



The Road to Highway Safety is Paved with Technology



*VHSA 5th Annual Conference
& Lifesavers Awards*

November 8, 2017 Hilton, Burlington, Vermont



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LETTER FROM THE CHAIRMAN

November 8, 2017

Dear Highway Safety Partners,

It is an honor to serve as Chairman of the Vermont Highway Safety Alliance. Membership in our organization continues to grow. We have nearly 60 partner organizations, who use data to improve highway safety by integrating engineering, enforcement, education, and emergency medical services. Our commitment to reducing crashes and making our highways safer is unwavering.

This spring, we distributed the updated edition of our Strategic Highway Safety Plan. Our partners will use this 5-year plan as a roadmap to improve highway safety.

The good news is our data shows a 25.7% reduction in major crashes since 2004. The bad news is 62 people died last year on Vermont highways.

Unfortunately, we see many of the same causal factors in these crashes; impairment, speeding, distracted driving and people not wearing their seatbelts. Last year, 36 drivers involved in fatal crashes were impaired; 61% of those drivers were impaired by drugs, or a combination of drugs and alcohol. Nearly half of the people killed in crashes were not wearing their seatbelt. One must wonder how many of those people might have survived the crash if they had only taken the time to buckle up?

The theme for this year's annual conference is "*The Road to Highway Safety is Paved with Technology.*" This is an exciting time for highway safety. We must embrace technology, and leverage it to reduce crashes and save lives.

We have accomplished a lot, but there is still much to do. Through our collective efforts we will continue to work to make our highways safer and promote the goal of *Toward Zero Deaths*.

Each of you should be proud of the work you do every day to make our highways safer. I believe you are all "Highway Heroes!"

Sincerely,

Glendon W. Button

Glendon W. Button
Chairman
Vermont Highway Safety Alliance

ALLIANCE SAFETY PARTNERS

3M

AAA of Northern New England

AARP Driver Safety

Addison County Regional Planning Commission

Associated General Contractors of Vermont and
Project RoadSafe

AT&T

Bennington County Regional Planning
Commission

Central Vermont Regional Planning Commission

Chittenden County Regional Planning
Commission

Community Justice Network of Vermont

Co-Operative Insurance Companies

Education and Safety Unit at the Department of
Motor Vehicles

F.R. Lafayette

Federal Highway Administration

Federal Motor Carrier Safety Administration

Governor's Highway Safety Program

Green Mountain Transit Agency

Hallstrom Motorsports

Impaired Driving Rehabilitation Program

Lamoille County Planning Commission

Local Motion

National Highway Traffic Safety Administration

Northeastern Vermont Development Association

Northwest Regional Planning Commission

Private Driver Education Schools

Ride Safe Vermont Motorcycle Training

Rutland Regional Planning Commission

Southern Windsor County Regional Planning
Commission

Sp!ke Advertising

TextLess Live More

Town of Barre

Two Rivers-Ottauquechee Regional Commission

Txt U L8R - UVM Medical Center

University of Vermont Medical Center

UVM Transportation Research Center

Vermont Agency of Transportation

Vermont Association of Chiefs of Police

Vermont Automotive Distributors Association

Vermont Department of Health

Vermont Department of Liquor Control

Vermont Department of Tourism and Marketing

VT. Driver and Traffic Safety Education Assoc.

Vermont Forensic Laboratory

Vermont Insurance Agents Association

Vermont Judicial System

Vermont League of Cities and Towns

Vermont Local Roads

Vermont Police Association

Vermont Sheriffs' Association

Vermont State Police

Vermont Truck and Bus Association

Volunteer Citizens

VTrans Highway Safety Data Unit

VTrans Highway Safety Infrastructures Unit

Vermont Horse Council

Windham Regional Commission

Work Safe TCI

AGENDA

“The Road to Highway Safety is Paved with Technology”

7:15 Registration Opens: Meet and Greet Attendees and Vendors

8:00 Welcome & Opening remarks and ceremony

- Glen Button, Chair, Vermont Highway Safety Alliance
- Burlington Police Honor Guard
- Erik Filkorn, Principal Assistant, Vermont BGS - National Anthem
- Secretary Joe Flynn, Vermont Agency of Transportation

8:30 Art Mabry, Special Assistant Attorney General, South Dakota Attorney General's Office

South Dakota 24/7 Sobriety Program

9:50 Break/Vendor Recognition

10:15 Charles M. Farmer, PhD., Vice President, Research and Statistical Services, Insurance Institute for Highway Safety

Research on Automated Speed Enforcement

11:30 Break/ Begin Lunch

11:50 Vermont Governor Phil Scott

12:00 Luncheon Awards: Governor’s Highway Safety Program

- Keith Flynn, Chief, Governor's Highway Safety Program
- Arthur Kinsman, Region I Administrator, National Highway Traffic Safety Administration
- Thomas D. Anderson, Commissioner, Vermont Department of Public Safety
- Robert D. Ide, Commissioner, Vermont Department of Motor Vehicles

12:45 Rapid Fire: Enforcement, Emergency Medical Services, Education, & Engineering

- Skyler Genest, Compliance & Enforcement Director, Vermont DLC - *Fraudulent ID detection*
- Vermont Emergency Medical Services – *Statewide Incident Reporting Network, (SIREN)*
- Brian Linder, Historian - *Latest in History of Crashes*
- Bruce Nyquist, Director, OHS, VTrans - *Engineering Initiatives, Partnerships in Technology*

1:45 Jim Hedlund, PhD., Principal, Highway Safety North

Looming on the Horizon: Autonomous Vehicles

2:30 Closing Remarks for Vermont Highway Safety Alliance Presentation Sessions

- Lieutenant John Flannigan, VHSA Chair, Vermont State Police Safety Programs Commander

2:45 to 4:00 Please pay a last visit to our vendors and enjoy coffee and snacks

2:45 to 5:00 The Vermont Agency of Transportation invites you to participate in:
Automated Vehicles – Stakeholders discussions in the Montpelier Room

GUEST SPEAKERS

Art Mabry

24/7 Sobriety Program Coordinator

South Dakota 24/7 Sobriety Program

SD Attorney General's Office

Art began his law enforcement career with the Fairfax County (VA) Police Department. He retired from Fairfax County after 25 years at the rank of Major. Art has served as the Police Chief in Olathe, Kansas and Vermillion, South Dakota. In January 2011, Art was appointed by the South Dakota Attorney General as the Coordinator of the state's 24/7 Sobriety Program. He holds a Bachelor of Science Degree in the Administration of Justice from The American University (Washington, D.C.) and is a graduate of the FBI National Academy.

Charles M. Farmer, Ph.D.

Vice President, Research and Statistical Services

Insurance Institute for Highway Safety

Ruckersville, Virginia

Charles M. Farmer is vice president for research and statistical services at the Insurance Institute for Highway Safety, where he has been employed since 1994. Dr. Farmer has authored studies on many aspects of traffic safety, including the effects of enhanced vehicle technology, regulation and refinement of driver behavior, and roadway design. Dr. Farmer received a master's degree from Old Dominion University and a doctorate from Iowa State University.

Jim Hedlund

Principal, Highway Safety North

Ithaca, New York

Jim Hedlund is Principal, Highway Safety North, Ithaca, NY, from which he consults on behavioral traffic safety research, policy, and management. He spent 22 years at the National Highway Traffic Safety Administration, retiring as Associate Administrator for Traffic Safety Programs. His work includes: Countermeasures That Work, Drug-Impaired Driving: A Guide for What States Can Do, and Autonomous Vehicles Meet Human Drivers: Traffic Safety Issues for States.

VENDORS/SPONSORS

Please visit and chat with each of our vendors. A card listing each vendor is located in your folder. Visit ten vendors, have them initial your card, and bring it to the registration desk by 2:00 PM to be eligible for prizes in a drawing. PLEASE WRITE YOUR NAME ON THE BACK of the card. Winners will be announced at 2:30 PM.

Many thanks to each of our vendors for their support of highway safety, and participation in the conference.

329 Marketing, Inc. - David Lewis



A-1 Smart Start – Daniel C. Melega



Alcolock USA – Kevin Pires

Auctions International - David Cazeault

Central Equipment, LLC – Jean Cole



Decatur Electronics – Mike Martin

Gemalto, Inc. – Mark Haugwitz & Robert Cimperman

Haix North America – Michele LeGrow

Hard Wired Auto Electronics LLC – Jesse Hanley

Kustom Signals, Inc. – Tom Switick



Laser Technology, Inc. – Kevin Fremont

PharmChem, Inc. – Kerri Wagner



SCRAM Systems – Brett Wilday

Stalker Radar – Kevin Anderson

Worksafe Traffic Control – Debra Ricker & Scott Deschamps

Yipes Auto & Graphics – Charles Carney & Steve Ferdreira



Central Equipment Company
Mattapoisett, Massachusetts



2016 to 2017
Vermont Highway Safety Alliance
Partner Safety Accomplishments
and Crash Data



COMMUNICATIONS AND PUBLIC INFORMATION

Key Action Items

- *The Vermont Highway Safety Alliance (VHSA) staffed a table at the Statehouse during the legislative session with the Youth Safety Council.*
- *The Governor’s Highway Safety Program (GHSP) distributes a monthly newsletter that includes a page with news and updates from the VHSA. The VHSA hosts a Facebook page for highway safety outreach.*
- *Vermont Regional Planning Commissions (RPC’s) helped with media outreach for speeding and aggressive driving with a focus on the Operation Safety Corridor project. RPC’s involved were Central Vermont, Southern Windsor, Two Rivers-Ottauquechee, Chittenden County, and Windham County.*
- *The VHSA participated in radio interviews with WDEV, WVMT, WLVB, and were featured on WCAX, “The 30” to promote high school driver safety fairs.*
- *The Department of Motor Vehicles (DMV) continues to display road safety messaging on their website.*
- *The VHSA shared a table for safety outreach with Operation Lifesaver, Rail Safety, at the Hartford Community Event, and the Barre Equipment Show & Field Day, sponsored by the Vermont Municipal Highway Association.*
- *The Child Passenger Safety (CPS) program hosted a CPS day at the Statehouse to recognize the work being done in child passenger safety. The ceremony included a proclamation signed by the governor, and awards to the Vermont technicians for their great efforts.*
- *Chittenden County Regional Planning Commission (CCRPC) conducted numerous scoping studies to address safety for all users. The CCRPC is currently evaluating technology strategies, such as the deployment of “smart” signals on certain Chittenden County arterials, to reduce congestion and increase safety for all users.*



Southern Windsor County Regional Planning Commission added 2 new photos.

May 15 · 🌐



COMMUNICATIONS AND PUBLIC INFORMATION

Key Action Items Continued

- *Evan Hallstrom, from Hallstrom Motorsports, teamed up with Governor's Highway Safety Program and the Vermont Highway Safety Alliance (VHSA) to produce posters and postcards with a Click it or Ticket message, and has participated in numerous events doing safety outreach with a focus on younger drivers.*
- *Dr. Andy Kaplan and Dr. Chris Lewis researched diminished cognitive abilities in relation to highway safety, and are working to develop an APP to help people measure these abilities, called 'Drivability'*
- *Ken Millman, from Sp!ke Advertising, designed and produced safety displays for the Vermont Road Users Pledge. Sixty-five businesses and entities have committed to putting a display in their facilities.*
- *The VHSA participated in the annual conferences of the Vermont Insurance Agency Association and the Vermont Automotive Distributors Association, to promote road safety and the Road Users Pledge.*
- *Vermont State Police Lt. John Flannigan, presented on 'Oral Fluid Testing' at the AAA Northern New England and the Maine Bureau of Highway Safety 2017 Impaired Driving Summits, and co-authored an article entitled "Oral Fluid Testing for Impaired Driving Enforcement" in **Police Chief Magazine**.*
- *Dan Goodman with American Automobile Association has formed an action committee to craft a legislative template for various traffic safety issues including, a primary seat belt law, night teen driving restriction for junior operators, and a stronger ignition interlock law.*
- *St. Johnsbury Police Department produced a series of Public Service Announcements that were broadcast on the radio station KIXX 105.5 to correspond to the enforcement campaigns in the state.*



COMMUNICATIONS AND PUBLIC INFORMATION

Key Action Items Continued

- *The Informer* magazine featured an article by Evelyn McFarlane on the Vermont Highway Safety Alliance in the Summer 2017 issue.
- Green Mountain Transit Agency (GMTA) has programmed their message signs to display a continued flashing road safety message when the buses are on the road and in-between routes. They have also agreed to display safety campaign posters in the buses.
- University of Vermont Medical Center “Txt U L8R Program” ran a Buckle Up social media campaign for seat belt use awareness to encourage taking photos and selfies of people wearing seatbelts. Participants were asked to share these to their social media account with a short message about why they choose to wear a seatbelt.
- The Vermont Child Passenger Safety (CPS) program partnered with the Vermont Police Academy to hold its first Child Passenger Safety course for all new law enforcement. The course will continue to be offered for all upcoming police academy recruit classes.
- The Vermont CPS program has increased its capacity significantly through holding five certification courses, offering over 40 community events, and distributing over 700 free car seats to low income families.

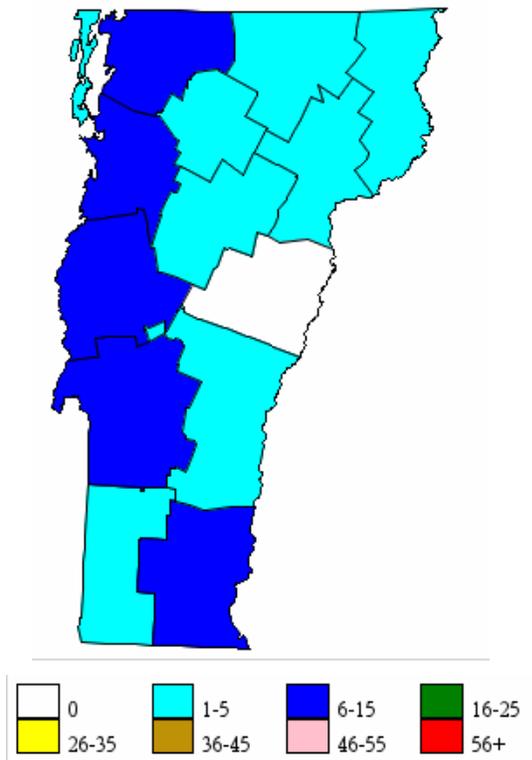


OCT 16 Txt U L8R Program
Public - Hosted by The University of Vermont Medical Center

DATA

Key Action Items

- *The Office of Highway Safety has redesigned the Public Query Tool website, based on feedback, to make it more map-centric and user friendly.*
- *The Uniform Crash Report Form and Web Crash were updated to collect alcohol and drug information for all occupants, pedestrians, and bicyclists. Additionally, the Drug Test Type and the Restraint & Safety Equipment elements were updated.*
- *The U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) released fatal traffic crash data for calendar year 2016. According to NHTSA, 37,461 lives were lost on U.S. roads in 2016, an increase of 5.6 percent from calendar year 2015. To view Traffic Safety Facts for Vermont see website link this page.*
- *The Office of Highway Safety conducts continued crash training courses at the Vermont Police Academy.*
- *In an effort to strengthen evidence-based statewide enforcement and streamline the award agreements, the Governor's Highway Safety Program has simplified the application process by acquiring, and front-loading data for each grant applicant. In the spring of 2017, the Grant Electronic Application and Reporting System (GEARS) was introduced to partners and will be implemented for the 2018 grant cycle.*
- *The Vermont Strategic Highway Safety Plan for 2017 to 2021 outlining the goals and objectives for the next five years is complete and was distributed to partners last spring. A copy of the plan is on the Vermont Highway Safety Alliance website.*
- *The Chittenden County Regional Planning Commission, in close coordination with VTrans, has implemented a Bluetooth Technology project to monitor real time speeds and travel times along one of the busiest and most congested corridors, US 2/Williston Road in South Burlington. The Bluetooth project will be expanded to four other major corridors in the county in 2018.*



Traffic Safety Facts - Vermont Fatalities (All Crashes) by County From NHTSA State

Data Source: NHTSA's National Center for
Statistics and Analysis -Website Link:
<https://cdan.nhtsa.gov/STSI.htm>

DATA

Key Action Items Continued

- As part of the National Transportation Performance Management initiative, Vermont has produced the five performance targets required for, number and rate of crash fatalities, number and rate of serious injuries, and total number of fatalities and injuries for pedestrian and bicycle crashes. The targets are based on five year rolling averages. The performance targets have been submitted to the Federal Highway Administration and the National Highway Traffic Safety Administration.
- The Governor's Highway Safety Program (GHSP) produced the annual Vermont Seatbelt Use Survey and the Vermont Driver Attitude Survey. Both reports are posted on the GHSP & VHSA website.
- The Vermont Highway Safety Alliance awarded seventeen Police Agencies with Certificates of Timeliness for outstanding reporting of crash data and consistently striving to conduct thorough crash investigations and report this valuable information in a timely manner.

Highlights from the GHSP Attitude Survey at a Glance

2016	<i>Increases</i>	2017
72.4%	<i>Perception of likelihood of arrest for driving after drinking or drugs</i>	82.0%
51.6%	<i>Perception of likelihood of ticket for not wearing seat belt</i>	60.1%
67.8%	<i>Perception of likelihood of ticket for driving over speed limit</i>	78.4%
49.8%	<i>Perception of likelihood of ticket for use of hand-held device while driving</i>	70.2%
48.0%	<i>Percentage of those seeing messages about motorcycle safety</i>	54.6%
23.2%	<i>Percentage of those that 'never' walk near/across/adjacent active highway</i>	28.4%
63.6%	<i>Percentage of those in support of 'primary seat belt law'</i>	73.6%

EDUCATION

Key Action Items

- *Local Motion is working with municipal staff and members of the Brattleboro Safer Streets Committee to develop priorities and strategies for making Brattleboro a safer, more accessible place to walk and bike.*



- *Ford Driving Skills for Life, sponsored by the Ford Motor Company Fund and the Governor's Highway Safety Association, brought a two-day program to Vermont to teach newly licensed teens necessary skills for safe driving. GLOBALFOUNDRIES hosted the event.*
- *The Associated General Contractors Project RoadSafe program participated in more than 20 conferences, trade shows, company safety day activities, and a high school safety fair, delivering a wide range of driver safety lessons.*



- *The Department of Motor Vehicles Driver Training Coordinator, Nancy Andrus, organized the 2017 Annual Summer Summit for Driver Educators in July entitled, Education, Enforcement, Engineering, EMS, Towards Zero Deaths.*
- *The VHSA, with its many partners, joined forces to promote roadway safety at the Champlain Valley Expo. Upwards of 50 safety advocates, from VTrans, VSP, Municipal Police Departments, County Sheriff's, DOH, AAA, AARP, Local Motion, Operation Lifesavers, Drivers Educators, DMV, UVM, FHWA, and other partners, staffed the safety booth and displays.*



EDUCATION

Key Action Items Continued

- *The Vermont Youth Safety Council completed the how-to manual for schools to host a driver safety fair. The full document is found on their website. The Council worked with the faculty, administration, and students of Mt. Abraham Union HS, and first responders from Bristol, to bring a highway and personal safety program to the school. Heritage Toyota documented the safety fair by producing five videos highlighting the events. Heritage Toyota kicked off an initiative to offer financial grants to any organization who offers a full day safety fair in the 2017-2018 school year.*
- *The Vermont Driver and Traffic Safety Education Association held its annual conference in Rutland.*
- *The Rutland County Sheriff's Department and Killington Police Department did a joint child safety seat checkpoint in Rutland City. Over 1200 cars went through the checkpoint, and a number of seats were fixed roadside by Inspector Deputy Tarbell. Twenty-two vehicles had their child safety seats readjusted, or removed and replaced. The event took place over a three-hour period in cooperation with Sidney Bradley, the Child Passenger Safety Coordinator, and other inspectors.*
- *The Community Justice Network held the annual Red Ribbon Ceremony for victims of impaired drivers in December, 2016, at the Statehouse.*



EDUCATION

Key Action Items Continued

#AnyoneCanDoSomething

At last year's VHSA Conference participants collectively brainstormed ways to advance a grassroots highway safety initiative called, "#AnyoneCanDoSomething." This was an outreach campaign led by Ken Millman, empowering Vermonters of all ages and socio-economic situations to easily join the cause, to help make and keep our highways safe. One year later, #AnyoneCanDoSomething has evolved to focus on children between the ages of 8-13, who are too young to enroll in state-approved driver's education programs, and who are currently "learning" driving behavior from a range of influencers, including parents, relatives, guardians, and popular culture. Issues with "behavior modeling" and "social learning" are, best case, that the influencers are safe drivers but not professionally trained driver educators, and, worst case, that the influencers are unsafe drivers. As a result, there are educational and experiential gaps, along with societal pitfalls that produce unsafe drivers. In addition, the opportunity to teach children safe and respectful driving habits is lost, forever.

Today, as part of the #AnyoneCanDoSomething initiative, we are in conversation with art teachers who will open their classrooms for a visit and presentation by a representative of Vermont law enforcement. Following the presentation, students create highway safety posters, and crafts, to bring home and share with their parents. The hope is that the entire family will be exposed to highway safety messaging. In this way, we hope to make children, their parents, and other family members aware of what constitutes safe and unsafe driving, as well as empower children to positively influence other children and drivers of all ages.

We thank you for your input last year, and welcome feedback, help, and suggestions for pushing this initiative further.



EMERGENCY MEDICAL SERVICES

Key Action Items

- *Mile marker signs were installed along US Route 7 from Bennington to Manchester to assist emergency responders and motorists identify incident locations, thus improving the response times.*
- *With support from the Governor's Highway Safety Program, work continues in the pilot for the data integration effort between Statewide Incident Reporting Network (SIREN) and Emergency Department Data with the University of Vermont Medical Center, Vermont Trauma Center. SIREN gives the Vermont Department of Health Emergency Medical Services (EMS) division the capacity to collect patient care data on all EMS calls statewide, as well as injury and crash data. This report writing system collects many data points from EMS agencies statewide.*
- *The Traffic Records Coordinating Committee (TRCC) continues to work to improve the integration of Crash Data with SIREN. The effort continues to move forward, and data will become more readily available and accessible as the Vermont Department of Health's Hospital Injury, Trauma Center, and Medical Examiner databases continue to grow. The GHSP will continue to support and work with the EMS staff on this important data acquisition project.*



ENFORCEMENT

Key Action Items

- *Vermont Police Departments, Vermont State Police, Vermont Department of Motor Vehicles, and Vermont County Sheriff's Departments, participated in the 2017 National High Visibility mobilization campaigns for impaired driving, with Drive Sober or Get Pulled Over, and occupant protection with, Click it or Ticket.*
- *Bennington County Sheriff's Department, Winhall Police Department, Vermont State Police, and New York's Washington County Sheriff's Office, participated in a cross border sobriety and safety checkpoint in Shaftsbury, VT and White Creek, NY. The main purpose of the detail was to focus on impaired driving and seatbelt compliance.*
- *The Governors Highway Safety Program (GHSP) hosted an Impaired Driving Summit. Attendees included, legislators, judges, prosecutors, defense attorneys, law enforcement officers, driver educators, engineers, chemists, healthcare providers, and other traffic safety professionals who discussed collaborative solutions to combat impaired driving.*
- *To address the ongoing highway traffic safety mission, the GHSP implemented a countywide project to consolidate Rutland County Law Enforcement agencies into a unified Safe Highway Accident Reduction Program (SHARP) team as a single grant project with sub-awardees. The project includes a countywide Program Coordinator, Lt. Kevin Geno, Rutland County Sheriff, who organizes, supervises, promotes enforcement, and implements educational activities.*
- *The GHSP hired two new Law Enforcement Liaisons, (LEL's) William Jenkins, Lt. VSP Ret., and Paul White, Cpt. VSP Ret. LEL duties include disseminating GHSP information, coordinating High Visibility Enforcement campaigns, gathering and supplying statistical information to state agencies, and reporting data to the National Highway Traffic Safety Administration.*



ENFORCEMENT

Key Action Items Continued

- *The Work Zone Safety Program funded by the Governor's Highway Safety Program (GHSP) focused on enforcement of distracted driving and speed within work zones. The office of the Vermont Sheriffs' Association acted as a single point of contact in a coordinated effort with Statewide County Sheriff's Departments and the Vermont Agency of Transportation district offices.*
- *The See It, Click It, Commit to it, Commercial Vehicle Safety event in Rutland was a partnership between the GHSP, Law Enforcement Agencies, The National Highway Traffic Safety Administration, the American Automobile Association of Northern New England, and members of trucking companies around the state.*
- *Operation SEE, (Sharp Eyes Everywhere), a Vermont law enforcement coalition, tackled distracted driving by placing officials in unexpected vehicles such as VTrans work vehicles. The undercover work allowed officers to spot offenders and call ahead to pull cars over for ticketing. This was a partnership between the Department of Motor Vehicles, Vermont Agency of Transportation, and Vermont State Police.*
- *Green Mountain Transit Agency contributed to the efforts of the Operation SEE project, and offered their buses to help law enforcement identify and ticket drivers for hand held electronic use violations by allowing officers to ride on the buses to view violators on the roadways.*
- *GHSP is providing funding to Northfield Police Department to instruct the Below 100 Program at the Vermont Police Academy. Below 100 is a nationwide initiative formed to influence law enforcement culture by providing innovative training aimed at identifying the leading causes of line of duty deaths in law enforcement. The #1 cause of first responder deaths is motor vehicle collisions. A considerable amount of the training time is devoted to getting police officers to commit to always wearing their seatbelt and reduce their speed when driving. The Below 100 course will be offered to all Field Training Officer recertification classes (12 classes) in 2017.*



ENFORCEMENT

Key Action Items Continued

- *Twenty-seven speed trailers and speed signs purchased through the Vermont Governor's Highway Safety FFY2016 grant funds last fall were deployed throughout the state in 2017. The Vermont State Police, County Sheriffs', and Municipal Police Departments were awarded funds for the equipment to assist in speed management, collect data, and better target enforcement.*
- *VTrans established Safety Corridors throughout Vermont with the Vermont State Police, the Department of Motor Vehicles enforcement, local law enforcement, and municipal partners. In these corridors, a combination of high traffic volume, high speeds, and a high rate of crashes demanded an increased level of enforcement and outreach to raise public awareness. Speeding, distracted and aggressive driving, impaired driving, and seat belt use, were the focus of the enhanced enforcement effort.*
- *Vermont State Police Kicked off Operation S.T.R.I.V.E. (Safe Travel on Roads in Vermont Everyday) in June of 2016 and continued into 2017 to increase enforcement efforts focusing on speed and aggressive driving on all state roadways.*

The American Automobile Association of New England, presented Grand Isle County Sheriff's Department a Traffic Safety Champion Award in recognition of their efforts to improve local traffic safety in their community. The award was presented at the annual Vermont Association of Chiefs of Police meeting.



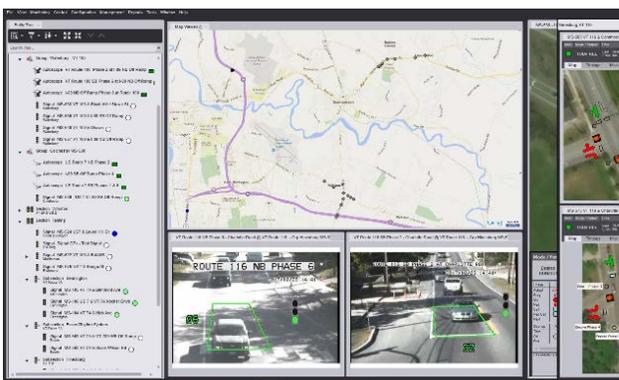
INFRASTRUCTURE

Key Action Items

- *The intersection of US Route 2 and VT 78 in Alburgh, and the intersection of VT 100 and Main Street in Londonderry, were converted from two-way stop, to four-way stop controlled intersections, due to crash patterns.*
- *Road Safety Audits (RSA's) were conducted on 12 high crash intersections and segments. Work orders are in the process of being generated to implement low cost improvements. Scoping studies for larger scale improvements are being conducted for three specific locations.*
- *An inventory of highway horizontal curve data elements was developed (compatible with Model Inventory of Roadway Elements – MIRE) for non-state maintained highways in Vermont using GIS road centerline data.*
- *The Office of Highway Safety performed a gap data analysis and a data priority ranking of VTrans' data needs in preparation for implementing the AASHTOware Safety Analyst software.*



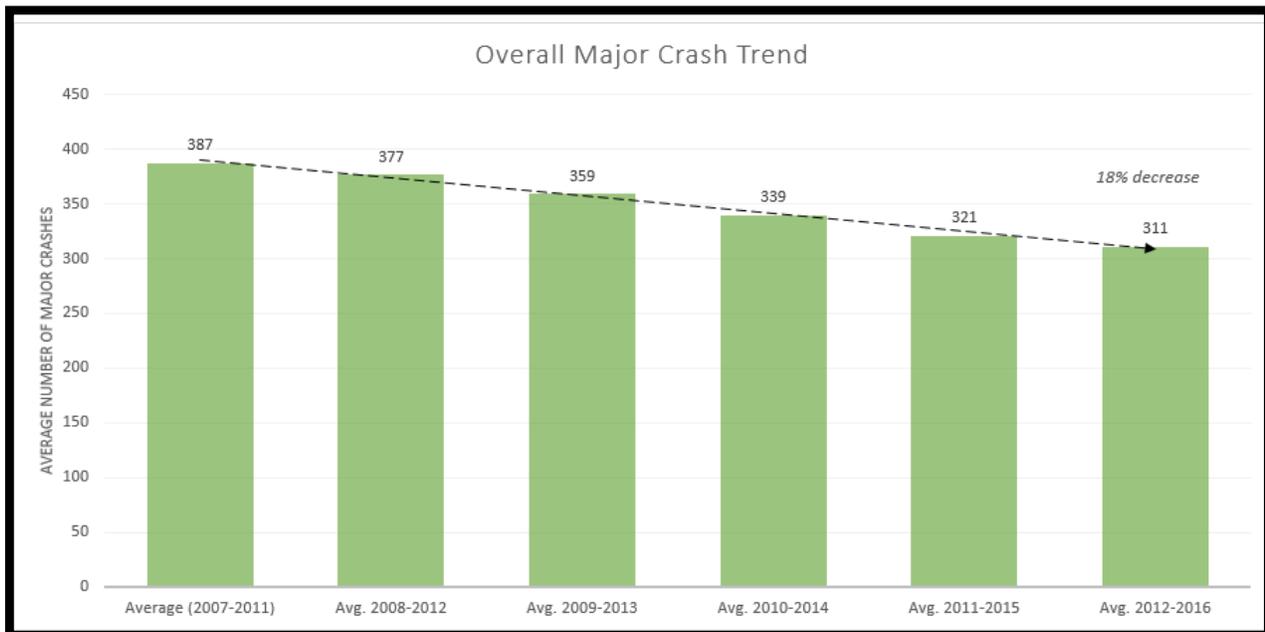
- *VTrans implemented two new traffic signal systems this past year. The Econolite Centrac system was deployed covering up to 75 intersections with the ability to expand. This system allows traffic signal engineers and technicians the ability to monitor intersections on a real time basis, receive equipment alerts, and make signal timing program changes remotely. The second operational characteristic is the Automated Traffic Signal Performance Measures. These performance measures allow signal operations personnel the ability to analyze the effectiveness of signal timing patterns throughout the day, and provide information to optimize traffic movement.*



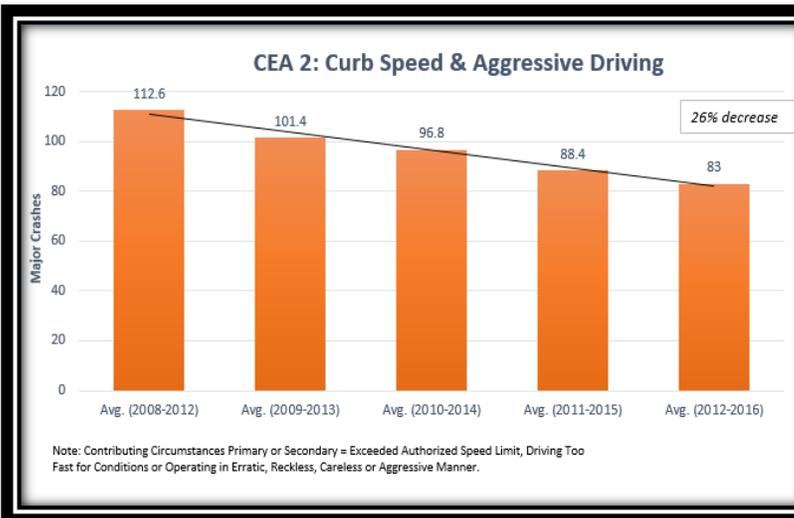
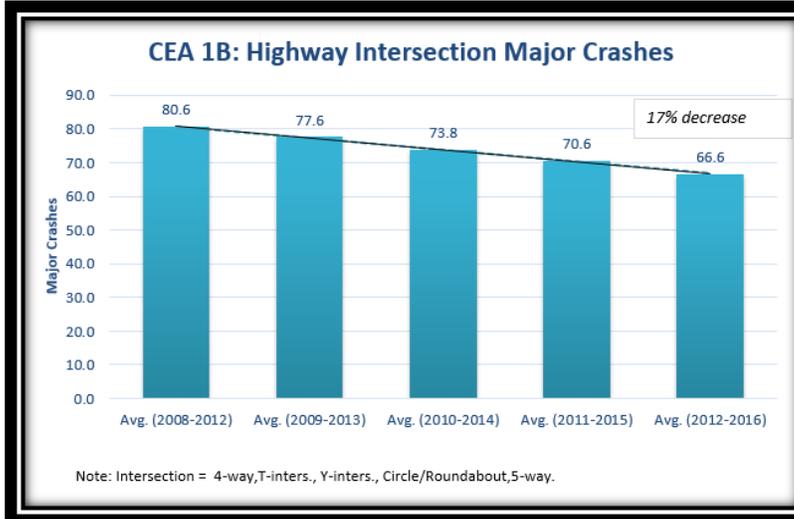
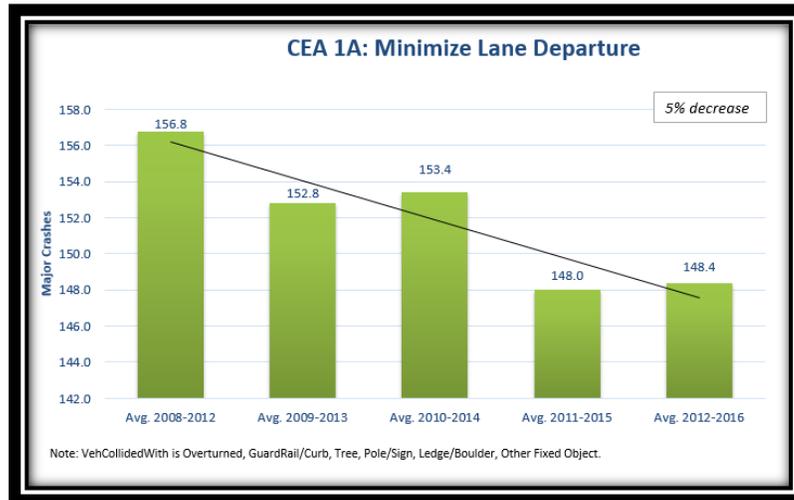
CRASH DATA

The goal of the Vermont Highway Safety Alliance and the Strategic Highway Safety Plan (SHSP) of reducing major crashes by 10% or greater by 2016 was met. The goals for the new SHSP for 2017 to 2021 have been set with a new target of reducing crashes by another 10%. This goal is based on consideration of the five-year average for the analysis period from 2012-2016 projected out an additional five years. The following charts and data include major crash data for the Critical Emphasis Areas identified in the SHSP as well as crash data for the Significant Emphasis Areas identified in the plan. The Alliance continues to explore the many opportunities that exist to further reduce crashes on our highways.

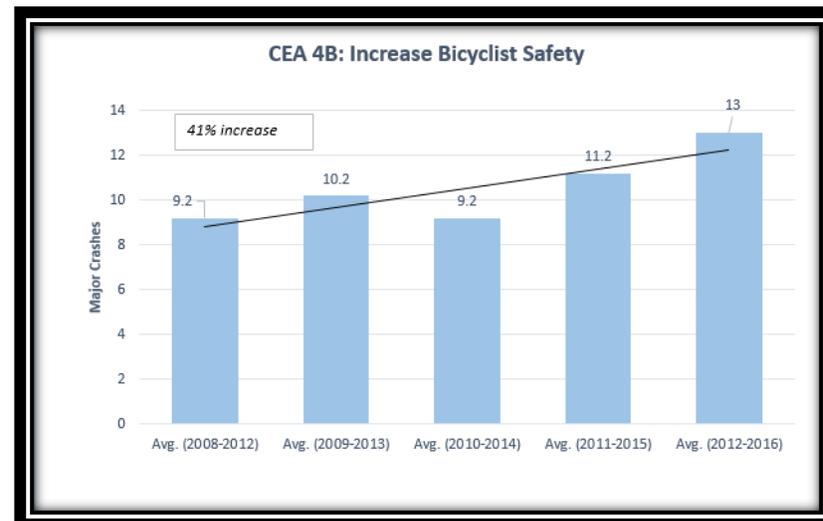
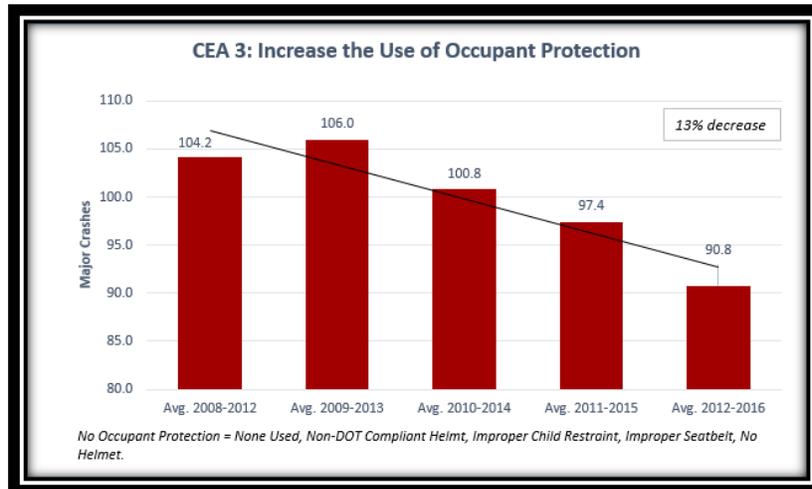
Crash Types by Year							
Year	Major Crashes		Suspected Minor Injury	Possible Injury	No Injury	Other/UNK*	Total
	Fatal Crashes	Suspected Serious Crashes					
2006	77	392	1,785	1,055	10,604	820	14,733
2007	62	323	1,576	856	10,931	688	14,436
2008	66	347	1,427	760	10,927	235	13,762
2009	68	308	1,333	681	9,893	371	12,654
2010	63	327	1,361	714	10,172	245	12,882
2011	48	322	1,377	659	10,232	13	12,651
2012	70	264	1,354	646	9,302	13	11,649
2013	64	260	1,251	620	9,472	2,138	13,805
2014	42	237	1,213	690	9,145	1,414	12,741
2015	50	248	1,125	599	8,693	3,275	13,990
2016	59	259	1,361	679	8,258	2,026	12,642
Total: 2012-2016	285	1,268	6,304	3,234	44,870	8,866	64,827
% of Total	0.4%	2.0%	9.7%	5.0%	69.2%	13.7%	



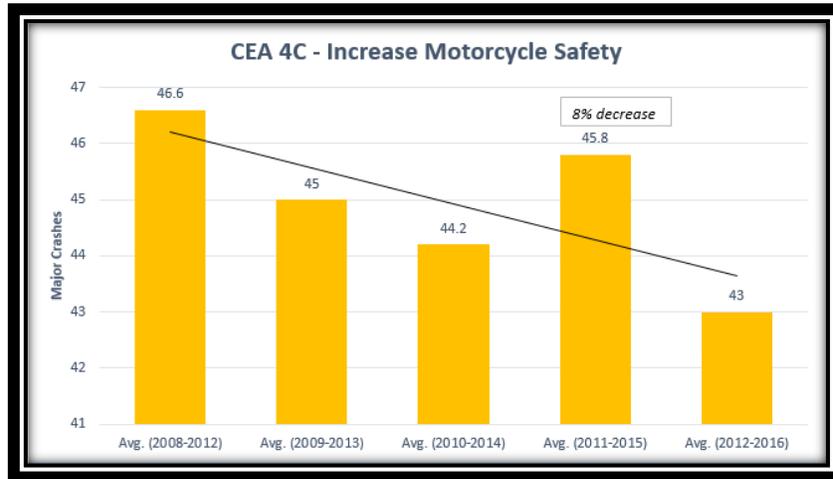
CRITICAL EMPHASIS AREAS



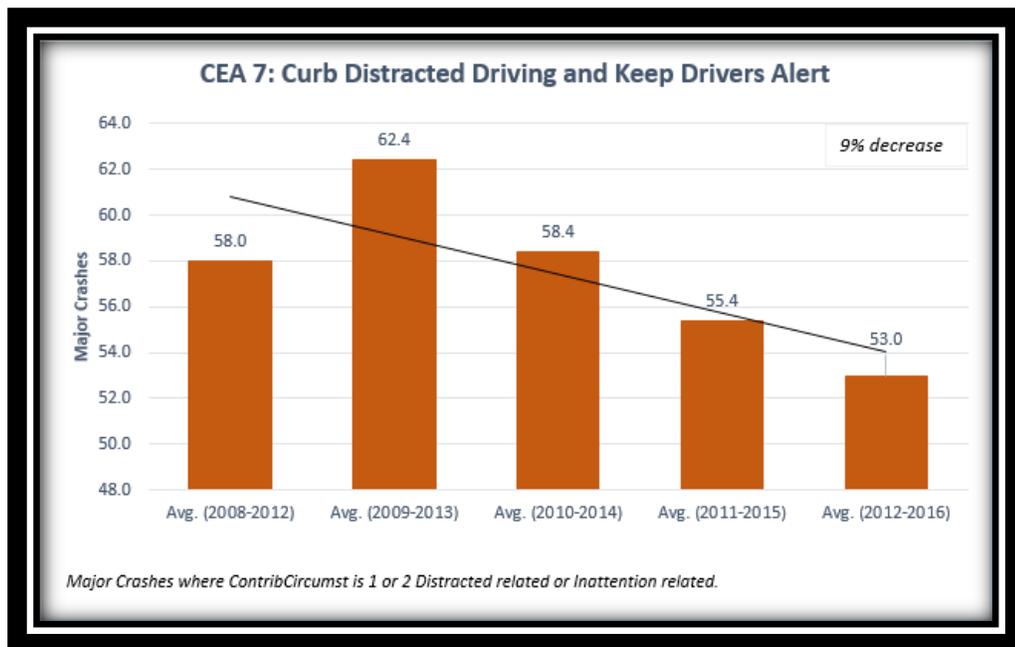
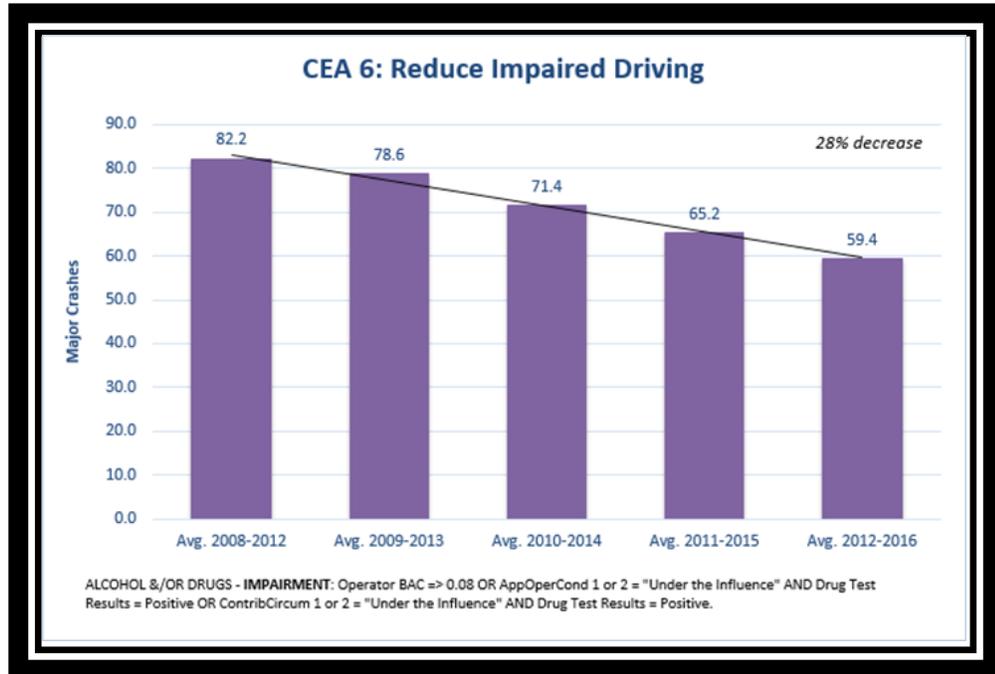
CRITICAL EMPHASIS AREAS



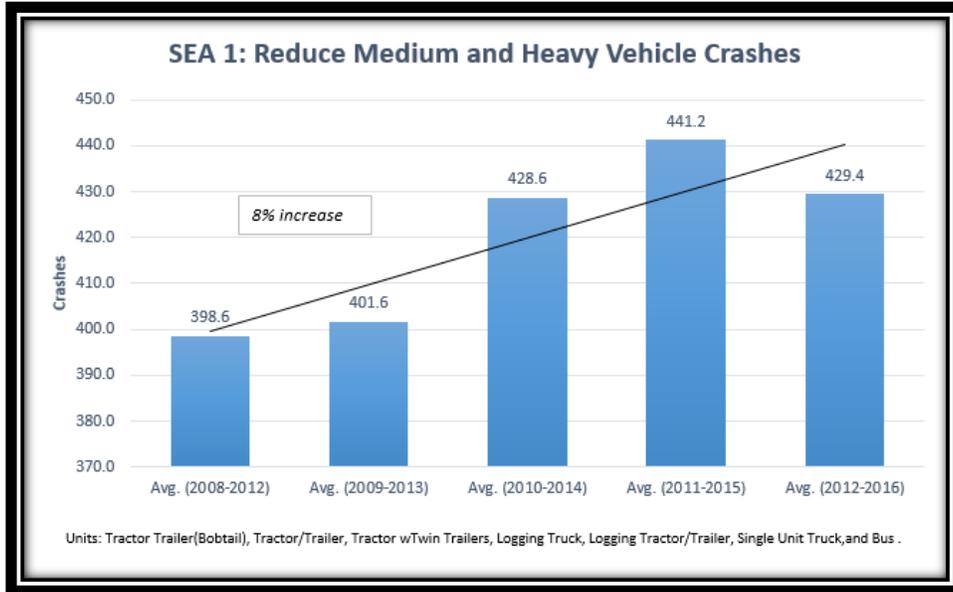
CRITICAL EMPHASIS AREAS



CRITICAL EMPHASIS AREAS



SIGNIFICANT EMPHASIS AREAS



IMPORTANT DATES & PARTNER APPRECIATION

Vermont Highway Safety Alliance Board Meetings from December 2017 to December 2018

Where: AOT – One National Life Drive, Montpelier – Room TBA

When: 9 am – 11 am

To be held the first Wednesday, every second month, commencing on December 6, 2017:

December 6, 2017 : February 7, 2018 : April 4, 2018 : June 6, 2018
August 1, 2018 : October 3, 2018 : December 5, 2018

RESOURCES:

VHSA Website, Facebook, Pledge Link

- <http://vermonthighwaysafety.org/>
- <https://www.facebook.com/Highwaysafetyvt/>
- <http://vermonthighwaysafety.org/pledge/>

Agency of Transportation Crash Query Tool

- <http://apps.vtrans.vermont.gov/CrashPublicQueryTool/>

To receive copies of the newsletter from the Office of Highway Safety, highlighting news from the Governor's Highway Safety Program and the Vermont Highway Safety Alliance, please email Evelyn McFarlane.

If you are interested in putting a free 8 1/2 by 11 inch tabletop safety pledge display in a public area at work or your place of business, please contact:

evelyn.mcfarlane@vermont.gov



The Vermont Highway Safety Alliance would like to thank the Vermont Department of Health, Vermont Healthcare and Emergency Medical Services for their generosity and support of the Alliance conference. The conference is made possible through their donation of the conference room and facility. In addition, the VHSA thanks the National Highway Traffic Safety Administration and the Vermont Governor's Highway Safety Program for the grant funding to make this community event possible. We also extend our appreciation to all the people who have dedicated their time presenting, helping, and attending.

The VHSA extends many thanks to the following for their generous donations to the Alliance.

American Automobile Association, (AAA) Northern New England

David Peters

Consultant on Police Services, LLC

GLOBALFOUNDRIES

Vermont Association of Chiefs of Police

Vermont Insurance Agents Association Inc.

Vermont Sheriffs' Association

Vermont Vehicle and Automotive Distributors Association

THE VHSA EXPRESSES APPRECIATION TO THE FOLLOWING VENDORS

