

मुख्य सचिव, उत्तराखण्ड शासन महोदय की अध्यक्षता में समस्त जिलाधिकारियों के साथ वीडियो कान्फ्रेंसिंग के माध्य से सड़क सुरक्षा बैठक आहूत किये जाने हेतु एजेण्डा बिन्दु:-

- 1- लोक निर्माण विभाग से सम्बन्धित नहीं है।
- 2- चिन्हित ब्लैक स्पॉट के सुधार के सम्बन्ध में की गयी कार्यवाही एवं सुधार की अद्यतन स्थिति संलग्न है।
- 3- जनपद में राष्ट्रीय राजमार्ग/राज्य मार्ग पर लगाये गये ऐसे होर्डिंग्स/आबजैक्ट्स जो वाहन चलाने में बाधा उत्पन्न करते हैं। वर्ष 2016 तक कुल 259 होर्डिंग्स/आबजैक्ट्स चिन्हित किये थे। जिसके विरुद्ध कुल 259 होर्डिंग्स/आबजैक्ट्स हटाये जा चुके हैं। वर्ष 2017 की Report अप्राप्त है।
- 4- जनपद में फुटपाथों एवं सड़कों पर अतिक्रमण का आडिट एवं हटाये जाने की कार्यवाही का विवरण :- जनपद स्तर पर कार्यवाही की जानी है।
- 5 - लोक निर्माण विभाग से सम्बन्धित नहीं है।
- 6- लोक निर्माण विभाग से सम्बन्धित नहीं है।
- 7- वर्ष 2009 में जनपद के मार्गों पर निर्धारित की गयी अधिकतम गति सीमा का पुनर्निर्धारण प्रस्ताव आर०टी०ओ०/पुलिस एवं लो०नि०वि० द्वारा संयुक्त निरीक्षण कर दिया जाना है।
- 8- लोक निर्माण विभाग से सम्बन्धित नहीं है।
- 9- लोक निर्माण विभाग से सम्बन्धित नहीं है।
- 10- जनपद की सड़कों पर पैरापिट, क्रैश बैरियर, सूचना संकेत बोर्ड, ट्रैफिक कांमिंग उपायों का क्रियान्वयन

एजेन्सी	कुल लम्बाई	उपलब्धि
NH with NHAI	207.00 Km	50.00 Km
NH with PWD & BRO	1979.00 km	960.00 Km
State PWD		
SH	4521.00 Km	1550.00 Km
MDR	2152.00 Km	845.00 Km
ODR	2651.00 Km	730.00 Km

- 11 से 16- लोक निर्माण विभाग से सम्बन्धित नहीं है।

दुर्घटना रोकने हेतु की गई कार्यवाही

- 1- Road Safety Auditor के empanelment हेतु कार्यवाही गतिमान है। प्रस्ताव प्राप्त। 15 जनवरी, 2017 तक परीक्षण कर सूची जारी कर दी जायेगी।
- 2- ₹ 10.00 करोड़ से अधिक लागत के कार्यों का Road Safety Audit कराने हेतु Circular निर्गत कर दिया गया है। Road safety Auditor के empanelment के पश्चात Road Safety Audit की कार्यवाही की जायेगी।
- 3- प्रत्येक आगणन में Road Safety मदों का पर्याप्त प्राविधान करने हेतु Circular निर्गत कर दिया गया है।
- 4- वर्ष 2016-17 में Road Safety मद में ₹ 100.00 लाख का आवंटन था, जो कि विभिन्न खण्डों को सड़क सुरक्षा मद के कार्य कराने हेतु आवंटित किया गया था। जिसके विरुद्ध ₹ 99.99 लाख व्यय कर लिया गया है।
- 5- वर्ष 2017-18 में Road safety मद में ₹ 300.00 लाख की धनराशि शासन द्वारा अवमुक्त है। जिसके विरुद्ध ₹ 50.00 लाख का आवंटन कर दिया गया है एवं आवंटन के विरुद्ध ₹ 40.35 लाख का व्यय कर लिया गया है।
- 6- विभाग में Road Safety Cell का गठन कर लिया गया है। जिसके अन्तर्गत 1 मुख्य अभियन्ता, 2 अधीक्षण अभियन्ता, 1 सहायक अभियन्ता कार्यरत हैं।
- 7- केन्द्रीय सड़क निधि के अन्तर्गत Road Safety मद में कुल अनुमोदित धनराशि के 10% धनराशि के अन्तर्गत प्रस्ताव गठित किये जा रहे हैं। दिनांक 15.01.2017 तक प्रेषित कर दिये जायेंगे।
- 8- सभी राज्य मार्गों/मुख्य जिला मार्गों का Road Safety Audit जून, 2020 तक करने का लक्ष्य रखा गया है। जिसके विरुद्ध 974.73 कि.मी. कुल 84 मार्गों का Road Safety Audit मार्च, 2017 तक ए0डी0बी0 वित्त पोषित योजना के अन्तर्गत पूर्ण कर लिया गया है। 1000.00 कि.मी. राज्य मार्गों का Road Safety Audit ए0डी0बी0 वित्त पोषित योजना के अन्तर्गत वर्ष 2018 में पूर्ण कर लिया जायेगा एवं अन्य राज्य के संसाधनों से भी 200.00 कि.मी. राज्य मार्गों का Road Safety Audit वर्ष 2018 तक पूर्ण कर लिया जायेगा।

PILLAR 2 : SAFER ROADS AND MOBILITY

State Name - UTTARAKHAND

S. No.	ACTIVITY	TARGET	NODAL AGENCY	OTHER STAKEHOLDERS	RESOURCES REQUIRED (Rs in lac)	PROGRESS	Annexure
1	The design standards for Indian roads are contained in the Codes of Practice and Standards of the Indian Roads Congress. Detailed instructions in this regard were issued by the Ministry of Road Transport and Highways vide their Circular No. RW/NH-35072/04/2004-S&R(I) Dated 27th April, 2010. No estimate should be sanctioned by the State Government unless the recommended provisions have been issued.	Forthwith	State PWD		N.A.	(1)- Road Safety Audit cell established vide ENC/HOD, PWD, Uttarakhand letter No.-391/76 dt. 08-08-2017, dated 12 July, 2017 with comprising One Chief Engineer, One Superintending Engineer & Two Assistant Engineer. (2)- Estimates sent to Govt. are being framed as per IRC & MORD Norms.	
2	Improving Road Marking and signage: All state highways and other roads should have signs and road markings as per IRS standard.	NHAI- 207.00 Km NH- 1879.00 Km SH- 4521.00 Km MDR- 2152.00 Km ODR- 2651.00 Km	State PWD	Public	Based on improvement proposal of roads including pavement conditions and as per recommendation Road Safety Auditor On going progress on NHAI- 50.00 Km NH with PWD- 950.00 Km S.H.- 1550.00 Km MDR- 845.00 Km ODR & VR - 730.00 Km		
3	Road Safety Audit and Implementation of Recommendations: RSAs should be done on all State highways and other roads. Implementation or recommendations by devising a safety measures plan should be put in place.	Total length of road for Road Safety Auditing :- NH - 2186.00 Km SH - 4521.00 Km MDR - 2152.00 Km ODR - 2651.00 Km VR - 20269.00 Km <u>Total - 31779.00 Km</u>	State PWD	Public	Depends on recommendations of RSA S.H. - 68.777 Km M.O.R.- 104.575 Km ODR - 382.865 Km V.R. - 418.514 Km = 974.731 Km (2)- Road Safety Audit during construction from 2 lane to 4 lane under progress on NH with NHAI - 207.00 Km (3) Road Safety Audit at DPR stage in progress on NH with NHAI - 142.00 Km (4) Under Char Dham Project, road safety audit has been done at DPR stage in length of 889.00 km by NH with State PWD (5) Road Safety Audit of 1000 km SH (PWD) to be done upto 2018 by ADB. (6) Road Safety Audit of 120 Km SH (PWD) to be done upto June 2018 by PWD (7) Balance of NH, SH & MDR Road Safety Audit to be done by State PWD/PMGSY after impanelment of road safety auditor and to be done by 2020. (Enclosure- H)		

S. No.	ACTIVITY	TARGET	NODAL AGENCY	OTHER STAKEHOLDERS	RESOURCES REQUIRED (Rs. in lac)	PROGRESS	Annexure
4	Eliminate high risk stretches - Black Spots on State highways and other roads. (On the basis of accident report by Police Department for the year of 2013, 2014, 2015 & 2014, 2015, 2016)	State PWD - 25 No. NH with State PWD - 33 No. NH with NHAI - 65 No. Total - 123 No.	State PWD	Public & State Police	Will be taken up after RSA.	Detail of 123 Black Spots for Action Taken on all Activity Enclosed (Enclosure - A,B,C)	
5	Improvement of junctions on State Highways and other roads.	Number of Junction to be identified by RSA	State PWD	Public & State Police	Depends on recommendations of RSA	(i) After identification of junctions for improvement, @15 No. per year to be rectified on State PWD road. (ii) Junctions on NH with State PWD in length 889.00 Km to rectified with Char Dham Project to be completed by 2020 (iii) Junctions on NH with NHAI in length 207.00 Km is in progress under construction of 2 lane to 4 lane project. (iv) Junctions on SH PWD in length 1000 Km to rectified under ADB project for which DPR work in progress. (v) Junction on Balance NH length to be rectified after recommendation of RSA.	
6	Improve lighting on Highways near Habitations.	Nil		Public	N.A.	This work is carried out by Municipal Bodies.	
7	Removal of dangerous road side objects.	Total numbers of Hoardings on the road of NH with State PWD - 234 No. S.H. & MDR - 25 No.	State PWD	Public	300.00	234 No. of hoardings on NH with State PWD & 25 No. of hoardings on State PWD has been removed. Report for new road side objects in the year 2017 yet not received from concerned division. (Enclosure - G)	
8	Training for Road Safety Engineers involved in planning, design, construction and operation of Highways need to be trained on road safety. In addition, consultants, contractors and concessionaires also need to be trained. Facility available at the Indian Academy of Highway Engineers (IAHE).	Total numbers of Engineers in PWD = 1274 No.	State PWD	PWD	300.00	22 Engineers have been trained for Road Safety by (I.A.H.E.). For training of balance engineers in Kurmai & Garhwal Zone, proposal received from C.S.I.R. New Delhi vide letter no CRRI/CS9/IA/T/01/1 B 175 date 25 oct 2017 for payment of the institutional fee. expenditure on training programme costing rs 19.70 lac to be approved by lead agency (Road Safety) for which letter sent to transport commissioner UK (Enclosure D,E,F)	
9	Provision of separate roads for bicycles and non motorised modes on all arterial roads and highways.	Nil	State PWD	Municipal Bodies	N.A.	Non motorised modes of transport are not common in hills.	
10	Establish a specialist road safety unit to monitor and improve the safety of road network.		State PWD	Public	N.A.	Road Safety unit as lead agency has been framed. Lead agency is monitoring regularly on all Activities of Road Safety.	

S. No.	ACTIVITY	TARGET	NODAL AGENCY	OTHER STAKEHOLDERS	RESOURCES REQUIRED (Rs in lac)	PROGRESS	Annexure
11	Speed calming measures on Highways near inhabited areas. At present, there is insufficient facility for people to cross over from one side to other as a consequence of which large number of pedestrian deaths are taking place in these areas. Provision of crossover for pedestrian and safety devices like central verge, railing, grills on both sides of the Highways. There is also need for setting speed limits, caution signs, speed calming measures like table top speed breakers, rumble strips on highways particularly on vulnerable locations so that vehicles slow down at appropriate places.	Total length of road for establishment of speed calming measures NH with NHAI - 207.00 km NH with State PWD - 1979.00 km SH - 4521.00 km MDR - 2152.00 km QDR - 2651.00 km <u>Total - 11510.00 km</u>	State PWD	Public Schools	500.00	District Road Safety Committee has been established by Govt. for inspection of all accident prone stretches and for location of speed calming measures. No. of Commissioned transport department, Uttarakhand letter No. 4629 / 47000 / 410-70 / 1-800 / 2017, dated 13 July, 2017 comprising with all District Magistrate nominated as President (Road Safety). Proceeding for empanelment of Road Safety Auditor is being under progress. After auditing by Road Safety Auditor, all required places for speed calming measures on road will be done upto 2020. NH with NHAI- 50.00 Km NH with State PWD- 960.00 Km SH- 1550.00 Km MDR- 845.00 Km QDR- 730.00 Km <u>4135.00 Km</u>	
12	Installation of speed management measures by way of transition from highway to city traffic.	For speed management measures by way of transition from highway to cities traffic post should be established by Traffic Police.	State PWD	Public	Depends on recommendations of RSA	To be done by Police and Transport Department.	
13	Providing truck lay bays and providing bus bays and bus shelters along State highways.	NH with NHAI - 5 No. NH with State PWD - 20 No. State PWD - 3 No. <u>Total - 28 No.</u>	State PWD	Transport Associations	Nil	Bus bays/shelters at three places will be done upto 2020. (i) 5 No. to be covered 4 lining project, work in progress. (ii) 20 No. to be covered with single lane to 2 lane Char Dham Project for which DPR and LA work in progress. (iii) 3 No. to be construction under sanction project after recommendation of RSA.	
14	Wayside amenities for long distance drivers: A large number of accidents happen because long distance drivers do not have wayside amenities for rest and recuperation. There is urgent need to establish these amenities on roadides at national and other highways because accidents generally happen due to fatigue and over work. Transporters need to be educated to give a reasonable schedule of movement of vehicle which will not force drivers to drive long hours without sleep and rest.	NH with NHAI - 6 No. NH with State PWD - 33 No. <u>Total - 39 No.</u>	State PWD		Nil	Wayside amenities at 39 places will be done upto 2020. (i) 6 No. to be covered in 4 lining project, Work in progress. (ii) 33 No. to be covered with single lane to 2 lane Char Dham Project for which DPR and LA work in progress.	

S. No.	ACTIVITY	TARGET	MODAL AGENCY	OTHER STAKEHOLDERS	RESOURCES REQUIRED (Rs in lac)	PROGRESS	Annexure
15	Develop a model stretch of Safe highway on an accident prone stretch and evaluate results.	NIL	State PWD		Depends in recommendations of RSA	Stretch is being selected.	

(आरओसीएचएसएल)
मुख्य अभियंता स्तर - I (मुख्यालय)
कार्यस्थल प्रमुख अभियंता एवं निजीगत
लोकोमोशन, उत्तराखण्ड, देहरादून

उत्तराखण्ड में जनपदवार राष्ट्रीय राजमार्ग/राज्य मार्ग/अन्य मार्गों पर स्थित ब्लैक स्पॉट की सूची

वर्ष 2013, 2014, 2015 एवं 2016 में उत्तराखण्ड राज्य में हुई दुर्घटनाओं के आधार पर चिन्हित ब्लैक स्पॉट पर की गई कार्यवाही का सारांश

Sl. No.	State Name	Name of Department	Total Black Spots (In No.)	Completed Black Spots (No.)	Short Term Completed (No.)	Remaning Work										
						Short Term under Progress	Long Term									Work yet to be commenced
							Under U.P. Govt. (DPR Under progress)	DPR under Progress	DPR Sent for sanction	Work stayed by Hon'ble HighCourt	Safety Audit to be done	Work under progress	Report Not Recieved	Alternative road under progress	Alternative road Proposed	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1-	UTTARAKHAND	State PWD	25	8	24	1	0	11	0	0	3	2	1	0	0	0
2-		N.H	33	2	29	4	0	13	3	1	4	0	3	0	0	7
3-		N.H.A.I.	65	15	6	58	1	0	0	0	0	0	39	0	3	0
		Total	123	25	59	63	1	24	3	1	7	41	4	3	0	14

उत्तराखण्ड में जनपदवार राष्ट्रीय राजमार्ग / राज्य मार्ग / अन्य मार्गों पर स्थित ब्लैक स्पॉट की सूची

वर्ष 2013, 2014, 2015 एवं 2016 में उत्तराखण्ड राज्य में हुई दुर्घटनाओं के आधार पर चिन्हित ब्लैक स्पॉट पर की गई कार्यवाही का सारांश

Remaining Work																	
SL No.	District Name	Name of Department	Total Black Spots (In No.)	Completed Black Spots (No.)	Short Term Completed (No.)	Short Term under Progress	Long Term										Work yet to be commenced
							Under U.P. Govt. (DPR Under progress)	DPR under Progress	DPR Sent for sanction	Work stayed by Hon'ble High Court	Safety Audit to be done	Work under progress	Report Not Reclaved	Alternative road under progress	Alternative road Proposed		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1- TEHRI GARHWAL		State PWD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		N.H.	5	--	5	--	--	--	--	--	--	--	--	--	--	5	
		N.H.A.I.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		Total	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5
2- DEHRADUN		State PWD	18	7	18	--	--	11	--	--	--	--	--	--	--	--	
		N.H.	22	2	21	1	--	13	3	1	3	--	--	--	--	--	
		N.H.A.I.	9	2	2	7	--	--	--	--	--	7	--	--	--	--	
		Total	49	11	41	8	0	24	3	1	3	7	0	0	0	0	0
3- HARIDWAR		State PWD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		N.H.	1	--	--	1	--	--	--	--	--	--	--	--	--	1	
		N.H.A.I.	27	5	3	24	1	--	--	--	--	21	--	--	--	--	
		Total	28	5	3	25	1	0	0	0	0	21	0	0	0	0	1
4- CHAMOLI		State PWD	2	--	1	1	--	--	--	--	--	--	--	--	--	--	
		N.H.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		N.H.A.I.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		Total	2	0	1	1	0	0	0	0	0	1	1	0	0	0	0

Remaining Work																	
Sl. No.	District Name	Name of Department	Total Black Spots (In No.)	Completed Black Spots (No.)	Short Term Completed (No.)	Short Term under Progress	Long Term										
							Under U.P. Govt. (DPR Under progress)	DPR under Progress	DPR Sent for sanction	Work stayed by Hon'ble HighCourt	Safety Audit to be done	Work under progress	Report Not Received	Alternative road under progress	Alternative road Proposed	Wors yet to be commenced	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
5-	PAURI GARHWAL	State PWD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		N.H.	1	-	-	1	-	-	-	-	-	-	-	-	-	1	
		N.H.A.I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6-	ALMORA	State PWD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		N.H.	1	-	1	-	-	1	-	-	-	-	-	-	-	-	
		N.H.A.I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Total	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
7-	NAINITAL	State PWD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		N.H.	2	-	-	2	-	-	-	-	-	-	2	-	-	-	
		N.H.A.I.	5	-	-	5	-	-	-	-	-	-	-	-	-	5	
		Total	7	0	0	7	0	0	0	0	0	0	0	2	0	0	5
8-	UDHAM SINGH NAGAR	State PWD	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
		N.H.	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
		N.H.A.I.	24	8	3	21	-	-	-	-	-	-	11	-	3	-	2
		Total	28	8	6	21	0	0	0	0	0	3	11	1	3	0	2
9-	PITHORAGA RH	State PWD	2	1	2	-	-	-	-	-	-	1	-	-	-	-	
		N.H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		N.H.A.I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Total	2	1	2	0	0	0	0	0	0	0	1	0	0	0	0
G. Total			123	25	59	63	1	24	3	1	7	41	4	3	0	14	

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term suggested by District Road Safety Committee	Status of Work done	Remarks
						N.H.	Other		Yes	No	Inspecting Department	Date of inspection			
1	Deoria	Deoria	Deoria	Deoria	Deoria	SH-24 (Km-10, Hm. 2-4)		Due to old / narrow	Yes	No	PWD Transport Police	17.02.2017	Short term 1. Rubble Strip 2. Cautionary Sign board 3. Thermoplastic paint 4. Cat eyes. Long term Improvement of curve is required.	18	no and after at 1st 1st; after at 1st 1st
2	Deoria	Deoria	Deoria	Deoria	Deoria	SH-24 (Km-6, Hm. 4-6)		Due to old / narrow	Yes	No	PWD Transport Police	17.02.2017	Short term 1. Rubble Strip 2. Cautionary Sign board 3. Thermoplastic paint 4. Cat eyes. Long term Improvement of curve is required.	18	no and after at 1st 1st; after at 1st 1st
3	Deoria	Deoria	Deoria	Deoria	Deoria	MDR (Km - 6 Hm. 5-6)		Due to old / narrow	No	No	PWD Transport Police	17.02.2017	Short term 1. Rubble Strip 2. Cautionary Sign board 3. Thermoplastic paint 4. Cat eyes. Long term Not required.	Long Term Not Required	
4	Deoria	Deoria	Deoria	Deoria	Deoria	Shimla bypass road (M.D.R.) Km 35.00 (34.540)		Due to old / narrow	No	No	PWD Transport Police	30.02.2017	Short term 1. Rubble Strip 2. sign board 3. Thermoplastic paint 4. cat eyes work are completed. Long term Not Required	18	no and after at 1st 1st

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remarks
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
10	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	7	Dhruva-Mussoorie Road (Bt. 1.00) Km 9.00	Nil with / without	-	NO	PWD Transport Police	08.12.2016	Short term 1. Rubble Strip 2. sign boards 3. Stop line (white line) marked Completed Long term Not required	15	its not after an accident gt; discussion after (see in ver 8)
11	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	-	M.D.R. Km 5, Hm 2-4	Nil with / without	Yes	NO	PWD Transport Police	17.02.2017	Short term 1. Rubble Strip 2. Separator 3. Thermoplastic paint 4. sign boards Long term Improvement of curve is required	16	its not after an accident gt; discussion after (see in ver 8)
12	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	-	Chakrata Road (SH-22) Km 1.875	Nil with / without	-	NO	PWD Transport Police	08.12.2016	Short term 1. Rubble Strip 2. sign boards 3. Thermoplastic paint 4. Stop line Long term Not required	17	its not after an accident gt; discussion after (see in ver 8)
13	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	-	Chakrata Road (SH-22) Km 1.175	Nil with / without	-	NO	PWD Transport Police	08.12.2016	Short term Median cut closed at Junction. Long term Not required	18	Long Term Not Required
14	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	-	Shivli bypass road (M.D.R.) Km 1.00 (14.950)	Nil with / without	-	NO	PWD Transport Police	20.02.2017	Short term 1. Rubble Strip 2. sign boards 3. Thermoplastic paint 4. catays Long term Not required	19	Long Term Not Required
15	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	-	Shivli bypass road (M.D.R.) Km 1.00 (14.950)	Nil with / without	-	NO	PWD Transport Police	18.02.2017	Short term 1. Rubble Strip 2. sign boards 3. Thermoplastic paint 4. catays Long term Not required	20	its not after an accident gt; discussion after (see in ver 8)
16	Garoga	Garoga	Garoga, Garoga (Bt. 1.00)	Garoga	1 Km	-	Shivli bypass road (M.D.R.) Km 1.00 (14.950)	Nil with / without	Yes	-	PWD Transport Police	18.02.2017	Short term 1. Rubble Strip 2. sign boards 3. Thermoplastic paint 4. catays Long term Not required	21	its not after an accident gt; discussion after (see in ver 8)

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
17	Deoria	Pratap nagar, Chhapra, Sonapatna, Sonapatna	Chhapra, Sonapatna (10-12, 13-14)	Chhapra	10.5 km	7	Sharda bypass road (M.D.R.) Km 12.00 (11-400)	the rth / accident	10	11	PWD Transport Police	20.02.2017	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term Junction improvement required	15 Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term	16 the rth side of road the rth side of road the rth side of road the rth side of road
18	Deoria	Pratap nagar, Chhapra, Sonapatna, Sonapatna	Chhapra, Sonapatna (10-12, 13-14)	Chhapra	10.5 km	-	Sharda bypass road (M.D.R.) Km 5.00 (2-100)	the rth / accident	-	No	PWD Transport Police	18.02.2017	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term Junction improvement required	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term	the rth side of road the rth side of road the rth side of road the rth side of road
19	Deoria	Pratap nagar, Chhapra, Sonapatna, Sonapatna	Chhapra, Sonapatna (10-12, 13-14)	Chhapra	10.5 km	NH-58 (Km. 226 Hect 0-2)	-	the rth / accident	Yes	-	PWD Transport Police	30.12.2016	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term Junction improvement required	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term	Short term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes
20	Deoria	Pratap nagar, Chhapra, Sonapatna, Sonapatna	Chhapra, Sonapatna (10-12, 13-14)	Chhapra	10.5 km	NH-58 (Km. 227 Hect 8-10)	-	the rth / accident	Yes	-	PWD Road & Transport Police	30.12.2016	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term Junction improvement required	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term	Short term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes
21	Deoria	Pratap nagar, Chhapra, Sonapatna, Sonapatna	Chhapra, Sonapatna (10-12, 13-14)	Chhapra	10.5 km	NH-707A (Km. 170.00 172)	-	the rth / accident	-	No	-	-	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term Junction improvement required	Short term 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term	Short term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes Long term measures 1. Rumble Strip 2. sign boards 3. Thermoplastic paint 4. catayes

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spot Location Km wise	Police station	Road Distance from Police station	Name of Road & Change		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
22	Dehradun	राष्ट्रीय राजमार्ग, अयोध्या, अद्वैत	अयोध्या रोड अट-ऑफ, अद्वैत	अद्वैत	3 Km	NH 707A (Km 178 Heed 4-0)	-	धा धा / अद्वैत	—	No	PWD Road & Transport Police	13.01.2017	14 Short Term Resolving wall/ Green Barrier, Parapet Delineator, Thermoplastic White Line 15 Long term road geometric is ok. 16 Long term widening required	15 Short Term Resolving wall/ Green Barrier, Parapet Delineator, Thermoplastic White Line completed	16 Short Term measures (H) and (F) Long term measures Audit To be done.
23	Dehradun	राष्ट्रीय राजमार्ग, अयोध्या, अद्वैत	अयोध्या रोड अट-ऑफ, अद्वैत	अद्वैत	4 Km	NH 707A (Km 177 Heed 6-0)	-	धा धा / अद्वैत	—	No	PWD Road & Transport Police	13.01.2017	14 Short Term Resolving wall/ Green Barrier, Parapet Delineator, Thermoplastic White Line 15 Long term widening required	15 Short Term Resolving wall/ Green Barrier, Parapet Delineator, Thermoplastic White Line completed	16 Short Term measures (H) and (F) Long term measures Audit To be done.
24	Dehradun	राष्ट्रीय राजमार्ग, अयोध्या, अद्वैत	अयोध्या रोड अट-ऑफ, अद्वैत	अद्वैत	5 Km	NH-72 (Km 125 Heed 2-0)	-	धा धा / अद्वैत	Yes	—	PWD Road & Transport Police	13.01.2017	14 Short Term Roundabout White Line Stop Line Call Eyes Informant/ Sign Board 15 Long term Four lining work with geometric improvements & Junction improvement are required	15 Short Term Roundabout White Line Stop Line Call Eyes Informant/ Sign Board 16 Long term Four lining work with geometric improvements & Junction improvement are required	16 Short Term measures (H) and (F) Long term measures (H) and (F) Audit To be done.
25	Dehradun	राष्ट्रीय राजमार्ग, अयोध्या, अद्वैत	अयोध्या रोड अट-ऑफ, अद्वैत	अद्वैत	6 Km	NH-72 (Km 125 Heed 0-0)	-	धा धा / अद्वैत	Yes	—	PWD Road & Transport Police	13.01.2017	14 Short Term Roundabout White Line Stop Line Call Eyes Informant/ Sign Board 15 Long term Four lining work with geometric improvements & Junction improvement are required	15 Short Term Roundabout White Line Stop Line Call Eyes Informant/ Sign Board 16 Long term Four lining work with geometric improvements & Junction improvement are required	16 Short Term measures (H) and (F) Long term measures (H) and (F) Audit To be done.

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remark
						M.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
26	Deoria	Deoria Division	Deoria Division	Deoria Division	1.5 km	NH-72 (Km. 161 Hect. 2-10)	-	Bad road / narrow	Yes	No	PWD, Transport, Police	07.01.2017	14	15	16
27	Deoria	Deoria Division	Deoria Division	Deoria Division	1.5 km	NH-72 (Km. 161 Hect. 2-4)	-	Bad road / narrow	Yes	No	PWD, Transport, Police	07.01.2017	Short Term Rumble Strips White Line Stop Line Cat Eyes Informant Sign Board Long Term Four lining work with geometric improvements & Junction improvement are required.	Short Term Rumble Strips White Line Stop Line Cat Eyes Informant Sign Board Long Term Four lining work with geometric improvements & Junction improvement are required.	Short Term measures completed. Four lining work is started by HMTA high Court. Uttarakhand National Express application filed by PWD at court for the road B.
28	Deoria	Deoria Division	Deoria Division	Deoria Division	1.5 km	NH-72 (Km. 160 Hect. 5-8)	-	Bad road / narrow	Yes	No	PWD, Transport, Police	07.01.2017	Short Term Rumble Strips White Line Stop Line Cat Eyes Informant Sign Board Long Term Four lining work with geometric improvements is required.	Short Term Rumble Strips White Line Stop Line Cat Eyes Informant Sign Board Long Term Four lining work with geometric improvements is required.	Short Term measures completed. Four lining work is started by HMTA high Court. Uttarakhand National Express application filed by PWD at court for the road B.
29	Deoria	Deoria Division	Deoria Division	Deoria Division	1.5 km	NH-72 (Km. 160 Hect. 0-2)	-	Bad road / narrow	Yes	No	PWD, Transport, Police	07.01.2017	Short Term Rumble Strips White Line Stop Line Cat Eyes Informant Sign Board Long Term Four lining work with geometric improvements & Junction improvement are required.	Short Term Rumble Strips White Line Stop Line Cat Eyes Informant Sign Board Long Term Four lining work with geometric improvements & Junction improvement are required.	Short Term measures completed. Four lining work is started by HMTA high Court. Uttarakhand National Express application filed by PWD at court for the road B.

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Challenge		Suggested Cause by Police Department	Are there any road related deficiency causing accident at Black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
42	Deoria	Deoria	Deoria	Deoria	5 Km	NH-58		Due to old / narrow	Yes	No	PWD	13	14 Short Term Safety measures like caution board and signages to be installed. Blinders and rumble strips to be installed. Long Term Four lane widening to be done.	15 Short Term Short term measures will be completed by 31.01.2018. Long Term Four lane widening in progress. Long term measures will be completed by 31.12.2018.	16
43	Deoria	Deoria	Deoria	Deoria	4 Km	NH-58		Due to old / narrow	Yes	No	PWD	13	14 Short Term Safety measures like caution board and signages to be installed. Long Term Four lane widening to be done.	15 Short Term Short term measures will be completed by 31.01.2018. Long Term Four lane widening in progress. Long term measures will be completed by 31.12.2018.	
44	Deoria	Deoria	Deoria	Deoria	2 Km	NH-58		Due to old / narrow	Yes	No	PWD	13	14 Short Term Safety measures like caution board and signages to be installed. Long Term Four lane widening to be done.	15 Short Term Short term measures will be completed by 31.01.2018. Long Term Four lane widening in progress. Long term measures will be completed by 31.12.2018.	
45	Deoria	Deoria	Deoria	Deoria	4 Km	NH-72		Due to old / narrow	Yes	No	PWD	13	14 Short Term Safety measures like caution boards and signages to be installed. Blinders and rumble strips also to be installed. Long Term Four lane widening to be done.	15 Short Term Blinders are installed. Rerouting work will be completed by 28.02.2018. Long Term Four lane widening in progress. Long term measures will be completed by 31.12.2018.	
46	Deoria	Deoria	Deoria	Deoria	5 Km	NH-72		Due to old / narrow	Yes	No	PWD	13	14 Short Term Safety measures like caution boards and signages to be installed. Blinders and rumble strips also to be installed. Long Term Vehicular Underpass to be constructed.	15 Short Term Blinders are installed. Rerouting work will be completed by 31.01.2018. Long Term Four lane widening in progress. Long term measures will be completed by 31.12.2018.	16 Due to old / narrow and 100 ft in R.
47	Deoria	Deoria	Deoria	Deoria	4 Km	NH-72		Due to old / narrow	Yes	No	PWD	13	14 Short Term Safety measures like caution board and signages to be installed. Long Term Four lane widening to be done.	15 Short Term Short term measures will be completed by 31.01.2018. Long Term Long term measures are completed.	

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Challenge		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
48	Deoria	Deoria (North)	Police station Deoria	Deoria	100 Km	NH-74	Under Road work	Accident caused by Police Department	Yes	No	PWD Transport Police	13	Short Term Safety measures like caution board and signages to be installed. Long term Four lane widening to be done.	Short Term Short term measures will be completed by 28.02.2018 Long term Long term measures will be completed by 31.12.2018	18
49	Deoria	Deoria (North)	Police station Deoria	Deoria	100 Km	NH-74	Under Road work	Accident caused by Police Department	Yes	No	PWD Transport Police	13	Short Term Safety measures like caution board and signages to be installed. Long term Four lane widening to be done.	Short Term Short term measures will be completed by 28.02.2018 Long term Long term measures will be completed by 31.12.2018	18
50	Deoria	Deoria (North)	Police station Deoria	Deoria	100 Km	NH-74	Under Road work	Accident caused by Police Department	Yes	No	PWD Transport Police	13	Short Term Safety measures like caution board and signages to be installed. Long term Four lane widening to be done.	Short Term Short term measures will be completed by 28.02.2018 Long term Long term measures will be completed by 31.12.2018	18
51	Deoria	Deoria (North)	Police station Deoria	Deoria	100 Km	NH-74	Under Road work	Accident caused by Police Department	Yes	No	PWD Transport Police	13	Short Term Safety measures like caution board and signages to be installed. Long term Four lane widening to be done.	Short Term Short term measures will be completed by 28.02.2018 Long term Long term measures will be completed by 31.12.2018	18
52	Deoria	Deoria (North)	Police station Deoria	Deoria	100 Km	NH-74	Under Road work	Accident caused by Police Department	Yes	No	PWD Transport Police	13	Short Term Safety measures like caution board and signages to be installed. Long term Four lane widening to be done.	Short Term Short term measures will be completed by 28.02.2018 Long term Long term measures will be completed by 31.12.2018	18
53	Deoria	Deoria (North)	Police station Deoria	Deoria	100 Km	NH-74	Under Road work	Accident caused by Police Department	Yes	No	PWD Transport Police	13	Short Term Safety measures like caution board and signages to be installed. Long term Four lane widening to be done.	Short Term Short term measures will be completed by 28.02.2018 Long term Long term measures will be completed by 31.12.2018	18

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016, 2015, 2016

Sl. No.	District Name	Division Name	Black Spots Location km wise	Police station	Road Distance from Police station	Name of Road & Challenge		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remarks
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
53	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	7	8	Dehra Dun is a stretch	Yes	No	PWD	13	14	15	are the signs and speed limit signs correct or not?
54	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	(NH-58)			Yes	No	PWD	13	Short Term Rumble Strips - fitting of speed cautionary sign boards and delineators.	Short Term Rumble Strips - fitting of speed cautionary sign boards and delineators.	are the signs and speed limit signs correct or not?
													Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	are the signs and speed limit signs correct or not?
55	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	(NH-58)			Yes	No	PWD	13	Short Term Rumble Strips - fitting of speed cautionary sign boards and delineators.	Short Term Rumble Strips - fitting of speed cautionary sign boards and delineators.	are the signs and speed limit signs correct or not?
													Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	are the signs and speed limit signs correct or not?
56	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	(NH-73)			Yes	No	PWD	13	Short Term Safety measures like caution board and signposts to be installed.	Short Term Safety measures like caution board and signposts to be installed.	are the signs and speed limit signs correct or not?
													Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	are the signs and speed limit signs correct or not?
57	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	(NH-73)			Yes	No	PWD	13	Short Term Safety measures like caution board and signposts to be installed.	Short Term Safety measures like caution board and signposts to be installed.	are the signs and speed limit signs correct or not?
													Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	are the signs and speed limit signs correct or not?
58	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	(NH-58)			Yes	No	PWD	13	Short Term Rumble Strips - fitting of speed cautionary sign boards and delineators.	Short Term Rumble Strips - fitting of speed cautionary sign boards and delineators.	are the signs and speed limit signs correct or not?
													Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	Long Term Four lane widening to be done with geometrics improvement & junction improvement is required.	are the signs and speed limit signs correct or not?

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	State of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient than Short/long term suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
72	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	100 Km	7	8	Due to a stretch	Yes	11	PWD Transport Police	13	14 Short Term Providing cautionary sign boards & number plate Long Term Four lane widening to be done	15 Short Term 1) Work of number plate carried out by Assigned contractor has completed completely. 2) Estimate for the work has been prepared. 3) Work will be completed by 31.01.2018. Long Term Four lane work is yet to be commenced and likely to be completed by 30.04.2020.	16
73	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	100 Km	14-14	-	Due to a stretch	Yes	-	PWD Transport Police	-	Short Term Providing cautionary sign boards & number plate Long Term Four lane widening to be done	Short Term 1) Estimate for the work has been prepared. 2) Work will be completed by 31.01.2018. Long Term Four lane work is yet to be commenced and likely to be completed by 30.04.2020.	and yet
74	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	100 Km	(NH-58)	-	Due to a stretch	Yes	-	PWD Transport Police	-	Short Term Rumble Strips, lining of speed cautionary sign boards and delineators. Long Term Four lane widening to be done	Short Term Not Applicable. Long Term Four lane work at this section is completed. Long term measures are complete.	and yet
75	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	100 Km	-	-	Due to a stretch	Yes	-	PWD Transport Police	-	Short Term Not Applicable. Long Term Four lane widening to be done	Short Term Not Applicable. Long Term Four lane work at this section is completed. Long term measures are complete.	and yet
76	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	100 Km	(NH-58)	-	Due to a stretch	Yes	-	PWD Transport Police	-	Short Term Rumble Strips, lining of speed cautionary sign boards and delineators. Long Term Four lane widening to be done	Short Term Not Applicable. Long Term Four lane work at this section is completed. Long term measures are complete.	and yet

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016, 2015, 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Channage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remarks
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
77	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	7	8	Dehra Dun	Yes	No	PWD	30.12.2016	Short Term Not Applicable Long Term Four lane widening to be done with geometric improvement & junction improvement is required.	18	18
78	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	-	Dehra Dun	Dehra Dun	Yes	No	PWD	30.12.2016	Short Term Not Required Long Term Not Required	Short Term Not Required Long Term Not Required	Long Term Not Required
79	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	MDR	MDR	Dehra Dun	Yes	No	PWD	30.12.2016	Short Term Completed Inspection done by (DRSC)	Short Term Not Required Long Term Not Required	Short Term Not Required Long Term Not Required
80	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	-	Dehra Dun	Dehra Dun	Yes	No	PWD	02.01.2017	Short Term 1. Speed breakers 2. Car eyes 3. Detention Long Term Widening of Existing road is Required	Short Term 1. Speed breakers 2. Car eyes 3. Detention Long Term Widening of Existing road is Required	Short Term Not Required Long Term Not Required
81	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-123 (Ch. 7.650)	-	Dehra Dun	Yes	No	PWD	30.12.2016	Short Term 1. Roundabout 2. Caution sign boards 3. white line 4. catways Long Term Not Required	Short Term Not Required Long Term Not Required	Short Term Not Required Long Term Not Required
82	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-124 (Ch. 156.350)	-	Dehra Dun	Yes	No	PWD	10.02.2017	Short Term 1. Roundabout 2. Caution sign boards 3. white line 4. catways 5. Traffic Light Long Term Not Required	Short Term Not Required Long Term Not Required	Short Term Not Required Long Term Not Required

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
1	2	3	4	5	6	7	8	9	10	11	PWD	13	14	15	16
01	Dehradun	Dehradun	Dehradun	Dehradun	40 Km	NH-74		No road related deficiency	Yes	No	PWD	13	Short term Completed	Four lane under process	By Two Under Process
02	Dehradun	Dehradun	Dehradun	Dehradun	4 Km	NH-74 (Ch 217.200)		No road related deficiency		No	PWD		Short term Sign boards & Rumble strip to be installed	Sign boards installed & Rumble strip constructed	and yet
03	Dehradun	Dehradun	Dehradun	Dehradun	10 Km	NH-74 (Ch 217.200)		No road related deficiency		No	PWD		Long term Four lane widening to be done	Four lane divided carriageway completed	
04	Dehradun	Dehradun	Dehradun	Dehradun	2 Km	NH-74 (Ch 47.000)		No road related deficiency		No	PWD		Short term Sign boards & Rumble strip to be installed	Sign boards installed & Rumble strip constructed	and yet
05	Dehradun	Dehradun	Dehradun	Dehradun	5 Km	NH-74 (Ch 221.600)		No road related deficiency		No	PWD		Long term Four lane widening to be done	Long term measures will be completed by 27.10.2019	and yet
06	Dehradun	Dehradun	Dehradun	Dehradun	5 Km	NH-74 (Ch 05.000)		No road related deficiency		No	PWD		Short term Sign boards & Rumble strip to be installed	Sign boards installed & Rumble strip constructed	
07	Dehradun	Dehradun	Dehradun	Dehradun	10 Km	NH-74 (Ch 05.000)		No road related deficiency	Yes	No	PWD		Long term Four lane widening to be done	Long term measures will be completed by 27.10.2019	Alternative Kathibor By pass Under progress

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016, 2015, 2016

Sl. No.	District Name	Division Name	Black Spots Location (km wise)	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Suggesting term Suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
111	Dehra Dun	Dehra Dun	Dehra Dun (km 100)	Dehra Dun	100	NH-58 (Km 323)	-	Deficient road surface	Yes	No	PWD Transport Police	30.12.2016	Short Term Crash Barrier, Caution Boards, Hazard marking Line to be completed	15	At the end of the accident investigation, the road was found to be deficient. The accident was caused by the deficient road surface. The accident was caused by the deficient road surface. The accident was caused by the deficient road surface.
112	Dehra Dun	Dehra Dun	Dehra Dun (km 100)	Dehra Dun	100	NH-58	-	Deficient road surface	Yes	No	PWD Transport Police	30.12.2016	Short Term Crash Barrier, Caution Boards, Hazard marking Line to be completed	15	At the end of the accident investigation, the road was found to be deficient. The accident was caused by the deficient road surface. The accident was caused by the deficient road surface. The accident was caused by the deficient road surface.
113	Dehra Dun	Dehra Dun	Dehra Dun (km 100)	Dehra Dun	100	NH-58	-	Deficient road surface	Yes	No	PWD Transport Police	30.12.2016	Short Term Crash Barrier, Caution Boards, Hazard marking Line to be completed	15	At the end of the accident investigation, the road was found to be deficient. The accident was caused by the deficient road surface. The accident was caused by the deficient road surface. The accident was caused by the deficient road surface.

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/Long term Suggested by District Road Safety Committee	Status of Work done	Remark
						N.J.L.	Other		Yes	No	Inspecting Department	Date of inspection			
114	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-309 B km 64 (H.M. 0-2)		Due to old road	No	No	PWD Road & Transport Police	30.12.2016	Short term 1. Delineator, 2. white line, 3. white line, 4. catenary, 5. Edge Line work completed. Long term 1. Sign board at km 64 (H.M. 0-2) after road work is done.	1.8	Short term measures will be completed by 27.10.2016. Long term measures will be completed by 27.10.2016.
115	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH - 121		Due to old road	Yes	No	PWD Transport				Short term measures will be completed by 27.10.2016.
116	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH - 121		Due to old road	Yes	No	PWD Transport				Short term measures will be completed by 27.10.2016.
117	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-309 B km 64 (H.M. 0-2)		Due to old road	Yes	No	PWD Transport Police		Short term Sign boards & rumble strip to be installed. Long term Four lane widening to be done.	Short term Short term measures will be completed by 25.12.2017. Long term Long term measures will be completed by 27.10.2016.	
118	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-309 B km 64 (H.M. 0-2)		Due to old road	Yes	No	PWD Transport Police		Short term Sign boards & rumble strip to be installed. Long term Four lane widening to be done.	Short term Short term measures will be completed by 25.12.2017. Long term Long term measures will be completed by 27.10.2016.	
119	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-309 B km 64 (H.M. 0-2)		Due to old road	No	No	PWD Transport Police		Short term Sign boards & rumble strip to be installed. Long term Four lane widening to be done.	Short term Short term measures will be completed by 25.12.2017. Long term Long term measures will be completed by 27.10.2016.	Due to constraint in land width in Dehra Dun, only short term remedial measures can be taken at this location.
120	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-309 B km 64 (H.M. 0-2)		Due to old road	No	No	PWD Transport Police		Short term Sign boards & rumble strip to be installed. Long term Four lane widening to be done.	Short term Short term measures will be completed by 25.12.2017. Long term Long term measures will be completed by 27.10.2016.	
121	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	Dehra Dun	NH-309 B km 64 (H.M. 0-2)		Due to old road	No	No	PWD Transport Police		Short term Sign boards & rumble strip to be installed. Long term Four lane widening to be done.	Short term Short term measures will be completed by 25.12.2017. Long term Long term measures will be completed by 27.10.2016.	

Identified Black Spots (PWD, Uttarakhand) on the basis of Road Accident Data 2013, 2014, 2015 & 2016

Sl. No.	District Name	Division Name	Black Spots Location Km wise	Police station	Road Distance from Police station	Name of Road & Chainage		Suggested Cause by Police Department	Are there any road related deficiency causing accident at black spot		Details of Inspection by District Road Safety Committee		If accident caused by road deficient then Short/long term suggested by District Road Safety Committee	Status of Work done	Remark
						N.H.	Other		Yes	No	Inspecting Department	Date of Inspection			
122	Rudhira	North zone, Rudhira, District	4	4	6	7	8	9	10	11	12	13	14	15	16
							SH-11	an old road		NO	PWD	13.04.2017	Short term	Short term	
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संलग्नक

डॉ. सीएस आर
CSIR-PAN नीलम (सीएसआर)
GSTIN : 07AAATC2716R1ZM
GSTIN : 58IN0010442
GSTIN : 30269867237
महोदय, नई दिल्ली - 110025, भारत
: केन्द्रीय सड़क अनुसंधान संस्थान, पी.ओ. सीएसआरआई
: सेंट्रल डिवीजन, सीएसआरआई

आपसे अनुरोध किया जाता है कि आप प्रस्ताव की विषय सहमति प्रदान करें एवं प्रशिक्षण कार्यक्रम के लिए उपयुक्त तिथियाँ बताएं ताकि कार्यक्रम के आयोजन के लिए आवश्यक व्यवस्था की अंतिम रूप दिया जा सके। कृपया खाली उद्देश्य के लिए अपने कॉलेज का GST नंबर भी दें। संस्थान की नीति के अनुसार ₹ 17,70,000/- का कुल पाठ्यक्रम शुल्क राउंड के माध्यम से अग्रिम भुगतान किया जाए। पाठ्यक्रम शुल्क के अंतरण के लिए बैंक विवरण निम्नलिखित है।

उपरोक्त द्वारा प्रदान किया जाए।
आवास और परिवहन और व्यावहारिक सत्र (Practical Session) के दौरान स्थानीय क्षेत्र दौरे की व्यवस्था, पोषिकाएं, टी-शर्ट एवं स्टीप-रूपादि के लिए शुल्क शामिल है। प्रशिक्षण शुल्क पर स्थानीय व्यवस्था, सीएसआरआई दिल्ली के में मानवसंसाधन शुल्क, स्थानांतरण शुल्क, पब्लिकरण सामग्री, पब्लिकरण फोटो, सीएसआरआई से 7-8 फीकटर्स के लिए पाठ्यक्रम शुल्क ₹. 15,00,000/- प्रति वृत्त + 18% GST अप्रति वृत्त राशि ₹. 17,70,000/- है। पाठ्यक्रम शुल्क जनवरी 2018 के अखिरी सप्ताह से आयोजित किया जा सकता है।

एक संस्थान, उपरोक्त विषय पर पाँच दिवसीय प्रशिक्षण कार्यक्रम दो महीने में एक बार, दूरस्थ और स्थानीय में आयोजन करने के लिए सहमत है। जिसमें एक वृत्त में प्रतिभागियों की संख्या 50-60 होगी। पहले प्रशिक्षण कार्यक्रम पर आपका पत्रांक : 651/76 भाग (क)-व/2017, दिनांक 19 सितंबर 2017 से संबंध में है, जिसमें सीएसआरआई नई दिल्ली से दूरस्थ और स्थानीय उपाखण्ड के अभियंताओं के लिए "Road Safety and Road Safety Audit" विषय पर प्रशिक्षण कार्यक्रम आयोजन करने हेतु कहा गया।

महोदय,
विषय: पोषिका उपाखण्ड के अभियंताओं के लिए "Road Safety and Road Safety Audit" विषय पर प्रशिक्षण कार्यक्रम आयोजन हेतु :-

उपाखण्ड
राज्य निर्माण विभाग, दूरस्थ
मुख्य अभियंता और निर्माण
श्री सुधांशु ठाकुर

सीएसआरआई/अनुसंधान/आर्किटेक्चर/01/17(वी)175
अक्टूबर 25, 2017

Dr. Neelam J Gupta
Principal Scientist
Head, Information, Library & Training Division
CSIR
पुस्तक, दूरस्थ, अखण्ड एवं दूरस्थ विभाग
श्री. सीएस आर विभाग



सीएसआरआई-केन्द्रीय सड़क अनुसंधान संस्थान
(भारत का राष्ट्रीय अनुसंधान संस्थान)
पी.ओ. सीएसआरआई, दिल्ली महानगर रोड, नई दिल्ली 110025 (भारत)
CSIR-Central Road Research Institute
(Council of Scientific & Industrial Research)
P.O.: CSIR, Doh-Madhyam Road, New Delhi-110025 (India)
Website: www.csrindia.gov.in

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प्राप्त 18/09/2017 श्री CRML, दोहा में गये हुए थे।

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$\ln P_{\text{total}} = -0.000074$ or $P_{\text{total}} \approx 0.999926$ or $P_{\text{total}} \approx 100\%$

[illegible]

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✓ 11/24/24

(1995) - 1995

1. What is the purpose of the study?

-6

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1989-1990 (continued)

3. Law Enforcement

S.No	Name of State	Removal of Hoardings and other			Pedestrian Path Encroachment			Counselling of violators (8)			Prosecution for imprisonment (9)			
		Identified Obstructions/	Number of Distractio	Target for removal in year 2017	Identified	Removed	Target for removal in year 2017	Challan	Participation	Challan	Participation	Challan	Prosecution	Dangerous Driving
	Uttarakhand													
1	N.H.	234	234	0			लोक निर्माण विभाग के अधीन फुटपाथों पर स्ट्रीट वेन्डर्स आदि द्वारा अतिक्रमण स्थापित किये जाते हैं, जिन्हें प्रशासन, पुलिस एवं इंजीनियरिंग विंग की संयुक्त टीम द्वारा समय-समय पर अभियान चलाकर हटा दिये जाते हैं।	NA	NA	NA	NA	NA	NA	NA
2	SH & MDR	25	25	0				NA	NA	NA	NA	NA	NA	NA
	Total	259	259	0	0	0	0							

