/2020	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear	Dry
30	4895941	11/11/2020	Property damage on No Apparent Injury (O)		Front to Front	Dark - lighted roadway	Clear/Clear	Dry
31	4903711	12/01/2020	Property damage on No Apparent Injury (O)		Rear-to-rear	Daylight	Clear/Clear	Dry
32	4947702	04/03/2021	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
33	4953195	04/20/2021	Property damage on No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
34	4963718	05/23/2021	Property damage on No Apparent Injury (O)		Front to Front	Dusk	Clear/Clear	Dry
35	4965182	05/25/2021	Property damage on No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
36	5056509	09/17/2021	Property damage on No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
37	5060217	09/27/2021	Property damage on No Apparent Injury (O)		Rear-end	Dark - lighted roadway	Clear/Clear	Dry
38	5068572	09/30/2021	Property damage on No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Dry
39	5068482	11/03/2021	Unknown	Not reported	Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
40	5068563	11/23/2021	Property damage on No Apparent Injury (O)		Single vehicle crash	Daylight	Clear/Clear	Dry
41	5068491	12/23/2021	Property damage on No Apparent Injury (O)		Sideswipe, same direction	Daylight	Clear	Dry
42	5068437	02/03/2022	Non-fatal injury	Suspected Minor Injury (B)	Single vehicle crash	Dark - lighted roadway	Rain	Wet
43	5068451	02/09/2022	Non-fatal injury	Suspected Minor Injury (B)	Angle	Daylight	Clear/Clear	Dry
44	5075248	02/28/2022	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
45	5113314	06/09/2022	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry

# Collision Diagram

## Lafayette Street from Ocean Avenue to West Street: Crash Reports 2019-24

REFERENCE ID	CRASH NUMBER	CRASH DATE	CRASH SEVERITY	MAX INJURY SEVERITY	MANNER OF COLLISION	AMBIENT LIGHT	WEATHER CONDITION	ROAD SURFURE
46	5134113	08/05/2022	Property damage on No Apparent Injury (O)		Front to Rear	Daylight	Clear/Clear	Wet
47	5142250	08/24/2022	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
48	5153861	09/23/2022	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear	Dry
49	5157165	10/01/2022	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
50	5162545	10/13/2022	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
51	5163288	10/14/2022	Property damage on No Apparent Injury (O)		Front to Rear	Dark - lighted roadway	Clear/Clear	Dry
52	5182473	11/30/2022	Non-fatal injury Suspected Minor Injury (B)		Front to Front	Dark - lighted roadway	Rain/Rain	Wet
53	5185030	12/03/2022	Property damage on No Apparent Injury (O)		Front to Front	Daylight	Clear/Clear	Dry
54	5185033	12/07/2022	Property damage on No Apparent Injury (O)		Rear-end	Daylight	Rain/Rain	Wet
55	5188155	12/14/2022	Property damage on No Apparent Injury (O)		Sideswipe, opposite direction	Daylight	Clear/Clear	Dry
56	5201523	01/13/2023	Non-fatal injury Possible Injury (C)		Front to Rear	Dark - roadway not light	Clear/Clear	Dry
57	5226425	02/21/2023	Property damage on No Apparent Injury (O)		Front to Rear	Daylight	Rain/Rain	Wet
58	5323854	08/14/2023	Non-fatal injury Suspected Minor Injury (B)		Angle	Daylight	Clear/Clear	Dry
59	5323939	10/13/2023	Property damage on No Apparent Injury (O)		Sideswipe, same direction	Dark - lighted roadway	Clear/Clear	Dry
60	5331500	12/06/2023	Property damage on No Apparent Injury (O)		Rear-end	Dark - lighted roadway	Clear/Clear	Dry
61	5358579	02/06/2024	Non-fatal injury Possible Injury (C)		Rear-end	Daylight	Clear/Clear	Dry
62	5372747	03/17/2024	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
63	5383858	04/09/2024	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
64	5389321	05/04/2024	Non-fatal injury Possible Injury (C)		Sideswipe, same direction	Daylight	Clear/Clear	Dry
65	5398575	05/31/2024	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry
66	5419567	07/21/2024	Property damage on No Apparent Injury (O)		Angle	Dark - lighted roadway	Clear/Clear	Dry
67	5426370	08/17/2024	Property damage on No Apparent Injury (O)		Angle	Daylight	Clear/Clear	Dry