

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

# Traffic Management Plan

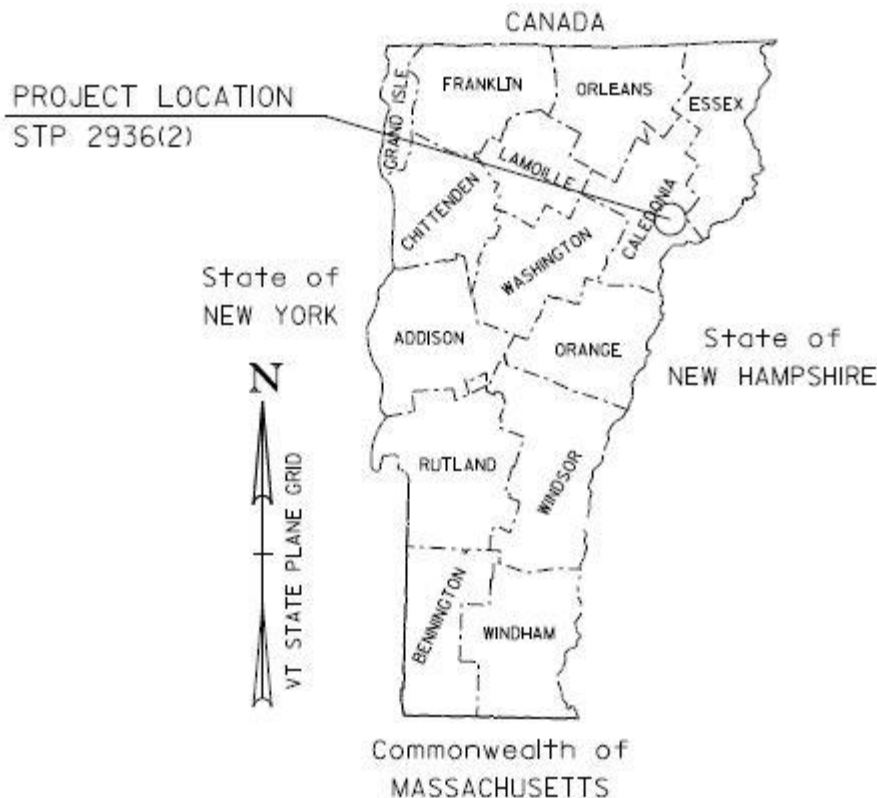
FOR

## St. Johnsbury-Lyndon STP 2936(2)

U.S. Route 5 (Memorial Drive), Concord Avenue & Mill Street

U.S. Route 5 (Broad Street), Hill Street & Depot Street

September 27, 2017



This TMP and the information contained herein is for informational purposes only and has been developed for use by the Contractor in the development of any required site specific traffic control plan. The information as contained in the TMP should not be considered “all inclusive” of conditions or scenarios that will be encountered on site during construction operations. Rather, it should be used in conjunction with all other contract plans, specifications and other requirements when preparing any site specific traffic control plan.

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## 1.0 Project Description

This section provides an overview of the project:

### ▪ Project Location

- Town of Lyndon on U.S. Route 5 (Broad Street) (Class I Town Highway), Hill Street and Depot Street (Class 3 Town Highways).
- Town of St. Johnsbury on U.S. Route 5 (Memorial Drive), Concord Avenue and Mill Street inside the Urban Compact.

### ▪ Work zone limits

#### Town of Lyndon

- The grade crossing reconstruction at Depot Street at Washington County Railroad (WACR) mile post 34.74 work zone limits will extend 66'-6" west and 66'-6" east down Depot Street. The improvements will extend from Station L 18+74 to L 21+19 along the railroad alignment. Signing, striping and signal improvements will be installed/made on Depot Street east and west of the grade crossing.
- The grade crossing reconstruction at Hill Street at WACR mile post 34.90, will extend 66'-6" west and 66'-6" east down Hill Street. Along the railroad alignment, the improvements will extend from Station L 10+41 to L 12+89. Signing, striping and signal improvements will be installed/made on Hill Street east and west of the grade crossing.
- The grade crossing at Broad St. at WACR mile post 34.95 will have signing, striping and signal improvements at or near existing devices or markings related to the crossing.

#### Town of St. Johnsbury

- The grade crossing at U.S. Route 5 (Memorial Drive) at WACR mile post 42.5 will have signing, striping and signal improvements at or near existing devices or markings related to the crossing.
- The grade crossing at Concord Avenue at WACR mile post 42.91 will have signing, striping and signal improvements at or near existing devices or markings related to the crossing.
- The grade crossing at Mill Street at WACR mile post 43.03 will have signing, striping and signal improvements at or near existing devices or markings related to the crossing.

- **Project background information.**
  - Work to be performed under this project includes the removal and replacement of six grade crossing active warning systems; three in the Town of Lyndon and three in the Town of St. Johnsbury; the reconstruction of two existing grade crossing surface locations in the Town of Lyndon; and signing and striping upgrades at all six grade crossing locations.
- **Overview of roadways directly affected by project work zones**
  - Work will extend 66'-6", or as shown on the plans, on either side of the grade crossings at Depot Street and Hill Street in the Town of Lyndon. This will affect all town highways within the project limits along U.S. Route 5 during construction.
- **Specific traffic restrictions expected on major roadways during the work**
  - Traffic restrictions expected during construction will be shoulder and lane closures with flagging operations as well as partial intersection closures.
  - Detours will be utilized at the Hill Street and Depot Street grade crossings in the Town of Lyndon.
- **Regional projects that may impact each other**
  - None
- **Project Schedule**
  - Target Construction Schedule: Construction activities are scheduled to begin in Spring 2018 and last one construction season with completion Fall of 2018.

## 2.0 TMP Team—Roles and Responsibilities

Roles and responsibilities are defined below to help coordinate all the activities related to TMP development, implementation, and monitoring. This section includes contact information and roles and responsibilities for major personnel involved in the project.

- **TMP Development Managers**—Agency/Contractor personnel who have primary responsibility for reviewing and approving the TMP.
- **TMP Implementation Task Leaders**—Responsible for managing or overseeing specific transportation management tasks during the execution of the work.
- **Emergency Contacts**—Public and semi-public agencies, such as hospitals, police, fire, schools, health clinics, etc., who must be kept informed about the work zone activities, especially in case of a road closure.

### TMP Development Managers

Vermont Agency of Transportation (VTrans)	Consultant
Name/Title: Brandon W. Kipp, P.E./Project Manager Unit: Highway Safety and Design Phone: (802) 828-5478 Email: Brandon.kipp@vermont.gov	Name/Title: Dale E. Gozalkowski, P.E./Project Manager Phone: (518) 453-4551 Email: dgozalkowski@chacompanies.com
<b>Roles and Responsibilities:</b> Review and approval of the Traffic Management Plan prepared by the Contractor.	

### TMP Implementation Task Leaders

VTrans	VTrans
Name/Title: /Regional Construction Engineer Unit: Phone: Email:	Name/Title: /Resident Engineer Phone: Pager: Email:
<b>Roles and Responsibilities:</b> Overseeing traffic management task on-site while construction activities are being executed.	

### Emergency Service Contacts

Fire and Emergency Medical Services (FEMS)	Police Department (PD)
Name/Title: Gregory Hopkins/Chief Lyndonville Fire Department Phone: (802) 626-4100 Email: N/A	Name/Title: Jack Harris/Chief of Police Lyndonville Police Department Phone: (802) 626-1271 Email: N/A
Name/Title: Troy Ruggles/Chief St. Johnsbury Fire Department Phone: (802) 748-8925 Email: truggles@stjvt.com	Name/Title: Clement Houde/Chief of Police St. Johnsbury Police Department Phone: (802) 748-3926 Email: choude@stjvt.com
<b>Roles and Responsibilities:</b> Provide emergency response services as required.	

Contractor Contacts	
Contractor	Superintendent
Name/Title:	Name/Title:
Address:	Unit:
Phone:	Phone:
Email:	Email:
<b>Roles and Responsibilities:</b> Prepare and execute the Traffic Management Plan that addresses site specific vehicular and pedestrian mobility needs. Actively engage the emergency response personnel when the project is about to be advanced in a manner that could impact their operations or ability to serve people.	
Contractor's Competent Person	Contractor's Safety Officer
Name/Title:	Name/Title:
Unit:	Unit:
Phone:	Phone:
Email:	Email:
<b>Roles and Responsibilities:</b> Points of contact for concerns raised after the Traffic Management Plan is implemented and the Contractor's CEO or Superintendent are not readily available.	

### 3.0 Preliminary Work Zone Impact Assessment

This preliminary assessment of the work zone has been performed to help identify issues or uncover problem areas that should be considered during project development. However, the information contained herein is for informational purposes only and has been developed for use by the Contractor in the development of any required site specific traffic control plan. The information as contained in the TMP should not be considered "all inclusive" of conditions or scenarios that will be encountered on site during construction operations. Rather, it should be used in conjunction with all other contract plans, specifications and other requirements when preparing any site specific traffic control plan.

**Does the project include a long-term closure and/or extended weekend closure?**

**If yes, what is/are the applicable type of facility(ies)?**

- No

**Can traffic be detoured?**

Town of Lyndon

- Detours will be utilized along Williams Street during construction of the Hill Street and Depot Street grade crossings.
- It is not foreseen that an official detour route will be needed for grade crossings at U.S. Route 5 (Broad Street) due to the limited impact of improvements.

Town of St. Johnsbury

- It is not foreseen that an official detour route will be needed for grade crossings at U.S. Route 5 (Memorial Drive), Concord Avenue and Mill Street due to the limited impact of improvements.

**Is the existing shoulder sufficient to support traffic during construction?**

- Existing shoulder widths are minimal, detours and one-lane, two-way controlled operations will be utilized.

**Is additional width required on culverts or bridges to maintain traffic?**

- N/A

**Is there a pedestrian/bicycle facility that must be maintained?**

- Accessibility of the sidewalk ramps and crosswalks on Depot Street shall be maintained during construction. A pedestrian traffic control plan will need to be developed by the Contractor.

**Would a temporary structure(s) be required?**

- N/A

**Would a median crossover be needed?**

- N/A

**Would there be a need to maintain railroad traffic?**

- No. Short-term closures are anticipated. Local detours at two crossings (Hill Street and Depot Street in the Town of Lyndon) will be utilized.

**Could maintenance of traffic have an impact on existing or proposed utilities?**

- Existing utilities (e.g. drop inlets, sewer manholes, telephone manholes and water valves) within the limits of the pavement will be adjusted during construction while traffic is detoured around the grade crossings at Hill Street and Depot Street in the Town of Lyndon.
- Existing utilities will not impacted for grade crossings at U.S. Route 5(Broad Street) in the Town of Lyndon, U.S. Route 5 (Memorial Drive), Concord Avenue and Mill Street in the Town of St. Johnsbury due to the limited impact of improvements.

**Does it appear that maintenance of traffic will require additional right-of-way?**

- No, traffic will remain within the town highway right-of-way throughout construction.

**Can the Contractor restrict the roadway during the time periods listed?**

- a.m. peak hours, one direction – No, alternating one-way traffic will only be allowed during non-peak hours.
- p.m. peak hours, one direction – No, alternating one-way traffic will only be allowed during non-peak hours.
- a.m. peak hours, both directions – No, at minimum, alternating one-way traffic shall be maintained throughout construction and will only be allowed during non-peak hours.
- p.m. peak hours, both directions – No, at minimum, alternating one-way traffic shall be maintained throughout construction and will only be allowed during non-peak hours.
- Overnight – Yes, see Appendix B for night work restrictions.
- Local celebrations – No, construction shall not restrict the roadway during local celebrations.

- Holidays or weekends – No, construction shall not restrict the roadway during holidays or weekend events.
- Sporting events/other special events – No, construction shall not restrict the roadway during special events.

**Will project timing (for example, start or end date) be affected by special events?**

- School closings or openings: No, classes at local schools, and the Lyndon State College of Vermont will begin and end during the construction season, however, it is anticipated the work shall be scheduled around these dates.
- Holidays: No
- Special Events: No
- It should be assumed that work will not be permitted during the holidays, weekends and during events listed above unless prior permission is obtained from VTrans, the Town of Lyndon and St. Johnsbury.

**Are there any projects to be considered along the corridor or in the region?**

- Roadwork in the immediate area that may affect traffic or the Contractor’s operations?
  - No
- Roadwork on other roads that may affect the use of alternate routes?
  - No

**Are there other maintenance of traffic issues? If so, specify.**

- There are no major maintenance of traffic issues to be noted within the Towns of Lyndon and St. Johnsbury.

## 4.0 Existing Conditions

This section provides the Contractor an overview of the existing conditions within the project area. However, the information contained herein is for informational purposes only and has been developed for use by the Contractor in the development of any required site specific traffic control plan. The information as contained in the TMP should not be considered “all inclusive” of conditions or scenarios that will be encountered on site during construction operations. Rather, it should be used in conjunction with all other contract plans, specifications and other requirements when preparing any site specific traffic control plan.

- **Roadway characteristics (history, roadway classification, number of lanes, geometrics, urban/suburban/rural).**
  - Roadway Classification:
    - U.S. Route 5 (Broad Street), Town of Lyndon – Major Collector
    - U.S. Route 5 (Memorial Drive), Town of St. Johnsbury – Minor Arterial
  - Roadway Lane/Shoulder Widths:
    - Town of Lyndon
      - Depot Street – 12’/3’



- Hill Street – 10’/0’
- U.S Route 5 (Broad Street) – 12’/4’-0’

Town of St. Johnsbury

- Concord Avenue – 11’/4’-0’
- Mill Street – 12’/0’
- U.S. Route 5 (Memorial Drive) – 10’/0’

The Contractor shall field verify lane and shoulder widths prior to development of a site specific traffic control plan.

- **Historic traffic data (volumes, speed, capacity).**
  - A traffic study of U.S. Route 5 was performed by the Vermont Agency of Transportation. The traffic volumes are projected for the years 2017 and 2027.

Town of St. Johnsbury

Traffic Data U.S. Route 5						
Location	AADT		DHV		ESALs	
	2017	2027	2017	2027	2017-2027	2017-2037
<b>St. Johnsbury:</b>						
<b>U.S. Rte. 5 – MM 2.655 (Crosses U.S. Rte. 5)</b>	8,200	8,600	940	990	1,091,000	2,630,000
<b>U.S. Rte. 5 – MM 2.246 (Crosses Concord Ave.)</b>	3,900	4,200	440	470	348,000	852,000
<b>U.S. Rte. 5 – MM 2.097 (Crosses Mill St.)</b>	730	770	120	130	110,000	220,000

Town of Lyndon

Traffic Data Vermont Route 5						
Location	AADT		DHV		ESALs	
	2017	2027	2017	2027	2017-2027	2017-2037
<b>Lyndon</b>						
<b>U.S. Rte. 5 – MM 2.881 (Crosses Depot St.)</b>	3,800	4,100	480	520	581,000	1,172,000
<b>U.S. Rte. 5 – MM 2.701 (Crosses Hill St.)</b>	1,000	1,100	200	220	155,000	315,000
<b>U.S. Rte. 5 – MM 2.663 (Crosses U.S. Rte. 5)</b>	12,900	13,700	1500	1,600	2,803,000	6,582,000

- Posted/Design Speed:
  - Town of Lyndon grade crossings:
    - U.S. Route 5 (Broad Street), south of project to Hill Street – 35 mph
    - Hill Street – 25 mph
    - Depot Street – 25 mph
  - Town of St. Johnsbury grade crossings:
    - U.S. Route 5 (Memorial Drive) – 30 mph
    - Concord Avenue – 30 mph
    - Mill Street – 30 mph
- **Traffic operations (signal timing, traffic controls).**
  - Traffic signal locations (intersections):
    - Town of St. Johnsbury grade crossings:
      - Concord Avenue @ U.S. Route 5 (Railroad Street)
      - Hastings Street @ U.S. Route 5 (Railroad Street/Memorial Drive)
  - Stop sign locations (main routes):
    - Town of Lyndon grade crossings:
      - Hill Street @ U.S. Route 5 (Broad Street)
      - Williams Street @ Hill Street (Detour)
      - Williams Street @ Depot Street (Detour)
      - U.S. Route 5 (Broad Street) @ Depot Street (Detour)
    - Town of St. Johnsbury grade crossings:
      - Mill Street @ U.S. Route 5 (Railroad Street)
      - Old Center Road @ U.S. Route 5 (Memorial Drive)
  - Yield locations (main routes):
    - N/A

- **Crash data.**

Crash data obtained from the Vermont Agency of Transportation Public Crash Data Query Tool between the years of 2012 and 2017 can be found in Appendix A of this document.

### **Pedestrian/bicycle facilities.**

- There are sidewalks, sidewalk ramps, and crosswalks at the grade crossings.
- U.S. Route 5 (Broad Street) in the Town of Lyndon is a designated Vermont Bike Route.
- It is the Contractor's responsibility to develop the traffic control plan in a manner that provides pedestrian and bicycle accommodations throughout all phases of construction. Including site specific solutions for the various operations that are anticipated.
- **Transit Facilities.**
  - The Rural Community Transportation, Inc. operates the Jay-Lyn shuttle bus route through the Towns of Lyndon and St. Johnsbury. The Contractor shall contact the Rural Community Transportation, Inc. at (802) 748-8170 for scheduled pick up times.
- **Truck routes.**
  - U.S. Route 5 Bridge at Maple in the Town of St. Johnsbury has a 16,000 lb. weight limit requiring no permit.
- **Local community and business concerns/issues.**
  - Comments/concerns regarding traffic operations, delays, access/egress, etc., that have been received from community, business representatives, and stakeholders during the planning and design stages of the project development:
    - None noted at this time.
  - Specific concerns on pedestrian, bicycle, transit facilities, etc.
    - None noted at this time.

## **5.0 Work Zone Impact Management Strategies**

This section provides an overview of various strategies that may be incorporated by the Contractor to improve the safety and mobility of the work zone and reduce the work zone impacts on the road users, community, and businesses. The strategies are grouped according to the following categories:

1. Temporary Traffic Control (TTC)
2. Transportation Operations (TO)
3. Public Information and Outreach (PI&O)

## 5.1. Temporary Traffic Control (TTC)

Typical Applications from the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) shall be used to facilitate road users through the work zone. These Typical Applications can be found in part 6 of MUTCD, temporary traffic control. Proper use of these methods shall be used to ensure a safe and efficient road user flow and highway worker safety when a work zone, incident, or other event temporarily disrupts normal traffic. The Typical Applications provided below should not be considered “all inclusive” of conditions or scenarios that will be encountered on site during construction operations.

- MUTCD Typical Applications recommended for this project include:
  - Typical Application 1 – Work Beyond the Shoulder
  - Typical Application 10 – Lane Closure on a Two-Lane Road Using Flaggers
  - Typical Application 20 – Detour for closed Street
  - Typical Application 27 – Closure at the Side of an Intersection
  - Typical Application 28 – Sidewalk Closures and Bypass Sidewalks
  - Typical Application 29 – Crosswalk Closures and Pedestrian Detours
  - Typical Application 46 – Work in Vicinity of Highway-Rail Grade Crossing

These Typical Applications are not intended to be the only traffic control applications that are available to the Contractor. The Contractor shall develop site specific traffic control plans.

Temporary Traffic Control	√
<b>Control Strategies</b>	
1. Construction phasing/staging	<b>X</b>
2. Full roadway closures	<b>X</b>
3. Lane shifts or closures	<b>X</b>
4. One-lane, two-way controlled operation	<b>X</b>
5. Two-way, one-lane traffic/reversible lanes	
6. Ramp closures/relocation	
7. Freeway-to-freeway interchange closures	
8. Night work	<b>X</b>
9. Weekend work	
10. Work hour restrictions for peak travel	<b>X</b>
11. Pedestrian access improvements	
12. Bicycle access improvements	
13. Business access improvements	
14. Off-site detours/use of alternate routes	<b>X</b>

Temporary Traffic Control	√
15. Temporary signs	X
16. Arrow boards	
17. Channelizing devices	X
18. Temporary pavement markings	
19. Flaggers and uniformed traffic control officers	X
20. Temporary traffic signals	
21. Lighting devices	
<b>Project Coordination Strategies</b>	
22. Other area projects	X
23. Utilities	X
24. Right-of-Way	
25. Other transportation infrastructure	X
<b>Innovative Contracting Strategies</b>	
26. Design-Build	
27. A+B Bidding	
28. Incentive/Disincentive clauses	
29. Lane rental	
30. Performance specifications	
<b>Innovative or Accelerated Construction Techniques</b>	
31. Prefabricated/precast elements	
32. Rapid cure materials	

## 5.2. Transportation Operations (TO)

The TO component shall include the identification of strategies to mitigate impacts of the work zone on the operation of the transportation system within the work zone impact area. The work zone impact area consists of the immediate work zone as well as affects to the surrounding roadways and communities. Additional information can be acquired from the [“Workzone Safety and Mobility Guidelines”](#) (WSMG) and [“Appendix A”](#) in the WSMG document:

Examples of practices that may be used to satisfy the TO component may be found at:  
[http://www.ops.fhwa.AOT.gov/wz/rule\\_guide/sec6.htm#sec63](http://www.ops.fhwa.AOT.gov/wz/rule_guide/sec6.htm#sec63)

Transportation Operations	√
<b>Demand Management Strategies</b>	
1. Transit service improvements	
2. Transit incentives	
3. Shuttle services	
4. Parking supply management	
5. Variable work hours	
6. Telecommuting	
7. Ridesharing/carpooling incentives	
8. Park-and-Ride promotion	
<b>Corridor/Network Management Strategies</b>	
9. Signal timing/coordination improvements	
10. Temporary traffic signals	
11. Street/intersection improvements	
12. Bus turnouts	
13. Turn restrictions	
14. Parking restrictions	
15. Truck/heavy vehicle restrictions	
16. Reversible lanes	
17. Dynamic lane closure system	
18. Ramp closures	
19. Railroad crossing controls	<b>X</b>
20. Coordination with adjacent construction site(s)	<b>X</b>
<b>Work Zone ITS Strategies</b>	
21. Late lane merge	
22. PCMS with speed display	
23. Travel time estimation system	
24. Advanced speed information system	
25. Advanced congestion warning system	
26. Conflict warning system (e.g., construction vehicles entering roadway)	
27. Travel time monitor system	
28. Freeway queue monitor system	
29. CCTV monitoring	
30. Real-time detour	
<b>Work Zone Safety Management Strategies</b>	
31. Speed limit reduction/variable speed limits	

Transportation Operations	√
32. Temporary traffic signals	
33. Temporary traffic barrier	
34. Movable traffic barrier systems	
35. Crash cushions	
36. Temporary rumble strips	
37. Intrusion alarms	
38. Warning lights	
39. Automated flagger assistance devices (AFADs)	

*Contingency/Incident Management Plans*—The Contractor shall consider developing a contingency plan that addresses specific actions that will be taken to restore or minimize impacts on traffic when the congestion or delay exceeds original estimates due to unforeseen events. This includes work-zone crashes, traffic volumes higher than predicted traffic demand, delayed pick-up of lane closures, etc.

The Contingency/Incident Management plan shall include a collaborative effort with the emergency response and the public safety community. Development of such a plan is crucial in the early phases to properly integrate the concerns of the first responder personnel. The Contractor shall consider key components, such as the following six items, in developing the plan:

(1) Incident Detection and Verification; (2) Incident Classification and Response; (3) Site Management; (4) Site Clearance; (5) Motorist Information; (6) Evaluation.

### 5.3. Public Information and Outreach (PI&O)

*The PI component shall include communication strategies that seek to inform the general public of work zone impacts and the changing condition of the project. The general public may include road users, area residences and businesses, and other public entities. Examples of communications strategies that may be used to satisfy the PI component may be found at:*

[http://www.ops.fhwa.AOT.gov/wz/rule\\_guide/sec6.htm#sec63](http://www.ops.fhwa.AOT.gov/wz/rule_guide/sec6.htm#sec63).

Public Information and Outreach is important to all projects that will have an impact on the public project. This project will create an impact to travelers, businesses, residents, and truckers for the construction season. Properly informing these stakeholders of what to expect during construction will ensure proper public support and reduce problems during construction. It is important to be upfront and clear on the impacts that this project will have on the community, and as such the following measures are recommended:

- Factsheets
  - A project factsheet can be used to describe the project and why and when it is taking place.
- Business concerns/issues
- Public Input and Surveys
- Social Media to inform the public

<b>Public Information and Outreach</b>		√
<b>Public Awareness Strategies</b>		
1. Branding		
2. Press kits		<b>X</b>
3. Brochures and mailers		<b>X</b>
4. Press releases/media alerts		<b>X</b>
5. Mass media (earned and/or paid)		
6. Paid advertisements		
7. Project Information Center		
8. Telephone hotline		
9. Planned lane closure website		
10. Project website		
11. Public meetings/hearings, workshops		
12. Community task forces		
13. Coordination with media/schools/business/emergency services		<b>X</b>
14. Work zone education and safety campaigns		
15. Work zone safety highway signs		<b>X</b>
16. Rideshare promotions		
17. Visual information		
<b>Motorist Information Strategies</b>		
18. Radio traffic news		
19. Changeable message signs		
20. Temporary motorist information signs		
21. Dynamic speed message sign		
22. Highway Advisory Radio (HAR)		
23. Extinguishable Signs		
24. Highway information network (web-based)		
25. Traveler information systems(wireless, handheld)		
26. Transportation Management Center (TMC)		
27. Live traffic camera(s) on a website		
28. Project information hotline		
29. Email alerts		



## 6.0 Notes

## 7.0 TMP Implementation/Monitoring

The TMP needs to be implemented in the field, as specified, unless any changes have been approved by the agency. To help ensure appropriate implementation, 23 CFR 630 Subpart J §630.1012(e) requires that the State/Agency and the Contractor each designate a trained person at the project level who has the primary responsibility and sufficient authority for implementing the TMP and other safety and mobility aspects of the project.

Monitoring the performance of the TMP during the construction phase is important to establish whether the predicted impacts closely resemble the actual conditions in the field, and whether the TMP strategies are effective in managing the impacts. TMP monitoring is needed for both oversight and evaluation purposes, such as:

- Monitoring and documenting TMP changes during construction.
- Preparing an evaluation of the TMP, including lessons learned.
- Refining work zone impact analysis processes and models based on outcomes.

TMP monitoring includes details of any specific observational, logging, and/or recording activities conducted during the project for work zone performance measurement purposes. Examples of possible performance measures for TMP monitoring include:

- Volume
- LOS
- Queue length
- Delay
- Travel time
- Number of crashes/incidents
- Incident response and clearance times
- Type and frequency of legitimate complaints received.

The Contractor shall meet with the TMP Implementation Task Leaders on a regular basis to discuss and assess the safety and mobility impacts of the project work zone to date. This helps to assess how well the TMP is managing the project impacts, and can help identify and address issues before they become problems. It also provides the opportunity to verify that all key stakeholders and project officials have been receiving timely notifications where required.

## 8.0 TMP Review/Approvals

TMPs, and changes to TMPs, must be approved by VTrans before they are implemented.

## 9.0 Appendices

- A. Crash Data
- B. Night Work Restrictions

# APPENDIX A

# CRASH DATA

Crash Date	Town	AOT Route	Crash Type	Collision Direction	Weather	Time of Day	Intersection With
4/2/2013 12:10	Lyndon	BROAD ST	Property Damage Only	Rear End	Clear	Day	Center St.
8/4/2014 5:45	Lyndon	BROAD ST	Property Damage Only	Rear-to-rear	Clear	Night	Fordhams Mobil Station PL
1/25/2015 18:14	Lyndon	BROAD ST	Property Damage Only	Head On	Clear	Night	Cumberland Farms PL
3/10/2013 12:08	Lyndon	BROAD ST	Property Damage Only	Single Vehicle Crash	Clear	Day	Miss Lyndonville Diner
5/2/2013 9:48	Lyndon	BROAD ST	Property Damage Only	Rear End	Clear	Day	Tute Hill Rd.
5/24/2015 21:24	Lyndon	BROAD ST	Property Damage Only	Single Vehicle Crash	Clear	Night	Cumberland Farms
12/8/2014 20:15	St. Johnsbury	CONCORD AVE.	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Night	Parker St
12/16/2012 12:47	St. Johnsbury	CONCORD AVE.	Property Damage Only	Single Vehicle Crash	Freezing Precipitation	Day	Pleasant St
2/14/2015 9:30	St. Johnsbury	CONCORD AVE.	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Cloudy	Day	Elm St
2/16/2017 14:44	St. Johnsbury	CONCORD AVE.	Property Damage Only	Rear End	Clear	Day	Harrison Ave
3/1/2016 7:12	St. Johnsbury	CONCORD AVE.	Property Damage Only	Rear End	Clear	Day	Jones St
3/13/2014 12:13	St. Johnsbury	CONCORD AVE.	Property Damage Only	Rear End	Wind	Day	Elm St
3/31/2013 9:37	St. Johnsbury	CONCORD AVE.	Property Damage Only	Single Vehicle Crash	Clear	Day	Elm St
11/7/2012 15:25	St. Johnsbury	CONCORD AVE.	Property Damage Only	Rear End	Cloudy	Day	Pleasant St
1/4/2012 14:05	Lyndon	DEPOT ST	Property Damage Only	Single Vehicle Crash	Clear	Day	Williams St
1/18/2015 14:07	Lyndon	DEPOT ST	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Cloudy	Day	Charles St
2/10/2012 21:45	Lyndon	HILL ST	Property Damage Only	Rear-to-rear	Cloudy	Night	Packing House Parking Lot
11/12/2012 15:00	Lyndon	HILL ST	Property Damage Only	Single Vehicle Crash	Clear	Day	Lily Pond Rd
4/6/2014 6:45	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Day	Stevens Loop
4/7/2012 3:51	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	VT Route 114
4/8/2013 12:45	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Main St.
4/8/2015 9:55	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	St. John Street
4/8/2016 9:09	Lyndon	US-5	Injury	Single Vehicle Crash	Rain	Day	686 Broad Street
4/9/2015 6:10	St. Johnsbury	US-5	Injury	Opp Direction Sideswipe	Cloudy	Day	Hospital Drive
4/11/2012 15:59	St. Johnsbury	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Day	Breezy Hill Rd
4/11/2012 9:20	Lyndon	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Day	East Burke Rd
4/11/2013 7:50	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Day	Quest Transportation
4/13/2014 16:15	Lyndon	US-5	Injury	Rear End	Clear	Day	Vt Rt 114
4/15/2012 12:15	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Depot Hill Road
4/15/2016 12:31	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Clear	Day	Tremont St
4/16/2017 11:59	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Maple Street
4/20/2015 9:46	St. Johnsbury	US-5	Property Damage Only	Rear-to-rear	Cloudy	Day	MAPLE ST
4/24/2017 17:44	St. Johnsbury	US-5	Property Damage Only	Rear End	Cloudy	Day	Hospital Drive
4/26/2013 7:37	Lyndon	US-5	Property Damage Only	Head On	Clear	Day	Gilman Rd.
4/26/2017 9:53	St. Johnsbury	US-5	Injury	No Turns, Thru moves only, Broadside ^<	Rain	Day	Jack's Lazer Car Wash
8/1/2013 17:07	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Grove St.
8/5/2012 20:33	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Night	Pierce Rd
8/5/2013 15:15	Lyndon	US-5	Property Damage Only	Head On	Clear	Day	Back Center Rd.
8/5/2013 16:00	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Day	Grove St.
8/6/2014 11:25	Lyndon	US-5	Injury	Rear End	Clear	Day	Charles St
8/13/2012 15:42	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Clear	Day	Industrial Parkway
8/17/2012 9:45	Lyndon	US-5	Injury	Other - Explain in Narrative	Clear	Day	Calendar Brook Rd.
8/19/2016 11:55	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	Pierce Rd
8/25/2014 7:38	Lyndon	US-5	Property Damage Only	Head On	Clear	Day	Hill St
8/26/2015 7:18	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Exit 20 S Off Ramp
8/27/2014 17:12	St. Johnsbury	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Day	Us Rt 5
8/31/2012 23:37	St. Johnsbury	US-5	Injury	Opp Direction Sideswipe	Rain	Night	Hastings Hill
12/5/2015 19:58	Lyndon	US-5	Property Damage Only	Head On	Clear	Night	
12/7/2015 17:01	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Night	316 Main Street
12/8/2012 2:58	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	Ramuntos
12/9/2012 8:49	Lyndon	US-5	Injury	Single Vehicle Crash	Clear	Day	Main Street
12/17/2013 15:56	Lyndon	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Freezing Precipitation	Day	VT Rte 122/VT Rt 114
12/20/2014 16:30	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	McDonalds
12/21/2015 7:21	St. Johnsbury	US-5	Property Damage Only	Right Turn and Thru, Broadside ^<--	Cloudy	Day	Railroad St

Crash Date	Town	AOT Route	Crash Type	Collision Direction	Weather	Time of Day	Intersection With
12/21/2016 5:45	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Night	
12/22/2012 15:57	St. Johnsbury	US-5	Property Damage Only	Rear End	Freezing Precipitation	Day	Concord Ave
12/23/2014 14:25	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Rain	Day	Portland St
12/24/2012 8:55	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Aubochoon Hardware
12/24/2016 11:15	Lyndon	US-5	Property Damage Only	Rear End	Freezing Precipitation	Day	VT Rt. 114
12/24/2016 11:31	Lyndon	US-5	Injury	Head On	Freezing Precipitation	Day	Red Village Road
12/26/2013 15:15	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Day	Industrial Parkway
12/27/2014 17:14	Lyndon	US-5	Injury	Rear End	Clear	Night	Lyndon Motor Lodge
12/29/2014 14:45	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Pleasant St
2/1/2016 11:45	St. Johnsbury	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Cloudy	Day	Hastings Hill
2/2/2015 13:55	St. Johnsbury	US-5	Property Damage Only	Head On	Freezing Precipitation	Day	Hospital Dr
2/2/2015 16:10	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Freezing Precipitation	Day	Maple St
2/3/2014 13:49	St. Johnsbury	US-5	Injury	Head On	Clear	Day	Pierce Rd
2/3/2015 5:25	Lyndon	US-5	Property Damage Only	Opp Direction Sideswipe	Cloudy	Night	Industrial Dr
2/4/2012 11:10	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	Hospital Drive
2/4/2016 11:37	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Day	Mt. Piscah Road
2/6/2015 14:20	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Cloudy	Day	Eastern Ave
2/7/2013 13:00	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Bagley St
2/7/2014 5:30	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Night	Center St.
2/7/2015 17:11	St. Johnsbury	US-5	Property Damage Only	Rear End	Cloudy	Night	Federal St
2/8/2012 11:05	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Depot Hill Road
2/9/2015 15:55	St. Johnsbury	US-5	Injury	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Concord Ave
2/10/2013 17:20	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Freezing Precipitation	Night	Red Village Rd
2/13/2012 8:07	St. Johnsbury	US-5	Property Damage Only	Head On	Cloudy	Day	Pierce Rd
2/13/2014 9:55	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	46 Memorial Dr
2/13/2017 7:20	St. Johnsbury	US-5	Property Damage Only	Rear End	Freezing Precipitation	Day	Northeastern VT Regional Correctional Facility
2/14/2012 11:08	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Head On ^v--	Clear	Day	Gordon Mills Way
2/14/2012 14:40	St. Johnsbury	US-5	Property Damage Only	Right Turn and Thru, Broadside ^<--	Clear	Day	Village Washtub Parking Lot
2/15/2015 11:20	Lyndon	US-5	Injury	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Northern Circle
2/16/2015 13:28	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Depot Street
2/17/2017 8:29	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Clear	Day	Depot Hill Road
2/17/2017 9:50	St. Johnsbury	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Unknown	Day	Railroad St;Maple St
2/19/2012 22:14	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	I91 SB On Ramp
2/22/2016 15:21	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Day	Vt Rt 114
2/27/2015 9:55	Lyndon	US-5	Property Damage Only	Right Turn and Thru, Same Direction Sideswipe/Angle	Clear	Day	Red Village Rd
2/29/2016 18:10	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Night	Calendar Brook Rd
1/1/2014 15:00	Lyndon	US-5	Property Damage Only	Right Turn and Thru, Broadside ^<--	Cloudy	Day	Broad Street
1/2/2015 10:35	Lyndon	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Cloudy	Day	White's Market Parking Lot
1/2/2015 12:30	Lyndon	US-5	Injury	Rear End	Clear	Day	Depot St
1/2/2015 14:30	Lyndon	US-5	Property Damage Only	Rear End	Cloudy	Day	Charles St
1/4/2016 16:07	Lyndon	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Day	Depot Street
1/5/2017 6:55	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Same Direction Sideswipe/Angle	Freezing Precipitation	Day	Industrial Parkway
1/6/2014 10:15	St. Johnsbury	US-5	Property Damage Only	Rear End	Cloudy	Day	Sanger Circle
1/7/2013 12:09	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	Subaru Dealership
1/9/2014 15:25	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Cloudy	Day	Hospital Dr
1/11/2016 19:36	Lyndon	US-5	Injury	Single Vehicle Crash	Freezing Precipitation	Night	Mcdonalds
1/12/2015 19:18	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Freezing Precipitation	Night	Passumpsic St
1/14/2012 17:22	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Night	Center St
1/14/2016 10:39	St. Johnsbury	US-5	Injury	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	
1/16/2013 8:25	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Freezing Precipitation	Day	St. Johnsbury Country Club
1/17/2012 9:20	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Grove St.
1/20/2012 6:50	St. Johnsbury	US-5	Property Damage Only	Rear End	Freezing Precipitation	Day	Main St
1/22/2013 12:18	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Red Village Rd.
1/23/2014 10:52	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	Pierce Rd

Crash Date	Town	AOT Route	Crash Type	Collision Direction	Weather	Time of Day	Intersection With
1/24/2013 12:45	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Gilman Rd.
1/26/2015 9:15	St. Johnsbury	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Day	I91 Exit 20 SB Ramp
1/27/2013 10:41	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Church St
1/27/2016 16:00	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Breezy Hill Road
1/29/2016 8:00	St. Johnsbury	US-5	Injury	Rear End	Cloudy	Day	St Johns St
1/29/2016 21:34	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Night	NERCF
1/29/2017 11:29	Lyndon	US-5	Property Damage Only	Opp Direction Sideswipe	Clear	Day	McDonald's Restaurant
1/31/2014 13:24	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	Aubuchon Hardware
7/1/2016 15:51	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	
7/1/2016 9:30	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Clear	Day	Kinney Drug
7/2/2015 13:15	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Cloudy	Day	Twin State Ford
7/4/2013 16:44	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Rain	Day	Memorial Dr/Country Club
7/6/2012 12:55	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Day	Industrial Parkway
7/9/2015 12:05	St. Johnsbury	US-5	Property Damage Only	Left and Right Turns, Simultaneous Turn Crash --w--	Cloudy	Day	
7/10/2014 2:50	Lyndon	US-5	Injury	Single Vehicle Crash	Clear	Night	Kingdom Trailers
7/14/2012 15:55	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	Mt. Pisgah Rd
7/16/2013 14:10	St. Johnsbury	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Day	Boxcar & Caboose Store
7/16/2016 13:05	St. Johnsbury	US-5	Injury	Head On	Clear	Day	Verizon Telephone
7/17/2012 11:00	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Cloudy	Day	Center St.
7/17/2016 13:27	St. Johnsbury	US-5	Injury	No Turns, Thru moves only, Broadside ^<	Clear	Day	Hospital Drive
7/19/2013 15:14	Lyndon	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Clear	Day	Red Village Rd.
7/22/2012 13:00	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	West Hill Rd
7/25/2014 20:57	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Night	Hospital Dr
7/26/2015 11:34	St. Johnsbury	US-5	Injury	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	
6/2/2014 15:00	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	I 91 NB Ramp Exit 20
6/7/2012 1:24	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	Lyndonville Fire Dept.
6/7/2014 20:50	Lyndon	US-5	Injury	Single Vehicle Crash	Cloudy	Night	US Rt 5
6/9/2014 19:53	Lyndon	US-5	Injury	Single Vehicle Crash	Clear	Night	Charles St
6/9/2016 14:04	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Hospital Drive
6/9/2016 9:23	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Day	2728 Memorial Dr
6/10/2013 15:10	St. Johnsbury	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Day	St. John St.
6/11/2012 15:17	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Roberts Brook Lane, K&S Auto
6/11/2013 15:19	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Cloudy	Day	Portladn St
6/11/2014 20:36	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Cloudy	Night	St Johns St
6/11/2016 19:25	St. Johnsbury	US-5	Injury	Head On	Cloudy	Night	St J Subaru
6/12/2013 13:30	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Cloudy	Day	Verizon Wireless
6/13/2016 17:57	Lyndon	US-5	Property Damage Only	Rear End	Cloudy	Day	Hill St
6/14/2014 11:35	St. Johnsbury	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Cloudy	Day	Eastern Ave
6/15/2012 11:33	St. Johnsbury	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Day	Hospital Dr
6/16/2016 22:20	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	St J Country Club
6/16/2017 9:47	St. Johnsbury	US-5	Property Damage Only	Right Turn and Thru, Same Direction Sideswipe/Angle	Rain	Day	954 Main Street
6/17/2013 9:21	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Green Mountain Mall
6/21/2012 12:20	Lyndon	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Day	Center St.
6/28/2013 11:30	Lyndon	US-5	Property Damage Only	Rear End	Cloudy	Day	Tute Hill Rd.
6/28/2014 13:00	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	Pierce Rd
6/29/2014 1:03	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	547 Lynburke Rd
6/30/2013 12:21	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Red Village Rd
6/30/2014 12:20	Lyndon	US-5	Injury	Rear End	Clear	Day	Hill St.
3/2/2014 17:14	St. Johnsbury	US-5	Injury	No Turns, Thru moves only, Broadside ^<	Clear	Night	Hospital Dr
3/3/2014 16:12	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Clear	Day	I 91 Exit 23 NB
3/4/2013 18:55	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	1068 US Rt 5
3/6/2016 10:05	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Day	3168 Memorial Drive
3/8/2015 12:33	Lyndon	US-5	Property Damage Only	Opp Direction Sideswipe	Clear	Day	South Wheelock Rd
3/9/2014 14:15	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Rite Aid Entrance

Crash Date	Town	AOT Route	Crash Type	Collision Direction	Weather	Time of Day	Intersection With
3/9/2014 8:58	St. Johnsbury	US-5	Injury	Head On	Clear	Day	Payette Dr
3/11/2014 9:08	St. Johnsbury	US-5	Property Damage Only	Rear-to-rear	Cloudy	Day	Salvation Army Str
3/13/2014 7:20	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Cloudy	Day	Charles St
3/14/2014 10:20	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	St. Johnsbury Auto
3/16/2012 13:50	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Same Direction Sideswipe/Angle C	Rain	Day	Mountain View Dr
3/17/2014 16:35	Lyndon	US-5	Property Damage Only	Rear End	Cloudy	Day	York Street
3/17/2014 8:45	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Back Center Rd.
3/19/2012 12:50	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Clear	Day	Maple St.
3/19/2013 19:58	St. Johnsbury	US-5	Injury	Right Turn, Same Direction, Rear End ^--^--	Freezing Precipitation	Night	Memorial Dr/tremont St
3/19/2013 8:35	Lyndon	US-5	Injury	Single Vehicle Crash	Freezing Precipitation	Day	659 US Rt 5
3/20/2013 23:09	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Freezing Precipitation	Night	Gordon Mills Way
3/23/2015 5:15	Lyndon	US-5	Property Damage Only	Rear End	Clear	Night	Charles Street
3/24/2015 8:40	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Mountain View Dr
3/24/2016 15:18	St. Johnsbury	US-5	Injury	Right Turn and Thru, Angle Broadside -->^--	Cloudy	Day	Concord Ave
3/25/2013 17:00	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	376 Broad St
3/25/2016 14:13	St. Johnsbury	US-5	Injury	No Turns, Thru moves only, Broadside ^<	Rain	Day	Concord Ave
3/25/2017 8:05	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Day	Pierce Rd
3/26/2014 21:15	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Cloudy	Night	
3/29/2013 13:57	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	Portland St
5/3/2013 7:40	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Gilman Rd.
5/3/2017 14:04	St. Johnsbury	US-5	Injury	Rear End	Cloudy	Day	Concord Ave Intersection
5/4/2015 16:08	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Mt. Pisgah Rd
5/8/2014 7:35	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Back Center Road
5/9/2012 20:25	St. Johnsbury	US-5	Property Damage Only	Same Direction Sideswipe	Cloudy	Night	Mill St
5/9/2013 16:30	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	I91 S, X20
5/10/2015 12:07	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Broadside v<--	Clear	Day	Dollar General
5/10/2015 1:25	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	Calendar Brook Road
5/11/2012 1:42	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Night	
5/11/2015 12:10	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Angle Broadside -->v--	Cloudy	Day	MOBIL
5/14/2016 10:33	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	US Route 5
5/15/2015 17:21	St. Johnsbury	US-5	Property Damage Only	Right Turn and Thru, Angle Broadside -->^--	Clear	Day	New Beginnings Daycare
5/16/2014 3:25	Lyndon	US-5	Property Damage Only	Rear End	Rain	Night	VT Route 122
5/17/2014 9:20	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Cloudy	Day	Mt. Pisgah Rd
5/18/2016 16:49	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Intersection Of Concord Ave
5/22/2013 11:00	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Day	AOT Building
5/23/2017 22:10	Lyndon	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Night	Red Village Rd
5/24/2016 15:29	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Rain	Day	Mountain View Dr
5/26/2013 2:05	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Rain	Night	1068 US Rt 5 South, VSP Barracks
5/26/2014 2:16	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	791 Main St
5/27/2013 8:46	St. Johnsbury	US-5	Property Damage Only	Opp Direction Sideswipe	Clear	Day	Railroad St
5/29/2012 10:40	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Broad St.
5/30/2012 15:01	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	1242 Memorial Dr
5/31/2013 17:42	St. Johnsbury	US-5	Property Damage Only	Rear End	Cloudy	Day	4357 Memorial Dr
11/13/2015 13:50	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Sanger Circle
11/14/2014 7:14	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Cloudy	Day	Tremont St
11/15/2015 22:13	Lyndon	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	Memorial/York Street
11/17/2012 22:30	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Night	Hospital Dr
11/19/2014 10:35	St. Johnsbury	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Hospital Dr
11/21/2012 9:26	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Northern Lights Credit Union
11/23/2015 13:53	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Eastern Ave
11/24/2012 20:11	Lyndon	US-5	Property Damage Only	No Turns, Thru moves only, Broadside ^<	Freezing Precipitation	Night	590 Main St
11/27/2013 15:35	St. Johnsbury	US-5	Property Damage Only	Right Turn and Thru, Broadside ^<--	Cloudy	Day	Maple St
11/28/2016 1:26	Lyndon	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Night	412 Broad Streer
10/4/2013 9:33	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Same Direction Sideswipe/Angle C	Clear	Day	Sand Hill/Concord Ave

Crash Date	Town	AOT Route	Crash Type	Collision Direction	Weather	Time of Day	Intersection With
10/10/2012 17:09	St. Johnsbury	US-5	Injury	Rear End	Rain	Day	1448 Memorial Dr
10/13/2014 15:10	Lyndon	US-5	Property Damage Only	Rear End	Clear	Day	Charles St
10/17/2016 19:40	St. Johnsbury	US-5	Injury	Single Vehicle Crash	Clear	Night	Pierce Road
10/20/2013 13:08	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Federal St
10/20/2013 9:25	Lyndon	US-5	Property Damage Only	Same Direction Sideswipe	Clear	Day	Sandy Lane
10/22/2013 18:00	Lyndon	US-5	Property Damage Only	Head On	Rain	Night	Lyndon Burke Town Line
10/23/2012 8:49	St. Johnsbury	US-5	Property Damage Only	Right Turn and Thru, Angle Broadside -->^--	Cloudy	Day	Eastern Ave
10/24/2013 6:33	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Freezing Precipitation	Night	Payette Dr, Bridge 137
10/29/2012 20:37	Lyndon	US-5	Property Damage Only	Left Turn and Thru, Same Direction Sideswipe/Angle C	Rain	Night	590 Main St (Nick's Gas & Go)
10/30/2014 14:50	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	York St.
9/8/2014 15:24	St. Johnsbury	US-5	Injury	No Turns, Thru moves only, Broadside ^<	Clear	Day	Main St
9/9/2013 12:23	St. Johnsbury	US-5	Injury	Rear End	Clear	Day	1746 Memorial Dr
9/10/2014 7:00	Lyndon	US-5	Property Damage Only	Rear-to-rear	Clear	Day	Center St
9/14/2015 21:44	Lyndon	US-5	Injury	Single Vehicle Crash	Clear	Night	Miss Lyndonville Diner
9/17/2012 10:00	Lyndon	US-5	Property Damage Only	Other - Explain in Narrative	Clear	Day	Broad St.
9/17/2015 10:09	St. Johnsbury	US-5	Property Damage Only	Rear End	Clear	Day	Portland St
9/18/2014 8:00	St. Johnsbury	US-5	Property Damage Only	Left Turn and Thru, Same Direction Sideswipe/Angle C	Rain	Day	Main St
9/19/2013 11:20	Lyndon	US-5	Injury	Rear End	Clear	Day	Charles St.
9/24/2013 23:15	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Clear	Night	Pierce Road
9/26/2014 9:27	St. Johnsbury	US-5	Property Damage Only	Opp Direction Sideswipe	Clear	Day	Memorial Drive
9/27/2015 13:29	Lyndon	US-5	Property Damage Only	Right Turn and Thru, Same Direction Sideswipe/Angle	Clear	Day	US Rt 5
9/28/2012 19:00	St. Johnsbury	US-5	Property Damage Only	Single Vehicle Crash	Cloudy	Night	Exit 20 I91 SB Off Ramp

**APPENDIX B**  
**NIGHT WORK**  
**RESTRICTIONS**  
**(TBD)**