

**NEW MEXICO DEPARTMENT OF TRANSPORTATION
TPA-9999(5)
CN-U900030**

**NORTH PRINCE STREET & COMMERCE WAY
NORTH PRINCE STREET & EAST 21ST STREET
INTERSECTION CRASH ANALYSIS**

Prepared For:



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Location: Intersections of N Prince Street/Commerce Way and N Prince Street/E 21st Street
City: Clovis, New Mexico
County: Curry County
NMDOT District: District 2

Intersection: N Prince Street (NM 209)/Commerce Way
Major Street (Classification): N Prince Street (Arterial) – urban divided 4-lane State Highway
ADT*: 23,382 (2005)
Minor Street (Classification): Commerce Way (Collector) – urban undivided 4-lane roadway
ADT*: 2,969 (2005)

Intersection: N Prince Street (NM 209)/E 21st Street (NM 523)
Major Street (Classification): N Prince St (Arterial) – urban undivided 5-lane State Highway
ADT*: 11,539 (2005)
Minor Street (Classification): E 21st Street (Arterial) – urban undivided 4-lane/5-lane roadway
ADT* (east): 3,014 (2005)
ADT* (west): 10,440 (2005)

*ADT volumes taken from 2005 NMDOT Consolidated Highway Database (CHDB) at intersection mile posts.

1. INTRODUCTION

The purpose of this report is to summarize the crash report data that was provided by the City of Clovis for the intersections of N Prince Street/Commerce Way and N Prince Street/E 21st Street in Clovis, NM. A map indicating the location of the study intersections can be found in [Appendix A](#) and aerial photographs of each intersection are shown in [Figure 1](#) (N Prince Street/E 21st Street) and [Figure 2](#) (N Prince Street/Commerce Way).

The N Prince Street/E 21st Street intersection is located 400-feet north of the N Prince Street/Commerce Way Intersection. Adjacent signalized intersections are located approximately 0.4 miles north and south of the intersections. The N Prince Street corridor is one of the major north/south routes through Clovis and provides access to numerous commercial, retail and residential developments. Commerce Way links N Prince Street to N Main Street and the Historic Preservation and Business District in downtown Clovis. The E 21st Street corridor is one of the major east/west routes through Clovis and provides access to numerous commercial, retail and residential developments, including Clovis High School.

The purpose of the analyses were to document and catalogue each of the crashes at each intersection, map each of the crashes by intersection approach, and identify relevant crash patterns and statistics.



Figure 1: N Prince Street/E 21st Street Intersection

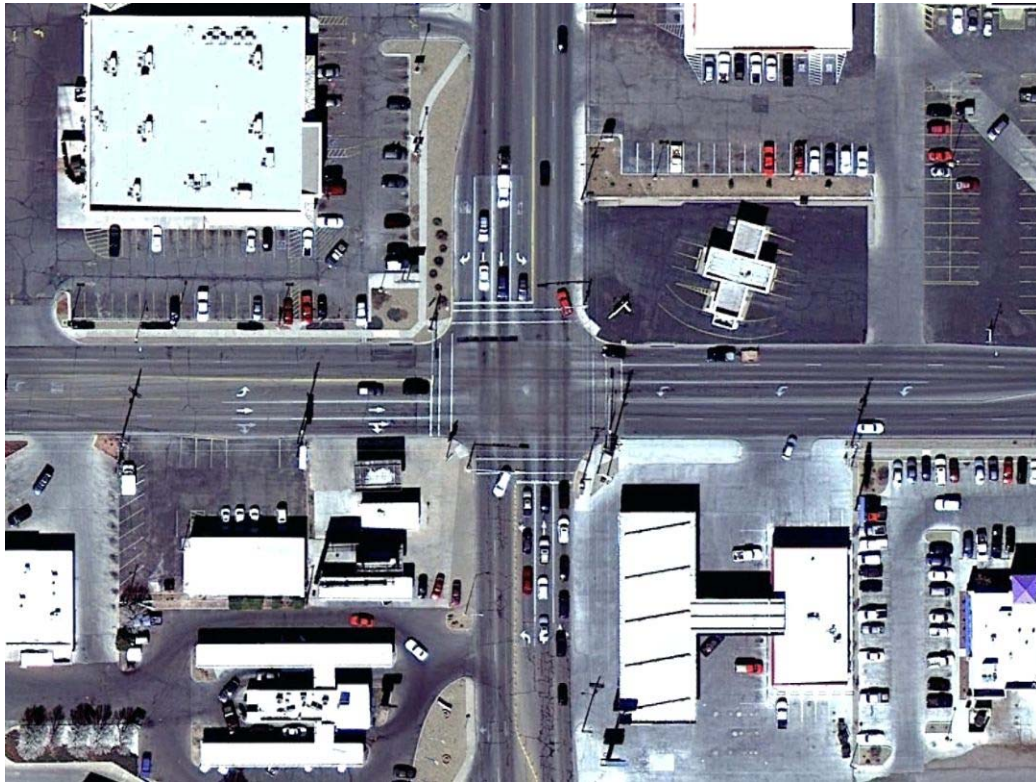


Figure 2: N Prince Street/Commerce Way Intersection





2. INTERSECTION CRASH ANALYSIS

Intersection crash reports for the three-year period from 2010 to 2012 were provided by the City of Clovis. Only crashes that were reported to a public safety agency (e.g., Clovis Police Department) and transmitted to the Clovis Police Department are included. It has been estimated that only 50% of the total number of crashes that occur are actually reported. Refer to **Appendix B** for a description of crash rate calculations

2.1 N Prince Street/Commerce Way

A total of 44 crashes were reported for the three-year period analyzed. **Table 1** provides a summary of the crash statistics for the predominant crash types. Refer to **Appendix C** for a listing of the summarized crash data for the intersection and **Appendix D** for the collision diagram for the intersection.

Table 1: Crash Summary – N Prince Street/Commerce Way

Crash Location at Intersection	Predominant Crash Types					
	Rear-End		Left-Turn		Sideswipe	
	CR #	CR %	CR #	CR%	CR #	CR %
Overall Intersection	24	55%	9	20%	3	7%
North Leg						
Approach	3	7%	2	5%	0	0%
Departure	4	9%	0	0%	0	0%
South Leg						
Approach	14	32%	3	7%	2	5%
Departure	0	0%	0	0%	0	0%
East Leg						
Approach	1	2%	1	2%	0	0%
Departure	0	0%	0	0%	0	0%
West Leg						
Approach	3	7%	3	7%	1	2%
Departure	1	2%	0	0%	0	0%

In addition to the statistics summarized in **Table 1**, other pertinent crash statistics are:

- The three-year crash rate at the intersection is 1.52 crashes per million entering vehicles (cr/MEV).
- Five of the 44 reported accidents (11%) involved injuries. This falls below the New Mexico Statewide average (30%) and City of Clovis average (23%) for 2010 (taken from the NMDOT *New Mexico Traffic Crash Annual Report 2010*). There were no fatalities.
- The predominant crash types are rear-end and left-turn crashes.
- Two of the crashes involved a pedestrian and both involved a northbound moving vehicle.
- One of the crashes involved alcohol.
- Thirty-three of the 44 crashes (75%) involved a northbound.



- Ten of the 44 crashes (22%) occurred between 10:00 AM and 1:00 PM, and thirteen of 44 crashes (30%) occurred between 4:00 PM and 6:00 PM. Only 2 crashes (5%) occurred between 6:00 AM to 9:00 AM.
- The top contributing circumstances include following too close (43%), disregarding traffic signal (15%), and driver inattention (14%).

2.2 N Prince Street/E 21st Street

A total of 84 crashes were reported for the three-year period analyzed. **Table 1** provides a summary of the crash statistics for the predominant crash types. Refer to **Appendix E** for a listing of the summarized crash data for the intersection and **Appendix F** for the collision diagram for the intersection.

Table 2: Crash Summary – N Prince Street/21st Street

Crash Location at Intersection	Predominant Crash Types					
	Rear-End		Left Turn		Sideswipe	
	CR #	CR %	CR #	CR%	CR #	CR %
Overall Intersection	46	55%	12	14%	9	11%
North Leg						
Approach	15	18%	4	5%	5	6%
Departure	3	4%	0	0%	2	2%
South Leg						
Approach	5	6%	2	2%	1	1%
Departure	1	1%	0	0%	0	0%
East Leg						
Approach	10	12%	1	1%	0	0%
Departure	2	2%	0	0%	0	0%
West Leg						
Approach	10	12%	5	6%	1	1%
Departure	0	0%	0	0%	0	0%

In addition to the statistics summarized in **Table 1**, other pertinent crash statistics are:

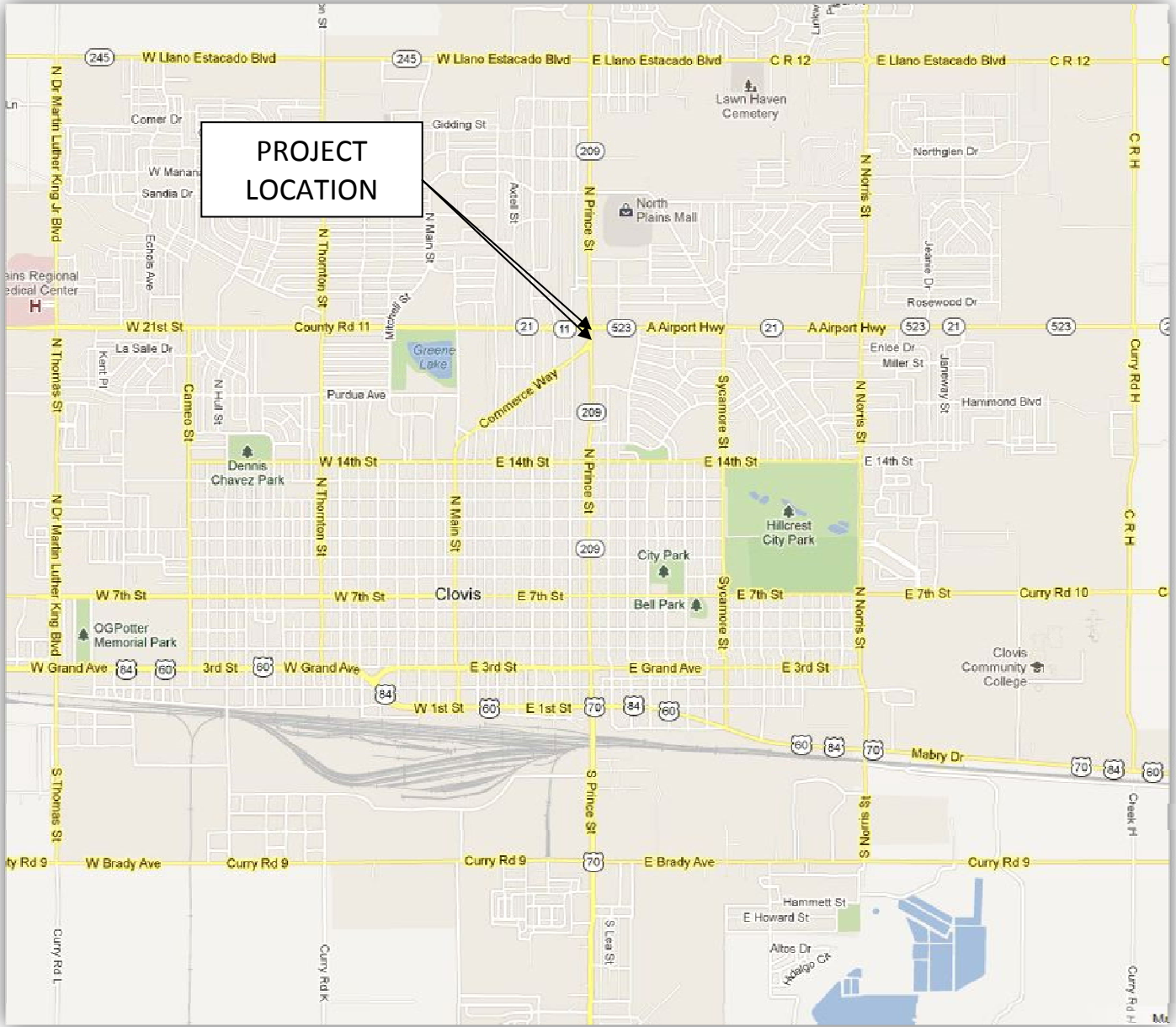
- The three-year crash rate at the intersection is 4.20 crashes per million entering vehicles (cr/MEV).
- Fifteen of the 84 reported accidents (18%) involved injuries. This falls below the New Mexico Statewide average (30%) and City of Clovis average (23%) for 2010. There were no fatalities.
- The predominant crash types are rear-end and angle crashes.
- One of the crashes involved a pedestrian in a southbound moving vehicle.
- One of the crashes involved alcohol.
- Thirty-six of the 84 crashes (43%) involved a southbound movement.
- Nineteen of the 84 crashes (23%) occurred between 10:00 AM and 1:00 PM, and fourteen of 84 crashes (17%) occurred between 4:00 PM and 6:00 PM. Only 4 crashes (5%) occurred between 6:00 AM to 9:00 AM.



- The top contributing circumstances include following too close (42%), failed to yield right of way (24%), and driver inattention (7%).

Appendices

Appendix A: Study Area



Appendix B: Crash Rate Calculation Documentation

CRASH RATE FORMULAS

The standard formula for Segment Crash Rate is:

For measuring units of Crashes per 100 million vehicle-miles,

$$\text{Rate (segment)} = (C * (10 \text{ exponential } 8)) / (365 * T * V * L)$$

Where: C = number of crashes over number of years studied that occurred on the segment;

365 Days/Year

T = number of years

V=AADT=vehicles/Day

L = Length of segment in miles

To convert to measuring units of crashes per million vehicle-miles, divide by 100.

For intersection Spot Crash rates the standard formula, measured in Crashes per 100 million entering vehicles is:

$$\text{Rate (Intersection)} = (C * (10 \text{ exponential } 8)) / (365 * T * V[\text{entering}])$$

Where: C = number of crashes over number of years that occurred in the intersection or are intersection related;

365 Days/Year

T = number of years

V[entering] = vehicles per day entering the intersection (one-way) from all approaches to the intersection. To convert to measuring units of crashes per million entering vehicles, divide by 100.

If you only have regular ADT Volume (two-way) data, then substitute V[ADT]/2 for V[Entering], and the formula is then:

$$\text{Rate (Intersection)} = (C * (10 \text{ exponential } 8)) / (365 * T * (V[\text{ADT}]/2))$$

Appendix C: N Prince St/Commerce Way Crash Summary

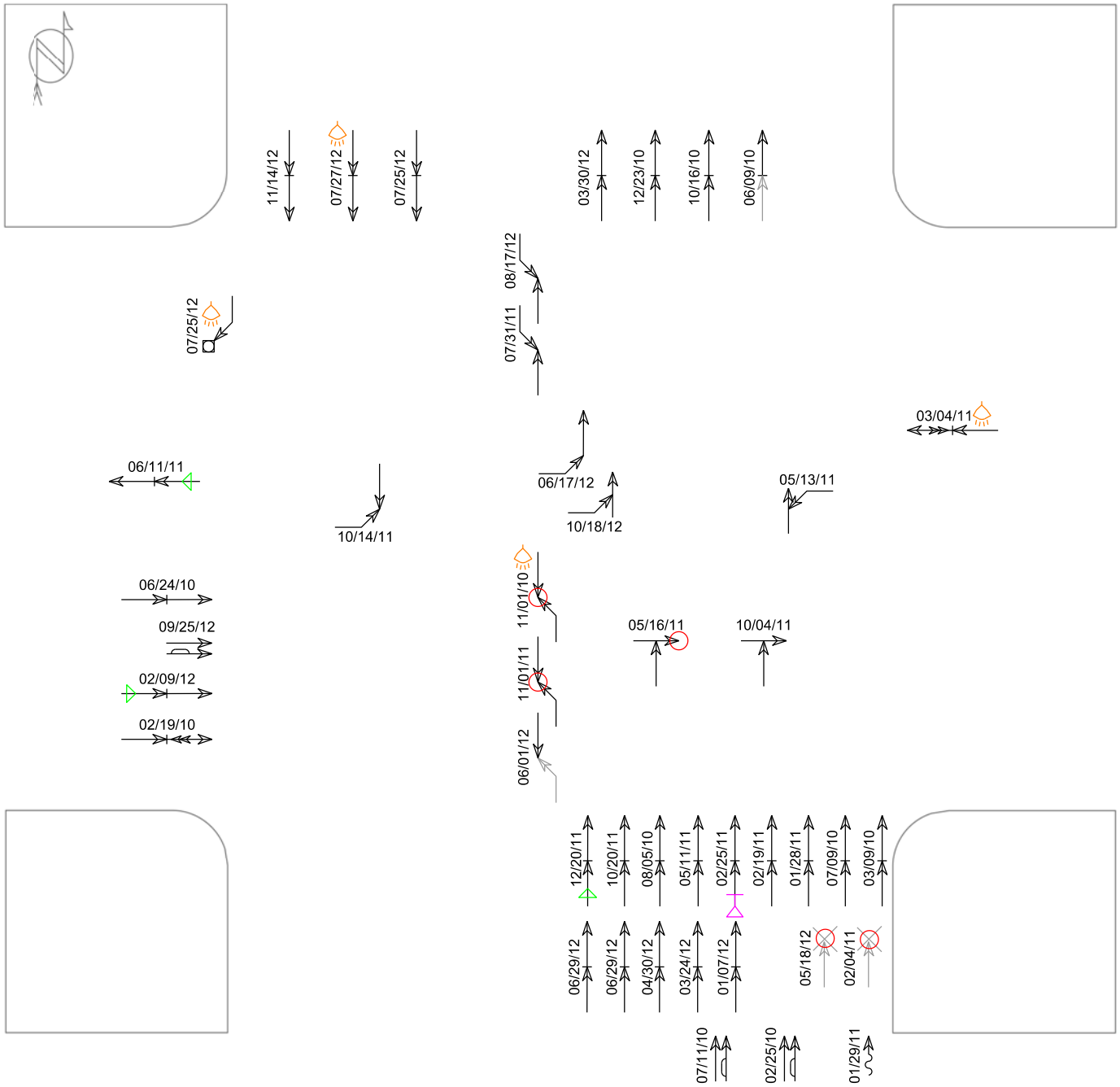
3-YEAR CRASH HISTORY FOR COMMERCE & PRINCE (2010-2012)													
CASE ID	DATE	SEVERITY	TIME	CRASH TYPE	LIGHT	WEATHER	PED INV	ALC INV	TOP C FACC	DIR FROM INT	V1 DIREC	V2 DIREC	V3 DIRECT
23204583	2/19/2010	Property Damage	8:30 AM	Rear End (Backing)	Daylight	Clear	Ped not involved	None indicated	Improper Backing	East	East	East	
23204592	2/25/2010	Property Damage	12:24 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Improper lane change	North	North	North	
23204782	3/9/2010	Property Damage	1:57 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	North	North	
23206144	6/9/2010	Property Damage	5:03 PM	Rear end	Daylight	Clear	Ped not involved	Sobriety Unknown	Driver inattention	North	North	North	
23204510	6/24/2010	Property Damage	4:20 PM	Rear end	Daylight	Clear	Ped not involved	Sobriety Unknown	Following too closely	East	North	North	
23204836	7/9/2010	Property Damage	5:21 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23282983	7/11/2010	Property Damage	3:02 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Improper overtaking	South	West	West	
23283201	8/5/2010	Property Damage	12:20 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23206150	10/16/2010	Property Damage	4:25 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	North	North	
23283118	11/1/2010	Injury	7:30 PM	Left Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Disregarded traffic signal		South	Northwest	
23288197	12/23/2010	Property Damage	2:45 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	North	North	
23283280	1/28/2011	Property Damage	2:24 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23227932	1/29/2011	Property Damage	4:30 PM	Other	Daylight	Clear	Ped not involved	Sobriety Unknown	Driver inattention	South	North	North	
23227884	2/4/2011	Injury	5:00 PM	Hit and run	Dusk	Clear/Wet	Ped involved	Sobriety Unknown	Pedestrian error	South	Northwest		
23291354	2/19/2011	Property Damage	1:45 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23227618	2/25/2011	Property Damage	5:26 PM	Rear end	Daylight	Clear	Ped not involved	Alcohol consumed	Under influence of alcohol/Using cell phone	South	North	North	
23291390	3/4/2011	Property Damage	8:23 PM	Rear End (Backing)	Dark-Lighted	Clear/Wet	Ped not involved	None indicated	Improper backing	East			
23179498	5/11/2011	Property Damage	3:30 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Driver inattention	South	North	North	
23205791	5/13/2011	Property Damage	10:41 AM	Left Turn	Daylight	Clear	Ped not involved	Sobriety Unknown	Made improper turn		North	Southwest	
23291754	5/16/2011	Injury	8:58 AM	Angle	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		North	East	
23288733	6/11/2011	Property Damage	3:43 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely		Northwest	Northwest	Northwest
23179744	7/31/2011	Property Damage	7:50 PM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way		Southeast	North	
23255226	10/4/2011	Property Damage	9:58 AM	Angle	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		East	North	
23288280	10/14/2011	Property Damage	10:27 AM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		South	Northeast	
23288543	10/20/2011	Property Damage	11:51 AM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23288591	11/1/2011	Injury	12:15 PM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Made improper turn		Northwest	South	
23255483	12/20/2011	Property Damage	4:20 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	North
23291466	1/7/2012	Property Damage	11:18 AM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23288617	2/9/2012	Property Damage	5:10 PM	Rear end	Daylight	Clear/Wet	Ped not involved	None indicated	Following too closely	West	Northeast	Northeast	Northeast
23315281	3/24/2012	Property Damage	4:30 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23227697	3/30/2012	Property Damage	6:20 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	North	North	
23255579	4/4/2012	Property Damage	7:13 PM	Backing	Daylight	Clear	Ped not involved	None indicated	Improper backing		Gas Station		
22712891	4/30/2012	Property Damage	3:19 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Driver inattention	South	North	North	
23255773	5/18/2012	Injury	5:36 PM	Pedestrian	Daylight	Clear	Ped involved	Sobriety Unknown	None	South	North		
23291709	6/1/2012	Property Damage	5:27 PM	Left Turn	Daylight	Clear	Ped not involved	Sobriety Unknown	Disregarded traffic signal/Failed to yield right of way		Northwest	South	
23306202	6/17/2012	Property Damage	12:33 PM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		North	Northeast	
23306228	6/29/2012	Property Damage	3:12 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Excessive speed/Following too closely	South	North	North	
23306229	6/29/2012	Property Damage	3:57 PM	Rear end	Daylight	Clear	Ped not involved	Sobriety Unknown	Driver inattention	South	North	North	
23315319	7/25/2012	Property Damage	5:31 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	Southeast	Southeast	
23315511	7/25/2012	Property Damage	2:10 AM	Fixed object	Dark-Lighted	Clear	Ped not involved	None indicated	Driver inattention	West	Southwest		
23315320	7/27/2012	Property Damage	8:48 PM	Rear end	Dark-Lighted	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23306212	8/17/2012	Property Damage	2:54 PM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way		Southeast	North	
23315591	9/25/2012	Property Damage	9:00 AM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Improper lane change	West	Northeast	Northeast	
23315355	10/18/2012	Property Damage	11:20 AM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		North	Northwest	
23255600	11/14/2012	Property Damage	11:59 AM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	

Appendix D: N Prince St/Commerce Way Collision Diagram

Commerce Way & Prince St.

44 Accidents

01/01/10 - 12/31/12



(clear filter), (1) accidents with insufficient data for display

← Straight	▭ Parked	⊗ Pedestrian	Fixed objects:	
← Stopped	←~ Erratic	⊗ Bicycle	□ General	▣ Pole
← Unknown	←~ Out of control	○ Injury	▣ Signal	▣ Curb
←↔ Backing	↘ Right turn	⊙ Fatality	▣ Tree	⊗ Animal
←↔↔ Overtaking	↙ Left turn	💡 Nighttime	◁ 3rd vehicle	
←↔↔ Sideswipe	↻ U-turn	🚗 DUI	✳ Extra data	

Appendix E: N Prince St/E 21st Street Crash Summary

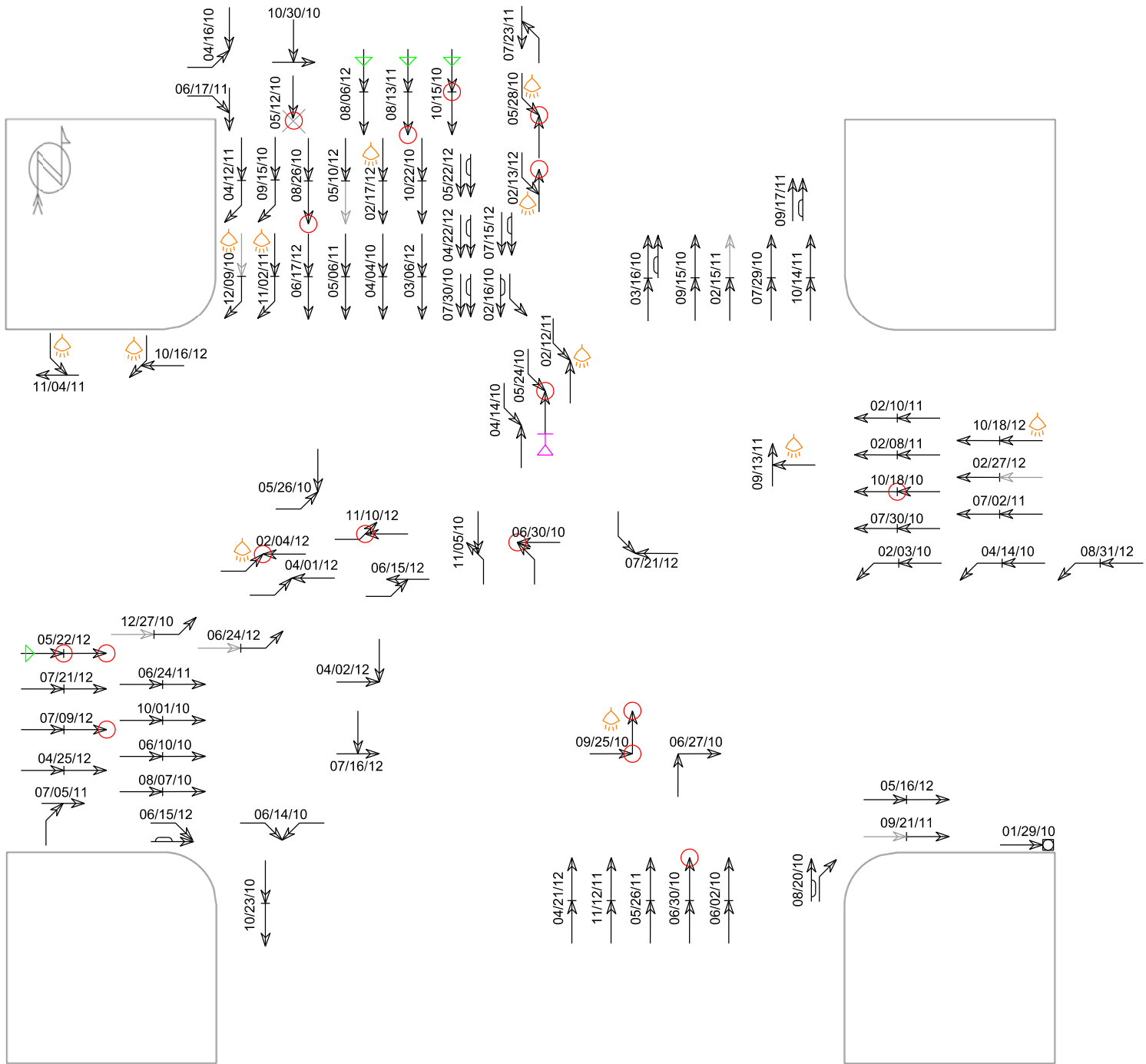
3-YEAR CRASH HISTORY FOR 21ST & PRINCE (2010-2012)													
CASE ID	DATE	SEVERITY	TIME	CRASH TYPE	LIGHT	WEATHER	PED INV	ALC INV	TOP C FACC	DIR FROM INT	V1 DIREC	V2 DIREC	V3 DIRECT
23204656	1/10/2010	Property Damage	1:04 AM	Backing	Dark-Lighted	Clear	Ped not involved	Consumed Alcohol	Improper Backing	North	Parking Lot	Parking Lot	
23205780	1/29/2010	Property Damage	12:15 PM	Fixed Object	Daylight	Clear/Snow-Ice	Ped not involved	None indicated	Speed too fast for conditions	East	East	East	
23204662	2/3/2010	Property Damage	4:38 PM	Rear End	Dusk	Snowing	Ped not involved	None indicated	Speed too fast for conditions	West	East	East	
23204577	2/16/2010	Property Damage	12:55 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Improper Overtaking	North	Southeast	South	
23204791	3/16/2010	Property Damage	12:21 PM	Sideswipe/Rear end	Daylight	Clear	Ped not involved	None indicated	Improper lane change	North	North	North	North
22712880	4/4/2010	Property Damage	12:45 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Improper lane change	North	South	South	
23204637	4/14/2010	Property Damage	8:03 AM	Left Turn	Daylight	Clear/Wet	Ped not involved	None indicated	Failed to yield right of way		North	South	
23204641	4/14/2010	Property Damage	3:30 PM	Rear End	Daylight	Clear/Wet	Ped not involved	None indicated	Speed too fast for conditions	East	Southwest	Southwest	
23204913	4/16/2010	Property Damage	2:29 PM	DWY-Left Turn	Daylight	Raining	Ped not involved	None indicated	Failed to yield right of way	North	South	South	
23206025	5/12/2010	Injury	1:30 PM	Pedestrian	Daylight	Clear	Ped involved	None indicated	No crosswalk	North	South	East	
23204507	5/24/2010	Injury	6:49 PM	Left Turn	Daylight	Clear	Ped not involved	Consumed Alcohol	Failed to yield right of way		Southeast	North	
23283026	5/26/2010	Property Damage	1:57 PM	Left Turn	Daylight	Clear	Ped not involved	Sobriety Unknown	Made improper turn		Northeast	Southeast	
23206141	5/28/2010	Injury	8:53 PM	DWY-Left Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Failed to yield right of way	North	Southwest	North	
23204807	6/2/2010	Property Damage	6:58 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Driver inattention	South	North	North	
23283048	6/10/2010	Injury	3:48 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	
23204898	6/14/2010	Property Damage	7:43 AM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Made improper turn		Southeast	Southwest	
23283054	6/30/2010	Injury	10:44 AM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		Northwest	West	
23189824	6/30/2010	Injury	5:35 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	West	West	
23179516	7/29/2010	Property Damage	1:37 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	North	North	
23283178	7/30/2010	Property Damage	3:04 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Improper lane change	North	South	South	
23204838	7/30/2010	Property Damage	4:38 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	East	West	West	
23283203	8/7/2010	Property Damage	12:40 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	
23204725	8/20/2010	Property Damage	4:30 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Other no driver error	South	Northeast	North	
232831112	2/26/2010	Injury	12:00 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23228130	9/15/2010	Property Damage	4:18 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Other mech, defect	North	North	North	
23283272	9/25/2010	Injury	9:46 PM	Angle	Dark-Lighted	Clear	Ped not involved	None indicated	Disregarded traffic signal		North	East	
23205668	10/1/2010	Property Damage	7:59 AM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	
23283374	10/15/2010	Injury	12:16 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	South
23228003	10/18/2010	Injury	1:11 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	East	West	West	
23227985	10/22/2010	Property Damage	5:19 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23228030	10/23/2010	Property Damage	11:00 AM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	South	South	
23227991	10/30/2010	Property Damage	5:25 PM	DWY	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way	North	East	South	
23227992	11/5/2010	Property Damage	4:55 PM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way		Northwest	South	
23140389	12/9/2010	Property Damage	8:49 PM	Rear End	Dark-Lighted	Clear	Ped not involved	Sobriety Unknown	Following too closely	North	Southwest	Southwest	
23227904	12/27/2010	Property Damage	12:00 PM	Rear End	Daylight	Clear	Ped not involved	Sobriety Unknown	Following too closely	West	Northeast	Northeast	
23291279	2/8/2011	Property Damage	4:01 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	East	West	West	
23291182	2/10/2011	Property Damage	3:20 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	East	West	West	
23227894	2/12/2011	Property Damage	8:57 PM	Left Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Failed to yield right of way		Southeast	North	
23291352	2/15/2011	Property Damage	5:00 PM	Rear End	Daylight	Clear	Ped not involved	Sobriety Unknown	Improper lane change	North	Northeast	Northeast	
23291606	4/12/2011	Property Damage	5:18 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	Southwest	Southwest	
23291557	5/6/2011	Property Damage	7:09 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23205792	5/26/2011	Property Damage	2:40 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23291208	6/17/2011	Property Damage	5:13 PM	DWY-Right Turn	Daylight	Clear	Ped not involved	Sobriety Unknown	Failed to yield right of way	North	South	South	
23291430	6/24/2011	Property Damage	12:37 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Driver inattention	West	East	East	
23291431	7/2/2011	Property Damage	2:28 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Driver inattention	East	West	West	
23291508	7/5/2011	Property Damage	12:44 PM	DWY-Right Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way	West	East	East	
231179742	7/23/2011	Property Damage	3:53 PM	DWY-Left Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way	North	North	South	
23288749	8/13/2011	Injury	12:52 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	South
23291482	9/13/2011	Property Damage	7:20 PM	Angle	Dark-Lighted	Clear	Ped not involved	None indicated	Driver inattention		West	North	
23288277	9/17/2011	Property Damage	11:39 AM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Avoid hitting another vehicle	North	North	North	
23288573	9/21/2011	Property Damage	6:24 PM	Rear End	Dusk	Clear	Ped not involved	Sobriety Unknown	Failed to yield right of way	East	East	East	
23255241	10/14/2011	Property Damage	2:45 PM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	North	North	
23288353	11/2/2011	Property Damage	6:43 PM	Rear End	Dark-Lighted	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23283287	11/4/2011	Property Damage	7:11 PM	DWY-Left Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Failed to yield right of way	West	East	West	
23227863	11/12/2011	Property Damage	10:51 AM	Rear End	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23288286	1/23/2012	Property Damage	7:52 PM	Backing	Dark-Lighted	Clear	Ped not involved	None indicated	Improper backing	Northwest	Parking Lot	Parking Lot	
23288373	2/4/2012	Injury	6:36 PM	Left Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Failed to yield right of way		Northeast	West	
23288595	2/13/2012	Injury	6:47 PM	DWY-Left Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Failed to yield right of way	North	Southeast	North	
23288679	2/17/2012	Property Damage	6:04 PM	Rear end	Dark-Lighted	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23315276	2/27/2012	Property Damage	2:00 PM	Rear end	Daylight	Clear	Ped not involved	Sobriety Unknown	Following too closely	East	West	West	
23288425	3/6/2012	Property Damage	3:38 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23288423	4/1/2012	Property Damage	2:27 PM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way		Northeast	West	
23288295	4/2/2012	Property Damage	3:17 PM	Angle	Daylight	Clear	Ped not involved	None indicated	Driver had seizure		Southwest	East	
23255419	4/21/2012	Property Damage	12:32 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	South	North	North	
23288422	4/22/2012	Property Damage	6:46 PM	Sideswipe	Dusk	Clear	Ped not involved	None indicated	Improper lane change	North	South	South	
23315683	4/25/2012	Property Damage	9:05 AM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	
23315552	5/10/2012	Property Damage	9:32 AM	Rear end	Daylight	Clear	Ped not involved	Sobriety Unknown	Following too closely	North	South	South	
23315558	5/16/2012	Property Damage	2:30 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Driver inattention	East	East	East	
232554462	5/22/2012	Property Damage	5:10 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way	North	South	South	
23315293	5/22/2012	Injury	4:50 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	

23315568	6/15/2012	Property Damage	1:08 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Made improper turn	West	Southeast	East	
23291736	6/15/2012	Property Damage	6:36 PM	Left Turn	Daylight	Raining	Ped not involved	None indicated	Failed to yield right of way		East	West	
23255373	6/17/2012	Property Damage	2:57 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
233153371	6/24/2012	Property Damage	6:00 PM	Rear end	Daylight	Clear	Ped not involved	Sobriety Unknown	Following too closely	West	Northeast	Northeast	
23315572	6/27/2012	Property Damage	7:30 AM	Angle	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		North	West	
23306183	7/6/2012	Property Damage	9:00 AM	Angle	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		East	South	
23315661	7/9/2012	Injury	3:20 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	
23315402	7/15/2012	Property Damage	12:25 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way	North	South	South	
23255393	7/21/2012	Property Damage	10:00 AM	Angle	Daylight	Clear	Ped not involved	None indicated	Disregarded traffic signal		Southwest	Southeast	
23255337	7/21/2012	Property Damage	8:00 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	West	East	East	
23306158	8/6/2012	Property Damage	1:16 PM	Rear end	Daylight	Clear	Ped not involved	None indicated	Following too closely	North	South	South	
23291714	8/31/2012	Property Damage	6:50 PM	Rear end	Dusk	Clear	Ped not involved	None indicated	Following too closely	East	Southwest	Southwest	
23315162	9/13/2012	Property Damage	1:02 PM	Sideswipe	Daylight	Clear	Ped not involved	None indicated	Made improper turn	West	Northeast	Northeast	
23227624	10/16/2012	Property Damage	7:00 PM	DWY-Right Turn	Dark-Lighted	Clear	Ped not involved	None indicated	Failed to yield right of way	West	West	West	
23255391	10/18/2012	Property Damage	6:51 PM	Rear end	Dark-Lighted	Clear	Ped not involved	None indicated	Driver inattention	East	West	West	
23315479	11/10/2012	Injury	11:53 AM	Left Turn	Daylight	Clear	Ped not involved	None indicated	Failed to yield right of way		Northeast	West	

Appendix F: N Prince St/E 21st Street Collision Diagram

84 Accidents

21st St. & Prince St. 01/01/10 - 12/31/12



(clear filter), (2) accidents with insufficient data for display

← Straight	▭ Parked	⊗ Pedestrian	Fixed objects:
← Stopped	⚡ Erratic	⊗ Bicycle	□ General
← Unknown	⚡ Out of control	○ Injury	▣ Signal
↔ Backing	↗ Right turn	⊙ Fatality	▣ Tree
↔ Overtaking	↖ Left turn	🕒 Nighttime	⊠ Pole
↔ Sideswipe	↻ U-turn	🚔 DUI	⊠ Curb
			⊠ Animal
			◁ 3rd vehicle
			* Extra data