

Road Safety Assessment

Downtown Woonsocket, RI



SEPTEMBER 2019

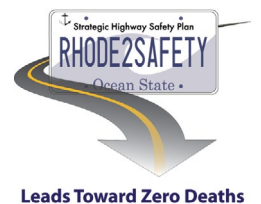


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1

Introduction

The Highway Safety Improvement Program (HSIP) was created under Section 1401 of SAFETEA-LU with the purpose of reducing traffic fatalities and serious injuries on public roadways. The Moving Ahead for Progress in the 21st Century Act (MAP-21) then the Fixing America's Surface Transportation (FAST) Act provided continuations of the HSIP, which is authorized under United States Code Title 23 Section 148 (23 U.S.C. 148). As part of the Rhode Island Department of Transportation (RIDOT) HSIP, RIDOT has created several programs that target specific safety improvements such as Roadway Departure, Intersection Safety, Safety Corridor, Interchange Improvements, RI*STARS, Vulnerable Road User, Local Safety, and Safety Data Collection programs.

In order for the state to reach its goals set forth in their Strategic Highway Safety Plan (SHSP) to halve fatalities and serious injuries by 2030, the RIDOT developed the Safety Corridor – Road Diet and Vulnerable Road User Programs to mitigate crash issues on state- and locally-maintained roadways as well as provide funding (when available) to implement crash measures.

The goal of the programs has been to target roadway segments with high frequencies of crashes for roadway safety assessments. The downtown Woonsocket area was identified for a Road Safety Assessment (RSA) due to the high number of vulnerable road user crashes that occurred in the area during the 5-year period from 2013-2017. The study area presents a hazard for vulnerable road users (pedestrians, cyclists, and motorcycle operators) as evident by the abnormally high rate of vulnerable user crashes. These crashes tend to have a higher severity than crashes involving two or more passenger vehicles.

Throughout the downtown area, signing and striping should be audited and assessed for clarity. Many crosswalks in the area are faded and signage for school zones and parking restrictions are not consistent or clear. Pedestrians in the area generally do not abide by the existing road crossing regulations, which may be in part due to the substandard crosswalk conditions.

For all locations investigated as part of the HSIP, RIDOT conducts a Road Safety Assessment (RSA) where RIDOT and an interdisciplinary team evaluate existing conditions and identify possible factors contributing to crash history and severity at these locations. The findings are then prioritized in order of perceived importance and associated with potential opportunities for targeted improvement/corrective mitigation. The potential improvements to be considered are either spot or systemic and are categorized as immediate-, near-, or long-term, representing the timeframe in which they should or could be implemented.

1.1 Study Area

Woonsocket, Rhode Island is a city located in Providence County, south of the Massachusetts state line. The study area consists of Downtown Woonsocket – Main Street, Social Street and Clinton Street (one-way pair), Hamlet Avenue, Truman Drive, and Park Avenue as well as connecting side streets Worrall Street and John A Cummings Way. Truman Drive has a speed limit of 30 miles per hour and all other streets named have a speed limit of 25 miles per hour.

› **Main Street**

Main Street is a two-lane (one lane in each direction) street that runs northeast through Downtown Woonsocket. The City of Woonsocket City Hall is located at the intersection of Main Street and Court Street. The street has six midblock crossings and three Rhode Island Public Transit Authority (RIPTA) bus stops. There is northbound on-street parking south of the intersection with Court Street, and parking on both sides north of Court Street.

› **Social Street**

Social Street is a two-lane, one-way street running west and parallel to Clinton Street. The street has four midblock crossings and four RIPTA bus stops. There is westbound parking available west of Earle Street on the south side of the street.

› **Clinton Street**

Clinton Street is a two-lane, one-way street running east and parallel to Social Street. The street has two midblock crossings and four RIPTA bus stops. There is eastbound parking located on the south side of the street between Court Street and Truman Drive and between Veterans Parkway and John A Cummings Way.

› **Hamlet Avenue**

Hamlet Avenue is a two-lane (one lane in each direction) street with east-west orientation. It connects Clinton Street to Cumberland Street. There are no midblock crossings or RIPTA bus stops. On-street parking is available westbound.

› **Truman Drive**

Truman Drive is a four-lane (two lanes in each direction) street with a north-south orientation. It connects Bernon Street to Clinton Street. There are no midblock crossings, RIPTA bus stops or on-street parking spots. The street includes a four-foot raised median between the northbound and southbound lanes.

› **Park Avenue**

Park Avenue is a two-lane (one lane in each direction) street connecting Hamlet Avenue to Smithfield Road. This RSA examines Park Avenue from Willow Street to Hamlet Avenue. Within these limits, there is one midblock crossing and no RIPTA bus stops. On-street parking is located on the west side of the street between Carrington Avenue and Willow Street.

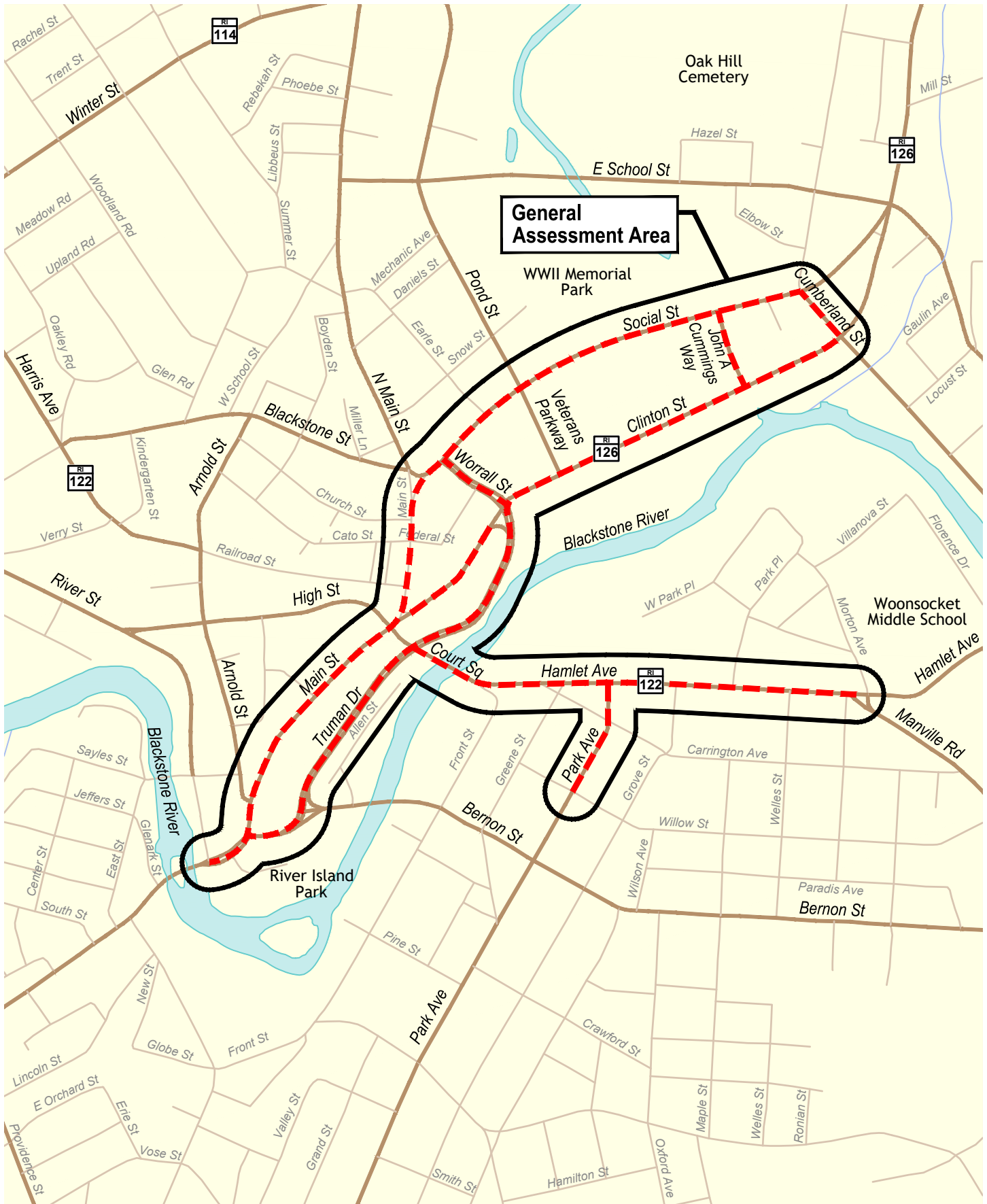
› **Worrall Street**


Worrall Street is a four-lane (two lanes in each direction) street connecting Social Street, Truman Drive, and Clinton Street. There are no midblock crossings or RIPTA bus stops and on-street parking is not available.

› **John A Cummings Way**

John A Cummings Way is a two-lane (one lane in each direction) street connecting Social Street and Clinton Street. There are no midblock crossings. There is one RIPTA bus stop and on-street parking located on the east and west sides of the street.

Figure 1-1 depicts the location of the study area.



 Roadway in Assessment Area



General Assessment Area
Downtown Woonsocket Area
Woonsocket, Rhode Island

Figure 1-1



 0 800 Feet



2

Roadway Safety Assessment

2.1 Objective of Road Safety Assessments



The FHWA defines a Roadway Safety Assessment (RSA) as a “formal safety performance evaluation of an existing or future road or intersection by an independent, multidisciplinary team”. RSAs are a valuable tool for transportation agencies to evaluate road safety issues contributing to injuries and deaths and to identify opportunities for improvement. The success of RSAs has led to the FHWA including the RSA process as one of its prior nine “proven safety countermeasures”.

Some element of safety is considered in every project; however, sometimes conditions merit a more detailed safety review. RSAs examine these conditions in detail by pulling together an interdisciplinary team that looks at the issues from different perspectives – perspectives that are often not a part of a traditional safety review. RSAs also consider safety from a human factor point of view, which aims to answer the following questions:

- › How and why are people reacting to the roadway conditions?
- › What do people sense and how do they react to those senses?
- › What are the associated risks with those elements?

2.2 Road Safety Assessment Interdisciplinary Team

An interdisciplinary team approach is a key factor in the success of Roadway Safety Assessment. Interactions between all road users (e.g., pedestrians and motor

vehicles, commuter traffic and recreational vehicle traffic, bicycles and motor vehicles, etc.) are investigated to determine potential risks and to identify programs and measures to help reduce those risks and create safer environments for all road users. By working with an interdisciplinary team of stakeholders the views of each of the unique users can be captured and integrated into solutions and countermeasures.

The Interdisciplinary RSA Team for the assessment consisted of engineers and stakeholders from the City of Woonsocket, the Rhode Island Department of Transportation (RIDOT), the Rhode Island Department of Transportation Office on Highway Safety (RIDOT OHS), the Federal Highway Administration (FHWA), and local businesses. Representatives from VHB facilitated the RSA which was conducted on February 5th 2019. The members of the RSA team are as follows:

- › Chief Thomas F. Oates III – Woonsocket Police Department
- › Thomas Calouro – Woonsocket Police Department
- › Gregory Klocek – Woonsocket Police Department
- › Ian McElwee – City of Woonsocket, Department of Planning & Development
- › Carl Johnson – City of Woonsocket, Office of the Zoning Official and A.D.A. Compliance Office
- › Frank Riccio – RIDOT
- › Sean Raymond – RIDOT, Managing Engineer, Office of Safety
- › Kelsey Lynch – RIDOT OHS
- › Richard Sullivan – RIDOT Law Enforcement Highway Safety Liason
- › Andrew – RIDOT OHS
- › Jason Farias – RIDOT OHS
- › Wilfred Hernandez – FHWA
- › Russ Olivo – “The Call” newspaper reporter
- › Peter Pavao – VHB
- › Skye Levin – VHB
- › Kayla Cabral – VHB
- › David Peterson – VHB
- › Hailey Medeiros – VHB

2.3 Crash Analysis

Crash data for the assessment area was provided by the Rhode Island Department of Transportation (RIDOT) for the six-year period between January 1, 2013 and December 31, 2018. Crashes were first analyzed for a typical five-year period from 2013 to 2017, however there was an uptick in fatal and vulnerable road user crashes that led to the inclusion of data from 2018 in the analysis. The crashes were reviewed by severity and crash type. Severity is measured using the KABCO method

which assigns a severity type to each crash. K-type crashes result in a fatality, A-type crashes result in an incapacitating injury, B-type crashes result in an evident injury, C-type crashes result in complaints of pain, and O-type crashes result in property damage only.

Throughout the study area, there were a total of six hundred and twenty-five (625) crashes in the 6-year period spanning from 2013 to 2018. Out of those crashes, two (<1%) were fatal K-type crashes, six (1%) were A-type crashes, twenty (20) of the crashes (3%) were B-type crashes, one hundred and thirteen (113) of the crashes (18%) were C-type crashes, while the remaining four hundred and eighty four (484) crashes (77%) resulted in property damage only. The majority of the crashes during this period were either angle crashes (32%) or rear end crashes (35%). Emphasis areas for the crashes during this period highlighted intersection related crashes (62%), crashes involving elderly drivers (17%), and roadway departure crashes (10%).

Thirty-seven (37) crashes (6%) in the downtown Woonsocket area involved vulnerable road users. The category of vulnerable road users is comprised of pedestrians, cyclists and motorcycle operators. Twenty-two (22) vulnerable road user crashes (3.5%) involved pedestrians, twelve (12) crashes (1.9%) involved cyclists, and five (<1%) involved motorcycle operators.

Figures 2-1 and **Figure 2-2** provide a summary of the crash severities and crash types for the downtown Woonsocket area studied. **Appendix A** provides a detailed summary of the crash data.

Figure 2-3 provides a vulnerable road user crash summary detailing crashes within downtown Woonsocket.

Figure 2-1 Crash Severity Summary for Downtown Woonsocket

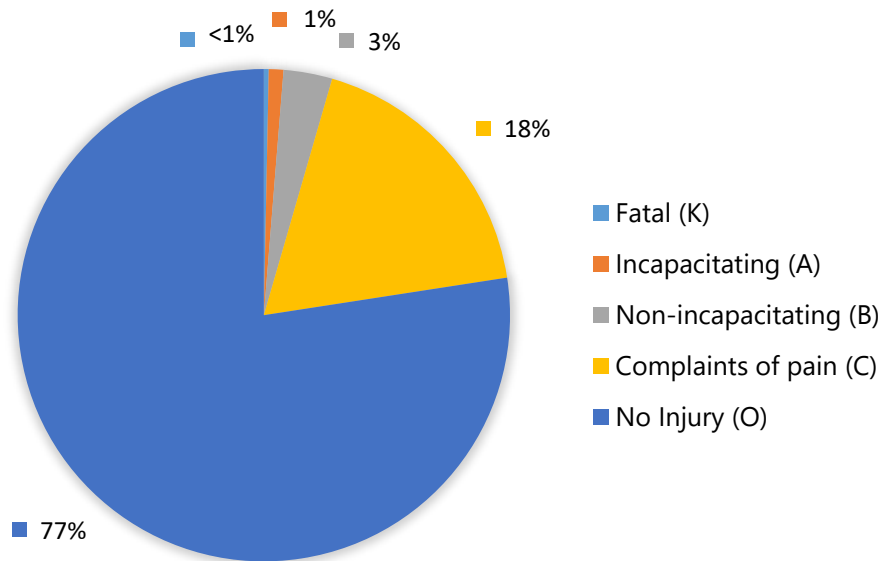
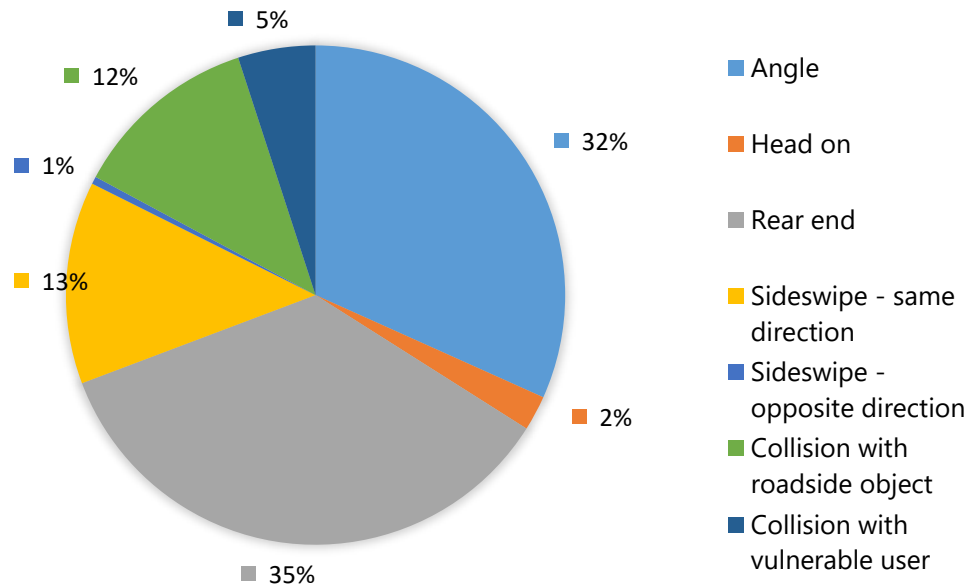
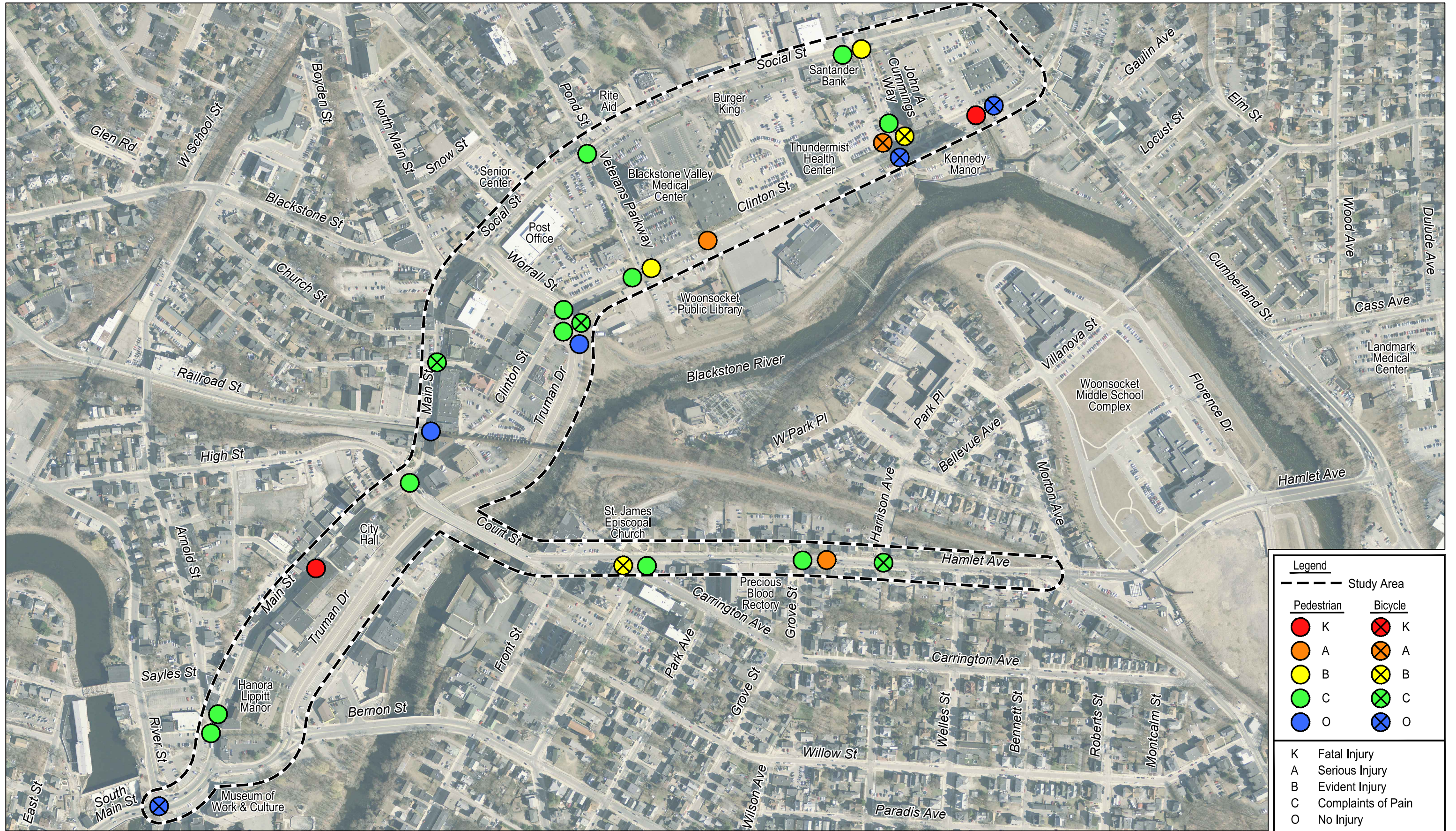


Figure 2-2 Crash Type Summary for Downtown Woonsocket





Legend	
--- Study Area	
Pedestrian	Bicycle
● K	⊠ K
● A	⊠ A
● B	⊠ B
● C	⊠ C
● O	⊠ O
K Fatal Injury A Serious Injury B Evident Injury C Complaints of Pain O No Injury	

Source:
 Crash data provided by RIDOT Traffic Research unit.
 Crash data provided dates from 2013 through 2018.

- Study Area Trends**
- 28 Vulnerable Road User Crashes
 - 9 Bicycle Involved Crashes
 - 19 Pedestrian Involved Crashes
 - 43% during night-time lighting conditions



Downtown Woonsocket RSA
 Vulnerable Road User Crash Summary
 Woonsocket, Rhode Island



Figure 2-3

2.4 RSA Findings and Suggestions for Improvement

Based on a review of the provided crash data and of the existing field conditions, the RSA participants identified several key safety-related findings within the assessment area. These findings were prioritized in order of perceived importance and associated with potential opportunities for targeted improvement/corrective mitigation.

Table 2-1 summarizes the findings and suggestions for the downtown Woonsocket area.

Table 2-1 Summary of RSA Findings and Suggestions for Downtown Woonsocket

OBSERVATION	IMMEDIATE TERM IMPROVEMENTS Under 6 months	NEAR TERM IMPROVEMENTS Under 2 years	LONGER TERM IMPROVEMENTS Over 2 years	COMMENTS
<p>Inadequate signage – Sparse signage throughout study area corridors poorly informs drivers of roadway operations.</p> 	<p>ENGINEERING:</p> <p>1.1 Conduct a comprehensive sign audit to verify sign size/height, retro-reflectivity, current sign standards, consistency, need, redundancy, and unnecessary signs. Revise signs accordingly.</p> <p>1.2 Install supplemental street name signage to enhance the visibility of intersections to approaching drivers.</p>			<p>Existing signage in the Downtown Woonsocket area was inventoried in January 2019 to determine the need for future safety improvements.</p>
<p>General Maintenance Issues – Several maintenance issues were observed along the corridor such as pavement, sidewalk, signage, and striping damage.</p> 	<p>ENGINEERING:</p> <p>1.3 Consider restriping crosswalks as needed where pavement markings are faded or damaged with the state standard continental style.</p> <p>1.4 Exposed sign breakaway posts should be removed or repaired, as necessary.</p> <p>1.5 Inventory existing sidewalk condition.</p> <p>1.6 Clear the debris along all study area roadways.</p>			<p>The City of Woonsocket should coordinate with future developers to incorporate safety improvements.</p> <p>Maintenance issues should be incorporated in future work orders through RIDOT for repair.</p>

OBSERVATION

School Zone Visibility– Existing public and charter schools along Hamlet Street, Social Street, Worrall Street, and Main Street lack proper signage and striping to inform drivers they are operating in a school zone.





IMMEDIATE TERM IMPROVEMENTS Under 6 months	NEAR TERM IMPROVEMENTS Under 2 years	LONGER TERM IMPROVEMENTS Over 2 years	COMMENTS
<p>ENGINEERING:</p> <p>1.7 Consider installation of in-road crosswalk signs to increase crosswalk visibility at high use locations.</p> <p>1.8 Install school zone sign assembly per the MUTCD.</p> <p>1.9 Install “school crossing ahead” pavement markings to increase crosswalk visibility in high use locations.</p> <p>1.10 Consider creating a school drop off/pick up plan to provide an area for vehicles to wait rather than queuing on Social Street and continuously circulating around the block.</p> <p>EDUCATION:</p> <p>1.11 Consider developing an educational brochure to disseminate to parents regarding the designated parking areas for drop-off/pick-up. It is necessary to develop materials to accommodate bilingual households.</p> <p>1.12 Consider developing an education brochure to distribute to students regarding the use of crosswalks.</p>	<p>ENGINEERING:</p> <p>1.13 Install bump-out at the intersection of Hamlet Avenue at Harrison Avenue to reduce pedestrian exposure and improve sight lines between vehicles and pedestrians.</p> <p>1.14 Install dynamic speed feedback signs to discourage speeding near schools.</p>	<p>ENGINEERING:</p> <p>1.15 Consider installing raised crosswalks in school zones for increased crosswalk visibility and to reduce speeds in the school zone.</p> <p>1.16 Consider rectangular rapid flashing beacons at school zone crossings for increased crosswalk visibility.</p>	<p>Noncompliant or non-existing school zone signage and pavement markings should be incorporated in future work orders through RIDOT for resolution.</p> <p>Longer term improvement shall only be considered when immediate and near term countermeasures have not mitigated existing issues.</p> <p>Coordinate with the State Traffic Commission to request the installation of rectangular rapid flashing beacons. Further analysis will be required to determine if installation is feasible.</p>



OBSERVATION

Inadequate Vulnerable Road User Facilities and Accommodations – Non-compliant and non-existent pedestrian facilities were observed that could be a travel barrier and prevent pedestrians from having appropriate access to desired destinations. Drivers do not behave with an awareness of other roadway users, specifically pedestrians and bicyclists. Additionally, pedestrians were observed to be non-compliant with roadway regulations.



IMMEDIATE TERM IMPROVEMENTS Under 6 months	NEAR TERM IMPROVEMENTS Under 2 years	LONGER TERM IMPROVEMENTS Over 2 years	COMMENTS
<p>EDUCATION:</p> <p>1.17 Consider a “Yield to Pedestrians” educational campaign to instruct drivers to yield to pedestrians in crosswalks.</p> <p>ENFORCEMENT:</p> <p>1.18 Enforce State Law prohibiting parking within 30 feet of a crosswalk and 20 feet of side streets, and any other no parking zones. See Item 1.24.</p> <p>1.19 Enforce State Law stating vehicles must stop for pedestrians within crosswalks.</p> <p>ENGINEERING:</p> <p>1.20 Review existing pedestrian signal equipment to identify and resolve any issues or malfunctions.</p> <p>1.21 Inventory existing crosswalk locations throughout the study area to determine the need for consolidation or reconsideration of location to accommodate pedestrian desire lines including bus stop locations.</p> <p>1.22 Install continental style pavement markings at all marked crosswalks.</p> <p>1.23 Enhance crossings with “PED X-ING AHEAD” pavement markings that are compliant with the MUTCD.</p> <p>1.24 Install No Parking signs 30 feet from crosswalks and 20 feet from side streets to reinforce State Law.</p>	<p>ENGINEERING:</p> <p>1.25 Reconstruct all non-compliant sidewalks and wheelchair ramps with an ADA compliant design. Ensure no pinch points less than 36” and appropriate sidewalk slopes throughout the corridor. Incorporate these improvements into existing and future redevelopment projects.</p> <p>1.26 Install pedestrian signal heads with countdown timers, APS pushbuttons, and detectable warning panels at all signalized crossings. If there are no existing pedestrian phases programmed, revise traffic signal timings to incorporate the appropriate pedestrian phases.</p> <p>1.27 Consider the installation of a crosswalk and installation of rectangular rapid flashing beacons (RRFB) at high volume crossings throughout the study area.</p> <p>1.28 Consider coordinating with RIPTA to relocate or consolidate bus stop locations throughout Downtown Woonsocket.</p>	<p>ENGINEERING:</p> <p>1.29 Consider a High Intensity Crosswalk (HAWK) at midblock crossing locations with high pedestrian volumes for higher visibility.</p>	<p>Longer term improvement shall only be considered when immediate and near term countermeasures have not mitigated existing issues.</p> <p>Coordinate with the State Traffic Commission to request the installation or relocation of a crosswalk. Further analysis will be required to determine if installation is feasible.</p> <p>After the RSA, the City of Woonsocket DPW installed RRFB units at two crossings within the study area. The RRFBs are located on Main Street and Social Street.</p> <p>Item 1.26 – If pedestrian phases are not provided, traffic analysis is required to determine the feasibility.</p>

OBSERVATION	IMMEDIATE TERM IMPROVEMENTS Under 6 months	NEAR TERM IMPROVEMENTS Under 2 years	LONGER TERM IMPROVEMENTS Over 2 years	COMMENTS
<p>Bicycle Accommodations – There are no marked bicycle lanes throughout the Downtown Woonsocket study area.</p> 	<p>EDUCATION:</p> <p>1.30 Consider an educational campaign to instruct drivers to watch for and share the road with cyclists.</p> <p>ENGINEERING:</p> <p>1.31 Consider bicycle lane pavement markings and signage as described in Chapter 9 of the MUTCD.</p> <p>1.32 If bicycle lanes are implemented, provide enhanced pavement markings at signalized intersection to guide bicyclists through the intersection and driveways.</p>	<p>ENGINEERING:</p> <p>1.33 Consider a Road Diet along Clinton Street and Social Street, which would repurpose the existing roadway width to provide a buffered bicycle lane, bus berths, or on-street parking.</p> <p>1.34 Revise City of Woonsocket Comprehensive Plan to include bicycle accommodations.</p>	<p>ENGINEERING:</p> <p>1.35 Consider developing a City bicycle plan.</p>	
<p>Signalized Intersection Modifications – The signalized intersections throughout the study area were observed to have antiquated equipment.</p> <p>Due to closely spaced signalized intersections and other traffic control devices, vehicles could block intersections, which may increase driver frustration.</p> 	<p>ENGINEERING:</p> <p>1.36 Coordinate traffic signal timing, as needed, between intersections that are closely spaced.</p> <p>1.37 Revise traffic signal timings to provide more efficient operations.</p> <p>1.38 Conduct inventory of existing signal equipment to determine deficiencies, as well as identify potential improvements.</p> <p>1.39 Install “Don’t Block the Box” pavement markings and signage at signalized intersections throughout the study area, as needed, to prohibit intersection blocking.</p>	<p>ENGINEERING:</p> <p>1.40 Consider revising traffic signal timings to accommodate bicycle detection and modify clearance times.</p> <p>1.41 Consider the installation of retro-reflective signal head backplates to enhance visibility.</p>		<p>Coordinate with existing projects in design and construction.</p>

OBSERVATION	IMMEDIATE TERM IMPROVEMENTS Under 6 months	NEAR TERM IMPROVEMENTS Under 2 years	LONGER TERM IMPROVEMENTS Over 2 years	COMMENTS
<p>High vehicle speeds – Vehicles appear to be traveling at a high rate of speed throughout Downtown Woonsocket. Higher speeds can result in crashes of higher severity and inadequate gaps for vehicles entering the mainline of traffic. Speed limit signage is inconsistent or inadequately installed throughout the corridor.</p> 	<p>ENGINEERING:</p> <p>1.42 Remove existing speed limit signs and install new speed limit signs spaced more appropriately.</p> <p>ENFORCEMENT:</p> <p>1.43 Consider a speed enforcement campaign throughout Downtown Woonsocket to discourage speeding.</p>	<p>ENGINEERING:</p> <p>1.44 Install dynamic speed feedback signs to discourage speeding along Downtown Woonsocket corridors.</p> <p>1.45 Restripe corridors with 11-foot travel lanes in order to narrow lanes, enhance multimodal facilities, and better designate parking areas.</p> <p>1.46 Consider traffic calming techniques.</p>	<p>ENGINEERING:</p> <p>1.47 Enhance the visual features of the corridor to discourage high rates of speeds and foster a more downtown tone.</p>	<p>Since the completion of the Road Safety Assessment, a speed study was completed as described in Chapter 3.</p>
<p>Access management – Multiple curb cuts and driveways throughout Downtown Woonsocket create conflict points for vehicles and vulnerable road users. Many vehicles are utilizing side streets to access traverse between Social Street and Clinton Street, resulting in higher traffic volumes and speeds.</p> 	<p>ENFORCEMENT:</p> <p>1.48 Consider police enforcement throughout Downtown Woonsocket to encourage compliance with posted regulations.</p>	<p>ENGINEERING:</p> <p>1.49 Consolidate driveways of local businesses to eliminate conflict points between vehicles and vulnerable road users.</p>	<p>ENGINEERING:</p> <p>1.50 Consider evaluating the current roadway network to meet the City goals of revitalizing the Downtown Woonsocket area.</p> <p>1.51 Consider the conversion of Main Street from the intersection of Court Street to the intersection of South Main Street from a two-way roadway to a one-way roadway.</p>	<p>Coordinate with businesses throughout the study area to encourage efficient access management.</p>



3

Countermeasure Implementation

All recommendations from this RSA have been reviewed and vetted by the assessment team. This chapter provides a high-level evaluation of the proposed mitigation measures for implementation feasibility and appropriateness.

3.1 Implementation Plan

Table 3-1 presents the implementation plan for the RSA recommendations, including the timeframe in which each recommendation could reasonably be implemented. In addition, the table lists the “Safety Benefit - Costs” (where applicable) and the status of the recommendation.

The “Safety Benefit-Cost” column is a preliminary determination of the actual safety benefit expected as well as the cost to implement each recommendation made by the RSA team. Safety benefit estimates are subjective and may be based on the relative percent of crashes that may be reduced by the enhancement based on site specific crash data, statewide systemic crash trends, and known and documented crash reduction factors. Implementation costs are order-of-magnitude estimates based on recent contracts and other sources. The following exhibit illustrates the general guidance uses when making this determination.

Safety Benefit	Implementation Costs
High – Enhancement greatly reduces (>20%) crash types and severities experienced and/or addresses high risk facility types.	High – > \$100K
Medium – Enhancement reduces (<20%) crash types and severities experienced or addresses high risk facility types.	Medium – \$10K - \$100K
Low – Enhancement offers general safety benefits but not directly related to crash types and severities experienced or high-risk facility types.	Low – <\$10K

3.2 Funding

The implementation of recommendations is contingent on available funding. Per the Fixing America's Transportation (FAST) Act legislation, the RIDOT is responsible for the reduction of fatalities and serious injuries on all public roadways, regardless of ownership. Therefore, the RIDOT has the potential to provide partial or full funding for several of the improvements identified in this report as part of the Safety Corridor Road Diet Program and the Vulnerable Road User Program.

Any funding requested to implement the recommendations listed in the RSA should go through the HSIP Eligibility request process, which requires justification of the projected safety benefits for recommended improvements. RIDOT will then determine if it is eligible for HSIP funds and distribute the funds needed (dependent on availability) so that the design and/or construction of the improvements can be administered.

Table 3-1 Implementation Matrix

Mitigation Measures	Timeframe			Preliminary Costs	Status
	Immediate Term	Near Term	Long Term		
1.0 Downtown Woonsocket Area					
1.1 Conduct a comprehensive sign audit to verify sign size/height, retro-reflectivity, current sign standards, consistency, need, redundancy, and unnecessary signs. Revise signs accordingly.	X			Medium Benefit – Low Cost	
1.2 Install supplemental street name signage to enhance the visibility of intersections to approaching drivers.	X			Medium Benefit – Low Cost	
1.3 Consider restriping crosswalks as needed where pavement markings are faded or damaged with the state standard continental style.	X			Medium Benefit – Low Cost	
1.4 Exposed sign breakaway posts should be removed or repaired, as necessary.	X			Low Benefit – Medium Cost	
1.5 Inventory existing sidewalk condition.	X			Low Benefit – Low Cost	
1.6 Clear the debris along all study area roadways.	X			n/a	
1.7 Consider installation of in-road crosswalk signs to increase crosswalk visibility at high use locations.	X			Low Benefit – Low Cost	
1.8 Install school zone sign assembly per the MUTCD.	X			Medium Benefit – Low Cost	
1.9 Install “school crossing ahead” pavement markings to increase crosswalk visibility in high use locations.	X			Low Benefit – Low Cost	
1.10 Consider creating a school drop off/pick up plan to provide an area for vehicles to wait rather than queuing on Social Street and continuously circulating around the block.	X			n/a	

Mitigation Measures	Timeframe			Preliminary Costs	Status
	Immediate Term	Near Term	Long Term		
1.11 Consider developing an educational brochure to disseminate to parents regarding the designated parking areas for drop-off/pick-up. It is necessary to develop materials to accommodate bilingual households.	X			n/a	
1.12 Consider developing an education brochure to distribute to students regarding the use of crosswalks.	X			n/a	
1.13 Install bump-out at the intersection of Hamlet Avenue at Harrison Avenue to reduce pedestrian exposure and improve sight lines between vehicles and pedestrians.		X		Medium Benefit – Medium Cost	
1.14 Install dynamic speed feedback signs to discourage speeding near schools.		X		Medium Benefit – Medium Cost	
1.15 Consider installing raised crosswalks in school zones for increased crosswalk visibility and to reduce speeds in the school zone.			X	Low Benefit – Low Cost	
1.16 Consider rectangular rapid flashing beacons at school zone crossings for increased crosswalk visibility.			X	Medium Benefit – Low Cost	
1.17 Consider a “Yield to Pedestrians” educational campaign to instruct drivers to yield to pedestrians in crosswalks.	X			n/a	
1.18 Enforce State Law prohibiting parking within 30 feet of a crosswalk and 20 feet of side streets, and any other no parking zones. See Item 1.24.	X			n/a	
1.19 Enforce State Law stating vehicles must stop for pedestrians within crosswalks.	X			n/a	

Mitigation Measures	Timeframe			Preliminary Costs	Status
	Immediate Term	Near Term	Long Term		
1.20 Review existing pedestrian signal equipment to identify and resolve any issues or malfunctions.	X			Low Benefit – Low Cost	
1.21 Inventory existing crosswalk locations throughout the study area to determine the need for consolidation or reconsideration of location to accommodate pedestrian desire lines including bus stop locations.	X			Low Benefit – Low Cost	
1.22 Install continental style pavement markings at all marked crosswalks.	X			Medium Benefit – Low Cost	
1.23 Enhance crossings with “PED X-ING AHEAD” pavement markings that are compliant with the MUTCD.	X			Medium Benefit – Low Cost	
1.24 Install No Parking signs 30 feet from crosswalks and 20 feet from side streets to reinforce State Law.	X			Low Benefit – Low Cost	
1.25 Reconstruct all non-compliant sidewalks and wheelchair ramps with an ADA compliant design. Ensure no pinch points less than 36” and appropriate sidewalk slopes throughout the corridor. Incorporate these improvements into existing and future redevelopment projects.		X		Medium Benefit – Medium Cost	
1.26 Install pedestrian signal heads with countdown timers, APS pushbuttons, and detectable warning panels at all signalized crossings. If there are no existing pedestrian phases programmed, revise traffic signal timings to incorporate the appropriate pedestrian phases.		X		High Benefit – High Cost	

Mitigation Measures	Timeframe			Preliminary Costs	Status
	Immediate Term	Near Term	Long Term		
1.27 Consider the installation of a crosswalk and installation of rectangular rapid flashing beacons (RRFB) at high volume crossings throughout the study area.		X		High Benefit – Medium Cost	
1.28 Consider coordinating with RIPTA to relocate or consolidate bus stop locations throughout Downtown Woonsocket.		X		n/a	
1.29 Consider a High Intensity Crosswalk (HAWK) at midblock crossing locations with high pedestrian volumes for higher visibility.			X	High Benefit – Medium Cost	
1.30 Consider an educational campaign to instruct drivers to watch for and share the road with cyclists.	X			n/a	
1.31 Consider bicycle lane pavement markings and signage as described in Chapter 9 of the MUTCD.	X			Medium Benefit – Low Cost	
1.32 If bicycle lanes are implemented, provide enhanced pavement markings at signalized intersection to guide bicyclists through the intersection and driveways.	X			Medium Benefit – Low Cost	
1.33 Consider a Road Diet along Clinton Street and Social Street, which would repurpose the existing roadway width to provide a buffered bicycle lane, bus berths, or on-street parking.		X		High Benefit – High Cost	
1.34 Revise City of Woonsocket Comprehensive Plan to include bicycle accommodations.		X		Low Benefit – Low Cost	
1.35 Consider developing a City bicycle plan.			X	Low Benefit – Low Cost	

Mitigation Measures	Timeframe			Preliminary Costs	Status
	Immediate Term	Near Term	Long Term		
1.36 Coordinate traffic signal timing, as needed, between intersections that are closely spaced.	X			High Benefit – Low Cost	
1.37 Revise traffic signal timings to provide more efficient operations.	X			High Benefit – Low Cost	
1.38 Conduct inventory of existing signal equipment to determine deficiencies, as well as identify potential improvements.	X			Low Benefit – Low Cost	
1.39 Install “Don’t Block the Box” pavement markings and signage at signalized intersections throughout the study area, as needed, to prohibit intersection blocking.	X			Low Benefit – Low Cost	
1.40 Consider revising traffic signal timings to accommodate bicycle detection and modify clearance times.		X		Medium Benefit – Low Cost	
1.41 Consider the installation of retro-reflective signal head backplates to enhance visibility.		X		Medium Benefit – Low Cost	
1.42 Remove existing speed limit signs and install new speed limit signs spaced more appropriately.	X			Low Benefit – Low Cost	
1.43 Consider a speed enforcement campaign throughout Downtown Woonsocket to discourage speeding.	X			n/a	
1.44 Install dynamic speed feedback signs to discourage speeding along Downtown Woonsocket corridors.		X		Medium Benefit – Medium Cost	
1.45 Restripe corridors with 11-foot travel lanes in order to narrow lanes, enhance multimodal facilities, and better designate parking areas.		X		Medium Benefit – Low Cost	
1.46 Consider traffic calming techniques.		X		n/a	

Mitigation Measures	Timeframe			Preliminary Costs	Status
	Immediate Term	Near Term	Long Term		
1.47 Enhance the visual features of the corridor to discourage high rates of speeds and foster a more downtown tone.			X	Low Benefit – Low Cost	
1.48 Consider police enforcement throughout Downtown Woonsocket to encourage compliance with posted regulations.	X			n/a	
1.49 Consolidate driveways of local businesses to eliminate conflict points between vehicles and vulnerable road users.		X		Low Benefit – High Cost	
1.50 Consider evaluating the current roadway network to meet the City goals of revitalizing the Downtown Woonsocket area.			X	n/a	
1.51 Consider the conversion of Main Street from the intersection of Court Street to the intersection of South Main Street from a two-way roadway to a one-way roadway.			X	Low Benefit – High Cost	

3.3 Supporting Data

3.3.1 Speed Study

In order to implement design recommendations in the downtown Woonsocket area, speed studies were first conducted to determine eligibility for each consideration.

The posted speed limit along each street within the study area of downtown Woonsocket is 25 mph, with the exception of Truman Street which has a speed limit of 30 mph. Speed measurements were collected by VHB on Wednesday, January 9, 2019 at the following locations:

- › Clinton Street at the Woonsocket Public Library
- › Hamlet Avenue at Greene Street
- › Main Street at Ascension Street
- › Social Street at John A Cummings Way
- › Truman Drive at Main Street Cafe
- › Park Avenue at Carrington Avenue

The speed measurements were collected during off peak periods using a radar gun. The 85th percentile speeds were determined from this study. The 85th percentile speed is a speed at or below which 85 percent of the observed traffic on the roadway travel and is used as a typical measure of free flow speed in the traffic engineering profession. **Table 3-2** shows the results of the speed study.

Table 3-2 Speed Data Summary

	Posted Speed Limit (mph)	85th Percentile Speed (mph)	Average Speed (mph)
Clinton Street at the Woonsocket Public Library			
Eastbound	25	32	30
Hamlet Avenue at Greene Street			
Eastbound	25	30	27
Westbound	25	29	26
Main Street at Ascension Street			
Northbound	25	22	19
Southbound	25	25	21
Social Street at John A Cummings Way			
Westbound	25	31	27
Truman Drive at Main Street Café			
Eastbound	30	34	29
Westbound	30	36	31
Park Avenue at Carrington Avenue			
Northbound	25	28	24
Southbound	25	28	25

As shown in **Table 3-2**, the 85th percentile speed on Clinton street is 7 mph higher than the posted speed limit in the eastbound direction. On Hamlet Avenue, the 85th percentile speed is 5 mph higher than the posted speed limit in the eastbound direction, and 4 mph higher in the westbound direction. On Main Street, the 85th percentile speeds are at or below the posted speed limit. On Social Street, the 85th percentile speed is 6 mph higher than the posted speed limit in the westbound direction. On Truman Drive, the 85th percentile speed is 4 mph higher than the posted speed limit in the eastbound direction and 6 mph higher in the westbound direction. On Park Avenue, the 85th percentile speeds in the northbound and southbound directions are 3 mph higher than the posted speed limit. Note that Clinton Street and Social Street are parallel, one-way roadways running in opposite directions. The full results from the speed study can be found in **Appendix B**.

3.3.2 Crosswalk Evaluation

Prior to the RSA, all crosswalks within the study location were evaluated for consistency and deficiencies. In some locations, it was observed that crosswalks were faded or otherwise striped in a zebra or standard style. Crosswalks along Main Street were designed with a mix of solid and standard styles, consisting of red brick bordered on both sides by white striping.

Data was gathered for each crosswalk within the study area including the length of crossing, number of lanes crossed, distance to the nearest crosswalk, crosswalk location and any ADA compliant features. The sidewalks in this study included those at midblock locations as well as unsignalized intersections. The results of these evaluations can be found in **Table 3-3**.

Table 3-3 Crosswalk Evaluation Summary

Location	No. of Lanes	Length of Crossing	Type	Dist. to Nearest Crosswalk	Meets MUTCD Minimum Signage	Relevant pavement markings Present?	Sidewalk Present?	ADA Accommodations Present?	Proximity to Pedestrian Generator(s)	Recommendation
Main St at Arnold St	2	32' 5"	Midblock	>200'	No	Yes	Yes	Yes	Nursing home, bus stop, shopping	Improve crosswalk markings
Main St at Main St Café	2	32' 5"	Midblock	>200'	No	Yes	Yes	Yes	Shopping, bus stop	Improve crosswalk markings
Main St at City Hall	2	32' 2"	Midblock	>200'	No	Yes	Yes	Yes	Bus stop	Improve crosswalk markings
Clinton St at railroad tracks	1	30'	Midblock	>200'	No	Yes	Yes	Yes	Bus stop	Improve crosswalk markings
Clinton St at Veterans Parkway	2	34.5'	Unsignalized Intersection	>200'	No	Yes	Yes	Yes	Bus stop, library, police station	Improve crosswalk markings
Clinton St at Kennedy Manor	2	33.5'	Midblock	≤200'	Yes	Yes	Yes	Yes	Nursing home, Walgreens	Consider consolidating
Social St at Cummings Way	2	30' 6"	Unsignalized Intersection	>200'	No	Yes	Yes	Yes	Shopping center	Improve crosswalk markings
Social St at Santander Bank	2	30'	Midblock	>200'	No	Yes	Yes	Yes	Shopping center	Improve crosswalk markings
Social St at WWII Memorial	2	31.5'	Midblock	>200'	Yes	Yes	Yes	Yes	Rite Aid, shopping center	Improve crosswalk markings
Social St at Worrall St	2	43.5'	Midblock	>200'	No	Yes	Yes	Yes	Stores, restaurants	Improve crosswalk markings
Main St at Blackstone St	2	36'	Midblock	≤200'	Yes	Yes	Yes	Yes	Theatre, stores, restaurants	Consider consolidating
Hamlet Ave at Court St	2	60'	Unsignalized Intersection	≤200'	No	Yes	Yes	Yes	Bike path	Improve crosswalk markings
Hamlet Ave at C.T. Plus	2	35.5'	Unsignalized Intersection	≤200'	No	Yes	Yes	Yes	Bike path	Improve crosswalk markings
Hamlet Ave at Harrison Ave	2	31' 1"	Unsignalized Intersection	>200'	No	Yes	Yes	Yes	Houses	Consider installing RRFB

The results of the crosswalk evaluation are based on RIDOT's Pedestrian Crossing Guidance flowchart. At the crosswalk locations in this study area, it is assumed that the volume of pedestrians crossing is high (greater than 100 pedestrians crossing daily) due to the proximity of high pedestrian generators. At locations where crosswalks are less than 200 feet apart, consolidation of crossings should be considered in order to decrease the potential for accidents involving pedestrians, as drivers may not stay alert for crossings this close together. Crosswalk improvements include advance warning signage on both approaches, pedestrian crossing signage with diagonal downwards pointing arrows at the crosswalks as well as restriping crosswalks in the continental style for increased visibility. At the intersection of Hamlet Avenue and Harrison Avenue, the installation of rectangular rapid flashing beacons (RRFB) should be considered. This area has a high volume of children crossing in order to get to the Woonsocket Middle Schools located north of this intersection. Due to these factors, supplemental improvements should be considered to increase safety.

3.4 Findings

The following considerations should be reviewed in determining the feasibility and appropriateness of implementing the proposed mitigation measures.

3.4.1 Countermeasure Effectiveness

3.4.1.1 Road Diet

A road diet would adjust the number of lanes on Social Street and Clinton Street from two lanes in one direction to one lane with room for additional facilities such as bike lanes or buffered bike lanes.

The Crash Modification Factor (CMF) Clearinghouse provides a crash modification factor for narrowing a cross section, which suggests that reducing lane width using this approach would reduce the number of total crashes on a corridor by 37 percent across all crash types and severities¹.

Likely outcomes of implementing a road diet that could lead to a reduction in crashes are reduced vehicle travel speeds due to the reduction in lanes, reduced driver workload due to fewer lanes and driving maneuvers, reduced number of conflict points for turning in or out of side streets and driveways, and more easily identifiable gaps because vehicles have fewer lanes to consider while making a turn.

¹ "Narrow cross section (4 to 3 lanes with two way left-turn lane)" Crash Modification Factor Clearinghouse. US Department of Transportation, Federal Highway Administration. <http://www.cmfclearinghouse.org/detail.cfm?facid=874>. Accessed: October 10, 2016.

A road diet is recommended along both Social Street and Clinton Street. A capacity analysis shall be performed to determine the feasibility of the road diet.

3.4.1.2 Rectangular Rapid Flashing Beacon (RRFB)

Lack of pedestrian visibility was observed during the downtown Woonsocket RSA. Rectangular Rapid Flashing Beacons (RRFBs) at key pedestrian crossings within the study area are the recommended countermeasure.

Rectangular Rapid Flashing Beacons (RRFBs) are user activated LEDs that supplement MUTCD compliant warning signs at unsignalized intersections or mid-block crosswalks. The system can be activated manually by a push button or by a passive system.

The CMF Clearinghouse provides limited information on the impact RRFBs have on crashes. As a surrogate for reduction in crashes, studies have reviewed their impact to quantify benefits of the installation of RRFBs. Specifically, FHWA and the State of Florida studied the benefits of the installation².

FHWA concluded that:

- › RRFBs are a low-cost alternative to traffic signals and HAWK signals that are proven to increase driver yielding behavior at crosswalks.
- › The stutter flash of the RRFB may have a greater response from drivers than traditional methods.
- › From the study completed in Florida, yielding behavior was increased from 18 percent to 81 percent from converting a no-beacon arrangement to a beacon system mounted on the supplementary warning sign on the right side of the crossing.

RRFBs should be considered at crosswalk locations that may pose a higher risk of pedestrian incidents. Crosswalk locations that span more than two lanes, are in areas with high speed limits, or serve pedestrian generators such as a school or an assisted living home should be considered for an RRFB if there is a trend of crashes at the location.

3.4.1.3 Buffered Bicycle Lanes

During the RSA, it was observed that there is a lack of visibility of existing bicycle facilities along the roadways in Downtown Woonsocket. In order to accommodate those that will be commuting by bicycle rather than walk or opt for transit, buffered bicycle lanes are recommended as the countermeasure to reduce the potential for vehicle-bicycle related crashes. Also, a buffered bicycle lane is separated from the adjacent general-purpose travel lane or parking lane by a pattern of standard longitudinal markings. The buffer area may include chevron or diagonal markings and may be placed on the one of both sides of the bicycle lane.

² "Rectangular Rapid Flash Beacon (RRFB)" Frederick, Michael and Rice, Ed, FHWA-SA-09-009. May 2009.

The CMF Clearinghouse does not provide an appropriate CMF for a buffered bicycle lane, therefore a bicycle lane CMF was reviewed. The CMF Clearinghouse provides information concerning the impact on crashes that the installation of bicycle lane has within urban areas. The Clearinghouse provides a CMF for “Install cycle tracks, bike lanes, or on-street cycling”³. Although bicycle lanes are not the same as the recommended countermeasure of buffered bicycle lanes due to the fact that a buffer is not present, a buffered bicycle lanes would likely enhance safety further.

The CMF Clearinghouse concluded that:

- › The installation of a unidirectional bicycle lane has the potential to reduce vehicle-bicycle related injury crashes up to 59 percent.
- › By providing a separate facility rather than a shared facility for bicycles, it allows the roadway to be delineated for each mode of transportation.

The National Association of City Transportation Officials (NACTO) Urban Street Design Guide studied the installation of buffered bike lanes.

The guide determined that separated bike lanes:

- › Encourage bicycling by contributing to the perception of comfort and safety.
- › Provide a space for bicycles to ride that is outside of the automobile door zone and provides a vertical element to separate the bicycle and travel lanes.

The buffered bicycle lane would reduce the opportunity for vehicle-bicycle related crashes. Buffered bicycle lanes should be considered as part of future development in the downtown area of Woonsocket. When considering a road diet along Clinton Street and Social Street, redesigning these lanes while concurrently implementing a road diet would give sufficient room for installation.

3.4.1.4 Dynamic Speed Display (Feedback) Signs

Research shows mixed outcomes concerning the use of dynamic speed display signs. These signs are electronic and are used to supplement a posted speed limit sign. The electronic face of the sign displays a driver’s speed to the driver and may flash to alert drivers that are exceeding the speed limit.

The Crash Modification Factor Clearinghouse provides a CMF for ‘Installing a Changeable Speed Warning Sign’⁴ of 0.54, meaning that 46 percent of crashes could be eliminated through the installation of a dynamic speed feedback sign. Beyond this data, little information is available on the direct benefits in terms of crash reductions yielded by a dynamic speed feedback sign.

As a surrogate for reduction in crashes, many studies have reviewed the direct benefits to speed reduction that a dynamic speed feedback sign can provide.

³ “Install cycle tracks, bike lanes, or on-street cycling” Crash Modification Factor Clearinghouse. US Department of Transportation, Federal Highway Administration. <http://www.cmfclearinghouse.org/detail.cfm?facid=4102>. Accessed: November 29, 2016.

⁴ “Install changeable Speed Warning Sign” Crash Modification Factor Clearinghouse. US Department of Transportation, Federal Highway Administration. <http://www.cmfclearinghouse.org/detail.cfm?facid=78>. Accessed: August 25, 2016.

Reductions in speed should translate into reductions in crash severity and ultimately a reduction in total crashes.

One application for speed feedback signs that has been studied is use in a rural transition area where rural highways slow down and transition into town centers. These zones typically require speed limit changes from 45-55 mph to 25-30 mph. These facilities could be two lane or greater than two lane roadways.

A 2012 TRB study by Veneziano et. al.⁵ summarizes the results of studies from Iowa (Hallmark, 2013) and Minnesota (Sandberg, 2008) which showed that long term speed reductions due to permanent dynamic speed feedback installations can range from 2 mph-9 mph one year following installation. A wide range of impacts such as this suggests that the impacts of dynamic speed feedback signs is inconclusive.

The speed limit for all roadways within the study area is 25 miles per hour, with the exception of Truman Drive which is 30 miles per hour. Since there is nowhere in the study area that undergoes a dramatic drop or increase in posted speed limit, it is recommended to consider the implementation of a portable dynamic speed display sign. This provides an advantage to the City of Woonsocket in that the speed limit enforcement tactics are not limited to a single location by a permanent sign.

3.4.1.5 Traffic Signal Timing Modifications

Typically, at the signalized intersections, the signal design is determined based on the operating characteristics of vehicles. However, with the addition of bicycle lanes at a signalized intersection, signal timing improvements are necessary to accommodate the speeds and behavior of bicyclists.

Although there is no countermeasure provided for the revision of signal timing modifications with bicycle considerations, *The Guide for Development of Bicycle Facilities* (2012) provides insight on the signal parameters that should be modified. The following signal parameters should be reviewed and calculated to accommodate bicycles traveling through a signalized intersection:

- › Minimum Green: Bicycles have a longer start up time compared to vehicles which requires a longer minimum green time to accommodate start up and clearing the intersection.
- › All-Red Interval: Due to slower operating speeds, bicycles need a longer all-red interval to approach and/or pass beyond the far side of the intersection.
- › Extension Time: Once a bicycle is detected, the extension time provides enough green time for the bicycle to clear the intersection before the conflicting traffic is provided a green indication.
- › Detection system: Various detection systems are offered for bicycle lanes at signalized intersections including but not limited to inductive loops or video detection.

⁵ Veneziano, et. al. "Guidance for Radar Speed Sign Deployments", Transportation Research Board, Washington D.C., 2012.

Traffic signal modifications are critical when incorporating an additional user to the intersection. These modifications are recommended at the following intersections:

- › Clinton Street at John A Cummings Way
- › Clinton Street at Truman Drive
- › Clinton Street at Main Street
- › Clinton Street at Cumberland Street
- › Social Street at Cumberland Street
- › Social Street at Veterans Parkway
- › Social Street at Worrall Street

Appendix A – Crash Data

Woonsocket RSA 1/1/2013 - 12/31/2018

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
301079	3/20/2014	Thursday	6:48 AM	South Main St	River St	SB	Intersection		Daylight	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Distracted Driving
310276	6/9/2014	Monday	4:53 PM	South Main St	River St	SB	Intersection	5 F/A	Daylight	Clear	Collision with Vulnerable User	Vehicle-Bicycle	O	Vulnerable Road Users
327424	10/31/2014	Friday	4:26 PM	South Main St	River St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
328053	6/27/2014	Friday	1:26 AM	South Main St	River St	SB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Impaired Driving
328107	11/6/2014	Thursday	8:09 AM	South Main St	River St	NB	Intersection	0	Daylight	Cloudy	Rear end	Vehicle-Vehicle	C	Intersection
423125	9/14/2016	Wednesday	1:59 PM	River St	South Main St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
435415	1/3/2017	Tuesday	5:03 PM	River St	South Main St	EB	Intersection	0	Dark - Lighted	Rain	Head on	Vehicle-Vehicle	O	Intersection
446460	3/25/2017	Saturday	10:07 PM	South Main St	River St	NB	Intersection	130 F/W	Dark - Not Lighted	Fog, smog, smoke	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
455556	5/23/2017	Tuesday	5:11 PM	South Main St	River St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
460888	6/21/2017	Wednesday	7:28 PM	South Main St	River St	SB	Intersection	0 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
463733	6/25/2017	Sunday	3:17 PM	South Main St	River St	EB	Intersection	5 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
479134	11/11/2017	Saturday	7:57 PM	South Main St	River St	WB	Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
448910	4/13/2017	Thursday	4:42 PM	Arnold St	Main St		Intersection	150 F/S	Daylight	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
293508	1/23/2014	Thursday	4:29 PM	Truman Dr	Bernon St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	None
310549	3/24/2014	Monday	10:32 PM	Bernon St	Truman Dr	NB	Intersection	0 F/A	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
305549	5/3/2014	Saturday	2:39 PM	Truman Dr	Bernon St	NB	Segment	2000 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
306911	5/14/2014	Wednesday	12:05 AM	Bernon St	Truman Dr	WB	Intersection	0	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
310281	6/9/2014	Monday	11:15 PM	Truman Dr	Bernon St	NB	Intersection	0	Dark - Lighted	Rain	Angle	Vehicle-Vehicle	O	Intersection
315718	7/16/2014	Wednesday	6:44 PM	Bernon St	Truman Dr	NB	Intersection	0	Daylight	Clear	Head on	Vehicle-Vehicle	O	Intersection
317610	8/12/2014	Tuesday	12:17 PM	Bernon St	Truman Dr	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
324256	10/7/2014	Tuesday	7:25 PM	Truman Dr	Bernon St	NB	Segment	1000 F/N	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
334247	12/22/2014	Monday	4:10 PM	Bernon St	Truman Dr	SB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
355454	5/25/2015	Monday	11:33 AM	Bernon St	Truman Dr	EB	Intersection	150 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
380172	11/14/2015	Saturday	10:48 PM	Truman Dr	Bernon St	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	C	Intersection
381049	12/4/2015	Friday	11:01 AM	Bernon St	Truman Dr	EB	Intersection	0 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
410863	7/16/2016	Saturday	1:06 AM	Bernon St	Truman Dr	NB	Intersection	10 F/A	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	B	Roadway Departure
425946	10/25/2016	Tuesday	8:47 AM	Truman Dr	Bernon St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
431125	10/30/2016	Sunday	2:42 PM	Bernon St	Truman Dr	SB	Intersection	0	Daylight	Rain	Angle	Vehicle-Vehicle	O	Intersection
455118	5/3/2017	Wednesday	4:15 PM	Truman Dr	Bernon St	EB	Intersection	0	Daylight	Clear	Head on	Vehicle-Vehicle	O	Older Drivers
455132	5/8/2017	Monday	4:19 PM	Truman Dr	Bernon St	EB	Intersection	0 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
456180	5/31/2017	Wednesday	10:39 AM	Truman Dr	Bernon St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
460906	6/28/2017	Wednesday	9:35 AM	Bernon St	Truman Dr	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
463495	7/23/2017	Sunday	7:39 AM	Bernon St	Truman Dr	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
472386	9/26/2017	Tuesday	9:19 PM	Truman Dr	Bernon St	NB	Intersection	0	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
475881	10/24/2017	Tuesday	9:55 PM	Truman Dr	Bernon St	NB	Intersection	0	Dark - Lighted	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
476938	10/31/2017	Tuesday	6:24 PM	Truman Dr	Bernon St	WB	Segment	500 F/E	Dark - Not Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	A	Roadway Departure
482421	12/8/2017	Friday	9:33 PM	Bernon St	Truman Dr	EB	Intersection	0	Dark - Lighted	Clear	Head on	Vehicle-Vehicle	C	Intersection
297727	2/19/2014	Wednesday	7:20 PM	Main St	N Main St	SB	Intersection	0	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Roadway Departure
422941	10/10/2016	Monday	3:51 PM	N Main St	Blackstone St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
430818	10/30/2016	Sunday	5:29 PM	N Main St	Blackstone St	NB	Intersection	0	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	C	Intersection
374196	10/1/2015	Thursday	7:25 PM	Social St	Chester St	NB	Intersection	0	Dark - Lighted	Rain	Angle	Vehicle-Vehicle	O	Intersection
441675	2/19/2017	Sunday	4:25 PM	Social St	Chester St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
460847	4/27/2017	Thursday	10:10 AM	Social St	Chester St	NB	Intersection	50 F/N	Daylight	Clear	Head on	Vehicle-Vehicle	C	Distracted Driving
460859	5/17/2017	Wednesday	3:20 PM	Social St	Chester St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
476785	10/30/2017	Monday	5:43 PM	Social St	Chester St	NB	Intersection	75 F/S	Dusk	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
382731	1/5/2015	Monday	11:12 AM	Main St	Church St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
389582	2/5/2016	Friday	6:49 PM	Main St	Church St	SB	Intersection	0	Dark - Lighted	Sleet, Hail	Rear end	Vehicle-Vehicle	O	Intersection
445407	2/24/2017	Friday	3:26 PM	Main St	Church St	SB	Intersection	20 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
467499	8/3/2017	Thursday	9:41 AM	Main St	Church St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
289291	9/28/2015	Monday	4:11 PM	Cumberland St	Clinton St	NB	Intersection	100 F/N	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
294292	1/29/2014	Wednesday	7:19 PM	Clinton St	Cumberland St	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	C	Intersection
296025	2/6/2014	Thursday	8:17 AM	Clinton St	Cumberland St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
296029	2/6/2014	Thursday	11:35 AM	Clinton St	Cumberland St	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
300676	3/16/2014	Sunday	7:46 PM	Clinton St	Cumberland St	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	C	Intersection
302386	4/1/2014	Tuesday	4:36 PM	Clinton St	Cumberland St	SB	Intersection	100 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
313891	7/8/2014	Tuesday	3:17 PM	Cumberland St	Clinton St	NB	Intersection	150 F/S	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
318994	8/24/2014	Sunday	12:01 PM	Cumberland St	Clinton St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
322339	9/21/2014	Sunday	11:41 PM	Cumberland St	Clinton St	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
326079	10/21/2014	Tuesday	8:45 PM	Cumberland St	Clinton St	WB	Intersection	0	Dark - Not Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
329276	11/12/2014	Wednesday	8:32 PM	Clinton St	Cumberland St	WB	Intersection	0	Dark - Unknown	Clear	Angle	Vehicle-Vehicle	O	Intersection
332494	12/10/2014	Wednesday	4:40 PM	Cumberland St	Clinton St	NB	Intersection	0	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
332761	12/12/2014	Friday	4:41 PM	Cumberland St	Clinton St	NB	Intersection	10 F/N	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	C	Intersection
346238	3/10/2015	Tuesday	5:12 AM	Cumberland St	Clinton St	SB	Intersection	50 F/S	Dark - Lighted	Clear	Other (animal, etc.)	Vehicle-Fixed Object	O	Roadway Departure
347453	3/4/2015	Wednesday	9:57 AM	Cumberland St	Clinton St	WB	Intersection	0	Daylight	Cloudy	Angle	Vehicle-Vehicle	A	Intersection
355436	5/25/2015	Monday	12:10 AM	Clinton St	Cumberland St	NB	Intersection	0	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	C	Roadway Departure
360572	6/23/2015	Tuesday	4:16 PM	Cumberland St	Clinton St	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
381308	3/7/2015	Saturday	10:37 AM	Clinton St	Cumberland St	NB	Segment	500 F/N	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
387319	1/14/2016	Thursday	4:10 PM	Cumberland St	Clinton St	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
388458	1/28/2016	Thursday	10:18 AM	Clinton St	Cumberland St	EB	Intersection	50 F/W	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
389430	2/5/2016	Friday	11:26 AM	Cumberland St	Clinton St	NB	Intersection	0	Daylight	Snow	Rear end	Vehicle-Vehicle	C	Intersection
391492	2/19/2016	Friday	3:37 PM	Cumberland St	Clinton St	NB	Intersection	50 F/S	Daylight	Clear	Other (animal, etc.)	Vehicle-Vehicle	O	Intersection
391931	2/24/2016	Wednesday	1:37 PM	Clinton St	Cumberland St	NB	Intersection	0	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
404708	6/2/2016	Thursday	6:55 AM	Cumberland St	Clinton St	EB	Intersection	0	Daylight	Cloudy	Angle	Vehicle-Vehicle	O	Intersection
407356	6/20/2016	Monday	7:56 AM	Clinton St	Cumberland St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
409769	7/7/2016	Thursday	1:13 PM	Cumberland St	Clinton St	SB	Intersection	50 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
413773	7/28/2016	Thursday	7:26 PM	Cumberland St	Clinton St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
413810	8/5/2016	Friday	4:25 PM	Clinton St	Cumberland St	EB	Intersection	100 F/S	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
427200	11/5/2016	Saturday	2:46 PM	Cumberland St	Clinton St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
429695	10/18/2016	Tuesday	4:08 PM	Clinton St	Cumberland St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
434973	12/24/2016	Saturday	6:40 PM	Clinton St	Cumberland St	WB	Intersection	0 F/A	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
441067	1/13/2017	Friday	8:22 AM	Cumberland St	Clinton St	EB	Intersection	5 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
441086	1/31/2017	Tuesday	9:32 AM	Cumberland St	Clinton St	SB	Intersection	50 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
442789	2/15/2017	Wednesday	10:56 AM	Cumberland St	Clinton St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
445406	2/23/2017	Thursday	3:50 PM	Clinton St	Cumberland St	NB	Segment	400 F/N	Daylight	Clear	Head on	Vehicle-Vehicle	O	Intersection
448461	4/11/2017	Tuesday	7:18 PM	Clinton St	Cumberland St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Impaired Driving
449333	4/15/2017	Saturday	8:56 PM	Clinton St	Cumberland St	NB	Intersection	0	Dark - Lighted	Rain	Angle	Vehicle-Vehicle	O	Intersection
455138	5/10/2017	Wednesday	5:56 PM	Clinton St	Cumberland St	NB	Intersection	0 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
456586	6/3/2017	Saturday	10:51 PM	Cumberland St	Clinton St	EB	Intersection	0 F/A	Dark - Lighted	Clear	Angle	Vehicle-Motorcycle	A	Roadway Departure
457757	5/22/2017	Monday	7:52 AM	Cumberland St	Clinton St	NB	Intersection	0 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
460881	6/19/2017	Monday	4:49 PM	Clinton St	Cumberland St	EB	Intersection	100 F/A	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
463715	5/13/2017	Saturday	9:25 AM	Cumberland St	Clinton St	WB	Intersection	200 F/W	Daylight	Cloudy	Angle	Vehicle-Vehicle	O	Intersection
465711	8/10/2017	Thursday	9:34 PM	Clinton St	Cumberland St	NB	Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
470239	9/11/2017	Monday	8:57 AM	Cumberland St	Clinton St		Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	None
473618	10/9/2017	Monday	10:53 AM	Clinton St	Cumberland St	NB	Intersection	40 F/S	Daylight	Rain	Angle	Vehicle-Vehicle	O	Intersection
473996	9/29/2017	Friday	1:39 PM	Cumberland St	Clinton St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
475469	10/20/2017	Friday	6:31 PM	Clinton St	Cumberland St	NB	Intersection	300 F/S	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
475721	10/23/2017	Monday	7:43 PM	Clinton St	Cumberland St	EB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
481542	12/3/2017	Sunday	6:44 PM	Cumberland St	Clinton St	SB	Intersection	0 F/A	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	B	Intersection
482104	12/6/2017	Wednesday	7:58 AM	Clinton St	Cumberland St	EB	Intersection	0	Daylight	Cloudy	Rear end	Vehicle-Vehicle	O	Intersection
482466	12/9/2017	Saturday	1:42 PM	Clinton St	Cumberland St	NB	Intersection	200 F/S	Daylight	Snow	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
488285	12/28/2017	Thursday	12:03 PM	Cumberland St	Clinton St	NB	Intersection	200 F/N	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
339463	2/3/2015	Tuesday	8:52 AM	Clinton St	Cummings Way	EB	Segment	1000 F/W	Daylight	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	A	Vulnerable Road Users
429807	11/21/2016	Monday	12:28 PM	Clinton St	Cummings Way	NB	Intersection	50 F/N	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
297425	2/16/2014	Sunday	1:07 PM	Clinton St	Cummings Way	EB	Intersection	200 F/E	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
297819	2/21/2014	Friday	11:42 AM	Clinton St	Cummings Way	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
305535	5/3/2014	Saturday	9:28 PM	Clinton St	Cummings Way	NB	Segment	300 F/S	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
306956	5/13/2014	Tuesday	1:58 PM	Clinton St	Cummings Way		Segment	300 F/S	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
322727	9/24/2014	Wednesday	10:31 AM	Clinton St	John A Cummings Way	NB	Intersection	0	Daylight	Clear	Collision with Vulnerable User	Vehicle-Bicycle	B	Vulnerable Road Users
324317	10/1/2014	Wednesday	8:00 AM	Clinton St	John A Cummings Way	EB	Intersection	200 F/E	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
338311	1/22/2015	Thursday	4:08 PM	John A Cummings Way	Clinton St	EB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
352732	4/29/2015	Wednesday	10:05 PM	Clinton St	John A Cummings Way	EB	Intersection	30 F/E	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
382008	3/19/2015	Thursday	12:54 PM	Clinton St	John A Cummings Way	EB	Intersection	100 F/E	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
382248	12/11/2015	Friday	5:01 PM	Clinton St	John A Cummings Way	NB	Intersection	0	Dark - Lighted	Clear	Collision with Vulnerable User	Vehicle-Bicycle	O	Vulnerable Road Users
387326	1/15/2016	Friday	5:54 PM	John A Cummings Way	Clinton St	SB	Intersection	200 F/S	Dark - Lighted	Clear	Collision with Vulnerable User	Vehicle-Bicycle	A	Vulnerable Road Users
396032	3/30/2016	Wednesday	9:32 AM	Clinton St	John A Cummings Way	NB	Intersection	50 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Older Drivers
408193	6/25/2016	Saturday	5:27 PM	John A Cummings Way	Clinton St		Segment		Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
417783	9/5/2016	Monday	11:24 AM	Clinton St	John A Cummings Way	WB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
423151	8/13/2016	Saturday	3:42 PM	Clinton St	John A Cummings Way		Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Roadway Departure
425952	10/20/2016	Thursday	12:57 PM	John A Cummings Way	Clinton St	NB	Intersection	100 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
428993	11/21/2016	Monday	12:36 PM	Clinton St	John A Cummings Way	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
441034	2/3/2017	Friday	11:31 AM	John A Cummings Way	Clinton St		Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Roadway Departure
455109	4/29/2017	Saturday	11:33 AM	Clinton St	John A Cummings Way	NB	Intersection	150 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
460855	5/14/2017	Sunday	2:48 PM	Clinton St	John A Cummings Way	EB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
475003	10/16/2017	Monday	5:04 PM	Clinton St	John A Cummings Way	EB	Intersection	25 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
476497	10/25/2017	Wednesday	7:49 PM	Clinton St	John A Cummings Way	WB	Intersection	50 F/E	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
476678	10/27/2017	Friday	11:39 AM	Clinton St	John A Cummings Way	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
317422	8/10/2014	Sunday	12:29 AM	Clinton St	Main St	NB	Intersection	200 F/N	Dark - Not Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
324120	10/6/2014	Monday	5:14 PM	Clinton St	Main St	EB	Intersection	20 F/E	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
340236	2/5/2015	Thursday	11:23 AM	Main St	Clinton St	EB	Intersection	0	Daylight	Snow	Rear end	Vehicle-Vehicle	O	Older Drivers
382244	12/4/2015	Friday	6:38 PM	Court St	Clinton St	WB	Segment	400 F/E	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
462579	7/6/2017	Thursday	12:32 PM	Clinton St	Main St	EB	Intersection	5 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
484697	12/22/2017	Friday	6:19 PM	Main St	Clinton St	NB	Intersection	0	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Roadway Departure
291555	1/9/2014	Thursday	5:51 PM	Clinton St	Veterans Parkway	EB	Intersection	0 F/A	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
292657	1/17/2014	Friday	10:59 AM	Clinton St	Pond St	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
310556	6/12/2014	Thursday	10:53 PM	Clinton St	Pond St	EB	Intersection	0	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
313650	7/8/2014	Tuesday	8:02 AM	Veterans Parkway	Clinton St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
316212	7/29/2014	Tuesday	4:25 PM	Pond St	Clinton St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
337810	1/21/2015	Wednesday	12:52 PM	Clinton St	Veterans Parkway	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
352278	4/7/2015	Tuesday	12:15 PM	Clinton St	Veterans Parkway	SB	Intersection	0	Daylight	Rain	Angle	Vehicle-Vehicle	O	Intersection
358911	6/14/2015	Sunday	10:16 AM	Pond St	Clinton St	NB	Intersection	100 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
382250	12/11/2015	Friday	6:12 PM	Clinton St	Veterans Parkway	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
382902	1/7/2015	Wednesday	11:39 AM	Clinton St	Pond St	NB	Intersection	50 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
391110	2/18/2016	Thursday	10:16 AM	Clinton St	Veterans Parkway	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
420776	9/20/2016	Tuesday	2:51 PM	Clinton St	Pond St	EB	Intersection	50 F/W	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
463872	7/24/2017	Monday	2:33 PM	Clinton St	Pond St	SB	Intersection	0	Daylight	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
464967	8/4/2017	Friday	2:48 PM	Veterans Parkway	Clinton St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
467508	8/17/2017	Thursday	2:40 PM	Clinton St	Veterans Parkway	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
475719	10/23/2017	Monday	4:15 PM	Clinton St	Veterans Parkway	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Motorcycle	B	Vulnerable Road Users
481318	12/1/2017	Friday	12:37 PM	Clinton St	Veterans Parkway			0	Daylight	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	B	Vulnerable Road Users
483234	12/14/2017	Thursday	7:48 AM	Clinton St	Veterans Parkway	EB	Intersection	0	Dark - Lighted	Snow	Angle	Vehicle-Vehicle	O	Older Drivers
312598	6/18/2014	Wednesday	2:15 PM	Social St	Clinton St	SB	Intersection	10 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
445107	1/9/2017	Monday	12:04 PM	Clinton St	Social St	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
461354	7/7/2017	Friday	11:55 AM	Clinton St	Social St	SB	Segment	300 F/N	Daylight	Rain	Angle	Vehicle-Vehicle	O	Roadway Departure

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
463680	7/13/2017	Thursday	7:34 AM	Social St	Clinton St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
464072	7/27/2017	Thursday	4:56 PM	Clinton St	Social St	NB	Intersection	20 F/N	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
477170	11/1/2017	Wednesday	11:00 AM	Social St	Clinton St		Intersection	0 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
290792	1/3/2014	Friday	10:19 PM	Worrall St	Clinton St	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
291879	1/6/2014	Monday	7:38 PM	Clinton St	Truman Dr	EB	Intersection	0	Dark - lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
292298	1/14/2014	Tuesday	2:05 PM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
293289	1/22/2014	Wednesday	2:15 PM	Truman Dr	Clinton St	SB	Segment	300 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
293442	1/22/2014	Wednesday	3:51 PM	Clinton St	Worrall St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Roadway Departure
297634	2/20/2014	Thursday	8:10 AM	Truman Dr	Clinton St	SB	Segment	500 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
299609	3/6/2014	Thursday	7:21 PM	Truman Dr	Clinton St	NB	Intersection	0	Dark - Not Lighted	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
299914	3/9/2014	Sunday	10:57 AM	Clinton St	Worrall St	EB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
303697	4/14/2014	Monday	7:24 AM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Cloudy	Rear end	Vehicle-Vehicle	O	Intersection
304430	4/22/2014	Tuesday	7:34 PM	Truman Dr	Clinton St	NB	Intersection	0	Dusk	Rain	Rear end	Vehicle-Vehicle	O	Older Drivers
304463	4/22/2014	Tuesday	12:55 PM	Clinton St	Truman Dr	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Bicycle	C	Vulnerable Road Users
305827	5/6/2014	Tuesday	4:04 PM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
312740	6/30/2014	Monday	3:48 PM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Older Drivers
315213	7/20/2014	Sunday	1:04 PM	Clinton St	Worrall St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
315230	7/20/2014	Sunday	4:48 PM	Truman Dr	Worrall St	NB	Segment	400 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
321012	9/10/2014	Wednesday	9:42 AM	Clinton St	Worrall St	WB	Intersection	100 F/W	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
323325	9/28/2014	Sunday	6:57 PM	Truman Dr	Clinton St	NB	Segment	300 F/S	Dark - Not Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
332624	12/11/2014	Thursday	6:49 AM	Clinton St	Truman Dr	NB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
352284	4/6/2015	Monday	8:19 AM	Clinton St	Truman Dr	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
370190	9/13/2015	Sunday	4:50 PM	Truman Dr	Clinton St	NB	Intersection	200 F/S	Daylight	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
382807	12/17/2015	Thursday	10:29 AM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
388191	1/25/2016	Monday	7:56 PM	Truman Dr	Clinton St	NB	Segment	1000 F/S	Dark - lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
403118	5/20/2016	Friday	2:43 PM	Truman Dr	Clinton St	SB	Segment	500 F/S	Daylight	Clear	Collision with Roadside Object	Motorcycle-Fixed Object	B	Roadway Departure
417375	9/1/2016	Thursday	1:03 PM	Truman Dr	Clinton St	NB	Segment	400 F/S	Daylight	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
420777	9/26/2016	Monday	7:39 AM	Truman Dr	Clinton St	SB	Segment	300 F/S	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
443989	3/6/2017	Monday	1:37 PM	Clinton St	Truman Dr	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
447270	3/31/2017	Friday	5:42 PM	Truman Dr	Clinton St	NB	Intersection	150 F/N	Dusk	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
455090	4/24/2017	Monday	9:34 AM	Clinton St	Truman Dr	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Speeding
457674	6/6/2017	Tuesday	2:53 PM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Cloudy	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
467010	8/18/2017	Friday	9:20 PM	Truman Dr	Clinton St	SB	Segment	500 F/S	Dark - Lighted	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
472421	9/29/2017	Friday	4:31 PM	Truman Dr	Clinton St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
484385	12/21/2017	Thursday	6:47 AM	Truman Dr	Clinton St	NB	Segment	250 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
291386	1/8/2014	Wednesday	5:03 PM	Monument Sq	Main St	WB	Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	C	Intersection
292872	1/19/2014	Sunday	6:26 PM	Main St	Federal St	SB	Intersection	0	Dark - lighted	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
301112	3/20/2014	Thursday	4:59 PM	Federal St	Main St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
327128	10/30/2014	Thursday	12:28 AM	Cato St	Main St	EB	Segment	700 F/E	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
368327	8/28/2015	Friday	2:03 PM	Main St	Cato St	SB	Intersection	100 F/S	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
403069	5/20/2016	Friday	5:07 PM	Main St	Monument Sq	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
407425	6/20/2016	Monday	8:01 PM	Main St	Cato St		Intersection	20 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
441205	2/15/2017	Wednesday	12:46 PM	Main St	Cato St		Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Impaired Driving
464040	7/25/2017	Tuesday	10:14 PM	Main St	Cato St	SB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
382428	3/26/2015	Thursday	2:55 PM	Worrall St	Federal St	NB	Intersection	0	Daylight	Rain	Angle	Vehicle-Vehicle	C	Intersection
470238	9/9/2017	Saturday	12:15 PM	Federal St	Worrall St	NB	Intersection	150 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
322044	9/19/2014	Friday	5:41 AM	Clinton St	Worrall St	NB	Intersection	5 F/A	Dawn	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
381647	3/10/2015	Tuesday	1:40 PM	Clinton St	Worrall St	EB	Intersection	200 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
435185	12/3/2016	Saturday	1:10 PM	Clinton St	Worrall St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
437131	12/23/2016	Friday	2:33 PM	Clinton St	Worrall St	SB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
458089	5/27/2017	Saturday	2:52 AM	Clinton St	Worrall St		Intersection	150 F/E	Dark - lighted	Clear	Other (animal, etc.)	Vehicle-Fixed Object	O	Intersection
460865	5/26/2017	Friday	9:05 AM	Clinton St	Worrall St	EB	Intersection	200 F/E	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
467181	8/20/2017	Sunday	3:53 PM	Worrall St	Clinton St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
469093	8/28/2017	Monday	3:49 PM	Clinton St	Worrall St	EB	Intersection	20 F/S	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
470224	9/5/2017	Tuesday	11:10 AM	Clinton St	Worrall St	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
472357	9/29/2017	Friday	12:33 PM	Clinton St	Worrall St		Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
473337	10/6/2017	Friday	6:48 AM	Clinton St	Worrall St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
475470	10/21/2017	Saturday	4:14 PM	Clinton St	Worrall St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
295948	2/11/2014	Tuesday	6:11 AM	Social St	John A Cummings Way	WB	Intersection	200 F/W	Dawn	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	B	Vulnerable Road Users
299621	3/6/2014	Thursday	4:58 PM	John A Cummings Way	Social St	SB	Intersection	50 F/W	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
309653	6/5/2014	Thursday	12:53 PM	Cummings Way	Social St	NB	Intersection	50 F/S	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Older Drivers
312087	6/25/2014	Wednesday	11:29 AM	Social St	Cummings Way	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
317868	8/14/2014	Thursday	9:07 AM	Social St	Cummings Way	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Roadway Departure
340450	2/6/2015	Friday	8:10 PM	Social St	Cummings Way	SB	Intersection	200 F/N	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	C	Older Drivers
346472	3/10/2015	Tuesday	5:08 PM	Cummings Way	Social St	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
354364	5/14/2015	Thursday	4:23 PM	John A Cummings Way	Social St	SB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
367671	8/24/2015	Monday	9:49 AM	Social St	John A Cummings Way	WB	Intersection	0	Daylight	Cloudy	Angle	Vehicle-Vehicle	O	Intersection
367917	8/7/2015	Friday	10:48 AM	Social St	Cummings Way	WB	Intersection	200 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
382973	1/11/2015	Sunday	1:34 PM	Social St	Cummings Way	WB	Intersection	100 F/W	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
388785	1/28/2016	Thursday	6:37 PM	Social St	John A Cummings Way	SB	Intersection	150 F/S	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
431121	11/14/2016	Monday	8:52 AM	Social St	John A Cummings Way	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
441579	2/17/2017	Friday	5:06 PM	John A Cummings Way	Social St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
445421	3/15/2017	Wednesday	2:24 PM	Social St	John A Cummings Way	NB	Intersection	0	Daylight	Cloudy	Sideswipe - Same Direction	Vehicle-Vehicle	C	Intersection
447609	4/5/2017	Wednesday	11:42 AM	John A Cummings Way	Social St	NB	Intersection	25 F/A	Daylight	Cloudy	Rear end	Vehicle-Vehicle	O	Older Drivers
449285	4/18/2017	Tuesday	1:22 PM	John A Cummings Way	Social St	EB	Intersection	15 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
455112	5/1/2017	Monday	8:17 AM	Social St	John A Cummings Way	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
456732	6/5/2017	Monday	8:07 PM	Social St	John A Cummings Way		Intersection	0	Dusk	Cloudy	Rear end	Vehicle-Vehicle	O	Older Drivers
467506	8/15/2017	Tuesday	7:53 AM	Social St	John A Cummings Way	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
470240	9/11/2017	Monday	8:25 AM	Social St	John A Cummings Way	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
272384	9/26/2017	Tuesday	5:17 PM	Social St	John A Cummings Way	WB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
278248	11/8/2017	Wednesday	11/8/2017	Social St	John A Cummings Way	WB	Intersection	100 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
328056	8/5/2014	Tuesday	6:57 AM	Main St	Railroad St	WB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
330819	11/26/2014	Wednesday	3:37 PM	Main St	Railroad St	SB	Intersection	0	Daylight	Sleet, Hail	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
352291	4/14/2015	Tuesday	5:37 PM	Main St	Railroad St	SB	Segment	300 F/S	Daylight	Cloudy	Sideswipe - Same Direction	Vehicle-Vehicle	O	Distracted Driving
361321	7/5/2015	Sunday	1:57 PM	Main St	Railroad St	SB	Intersection	50 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
368421	8/26/2015	Wednesday	8:29 PM	Main St	Railroad St	SB	Intersection	0 F/A	Dark - lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
382736	1/4/2015	Sunday	10:28 AM	Main St	Railroad St	SB	Intersection	0	Daylight	Fog, Smog,	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
403357	5/23/2016	Monday	11:25 AM	Main St	Railroad St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
406314	6/13/2016	Monday	10:32 AM	Main St	Railroad St	WB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Vehicle	O	Intersection
412148	7/21/2016	Thursday	1:13 PM	Main St	Railroad St	SB	Intersection	100 F/N	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	B	Intersection
423155	8/19/2016	Friday	2:24 PM	Main St	Railroad St	SB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Vehicle	O	Intersection
434974	12/24/2016	Saturday	6:57 PM	Main St	Railroad St	EB	Intersection	0	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
434975	12/24/2016	Saturday	7:43 PM	Railroad St	Main St	WB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Roadway Departure
441159	2/8/2017	Wednesday	6:35 AM	Railroad St	Main St	EB	Intersection	0	Daylight	Sleet, Hail	Rear end	Vehicle-Vehicle	O	Roadway Departure
467437	8/21/2017	Monday	10:30 AM	Main St	Railroad St	SB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
470233	9/13/2017	Wednesday	12:51 PM	Main St	Railroad St	WB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
290647	1/2/2014	Thursday	4:19 PM	Court St	Main St	NB	Intersection	25 F/S	Dark - Lighted	Snow	Rear end	Vehicle-Vehicle	O	Intersection
295874	2/10/2014	Monday	1:03 PM	Main St	High St	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
296901	2/15/2014	Saturday	7:39 PM	Main St	High St	NB	Segment	1000 F/N	Dark - Lighted	Snow	Head on	Vehicle-Vehicle	O	Intersection
300043	3/10/2014	Monday	4:00 PM	Main St	High St	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Older Drivers
303754	4/14/2014	Monday	3:28 PM	Main St	High St	SB	Intersection	10 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
308986	5/31/2014	Saturday	3:28 AM	Main St	Court St	NB	Intersection	100 F/S	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
313248	7/4/2014	Friday	7:07 PM	Main St	High St	SB	Intersection	100 F/S	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
328062	10/2/2014	Thursday	7:31 AM	Main St	High St	WB	Intersection	0 F/A	Dawn	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
334672	12/26/2014	Friday	3:44 PM	Main St	High St	NB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
352995	5/4/2015	Monday	2:48 PM	Main St	Court St	EB	Segment	300 F/W	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection

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358773	6/1/2015	Monday	6:52 PM	Clinton St	High St		Intersection	0	Dusk	Rain	Rear end	Vehicle-Vehicle	O	Intersection
360842	6/30/2015	Tuesday	5:56 PM	Court St	Main St	WB	Intersection	15 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
371386	9/17/2015	Thursday	8:00 PM	Main St	Court St	EB	Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Vulnerable Road Users
374213	10/9/2015	Friday	6:45 PM	Main St	Court St	NB	Intersection	0	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
381653	3/11/2015	Wednesday	11:05 AM	Main St	High St	EB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
385182	1/5/2016	Tuesday	7:07 PM	High St	Main St	NB	Intersection	0	Dark - Lighted	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
387006	1/19/2016	Tuesday	10:17 AM	Main St	High St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
396306	3/25/2016	Friday	6:24 PM	High St	Main St	WB	Intersection	0	Dusk	Clear	Rear end	Vehicle-Vehicle	O	Intersection
400280	4/30/2016	Saturday	6:09 PM	Main St	High St	NB	Intersection	0	Dusk	Clear	Angle	Vehicle-Vehicle	C	Intersection
425035	10/24/2016	Monday	1:02 PM	Main St	High St	WB	Intersection	50 F/W	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
428824	11/20/2016	Sunday	12:23 AM	Main St	High St	NB	Intersection	0	Dark - lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
429718	11/8/2016	Tuesday	9:10 PM	Main St	Court St		Intersection	100 F/A	Dark - lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
441060	2/11/2017	Saturday	4:19 PM	Main St	High St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
441577	2/15/2017	Wednesday	7:35 PM	Main St	Court St		Intersection	100 F/W	Dark - lighted	Rain	Angle	Vehicle-Vehicle	O	Intersection
444741	3/7/2017	Tuesday	2:45 PM	High St	Main St	NB	Intersection	100 F/S	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	C	Distracted Driving
460907	6/29/2017	Thursday	8:27 PM	Main St	Court St		Intersection	100 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
472472	9/29/2017	Friday	3:36 PM	Main St	High St		Intersection	100 F/S	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
476496	10/24/2017	Tuesday	4:24 PM	Main St	Court St	SB	Intersection	0	Daylight	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
323322	9/26/2014	Friday	7:34 PM	Main St	Social St	WB	Intersection	25 F/W	Dark - lighted	Clear	Rear end	Vehicle-Vehicle	C	Intersection
328044	11/5/2014	Wednesday	6:26 PM	Main St	Social St	SB	Intersection	0 F/S	Dark - lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
467901	8/26/2017	Saturday	9:35 AM	Main St	Social St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
307766	5/21/2014	Wednesday	9:32 AM	Social St	Worrall St	WB	Intersection	50 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
381301	3/5/2015	Thursday	12:02 PM	Social St	Worrall St	WB	Intersection	50 F/W	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
383915	1/13/2015	Tuesday	2:35 PM	Social St	Worrall St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
386623	1/13/2016	Wednesday	8:44 PM	Social St	Worrall St	SB	Intersection	0 F/S	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	B	Intersection
423131	9/19/2016	Monday	1:28 PM	Social St	Worrall St	WB	Intersection	50 F/E	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
455076	4/14/2017	Friday	3:17 PM	Worrall St	Social St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
463723	6/13/2017	Tuesday	9:56 AM	Social St	Worrall St	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
469110	9/5/2017	Tuesday	2:47 PM	Social St	Worrall St	WB	Intersection	50 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
484215	12/8/2017	Friday	2:27 PM	Social St	Worrall St	SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
361189	7/3/2015	Friday	10:55 PM	Veterans Parkway	Social St	NB	Intersection	40 F/N	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
419311	9/6/2016	Tuesday	6:33 PM	Social St	Veterans Parkway	WB	Intersection	0	Dusk	Rain	Angle	Vehicle-Vehicle	O	Intersection
295459	2/5/2014	Wednesday	1:33 PM	Social St	Worrall St	NB	Intersection	0	Daylight	Snow	Rear end	Vehicle-Vehicle	O	Intersection
296918	2/15/2014	Saturday	7:31 PM	Hamlet Ave	Davison St	EB	Intersection	100 F/E	Dark - Lighted	Snow	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
299899	2/24/2014	Monday	1:19 PM	Worrall St			Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
303040	4/8/2014	Tuesday	8:46 PM	Clinton St			Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
309436	6/3/2014	Tuesday	1:45 PM	Main St		WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
311462	6/20/2014	Friday	4:06 PM	Hamlet Ave	Hamlet Ave		Intersection	50 F/A	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
339048	1/30/2015	Friday	6:33 PM	Clinton St	Clinton St		Intersection	100 F/A	Dark - Not Lighted	Snow	Angle	Vehicle-Vehicle	O	Intersection
340137	2/5/2015	Thursday	4:01 PM	Social St	Social St		Intersection	100 F/E	Daylight	Clear	Head on	Vehicle-Vehicle	O	Older Drivers
340448	2/6/2015	Friday	4:01 PM	Social St	Worrall St	WB	Intersection	200 F/E	Dusk	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
341885	2/16/2015	Monday	10:59 AM	Social St			Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
380164	11/7/2015	Saturday	9:51 PM	Social St		WB	Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
381309	3/7/2015	Saturday	11:42 AM	Social St			Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
385185	1/5/2016	Tuesday	4:00 PM	Hamlet Ave		WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
390726	2/16/2016	Tuesday	2:05 AM	Hamlet Ave	Davison St	WB	Intersection	200 F/E	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
423142	8/2/2016	Tuesday	10:06 AM	Hamlet Ave		WB	Intersection	0	Daylight	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
429728	11/15/2016	Tuesday	5:07 PM	Social St		NB	Intersection	0	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	C	Intersection
429800	11/7/2016	Monday	11:32 AM	Social St		WB	Intersection	0	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	C	Older Drivers
441050	2/8/2017	Wednesday	2:24 PM	Clinton St		EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
442791	2/17/2017	Friday	1:14 PM	Clinton St		NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
446952	3/30/2017	Thursday	4:31 PM	Clinton St		NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
448005	4/5/2017	Wednesday	7:24 AM	Truman Dr			Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers

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449334	4/15/2017	Saturday	9:00 PM	Clinton St		NB	Intersection	0	Dark - Lighted	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
455087	4/22/2017	Saturday	3:56 PM	Clinton St		NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
455094	4/25/2017	Tuesday	2:32 PM	Hamlet Ave		EB	Intersection	0	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Older Drivers
455136	5/10/2017	Wednesday	1:08 PM	Social St			Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Older Drivers
455149	5/16/2017	Tuesday	7:08 AM	Main St		EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
457430	6/10/2017	Saturday	4:06 PM	Social St		SB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Speeding
457683	6/9/2017	Friday	12:08 PM	Clinton St		EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
296588	2/14/2014	Friday	8:17 AM	Hamlet Ave	Carrington Ave	EB	Intersection	0 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
377958	11/6/2015	Friday	3:27 PM	Carrington Ave	Greene St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
380171	11/12/2015	Thursday	5:05 PM	Greene St	Hamlet Ave	WB	Intersection	0	Dark - lighted	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
419314	9/11/2016	Sunday	5:48 PM	Carrington Ave	Greene St	SB	Intersection	0 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
446314	3/26/2017	Sunday	5:04 PM	Greene St	Carrington Ave	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
455137	5/10/2017	Wednesday	1:16 PM	Greene St	Carrington Ave	EB	Intersection	0	Daylight	Cloudy	Angle	Vehicle-Vehicle	C	Intersection
293358	1/18/2014	Saturday	1:14 AM	Front St	Hamlet Ave	SB	Segment	400 F/N	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	None
296023	2/6/2014	Thursday	7:26 AM	Front St	Hamlet Ave	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Roadway Departure
296350	2/13/2014	Thursday	8:27 AM	Hamlet Ave	Front St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
302240	3/26/2014	Wednesday	9:23 PM	Hamlet Ave	Front St		Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
307591	5/17/2014	Saturday	10:26 PM	Hamlet Ave	Front St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
310023	6/9/2014	Monday	10:09 AM	Front St	Hamlet Ave	NB	Segment	500 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
317324	8/9/2014	Saturday	12:19 AM	Front St	Court St	WB	Segment	1500 F/S	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Distracted Driving
322185	9/19/2014	Friday	4:34 PM	Hamlet Ave	Front St		Intersection	100 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
329732	11/18/2014	Tuesday	5:49 PM	Front St	Hamlet Ave	EB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
335406	1/3/2015	Saturday	10:09 AM	Court St	Front St	EB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
354369	5/15/2015	Friday	11:33 PM	Hamlet Ave	Front St	NB	Intersection	0	Dark - lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
362678	7/10/2015	Friday	7:02 AM	Hamlet Ave	Front St	EB	Intersection	200 F/A	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
380178	11/19/2015	Thursday	6:52 PM	Hamlet Ave	Front St	EB	Intersection	0	Dark - Lighted	Clear	Sideswipe - Opposite Direction	Vehicle-Vehicle	O	Intersection
384360	1/28/2015	Wednesday	1:54 PM	Hamlet Ave	Front St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
403133	5/21/2016	Saturday	1:50 PM	Hamlet Ave	Front St		Intersection	0	Daylight	Clear	Sideswipe - Opposite Direction	Vehicle-Vehicle	O	Intersection
423119	9/8/2016	Thursday	12:16 PM	Front St	Hamlet Ave	NB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
429502	11/23/2016	Wednesday	9:48 AM	Hamlet Ave	Front St	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
445408	2/25/2017	Saturday	3:00 PM	Hamlet Ave	Front St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
445745	3/21/2017	Tuesday	6:26 PM	Hamlet Ave	Front St	WB	Intersection	0	Daylight	Clear	Collision with Roadside Object	Vehicle-Vehicle	C	Older Drivers
460900	6/25/2017	Sunday	11:09 PM	Front St	Hamlet Ave	EB	Intersection	75 F/E	Dark - Lighted	Clear	Other (animal, etc.)	Vehicle-Pedestrian	O	Vulnerable Road Users
467838	8/26/2017	Saturday	11:00 AM	Front St	Hamlet Ave	NB	Intersection	50 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
473480	10/8/2017	Sunday	1:48 AM	Hamlet Ave	Front St		Intersection	0	Dark - Unknown	Clear	Angle	Vehicle-Vehicle	O	None
475501	10/22/2017	Sunday	1:47 PM	Hamlet Ave	Front St	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
479277	11/16/2017	Thursday	9:30 PM	Hamlet Ave	Front St	WB	Intersection	10 F/A	Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
310380	6/11/2014	Wednesday	12:47 PM	Hamlet Ave	Greene St	WB	Intersection	100 F/W	Daylight	Clear	Rear end	Vehicle-Bicycle	O	Vulnerable Road Users
392086	2/23/2016	Tuesday	6:28 PM	Hamlet Ave	Greene St	WB	Intersection	0	Dark - Lighted	Snow	Rear end	Vehicle-Vehicle	O	Intersection
444067	3/1/2017	Wednesday	2:57 AM	Hamlet Ave	Greene St	EB	Intersection	25 F/N	Dark - lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
463604	7/17/2017	Monday	12:28 PM	Hamlet Ave	Greene St	NB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
323372	9/29/2014	Monday	1:29 PM	Hamlet Ave	Grove St	WB	Intersection	250 F/N	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
340136	2/4/2015	Wednesday	7:11 PM	Hamlet Ave	Grove St	NB	Intersection	0	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
344441	2/26/2015	Thursday	10:36 PM	Grove St	Hamlet Ave	NB	Intersection	0	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
374210	10/8/2015	Thursday	6:34 PM	Grove St	Hamlet Ave	EB	Intersection	0	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	B	Intersection
429802	11/7/2016	Monday	1:56 PM	Hamlet Ave	Grove St	WB	Intersection	100 F/W	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
436712	1/13/2017	Friday	8:44 PM	Hamlet Ave	Grove St	WB	Intersection	25 F/E	Dark - Lighted	Clear	Other (animal, etc.)	Vehicle-Vehicle	C	Distracted Driving
441064	1/11/2017	Wednesday	12:22 PM	Hamlet Ave	Grove St	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
441069	1/16/2017	Monday	5:45 PM	Hamlet Ave	Grove St	WB	Intersection	0	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
447137	4/2/2017	Sunday	7:49 PM	Hamlet Ave	Grove St	WB	Intersection	0	Dark - Lighted	Clear	Head on	Vehicle-Vehicle	O	Older Drivers
472383	9/22/2017	Friday	9:19 PM	Hamlet Ave	Grove St	EB	Intersection	0	Dark - Lighted	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	A	Vulnerable Road Users
317342	8/8/2014	Friday	4:39 PM	Hamlet Ave	Harrison Ave	EB	Intersection	100 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
343208	2/23/2015	Monday	11:39 AM	Harrison Ave	Hamlet Ave	SB	Segment	300 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
416780	8/18/2016	Thursday	6:45 PM	Hamlet Ave	Harrison Ave	WB	Intersection	0	Daylight	Clear	Other (animal, etc.)	Vehicle-Vehicle	C	Impaired Driving
441099	2/1/2017	Wednesday	7:24 AM	Hamlet Ave	Harrison Ave	SB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
444069	3/6/2017	Monday	7:28 AM	Hamlet Ave	Harrison Ave	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
463460	7/23/2017	Sunday	4:00 PM	Hamlet Ave	Harrison Ave	WB	Intersection	20 F/E	Daylight	Clear	Collision with Vulnerable User	Vehicle-Bicycle	C	Vulnerable Road Users
477171	11/1/2017	Wednesday	3:49 PM	Hamlet Ave	Harrison Ave	WB	Intersection	50 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
481539	11/29/2017	Wednesday	8:10 PM	Harrison Ave	Hamlet Ave	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	B	Intersection
348952	3/30/2015	Monday	9:09 AM	Hamlet Ave	Welles St	EB	Intersection	100 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
353697	5/10/2015	Sunday	7:35 PM	Hamlet Ave	Welles St	EB	Intersection	20 F/E	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	C	Impaired Driving
371777	9/25/2015	Friday	8:40 AM	Hamlet Ave	Welles St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
393415	3/8/2016	Tuesday	11:43 AM	Hamlet Ave	Welles St	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
424482	10/21/2016	Friday	1:21 PM	Hamlet Ave	Welles St	WB	Intersection	25 F/W	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
441057	2/10/2017	Friday	2:53 PM	Hamlet Ave	Welles St	WB	Intersection	0	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
457361	6/9/2017	Friday	8:44 AM	Hamlet Ave	Welles St	EB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Roadway Departure
460850	5/7/2017	Sunday	11:32 AM	Hamlet Ave	Welles St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Motorcycle	C	Vulnerable Road Users
469936	9/13/2017	Wednesday	8:30 AM	Hamlet Ave	Welles St	WB	Intersection	0	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
474499	10/12/2017	Thursday	4:44 PM	Hamlet Ave	Welles St	EB	Intersection	100 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
509143	6/29/2018	Friday	9:54 AM	1 Main St	16 Arnold St	SB	Intersection		Daylight	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
495315	3/14/2018	Wednesday	7:21 PM	1 Cumberland St	550 Clinton St		Intersection		Dark - Lighted	Clear	Collision with Vulnerable User	Vehicle-Bicycle	O	Vulnerable Road Users
526673	11/5/2018	Monday	9:43 PM	Clinton St	Cumberland St	EB	Segment	300 F/W	Dark - Lighted	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	K	Vulnerable Road Users
525637	10/1/2018	Monday	12:54 PM	483 Clinton St	23 John A Cummings Way	EB	Intersection		Daylight	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
498018	3/24/2018	Saturday	1:13 PM	2 Truman Dr	139 Clinton St	NB	Intersection		Daylight	Clear	Collision with Vulnerable User	Vehicle-Bicycle	C	Vulnerable Road Users
528815	11/17/2018	Saturday	11:13 AM	2 Truman Dr	139 Clinton St	NB	Intersection		Daylight	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	O	Vulnerable Road Users
519906	8/27/2018	Monday	7:54 AM	17 Federal St	285 Main St	EB	Intersection	10 F/A	Daylight	Clear	Collision with Vulnerable User	Vehicle-Bicycle	C	Vulnerable Road Users
487068	1/8/2018	Monday	1:55 PM	Social St	John A Cummings Way	NB	Intersection		Daylight	Cloudy	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
534925	12/4/2018	Tuesday	3:43 PM	Main St	Court St	NB	Segment	500 F/S	Dusk	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	K	Vulnerable Road Users
522176	10/1/2018	Monday	8:35 PM	Greene St	Hamlet Ave	EB	Intersection		Dark - Lighted	Rain	Collision with Vulnerable User	Vehicle-Bicycle	B	Vulnerable Road Users
529085	11/20/2018	Tuesday	8:31 PM	Hamlet Ave	Grove St	SB	Intersection		Dark - Lighted	Rain	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
509149	6/29/2018	Friday	11:01 AM	150 Social St	152 Pond St		Intersection		Daylight	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	C	Vulnerable Road Users
501968	5/8/2018	Tuesday	4:50 PM	Main St	Ascension St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
486414	1/30/2018	Tuesday	2:26 PM	Arnold St	Main St	WB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
493718	2/3/2018	Saturday	2:04 PM	Main St	Arnold St	WB	Segment	400 F/E	Daylight	Clear	Angle	Vehicle-Vehicle	O	None
506455	6/10/2018	Sunday	1:15 AM	Arnold St	Main St	SB	Segment	200 F/S	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Impaired Driving
516032	8/11/2018	Saturday	10:31 AM	Main St	Arnold St	WB	Intersection	100 F/W	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
530128	11/28/2018	Wednesday	6:38 PM	Main St	Bernon St		Intersection		Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
486345	1/3/2018	Wednesday	8:13 PM	Bernon St	Truman Dr	WB	Intersection		Dark - Not Lighted	Clear	Collision with Vulnerable User	Vehicle-Pedestrian	B	Vulnerable Road Users
487909	1/12/2018	Friday	7:00 PM	Truman Dr	Bernon St	NB	Intersection		Dark - Lighted	Rain	Angle	Vehicle-Vehicle	O	Intersection
498016	3/23/2018	Friday	8:54 PM	Bernon St	Truman Dr	WB	Intersection		Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	C	Intersection
510680	7/10/2018	Tuesday	7:42 AM	Truman Dr	Bernon St	NB	Intersection	25 F/N	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
534884	12/31/2018	Monday	10:39 PM	Truman Dr	Bernon St	NB	Intersection		Dark - Lighted	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	None
493551	2/28/2018	Wednesday	12:27 PM	Blackstone St	North Main St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
495972	1/23/2018	Tuesday	11:33 AM	North Main St	Blackstone St	NB	Intersection		Daylight	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
489343	1/24/2018	Wednesday	2:08 PM	Clinton St	Cumberland St	EB	Intersection	10 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
489516	1/18/2018	Thursday	9:10 AM	Cumberland St	Clinton St	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
491117	2/7/2018	Wednesday	11:29 AM	Clinton St	Cumberland St	EB	Intersection		Daylight	Snow	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
492616	1/26/2018	Friday	12:39 PM	Cumberland St	Clinton St	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
495968	1/19/2018	Friday	3:15 PM	Cumberland St	Clinton St	NB	Intersection	5 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
495975	1/27/2018	Saturday	11:34 AM	Clinton St	Cumberland St	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
498038	3/31/2018	Saturday	9:19 PM	Cumberland St	Clinton St	NB	Intersection		Dark - lighted	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
498389	4/8/2018	Sunday	6:51 PM	Clinton St	Cumberland St	EB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
501344	5/2/2018	Wednesday	4:57 PM	Cumberland St	Clinton St	NB	Intersection	100 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
507223	5/18/2018	Friday	3:42 PM	Cumberland St	Clinton St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
507226	5/24/2018	Thursday	1:02 PM	Cumberland St	Clinton St	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
516025	8/1/2018	Wednesday	12:49 PM	Clinton St	Cumberland St	EB	Intersection	100 F/W	Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
519903	8/24/2018	Friday	3:44 PM	Cumberland St	Clinton St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
519942	9/10/2018	Monday	9:05 PM	Clinton St	Cumberland St	EB	Intersection		Dark - Lighted	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
520013	9/13/2018	Thursday	9:45 PM	Cumberland St	Clinton St	NB	Intersection		Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
524700	10/22/2018	Monday	5:16 PM	Clinton St	Cumberland St	NB	Intersection	75 F/N	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
529084	11/20/2018	Tuesday	4:37 PM	Cumberland St	Clinton St	NB	Intersection		Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
529602	11/25/2018	Sunday	1:19 PM	Cumberland St	Clinton St	SB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
532111	11/22/2018	Thursday	4:25 AM	Cumberland St	Clinton St	NB	Intersection		Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Roadway Departure
532122	11/28/2018	Wednesday	3:18 PM	Cumberland St	Clinton St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
488489	1/3/2018	Wednesday	12:32 PM	John A Cummings Way	Clinton St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
503495	5/19/2018	Saturday	9:21 AM	John A Cummings Way	Clinton St		Intersection	200 F/E	Daylight	Clear	Collision with Roadside Object	Vehicle-Vehicle	O	Roadway Departure
509144	6/29/2018	Friday	12:35 PM	Clinton St	John A Cummings Way	NB	Intersection	200 F/S	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
519927	9/5/2018	Wednesday	4:52 PM	Clinton St	John A Cummings Way	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
519928	9/6/2018	Thursday	4:35 PM	Clinton St	John A Cummings Way	EB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
522570	10/8/2018	Monday	11:51 AM	Clinton St	John A Cummings Way	EB	Intersection		Daylight	Cloudy	Rear end	Vehicle-Vehicle	C	Intersection
523653	10/15/2018	Monday	9:07 PM	Clinton St	John A Cummings Way	WB	Intersection		Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	O	Intersection
528810	11/14/2018	Wednesday	12:49 PM	Clinton St	John A Cummings Way	EB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
532136	12/9/2018	Sunday	1:01 AM	Clinton St	John A Cummings Way	NB	Intersection	200 F/N	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
515446	8/16/2018	Thursday	9:54 AM	Clinton St	Court St	SB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
527957	11/6/2018	Tuesday	9:45 AM	Clinton St	Court St	NB	Intersection		Daylight	Rain	Rear end	Vehicle-Vehicle	C	Older Drivers
501312	4/15/2018	Sunday	1:25 PM	Clinton St	Veterans Parkway	EB	Intersection	50 F/W	Daylight	Sleet, Hail	Angle	Vehicle-Vehicle	O	Intersection
501317	4/18/2018	Wednesday	4:03 PM	Clinton St	Veterans Parkway	EB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
508241	6/22/2018	Friday	11:22 AM	Clinton St	Veterans Parkway	NB	Intersection	200 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
520898	9/12/2018	Wednesday	1:52 PM	Clinton St	Pond St	EB	Intersection	50 F/E	Daylight	Rain	Angle	Vehicle-Vehicle	O	Intersection
520899	9/14/2018	Friday	1:51 PM	Clinton St	Veterans Parkway	EB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
527951	10/30/2018	Tuesday	2:26 PM	Clinton St	Veterans Parkway	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
485851	1/1/2018	Monday	2:48 PM	Truman Dr	Clinton St	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
485980	1/2/2018	Tuesday	1:27 PM	Clinton St	Truman Dr	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
495083	3/13/2018	Tuesday	12:09 AM	Truman Dr	Clinton St	NB	Intersection	200 F/S	Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
496148	3/20/2018	Tuesday	4:07 PM	Truman Dr	Clinton St	NB	Intersection	100 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
498007	3/23/2018	Friday	8:44 AM	Truman Dr	Clinton St	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
516044	8/17/2018	Friday	1:20 PM	Truman Dr	Clinton St	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
495751	3/18/2018	Sunday	2:14 PM	South Main St	East School St	EB	Intersection	200 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
498042	4/5/2018	Thursday	11:18 AM	Main St	Cato St	SB	Intersection	100 F/N	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
506551	6/10/2018	Sunday	5:09 PM	Main St	Federal St	SB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
519940	9/10/2018	Monday	4:09 PM	Federal St	Main St	SB	Intersection		Daylight	Rain	Angle	Vehicle-Vehicle	O	Older Drivers
508461	6/24/2018	Sunday	11:20 AM	Federal St	Worrall St	SB	Intersection	100 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
488803	1/20/2018	Saturday	11:41 AM	Front St	South Main St	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
501299	4/8/2018	Sunday	10:24 AM	South Main St	Front St	EB	Intersection	50 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
501314	4/16/2018	Monday	4:06 PM	South Main St	Front St	WB	Intersection		Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
501325	4/22/2018	Sunday	2:15 PM	South Main St	Front St	EB	Intersection	100 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
505651	6/4/2018	Monday	9:09 AM	South Main St	Front St	SB	Intersection	50 F/N	Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
519909	8/29/2018	Wednesday	1:34 PM	Clinton St	Worrall St	EB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
527949	10/30/2018	Tuesday	9:55 AM	Clinton St	Worrall St	EB	Intersection		Daylight	Clear	Head on	Vehicle-Vehicle	O	Intersection
532110	11/21/2018	Wednesday	11:20 AM	Clinton St	Worrall St	EB	Intersection	50 F/W	Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
488490	1/5/2018	Friday	2:23 PM	Social St	John A Cummings Way	WB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
495966	1/9/2018	Tuesday	8:54 AM	Social St	John A Cummings Way	WB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
501326	4/23/2018	Monday	11:43 AM	Social St	John A Cummings Way	SB	Intersection	100 F/N	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
516041	8/15/2018	Wednesday	3:40 PM	John A Cummings Way	Social St	WB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
521450	9/29/2018	Saturday	4:28 PM	Social St	John A Cummings Way	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
534948	12/19/2018	Wednesday	1:31 PM	Social St	John A Cummings Way	WB	Intersection	5 F/A	Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
493213	2/19/2018	Monday	9:56 AM	Main St	Railroad St	SB	Intersection		Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
494068	3/4/2018	Sunday	4:33 PM	Main St	Railroad St	SB	Intersection		Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
498578	4/9/2018	Monday	4:31 PM	Main St	Railroad St	EB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	B	Older Drivers

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
501340	4/30/2018	Monday	10:47 AM	Main St	Railroad St	NB	Intersection		Daylight	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
502617	5/2/2018	Wednesday	1:15 PM	Main St	Railroad St	SB	Intersection		Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
509036	6/28/2018	Thursday	10:10 PM	Main St	Railroad St	SB	Intersection		Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
525669	10/28/2018	Sunday	6:15 PM	Main St	Railroad St	WB	Intersection		Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
489985	1/30/2018	Tuesday	1:04 PM	Veterans Parkway	Pond St		Intersection		Dark - Not Lighted	Snow	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
498035	3/31/2018	Saturday	2:12 PM	Main St	High St	SB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
506435	6/9/2018	Saturday	1:43 PM	Main St	High St	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
512790	7/26/2018	Thursday	7:04 PM	Main St	High St	SB	Intersection		Daylight	Cloudy	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
517610	9/2/2018	Sunday	1:31 AM	Main St	High St	NB	Intersection	200 F/N	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
525638	10/1/2018	Monday	3:10 PM	Main St	High St	SB	Intersection	25 F/A	Daylight	Rain	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
509600	7/2/2018	Monday	1:01 PM	Hamlet Ave	Bennett St	EB	Intersection	150 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
534391	12/26/2018	Wednesday	11:13 PM	Hamlet Ave	Bennett St	EB	Intersection		Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
498028	3/27/2018	Tuesday	5:59 PM	Greene St	Carrington Ave	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	B	Intersection
509406	7/1/2018	Sunday	8:30 AM	Greene St	Carrington Ave	NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
527952	10/30/2018	Tuesday	3:15 PM	Carrington Ave	Greene St	EB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
490728	2/4/2018	Sunday	7:53 PM	Hamlet Ave	Front St		Intersection		Dark - Lighted	Rain	Collision with Roadside Object	Vehicle-Fixed Object	O	Intersection
491905	2/13/2018	Tuesday	4:03 PM	Front St	Hamlet Ave	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
498008	3/21/2018	Wednesday	2:50 PM	Hamlet Ave	Front St	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
503940	5/22/2018	Tuesday	11:31 AM	Hamlet Ave	Front St	EB	Intersection		Daylight	Cloudy	Angle	Vehicle-Vehicle	C	Intersection
532106	11/19/2018	Monday	12:19 PM	Front St	Hamlet Ave	SB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
490738	2/4/2018	Sunday	10:26 PM	Greene St	Hamlet Ave	EB	Intersection		Dark - Lighted	Rain	Angle	Vehicle-Vehicle	O	Intersection
516042	8/16/2018	Thursday	3:01 PM	Hamlet Ave	Greene St	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
488880	1/21/2018	Sunday	4:37 PM	Hamlet Ave	Grove St	WB	Intersection		Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
490443	2/1/2018	Thursday	6:20 PM	Grove St	Hamlet Ave	WB	Intersection		Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
502562	5/10/2018	Thursday	9:29 PM	Grove St	Hamlet Ave	NB	Intersection		Dark - Lighted	Clear	Collision with Vulnerable User	Vehicle-Bicycle	B	Vulnerable Road Users
504428	5/25/2018	Friday	2:53 PM	Hamlet Ave	Grove St	WB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
512326	7/19/2018	Thursday	11:36 AM	Hamlet Ave	Grove St	WB	Intersection	50 F/W	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
523540	10/15/2018	Monday	8:55 AM	Hamlet Ave	Grove St	WB	Intersection	40 F/W	Daylight	Cloudy	Rear end	Vehicle-Vehicle	O	Intersection
490445	1/27/2018	Saturday	11:38 PM	Hamlet Ave	Harrison Ave	EB	Intersection	50 F/W	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Vehicle	O	Roadway Departure
490523	2/1/2018	Thursday	10:25 PM	Hamlet Ave	Harrison Ave	NB	Intersection		Dark - Lighted	Rain	Rear end	Vehicle-Vehicle	C	Intersection
528477	11/16/2018	Friday	4:05 PM	Hamlet Ave	Harrison Ave	EB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
491932	1/30/2018	Tuesday	7:42 AM	Hamlet Ave	Morton Ave	EB	Intersection	150 F/W	Daylight	Snow	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
522194	10/4/2018	Thursday	5:18 PM	Hamlet Ave	Morton Ave	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
532143	11/26/2018	Monday	2:39 PM	Hamlet Ave	Morton Ave	WB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
488244	1/15/2018	Monday	4:20 PM	Hamlet Ave	Park Ave	EB	Intersection		Dusk	Clear	Angle	Vehicle-Vehicle	O	Intersection
489517	1/23/2018	Tuesday	2:59 PM	Hamlet Ave	Park Ave	WB	Intersection		Daylight	Rain	Rear end	Vehicle-Vehicle	C	Older Drivers
524569	10/22/2018	Monday	7:56 AM	Hamlet Ave	Park Ave	EB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Older Drivers
487708	1/11/2018	Thursday	1:45 PM	Manville Road	Hamlet Ave	WB	Intersection		Daylight	Cloudy	Angle	Vehicle-Vehicle	O	Intersection
495850	2/17/2018	Saturday	3:03 PM	Hamlet Ave	Manville Road		Intersection		Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	C	Roadway Departure
498031	3/29/2018	Thursday	5:00 AM	Manville Road	Hamlet Ave	NB	Intersection	50 F/N	Dawn	Clear	Angle	Vehicle-Vehicle	O	Intersection
515406	8/8/2018	Wednesday	7:21 PM	Hamlet Ave	Manville Road	WB	Intersection	200 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
516261	8/22/2018	Wednesday	2:14 PM	Manville Road	Hamlet Ave	NB	Intersection	25 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
512421	7/23/2018	Monday	5:25 PM	Hamlet Ave	Welles St	EB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
516260	8/22/2018	Wednesday	11:53 AM	Hamlet Ave	Welles St	EB	Intersection	100 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
502941	5/15/2018	Tuesday	9:11 AM	Social St	Cumberland St	WB	Intersection	40 F/A	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
507221	5/18/2018	Friday	12:57 PM	Social St	Cumberland St	WB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
516028	8/6/2018	Monday	12:04 PM	Cumberland St	Social St	NB	Intersection	100 F/S	Daylight	Clear	Head on	Vehicle-Vehicle	C	Intersection
519924	9/5/2018	Wednesday	11:26 AM	Social St	Cumberland St	SB	Intersection		Daylight	Clear	Head on	Vehicle-Vehicle	C	Intersection
519954	9/15/2018	Saturday	12:27 AM	Social St	Cumberland St	EB	Intersection		Dark - Not Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	C	Roadway Departure
528459	11/15/2018	Thursday	8:42 PM	Social St	Rathbun St	NB	Intersection		Dark - Lighted	Snow	Sideswipe - Opposite Direction	Vehicle-Vehicle	O	Intersection
530722	12/3/2018	Monday	9:36 AM	Cumberland St	Social St	SB	Intersection	50 F/S	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
532128	11/30/2018	Friday	9:43 AM	Cumberland St	Social St	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
501333	4/26/2018	Thursday	8:04 AM	Cumberland St	Social St	SB	Intersection		Daylight	Cloudy	Angle	Vehicle-Vehicle	C	Intersection

Case #	Date	Day of the Week	Time	On Street	At Street	Direction	Location	Distance from Ref.	Lighting	Weather	Crash Type	Collision with	Severity	Emphasis Area
522673	10/9/2018	Tuesday	8:03 AM	308 Cumberland St		NB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	O	Intersection
534945	12/18/2018	Tuesday	2:24 PM	Social St	Cumberland St	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
491291	2/7/2018	Wednesday	9:03 PM	Main St	Social St	SB	Intersection		Dark - Lighted	Sleet, Hail	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
508487	6/24/2018	Sunday	7:27 PM	Main St	Social St	SB	Intersection	20 F/S	Dusk	Rain	Rear end	Vehicle-Vehicle	O	Intersection
508699	6/15/2018	Friday	10:46 AM	Social St	Main St	NB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Older Drivers
532126	11/30/2018	Friday	8:11 AM	Main St	Social St	SB	Intersection	50 F/S	Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
486777	1/7/2018	Sunday	8:26 PM	Social St	Pond St	SB	Intersection	10 F/A	Dark - Lighted	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
498025	3/27/2018	Tuesday	1:06 PM	Social St	Pond St	SB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Intersection
498225	4/8/2018	Sunday	3:36 AM	Pond St	Social St	NB	Intersection	50 F/N	Dark - Lighted	Clear	Angle	Vehicle-Vehicle	O	Intersection
501304	4/20/2018	Friday	11:06 AM	Pond St	Social St	SB	Intersection	100 F/N	Daylight	Snow	Angle	Vehicle-Vehicle	O	Older Drivers
502561	5/10/2018	Thursday	6:14 PM	Social St	Pond St	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
527329	11/9/2018	Friday	9:56 AM	Pond St	Social St	WB	Intersection		Daylight	Clear	Angle	Vehicle-Vehicle	C	Older Drivers
527436	11/9/2018	Friday	10:11 AM	Social St	Pond St	EB	Intersection	75 F/E	Daylight	Cloudy	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
532105	11/15/2018	Thursday	9:53 AM	Social St	Pond St	SB	Segment	300 F/N	Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
487968	1/14/2018	Sunday	12:22 AM	Social St	Worrall St	WB	Intersection		Dark - Lighted	Clear	Rear end	Vehicle-Vehicle	O	Intersection
488491	1/10/2018	Wednesday	1:07 PM	Social St	Worrall St	WB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
496074	3/19/2018	Monday	3:11 PM	Social St	Worrall St	SB	Intersection		Daylight	Clear	Rear end	Vehicle-Vehicle	O	Intersection
508337	6/22/2018	Friday	7:13 PM	Social St	Worrall St	SB	Intersection	75 F/N	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Roadway Departure
508718	6/21/2018	Thursday	7:52 AM	Worrall St	Social St	SB	Intersection		Daylight	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Older Drivers
495976	1/28/2018	Sunday	12:57 PM	South Main St	River St	NB	Intersection	10 F/A	Daylight	Clear	Collision with Roadside Object	Vehicle-Fixed Object	O	Older Drivers
516046	8/19/2018	Sunday	2:34 PM	South Main St	River St	WB	Intersection	150 F/W	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
519925	9/5/2018	Wednesday	9:44 AM	South Main St	River St	SB	Intersection		Daylight	Clear	Head on	Vehicle-Vehicle	C	Older Drivers
520836	9/25/2018	Tuesday	4:55 PM	South Main St	River St	SB	Intersection		Daylight	Rain	Rear end	Vehicle-Vehicle	O	Intersection
520905	9/19/2018	Wednesday	2:33 PM	South Main St	River St	NB	Intersection			Cloudy	Rear end	Vehicle-Vehicle	O	Intersection
528458	11/15/2018	Thursday	5:59 PM	South Main St	River St		Intersection	50 F/E	Dark - Lighted	Clear	Sideswipe - Same Direction	Vehicle-Vehicle	O	Intersection
531868	12/3/2018	Monday	4:42 PM	Social St	Veterans Parkway	WB	Intersection	200 F/E	Daylight	Clear	Rear end	Vehicle-Vehicle	C	Intersection
528902	11/19/2018	Monday	5:08 PM	Truman Dr		SB	Segment		Dark - Lighted	Clear	Angle	Vehicle-Vehicle	B	Older Drivers

Appendix B – Speed Study



Computations

Project:	HSIP On-Call	Project #	73000.02
Location:	Clinton St	Sheet	1 of 1
Calculated by:	RTB and HM	Date:	
Checked by:		Date:	
Title	Speed Study		

Posted Speed: 25

Direction	EB	
1	33	
2	37	
3	24	
4	23	
5	21	
6	22	
7	27	
8	26	
9	25	
10	28	
11	29	
12	31	
13	29	
14	29	
15	25	
16	24	
17	41	
18	32	
19	31	
20	33	
21	31	
22	29	
23	23	
24	31	
25	43	
26	31	
27	27	
28	28	
29	32	
30	30	
31	30	
32	35	
33	31	
34	30	
35	25	
36	30	
37	26	
38	27	
39	28	
40	32	
41	29	
42	31	
43		
44		
45		
46		
47		
48		
49		
50		
50th Percentile	30	
85th Percentile	32	

Notes:

Weather:
Cloudy, 43 degrees

Unusual Behavior

Parking, etc:
N/A



Computations

Project:	HSIP On-Call	Project #	73000.02
Location:	Hamlet Ave	Sheet	1 of 1
Calculated by:	RTB and HM	Date:	
Checked by:		Date:	
Title	Speed Study		

Posted Speed: 25

Direction	EB	WB
1	24	28
2	23	34
3	26	29
4	24	19
5	34	27
6	30	24
7	26	20
8	14	27
9	22	16
10	20	18
11	19	26
12	28	27
13	35	27
14	28	28
15	29	27
16	31	19
17	28	21
18	25	27
19	26	28
20	28	19
21	20	27
22	29	26
23	28	21
24	25	23
25	22	27
26	33	32
27	27	29
28	27	26
29	30	25
30	24	26
31	22	26
32	28	23
33	31	24
34	30	21
35	28	29
36	28	31
37	28	28
38	26	30
39	20	22
40	27	28
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
50th Percentile	27	26
85th Percentile	30	29

Notes:

Weather:
Cloudy, 43 degrees

Unusual Behavior

Parking, etc:
WB parking



Computations

Project: HSIP On-Call
 Location: Main St @ Town Hall
 Calculated by: RTB and HM
 Checked by:
 Title: Speed Study

Project # 73000.02
 Sheet 1 of 1
 Date:
 Date:

Posted Speed: 25

Direction	NB	SB
1	17	19
2	20	17
3	14	20
4	22	17
5	17	18
6	18	23
7	19	21
8	20	21
9	15	22
10	20	19
11	16	17
12	17	21
13	18	17
14	16	15
15	21	25
16	14	25
17	18	25
18	15	20
19	19	18
20	17	17
21	20	23
22	24	26
23	22	16
24	21	21
25	19	21
26	17	20
27	21	18
28	21	16
29	19	24
30	17	22
31	22	22
32	20	25
33	23	25
34	21	23
35	18	19
36	23	23
37	21	24
38	16	23
39	17	20
40	16	26
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
50th Percentile	19	21
85th Percentile	22	25

Notes:

Weather:
 Sunny, 43 degrees

Unusual Behavior

Parking, etc:
 NB side only
 SB sidewalk closed after crosswalk

Parking reduces visibility
 at NB crosswalk



Computations

Project:	HSIP On-Call	Project #	73000.02
Location:	Park Avenue Woonsocket	Sheet	1 of 1
Calculated by:	RTB	Date:	10/3/2019
Checked by:		Date:	
Title	Speed Study		

Posted Speed:

25 MPH

Direction	NB	SB
1	19	26
2	20	20
3	25	23
4	22	25
5	25	31
6	17	26
7	28	24
8	26	23
9	22	25
10	15	20
11	25	23
12	23	25
13	26	19
14	24	27
15	20	24
16	31	36
17	28	25
18	24	28
19	28	21
20	21	22
21	27	27
22	24	25
23	22	26
24	24	21
25	23	21
26	23	22
27	17	25
28	30	24
29	26	22
30	26	16
31	18	30
32	24	22
33	27	28
34	28	23
35	29	17
36	28	28
37	22	19
38	22	24
39	25	16
40	26	26
41	16	19
42	27	24
43	22	23
44	26	26
45	22	31
46	23	29
47	20	27
48	23	26
49	28	30
50	22	28
50th Percentile	24	25
85th Percentile	28	28

Notes:

Weather:

Cloudy

Unusual Behavior

Parking, etc:

SB only; consider moving crosswalk further from intersection



Computations

Project: HSIP On-Call
 Location: Social St
 Calculated by: RTB and HM
 Checked by:
 Title: Speed Study

Project # 73000.02
 Sheet 1 of 1
 Date:
 Date:

Posted Speed: 25

Direction	WB	
1	31	
2	25	
3	30	
4	31	
5	27	
6	29	
7	25	
8	27	
9	29	
10	28	
11	26	
12	28	
13	24	
14	31	
15	32	
16	31	
17	34	
18	25	
19	29	
20	22	
21	25	
22	23	
23	24	
24	32	
25	21	
26	23	
27	24	
28	16	
29	23	
30	24	
31	34	
32	22	
33	25	
34	24	
35	29	
36	20	
37	33	
38	28	
39	29	
40	28	
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
50th Percentile	27	
85th Percentile	31	

Notes:

Weather:
 Cloudy, 43 degrees

Unusual Behavior

Parking, etc:
 NONE



Computations

Project: HSIP On-Call
 Location: Truman Drive Woonsocket
 Calculated by: RTB
 Checked by: _____
 Title: Speed Study

Project # 73000.02
 Sheet 1 of 1
 Date: 10/2/2019
 Date: _____

Posted Speed:

30 MPH

Direction	EB	WB
1	24	29
2	24	28
3	26	23
4	30	33
5	27	31
6	25	24
7	31	27
8	26	35
9	27	29
10	34	30
11	32	36
12	34	33
13	30	29
14	20	30
15	24	34
16	30	42
17	28	33
18	29	29
19	27	26
20	23	32
21	27	29
22	23	32
23	25	29
24	30	31
25	28	29
26	35	27
27	29	23
28	25	31
29	34	20
30	31	25
31	38	25
32	25	28
33	30	25
34	33	28
35	26	27
36	28	32
37	25	38
38	26	34
39	23	36
40	27	41
41	33	36
42	30	36
43	36	33
44	30	36
45	33	32
46	30	22
47	37	30
48	36	33
49	31	32
50	34	33
50th Percentile	29	31
85th Percentile	34	36

Notes:

Weather:
 Cloudy

Unusual Behavior
 Construction at roundabout
 (not in roadway)

Parking, etc:
 2 travel lanes in each direction,
 taper down to 1 entering roundabout
 (WB)