

## THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



### CHRISTOPHER D. CLEMENT, SR. COMMISSIONER

To: Certified Local Public Agency (LPA) Sponsors and Certified LPA Consultants

From: Nancy Mayville, NHDOT Bureau of Planning and Community Assistance

Re: LPA Notice #2014-1 Work Zone Crash Reporting

Date: April 2014

The NHDOT and Federal Highway Administration (FHWA) are requiring all LPA project sponsors and/or their consultants to complete a Work Zone Crash Report (WZCR) if a crash should occur in your LPA project work zone that has been established to protect the travelling public and/or construction workers. This would include crashes during non-work hours. Please find enclosed a blank copy of NHDOT's Work Zone Crash Report.

If a crash should occur in your LPA project work zone, the WZCR shall be filled out and returned to the NHDOT project manager for your project. A completed hard copy version or a scanned electronic version will be acceptable. The NHDOT project manager will distribute the WZCR within NHDOT, as well as to FHWA. Instructions for filling out the WZCR can be found at the end of the "Work Zone Safety and Mobility Policy Guidelines" located at NHDOT web link: <a href="http://www.nh.gov/dot/business/engineers.htm">http://www.nh.gov/dot/business/engineers.htm</a>

If you have questions when filling out the WZCR, please contact Michelle Marshall (603-271-1407) or Sally Gunn (603-271-1581) or the NHDOT project manager for your project. A previously completed WZCR describing a previous crash is also attached as a reference. In the future, the WZCR will be made available in an electronic database format. You will be notified when the electronic format is available (estimated to be summer 2014).

Thank you in advance for your cooperation in this matter.

History:

On September 9, 2004, the FHWA published the Work Zone Safety and Mobility Rule (the Rule) in the Federal Register (69 FR 54562). The Rule requires implementation of a quantitative approach that measures work zone impacts anticipated during design in comparison with work zone impacts experienced during construction. The measurement and comparison of these impacts will provide practical information that will be used to adjust future work zone policies and procedures. The Rule applies to all state and local governments that receive federal-aid highway funding. Transportation agencies are required to comply with the provisions of the Rule. In an effort to comply with the intent of the Rule, the NHDOT evaluates work zone crashes to identify the causes and assess work zone components. This information is used to identify and develop improved methods and work zone layouts and ultimately improve the safety of construction workers and the travelling public.

#### **NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION**

WORK ZONE TRAFFIC CRASH REPORT (Reports are to be submitted to supervisor within 48 hours of crash)

1. Town or City:			15. Roadway Condition: normal rough		
2. Project Name:			wheel ruts potholes pavement edge drop offs		
3. Project Numbe	r:		16. Surface Conditions:		
4. Bureau:	Bridge Maintenance	Bridge Design	ice/snow unknown		
Survey/Design	n Materials & Researc	h Construction	17. Light Conditions: daytime nighttime		
Traffic	Highway Maintenan	ce Turnpikes	nighttime illuminated dawn/dusk unknown		
LPA	_		<u> </u>		
5. District/Shed/C	ontractor:		18. Weather Conditions:		
6. Crash Date:			snow hail slee freezing rain high winds unknow		
7. Crash Time:	AM	PM unknown	19. Traffic Vol. :   low   moderate   heavy		
8. Number of Vehi	icles Involved:		20. Posted Speed Limit: mph		
9. Number of Pers	ons Injured and Fata	lities:	21. Traffic Control Package: in use not in use		
G	SENERAL PUBLIC	PROJECT PERSONNEL			
In Motor	Motorcycles	Operating	MUTCD NHWZTC OTHER		
Vehicles	Bicyclists Pedestrians	Equipment Pedestrians	07.1 TANGGARAN		
Injured			Condition of devices: good fair poor		
Fatalities			Modifications or comments about the package:		
10. Location of Cr	ash:				
OCCURRED	DISTANCE AND	INTERSECTING ROAD			
ON	DIRECTION FROM	OR FEATURE			
	north		22. Pavement Markings:		
	south		Left TW Centerline Right TW		
	east		none none none		
Route No./Street	Distance west	Route No./Street/Feature	☐ RPM ☐ RPM ☐ RPM		
Noute No./Ollect		rsection	paint paint paint		
11. Type of Crash	or Collision with (firs	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	☐ tape ☐ tape ☐ tape		
frontal/side		r/officer	23. Lane Width (feet):		
sideswipe	] bicyclist   constr	uction vehicle/equipment			
rear end		over a drop off	Shdrs.: 0 1 2 1 4 5 6 7 8 1 1		
head on	pedestrian fixed o	bject (check box below)	tapered unknow		
OTHER	₹:	5 8	24. Changeable Message Signs:		
Eivad Object:			none in place and operating in place and not operating		
Fixed Object: sign post cl	bannalisina davissa	retaining wall	, , , , , , , , , , , , , , , , , , , ,		
	hannelizing devices hangeable message sign	abutment/pier	MESSAGE		
	emporary concrete barrier	arrowboard	phase 1:		
	onstruction equipment	ledge outcrop	phase 2:		
	elephone pole	impact attenuator	*phase 3: * FYI - per the MUTCD, message shall consist of only one or two phases		
	onstruction material stockpil		25. Flaggers:		
OTHER		1	26. Uniformed Officers :		
12. Roadway Design:  two way traffic  interstate/divided			with vehicle without vehicle not used		
one way/ramp	OTHER:		27. At the time of the crash was there Work Zone		
13. Road Alignment: straight and level intersection			related activity?		
curve and level	straight and on a	grade	28. Police Report:		
curve at a hillcre	est 🔲 straight at a hillo	rest	Was a report generated?		
14. Roadway Surfa	ce Type:		Town/City/State Troop No. :		
ravel In.: asphal	concrete grooved	I pavement unpaved	Officer Name:		
Shoulders: asphal			Report Number:		
modiucis. 🗀 aspirat		- Parement Line	report Number.		

WZTCR 5/07 revised 1/16/14	00 Olastal David		continued on the back
	29. Sketch Rec	uired	
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31. Crasi	h Description and any A	dditional Comments:	
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		Water and the second se	
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g 2 3 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		2	
2. Report generated by:			A STATE OF THE STA
Signature	·	Name (print)	Date:
		n	Date.
Signature of Supervisor		lame (print)	Date:

# NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CRASH REPORT TO LEAST OF Greek)

(Reports are to be submitted to supervisor within 48 hours of crash)

1. Town o	r City:			rikketon surdani distribution missari di Kiri	NOTE THE PROPERTY OF THE PARTY	15. Roadway Condition	normal	rough
2. Project Name: Salem-Manchester					wheel ruts	potholes pavem	ent edge drop offs	
3. Project	Number:	14633-F	American -		EXCESS DESCRIPTION DESCRIPTION	16. Surface Conditions:	✓ dry	wet
4. Bureau	THE RESERVE THE PARTY OF THE PA	MICHIGAN PROPERTY OF THE PARTY	1aIntenance	Bridge	Design	The string drawns have been been assessed in the control of the strength of the string	ice/snow	unknown
40420	ey/Design	name .	s & Research	Constr		17. Light Conditions:	toward toward	nighttime unknown
Traff	CALIFORNIA PROPERTY AND A SECURE		Maintenance	L Tumpi	. CO	18. Weather Conditions:	checognishes have not usually accompanies where the contract of	
5. District	AVAINABLE TO THE PROPERTY OF T	DATE OF THE PARTY	-	indonesia.	arguning the term was a second of the	snow hail sleet		
6. Crash Date: March 1				19. Traffic Vol. : I low	manufacture management or a direction of the state of the	heavy		
7. Crash Time: 12:16 AM PM unknown				UNKIOWII				
8. Numbe	8. Number of Vehicles Involved: 2				nd program is transactive than the safe safe of the state of the safe safe safe safe safe safe safe saf	20. Posted Speed Limit:	CONTROL MAN CONTROL OF THE PARTY OF THE PART	
9. Numbe	r of Perso	ns Injure	d and Fata	lities:		21. Traffic Control Pack	age: 🔲 in use	ot in use
١,	GE	NERAL PUB	LIC	PROJECT P	ERSONNEL	Package Designation:		
	In Motor	Motorcycles		Operating		MUTCD	NHWZTC	OTHER
	Vehicles	Bicyclists	Pedestrians	Equipment	Pedestrians	TA	TC-	
Injured	None					Condition of devices: go  Modifications or comments about	ood fair poo	or
Fatalities	MANUFACTURE AND THE SECOND	ah.	AND SHOULD BE AND SHOULD BE THE SHOULD BE	THE PARTY OF THE PROPERTY.	OND TO DESCRIPTION OF THE PROPERTY OF THE PROP	*Permanent construction	* Automotive	
10. Locati	1	DISTAN	CE AND	INTERSECT	TING BOAD	1 Gillanelli Colleti detion i	sone signs in place.	
0000			ON FROM	OR FE			**************************************	
		DIRCOTT	north	ONTE	TIONE	22. Pavement Markings:	Approximate and provide a particular to the particular deposits of the part	STATE OF THE PERSON OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE
			south	At I	Milo	Left TW	Centerline	Right TW
I-93	NID		east	Marke		none	none	none
*******************	personal desirement about	Land of the second	west	***************************************		RPM	RPM	☐ RPM
Route No	o./Street	Distance	at inters	Route No./St	treet/Feature	✓ paint		✓ paint
11. Type o	of Crook o	from (ft.)	Channel Commission of the Comm	nutramental mineral menungan	avant).	tape	tape tape	tape tape
	tal/side	rollover	flagger		eventy.	23. Lane Width (feet):		
5000	swipe	bicyclist		ction vehicle/	equipment	Lanes: 8 9 10 10	11 7 12 12+	tapered 🗀 unknown
✓ rear	-	worker		er a drop off		Shdrs.: 0 1 2		Authorite
head	Remed	pedestrian		oject (check b			and the same of th	apered unknown
	OTHER:	Podosinan	board	,,	,	24. Changeable Messag	e Sians:	<del>Memory Committee on Committee</del>
Fixed C			***			none in place an	THE REAL PROPERTY.	ce and not operating
-	_	nnelizina dev	rices	retainii	ng wall		MESSAGE	
		ngeable mes			ent/pier	phase 1: BLASTING TODAY		
☐ water	r 🔲 tem	porary concr	ete barrier	arrowb	ooard	phase 2: AT EXIT 5	the question and the state of t	
tree	con	struction equ	ipment	ledge of	outcrop	*phase 3:		
☐ bould	ier 🔲 tele	phone pole		impact	attenuator	* FYI - per the MUTCD, mess	age shall consist of only	one or two phases
light	post 🔲 con	struction ma	terial stockpile	•		25. Flaggers:	✓ in use	ot in use
	OTHER:	Manufacture on Title 27				26. Uniformed Officers :	1	
12. Roady	vay Desig	n: 🗌 two	way traffic	✓ interstate	e/divided	with vehicle	without vehicle	not used
one way/ramp OTHER:			27. At the time of the cra	ash was there Wor	k Zone			
13. Road Alignment:  straight and level  intersection				related activity?	☑ yes ☐	] no		
curve and level straight and on a grade				28. Police Report:				
curve at a hillcrest straight at a hillcrest				Was a report generated?	✓ yes 🗌 no	unknown		
14. Roadway Surface Type:				Town/City/State Troop No. :	State Trooper			
				District Control of the Control of t				
Shoulders: 🗹 asphalt 🗌 concrete 🔲 grooved pavement 🔲 unpaved					Report Number: B-4 C	Anthronoiment of programme, and a second of the second of	number of the state of the stat	

		29. Sketch Required	
,		NTS	
10 A. Shoulder		K	
Travel Lane	- A	Vehicle Impact 122 Path Location	
High Speed Lane		Miller of Porth	
Located At Station 1780 + 60 1/2	State	Vehacle #1 On Vehicle #2 70	arnels very 25 ft.
North	Trooper	Impact Took Place at Mile Marker 14.8	very 25 ft.
: '		SEE SCETCH IN FILE COPY	
daily report	police report	30. Additional Documentation  photos videos digital photos for videos	cos
		Description and any Additional Comments:	
		ne at 12:16 pm. Vehicle #1 slowed down for a state trooper p	Committee of the Commit
		react in time and rear-ended Vehicle #1. Vehicle #1 traveled i	27-47-14-1-15-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
		travel lane after impacting Vehicle #1 and came to a stop in thus.  The driver in Vehicle #2 had no injuries. The driver of Ve	
		was transported to the Elliot hospital from the crash site by a	
The contractors on site			modance.
NOTE : The message b	oard on I-93 NB was I	ocated on the low speed side at Mile Marker 12.7.	
2. Report generated i	by:	And	
Signature	9	Name	Date
	annuminary and produce and an annual and		
Signat	nanvisor,	Name	Date
Distribution: Plann	ing & Community Assi	* Submit this report to supervisor within 48 stance Traffic Originating Bureau	hours of the crash. FHWA TMC