

Memorandum

MONSOON CALAMITY LOSSES

2014

Annexures



Submitted by
State Relief Commissioner
Department of Revenue and Disaster Management
Government of Kerala

16-10-2014

ANNEXURE 1a: Fatalities from 1st June to 15th September				
Sl No.	District	Name & Age	Address	Cause of Death
1	Trivandrum	Soman (Age 50)	Vada dakkethodiyil varkala, Varkala Taluk	Drowning
		Lalitha	Velamvilakam Veedu, Puthuval Puthen Veedu, Manjattumoodu, Kanjirampara, Peroorkada Village	
		Nishanth (Age 15)	TC 22/58 (2), Kuzhivila veedu, Therakam, Attukal, Manacaud Village	
		Prathapan (Age 38)	Annoor, Thirumala Village	
		Sudheer (Age 32)	Pulivilakathu puthen veedu, Vakkom Chirayinkeezhu Taluk	
		Aswin Ajay (Age 22)	Mannammoola Erumarath line Peroorkada	
		Chandran (Age 43)	Varuvila veedu, Panthakulam, Koduganoor, Vattiyookavu Village	Tree fall
		Thankappanachari (Age 69)	Poika vila Puthen veedu, Eravoor, Aryanadu P O	House Collapse
2	Kollam	John Henry (Age 52)	Henry Nivas, Maruthady, Kavanadu, Kollam	Drowning
		Anaswara (Age 3)	D/o.Anilkumar,ThoppilPadinjattathil, Thombunmugham, Mundrothuruthu Village, Kollam Taluk	
		Radhakrishnan	CharuvilaPuthenVeedu, Ayanikkodu, Venchembu, KaravalurVillge, Punalur Taluk	House Collapse
3	Pathanamthitta	Damodaran (Age 55)	Attuvasathi, Vadasserikkara	Drowning
		Rajamma (Age 58)	Kochupattangattu,Iraviperoor,Thiruvalla	
		Rajeev (Age 28)	Poykayil,Vallamkulam,Iraviperoor,Thiruvalla	
		Tinu Varghese (Age 31)	Vazhayilnikaripurathu,Arattupuzha,Kozhenchery	
		Akhil (Age 9)	Puthanpurayil,Cherukol,Ranni	
		Adharss (Age 14)	Karippottu,Marikkal,Anikkadu,Mallappilly	
		Prasanth (Age 23)	Irattaplavunilkkunnathil, Pramadam, Konni	

4	Alapuzha	Joseph Antony (Age 05)	Nedumparambil , Sreekandamangalam P.O, Thannermukkam North village	Drowning
		Rajeev (Age 43)	S/o Peethamparan, Puthenchirayil	
		Chacko (Age 58)	Nalipathianchil ,Kottabhagam, Pulincunnu	
		Vipin Narayanakurup (Age 26)	Aiswarya, Pongalady, Paranthal P.O, Panthalam	
		Nejimon (Age 26)	Kannolil Thekkethil, Kayamkulam	
		Manivarnan (Age 44)	Dharsanam , Mammoodu, Chandanathoppu, Kollam	
		Thankachan (Age 54)	Uthinchottil, Kuppuram P.O, Kainakary North	
		Ponnappan (Age 58)	Kayithara , Kainakary North	
		Aron (Age 1.5)	Karikkattuputhenveedu ,Padinjarevazhi, Thripperunthura	
		Panchami W/o Manoharan (Age 50)	Karanikarath house, Pamukkara , Chengannur	
		Jeevan (Age 11 month)	S/o Sajeev ,Maniyamkeril , Veeyapuram	
		Kunjumon (Age 58)	Anjanam House, Kattarakkathu colony, Vedaraplavu, Thamarakkulam	
5	Kottayam	Aji (Age 44)	Thampiran Koovelil Pallipurathuserry, Vaikom	Drowning
		Midhun (Age 16)	Cheeram Chira, Chethippuzha, Changanaserry	
		Kunju Mathai (Age 58)	Kaithakkattuparambil(H), Valliyadu, Aymanam	
6	Idukki	Smt. Geetha Prasad (Age 40)	Amalbhavan, Asanpady, Pampadumpara Village	Drowning
		Rahul (Age 26)	Nikarathil House, Vattiyar P.O, 12 Acre, Kallar Pallivassal Village	
7	Ernakulam	Shajahan (Age 42)	Tharakapeedikayil House, Kunnathery, Aluva West Village	House Collapse
		Saifunnisa (Age 38)		
		Saliha (Age 13)		
		Joseph (Age 67)	Kannen House, Puthumana, Majapra	Wind fall
		Satheeshan (Age 41)	Chillithara (H), Perumbadannakarayil, Ezhikara, Paravur	Drowning

		Sreejayan (Age 35)	Aanathuparambil(H), Kizhakumpuramkarayil, Chendhamangalam, Paravur	Drowning
		Asokan P.P (Age 51)	Ponnadiyil(H), Nadakavau P.O Udayamperoor, Kanayannur	
		Ramadhas (Age 41)	Pthukulangara colony, Nadakavu P.O Udayamperoor, Kanayannur	Drowning
		Immanuel Salvin (Age 1.5)	Immanuel Salvin, S/o Martin Arakkapadath, Kumbalanghy Village	Drowning
		Sainaba (Age 40)	Puthakkattu, Pymattom, Kuttamangalam, Kothamanagalam	Falling Tree
8	Trissur	Adarsh (Age 13)	S/o. Suresh kumar,Pookkad House, Kanimangalm Village, Thrissur Taluk	Drowning
		Johnson (Age 55)	Vadakkethala House, Kodakara Village, Chalakudy Taluk	
		Subrahmanyam (Age 66)	S/o. Sanakaran, Chirattapurakkal House, Kattur Village, Mukundapuram Taluk	
		Afsal (Age 18)	S/o. Abdul Kareem, Naranath house,Vadakkekkad, Chavakkad	
		Pavithran (Age 57)	Panapparambil House,Thottippal,Mukundapuram Taluk	
		Unnikrishnan (Age 48)	S/o. Vasu, Talappully House, Iringapram, Chavakkad	
		Om Prakash (Age 26)	S/o Raveendran, Om Nivas, Thiruvananthapuram	
		Sooryadath (Age 26)	S/o. Harikumar, Sreepadmanabham House, Vazhukkad Village, Edapazhanji, Thiruvananthapuram	
		Janaky (Age 70)	W/o. Gopal Sing, Naranath Veetil, Aloor, Chalakudy Taluk	House collapse
9	Palakkad	Amitha (Age 1.5)	D/o Biju ,Eravyilkadveedu, ezhakadu,mundur 2 village	Drowning

		Babu (Age 38)	S/o Rajan,Kovilpalayam,Ramasseryil,Elapully 2 village		
		Kannumani (Age 80)	W/o Kandu,Karuppankad,Elavampadam, Kizhakanjery-2 village,Alathur		
		Paru (Age90)	W/o Chellan,Manaparambu,Elavanjery village,Chittur Taluk		
		Tankavelan (Age 30)	Kunnukad,Vengannur,Alathur village		
		Ammu (Age 85)	W/o Narayanan, Vattolil (H),Vellizezhi village,Otapalam		
		Subramanian (Age 45)	Odanikad,Ayarkulam,Kotayi 1 village,Alathur Taluk		Wall collapse
		Premakumari (Age 56)	W/o Unnikrishnan (L),Vallil,karimba 2village,Kalladikode		Tree Fall
10	Malappuram	Abdul Gafoor (Age 35)	S/o Aboobacker, Madathil House, Velleri ,Eranad Taluk	Tree Fall	
		Shefeeque (Age 18)	S/o Ahammed,MadapalliThanduthiyilChirapalam, Puliyakodu, Kondotty Taluk	Drowning	
		Ajmal (Age 14)	S/o Jaleel, Nadakkavil House, Chembra,Tirur		
		MuhammedRahees (Age 14)	S/o Ismail,Nadakkavil House, Chembra, Tirur		
		Muhammed Ramees (Age 12)	S/o Ismail, Nadakkavil House, Chembra, Tirur		
		Kadungan (Age 55)	Valarikunnummal House, Irivetty, Kavanur		
		Shammad (Age 13)	S/o Asain,RECMalayamma, Kozhikode District		
		Kunnath Ayishbeevi (Age 49)	D/o Khadeeja,Puthanveetil, Thuthoor, Thrikandiyur		
		Mathiyzhakan (Age 54)	S/o Subramaniam, Nagapattanam, Vedaranyam,		

			Tamilnadu	
		Prakasan (Age 50)	Valiyakozhikattil House, Kalakatuchali, Kondotty Taluk	
		Anas (Age 21)	S/o Nasar, Parambattil, Naduvilangadi, Tirur	
		Afsal (Age 19)	S/o Hamsa, Pulikalakath House, Naduvilangadi, Tirur	
		Arun Thomas (Age 19)	S/o Tomy Thomas, Karikatuparambil House, Panthallur	
		Suresh (Age 28)	Maruthapalunda, Vazhikadavu, Nilambur	
		Murshad (Age 13)	Chirangal, Nilambur, Malappuram	
		Muhammed Jabir (Age 19)	S/o Bava, Pulprayakathu Veedu, Biyyam. P O	
11	Kozhikode	Kuttan Nair (Age 60)	Allakkal, Thiruvambady Village	Drowning
		Abhishek (Age 17)	Chalil Meethal, palayod	
		Jithesh (Age 30)	Meethale Chalil Meethal, Palayod	
		Janu (Age 55)	Kodakkamparamba, Kuttiady village	
		Shoukathali (Age 53)	Puthalathu, feroke Village	
		Sunil Kumar (Age 31)	Koyilparambath, Chelannur Village.	
		Jimshad (Age 17)	Edakkara, Mundacharalam, Malappuram Dt.	
		Anshid (Age 13)	Edakkara, Mundacharalam, Malappuram Dt.	
		Jibil (Age 26)	Thekkemambarambil, Koyilandy	
12	Wayanadu	Godson (Age 60)	Changanathikal House, Kodanchery.P O, Kozhikode	Drowning
		Suresh Babu (Age 32)	Attupurath House, Muppainad Village, Vythiri Taluk	
		Gopalan (Age 45)	Tholayil Paniya Colony, Nambiarkunnu.P.O, Noolpuzha Village, Sulthan Bathery Taluk.	

		Subhash (Age 23)	Nattipetta house, Pinangode.P.O, Padinjarathara Village, Vythiri Taluk	
		Noushad (Age 30)	Purayil House, Kakkavayal .P.O, Muttill South Village, Vythiri Taluk	
		Chandran (Age 60)	Madalpadi Colony, PalakkollyP.O, Pulpally Village, Sulthan Bathery Taluk	
13	Kannur	Najeera (Age 11)	D/o Abdul Majeed, Thundukunnummal House, Thayampoil, Mayyil Village, Taliparamba Taluk	Drowning
		Fathimath Sana (Age 9)	D/o Abdul Majeed, Thundukunnummal House, Thayampoil, Mayyil Village, Taliparamba Taluk	
		Rama (Age 38)	Chathiyadan House, Kolachikundu, Alappadamba Village, Taliparamba Taluk	
		Janaki(Age 62)	W/o Karunakaran, ParikkalVeedu, Pattannur Village, Thalassery Taluk	
		TreasaKuriakose(Age 3.5)	D/o Suresh, Marippurath House, Elampanampara, Kooveri Village, Taliparamba Taluk	
		RadhaPuthusseri(Age 42)	W/o Narayanan, Mavumthattu, Vellad Village, Taliparamba Taluk	
		Sachin Sudhakaran(Age 18)	S/o Sudhakaran, Paladmatathil, Karamel, Vellur Village, Taliparamba Taluk	
		HaridasanP.P(Age 53)	S/o Kelan, PuthiyaPurayil, Thalora, Kuttieri Village, Taliparamba Taluk	
		Narayanan Narakulangara(Age 57)	Narakulangara, Kunnaru, Onaparamba, Karanthadu, Ramanthali Village, Taliparamba Taluk	
		Balakrishnan.K(Age 53)	Kuruva House, Pala, Muzhakkunnu, Iritty Taluk	
		Mazzin, (Age 2.5)	S/o Haneefa, Cherattayadan House, Vallithode, Kiliyanthara P.O., Iritty Taluk	
		NirichanRajeevan	Nirichan House, Azhikkode North Village, Kannur Taluk	

		Janaki	Kunduvalappil House, Kadannappalli Village, Kannur Taluk	
		MuhammedVasim	IrumbantakathManha House, Madayi Village, Kannur Taluk	Electric Shock
		R.K. KumaranNambiar (Age 75)	S/o Kannan, Ramapurath, Kozhummal, Eramam North, Eramam Village, Taliparamba Taluk	Electric Shock
14	Kasargod	Vanilakshmi (Age 24)	D/o Damodharan Nair, Puthiyakanda, Adoor Village, Kasargod Taluk	Drowning
		Sharada (Age 55)	W/o KunhIRaman, Pandikandam, Kundamkuzhy, Bedadka Village Kasaragod Taluk	
		Karunan (Age 61)	S/o Koran, Arayi, Hosdurg Village and Taluk	
		Unnikrishnan (Age 26)	S/o Ganapathi, Kundenvayal, Ambalathara Village, Hosdurg Taluk	
		C.V.Rajan (Age 45)	S/o Appa, Chaliyan Valappu, Kottilangad	
		Yousaf (Age 28)	S/o Andunhi, Koodalmerkala, Kayyar Village, Manjeshwar Taluk	
		Ajith (Age 24)	S/o Yashoda, Veera Nagar, Bandiyod, Ichlangod Village, Manjeshwar Taluk	
		Abdul Latheef (Age 25)	S/o Moideenkunhi, Perward Fisheries Colony, Koipady Village, Manjeshwar Taluk	
		Devaki (Age 49)	W/o Sheena Moolya, Sajippa House, Chippar, Paivalike Group Village, Manjeshwar Taluk	
		Kunhikannan (Age 85)	S/o Choyi, Punkachal, Neetadukam Veedu, Maloth Village, Vellarikundu Taluk	
		Gopalakrishnan (Age 50)	S/o Velayudhan, Ulladikunnil House, Ayanoor, Chittarikkal Village, Vellarikundu Taluk	
		Joshy (Age 35)	S/o Alapatt Krishnankutty, West Eleri Village, Vellarikundu Taluk	
Sujatha (Age 38)	D/o Balakrishnan, Anepatti, Chamakuzhi,			

			Thayanur Village, Vellarikundu Taluk	
		Vellachi (Age 85)	W/o Beeran, Kodkkan House, Kooramkundu	
		Sheena Shetty (Age 79)	S/o Manjappa Shetty(L), Keri House, Badoor Village, Manjeshwar Taluk	Tree Fall

ANNEXURE 1a: Injuries from 1st June to 15th September				
SI No.	District	Name & Age	Address	% / Type of injury
1	Trivandrum	Surya (Age 8)	Puthvalavila veedu, Pattikkamila, Vakkom	-
2	Kollam	Nil	Nil	Nil
3	Pathanamthitta	Nil	Nil	Nil
4	Alappuzha	Nil	Nil	Nil
5	Kottayam	Nil	Nil	Nil
6	Idukki	Nil	Nil	Nil
7	Eranakulam	Roy George (Age 36)	Chammanikodath(H), Thevara, Kanayannur	-
8	Trissur	Asharaf (Age 30)	Paruppanakkal House, Chamakkala Desom, Chenthrappinni	Injury to Forehead & hands (50%)
		Jameela (Age 26)	Paruppanakkal House, Chamakkala Desom, Chenthrappinni	Injury to hands & legs (50%)
		Son of Asharaf & Jameela (Age 5)	Paruppanakkal House, Chamakkala Desom, Chenthrappinni	50%
		Nithin	S/o. Varghese, Perappadan House, Puthur Village, Thrissur	Head injury (50 %)

		Abdul Manaf (Age 45)	Velichathayil House, Orumanayur	60%
		Fathima (Age 10)	Velichathayil House, Orumanayur	50%
		Bindu (Age 38)	W/o. Babu, Moothedathupadi House, Mayannur Village	Less than 40%
9	Palakkad	Kashumani	W/o Velayudhan, Patta, Nochikode, Melorkode village, Alathurtaluk	
		Manikandan	S/O Velayudhan, Nochikad, Melorkode village, Alathur	Tree Fall (60%)
		Krishnaraj	S/o Manikandan, Patta, Nochikad ,Melorkode village, Alathur	Tree Fall (60%)
		Sunil (Age 18)	S/o Subramanian, Ayarkalam, Kotayi 1 village, Alathur	House Colapse (50%)
		Subash (Age16)	S/o Subramanian, Ayarkalam, Kotayi 1 village, Alathur	House collapse (50%)
		Janaki	W/o Narayanan, Kottadi veedu, Manjalur, Thenkurussi-2 village	House Colapse (50%)
		Selvi (Age 46)	W/o Baby Varghese, Palakayam village, Mannarkkad	-
10	Malappuram	Nil	Nil	Nil
11	Kozhikode	Nil	Nil	Nil
12	Wayanad	Nil	Nil	Nil
13	Kanur	Yesoda.C	Cherutta Veedu, Kuttieri	50%
		Unnikrishnan (Age 65)	Kulangarakkandy House, Kayani, Mattannur P.O.	Head (40%)
		Thankamani	Tharachundy House, Azhikkode	50%
		Ajinas	Vayalil House, Muzhappilangad	20%

14	Kasargod	Prasanna (Age 31)	Kudupulu(House), Aila, Uppala.	50%
		Asha (Age 30)	Kudupulu(House), Aila, Uppala.	50%
		Anasooya (Age 44)	Kudupulu(House), Aila, Uppala.	50%
		Athira (Age 4)	D/o Radhakrishnan, Puthiyakuttathil, Maloth	-

**ANNEXURE 2- ASSISTANCE TO FISHERMAN FOR REPAIR/REPLACEMENT OF BOATS, NETS - DEPT. OF FISHERIES,
GOVT OF KERALA**

District	Fully Damaged Boats	Cost	Partially Damaged Boats	Cost	Fully Damaged Nets	Cost	Partially Damaged Nets	Cost	Total Amount
Thiruvananthapuram	3	0.21							0.21
Kollam	3	0.21	1	0.03	-		1	0.015	0.255
Pathanamthitta	0	0	0	0	0	0	0	0	0
Alappuzha					1	0.1			0.1
Kottayam	-	-	-	-	-	-	-	-	0
Idukki	-	-	-	-	-	-	-	-	0
Ernakulam	-	-	-	-	-	-	-	-	0
Thrissur	1	0.07	4	0.12	1	0.0185	2	0.03	0.2385
Palakkad	-	-	-	-	-	-	-	-	0
Malappuram	3	7.9	-	0	-	0	-	0	7.9
Kozhikode	1	17	0		1	1.5			18.5
Wayanad	-	-	-	-	-	-	-	-	0
Kannur	1	0.07	0	0	1	0.0185	0	0	0.0885
Kasargode	0	0	1	0.2	2	0.21	0	0	0.41
Total	12	25.46	6	0.35	6	1.847	3	0.045	27.702

ANNEXURE 4- ANIMAL FATALITY AND LOSS TO CATTLE SHEDS- DEPT OF ANIMAL HUSBANDRY AND DAIRY DEVELOPMENT

District	Animal & Poultry Fatality	Totally Damaged Cattle Sheds	Provision for feed and concentrate	Additional costs of medicines	Damage to straw	Transportation of Fodder	Total
Thiruvananthapuram	2	2					0.353
Kollam	0	2	0	0	0	0	0.6
Pathanamthitta	2		0	0	0	0	0.764
Alappuzha	1765	34				6107	63.216
Kottayam	4	6				0	2.68
Idukki	0	1	0	0	0	0	0.5
Ernakulam	4103	2	0	0	0	0	3.45
Thrissur	1	0	0	0	0	0	0.1
Palakkad	2	0	0	0	0	0	0.528
Malappuram	1506	11	0	0	0	0	13.0545
Kozhikode	28	9				20 Ha fodder loss	14.1145
Wayanad	2	9	0	0	0	0	0.463
Kannur	2	0	0	0	0	0	0.328
Kasargode	16	0	0	0	0	0	4.958
Total	7433	76	0	0	0	6107	105.109

ANNEXURE 5- REPAIR OF DAMAGED IRRIGATION STRUCTURES AND DRINKING WATER SUPPLY SCHEMES- DEPT OF IRRIGATION AND KERALA WATER AUTHORITY

District Name	Nature of damage	Type of work (embankments, canals, irrigation structures etc) -	Approximate cost as per the schedule of rates of the district (in lakhs)	Approximate area affected (in ha) due to damage	Actual expenditure incurred	Committed expenditure as per the norms of NDRF within 30 days (in lakhs)	Total committed expenditure (in lakhs)	Total numbers of trips engaged	Cost Incurred (in lakhs)
Trivandrum	Flood damage work	Raising bunds, de weeding , desilting and construction of new drains	170.5	123 amd 2 houses	9.5	9.5	9.5	0	0
Kollam	Collapse, Failure, By Washing Off, Removal of blockage, Sluice shutter planks etc	Irrigation structures, Canals, side protection works etc (Minor Irrigation projects)	26	95	16	10	26	136	2.176
Pathanamthitta	0	0	0	0	0	0	0	0	0
Alappuzha	0	0	0	0	0	0	0	235	3.946

Kasargode	0	0	0	0	0	0	0	0	0
Total			3958.6	0	26.5	34.5	504.1	403	6.73

Annexure 6-Damages to power sector – KSEB

No	District Name	Nature of damage	Type of work (Loss of poles , wires, transformers etc) and their numbers	Approximate cost as per the schedule of rates of the district (in lakhs)	Total committed expenditure (in lakhs)	
1	Trivandrum		Poles (LT)	233	233	27.28
			Wire (km)	17.8	17.8	
			Transformer	5	5	
2	Kollam	Kollam Circle	LT Poles	49	0.9	3
			Wire (km)	100	13	16
			Transformer	12	0.4	1
		Kottarakkara Circle	Poles	LT-341 HT-55	24.0304	32.19222
			Wire (Km)	31.195	20.2965	31.22089
			Transformer	7	19.405	19.405
4	Alappuzha	Harippad circle	Poles (LT)	363	16.796	16.79601
			Poles (HT)	53	3.29077	3.29077
			Wire (km)	88.8	35.7855	35.78551
			Transformer	3	5.41338	5.41338

		Alappuzha circle	Poles (LT)	287	13.33	13.33
			Poles (HT)	62	4.186	4.186
			Wire (km)	50.5	23.23	23.23
			Transformer	8	11.2	11.2
5	Kottayam		HT Poles damaged	121	0.1	11.61
			LT Poles damaged	470	0.05	22.65
			HT Line broken (km)	12.77	0.63	8.05
			LT Line broken (km)	145.81	0.14	20.1
			Transformer failed	22	1.62	35.53
6	Idukki		HT Poles	22	0.5823	1.42575
			HT Line broken (km)	0.61	0.7813	0.85
			LT Poles	95	1.62906	6.36944

			LT Line broken (km)	38.525	6.62373	6.8
			Transformer	LT bush of 25 KVA Xer, 25x3, 1x100	2.61	2.8
7	Ernakulam	Perumbavoor Circle	LT Poles	362		62.68699
			HT Poles	76		
			HT Line broken (km)	3.77		
			LT Line broken (km)	28.783		
			Transformer (100KVA)	4		
			Others*			
		Ernakulam Circle	LT pole	333	49.5309	73.82126
			HT pole	81		
			HT line	0.5		
			LT line	12.85		

			Transformer	5		
			Others*			
8	Thrissur	Thrissur circle	HT post damages	55	143000	46.3765
			LT post damages	385	616000	
			HT line broken/ snapping	164	229600	
			LT line broken/ snapping	1680	1176000	
			HT stay broken	39	19500	
			LT stay broken	220	55000	
			Transformer failure	3	150000	
		Irinjalakuda circle	LT post damaged – 277Nos.	277		

HT Post damaged – 62 No.	62
A type Post damaged – 1 No.	1
11kVDP damaged – 2 No.	2
Transformer DP & Transofmrer - 1 No	1
HT stay damaged- 19no	19
LT stay damaged- 178no	178

1775788

29.838

			LT conductor snapping – 938 Locations	938		
			HT conductor snapping – 48 locations	48		
			LT slanted post – 180 Nos.	180		
			HT slanted post – 28 Nos.	28		
9	Palakkad	Palakkad Circle	HT Poles	3	5.04818	5.04818
			LT Poles damaged	47		

		Wire(Km)	425		
		Transformer	—		
	Chittur Circle	HT Poles	22	14.7552	14.75522
		LT Poles	115		
		Wire(km)	1.28		
		Transformer	2		
	Alathur Circle	HT Poles	9	11.47	11.47
		LT Poles	162		
		Wire(Km)	—		
		Transformer	—		
	Shoranur Circle	HT Poles	137	9.27	9.27
		LT Poles	966	43.74	43.74
		HT Line broken (km)	7.775	5.43	5.43
		LT Line broken (km)	97.907	45.65	45.65
		Transformer	3	9.33	9.33

10	Malappuram		Poles (LT)	1042	116.15	116.15
			Wire (km)	120.347	34.728	34.728
			Transformer	10	12.25	12.25
12	Wayanad	Kalpetta Circle	LT Poles	264	9.46266	9.46266
			HT Poles	41	2.381	2.381
			Wire (km)	11.29	4.8038	4.8038
			Transformer	1	1.6	1.6
13	Kannur		HT poles	147	3.216	9.387
			LT Poles	767	10.024	41.564
			HT line(km)	9.545	4.91	8.031
			LT line (km)	90.33	26.019	48.812
			Transformer	10	10	16.12
14	Kasargod		Poles (LT)	872		65.85406
			Poles (HT)	67		
			Wire (km)	51738		

	Transformer	4		
Total				1088.0746

Annexure 7- Repair of damaged roads - Department of Public Works

Sl. No	District Name	Road name	Length of damaged road	Location of road (Normal or Hills)	Approximate cost for repair as per the schedule of rates of the district (in lakhs) @ Normal and Urban areas: 15% of the total OR & PR; Hills: 20% of the total OR & PR
1	Trivandrum	Attingal- Kunnuvaram road	2.400	Normal	5.00
		Alamcode- Meerankadavu road	9.000	Normal	4.00
		Attingal- PTP road	4.300	Normal	5.00
		Chemmaruthumukku- Puthusserimukku road	6.600	Normal	5.00
		Ponganadu- Puthusserimukku road	5.400	Normal	4.00
		Policestation- Tholikuzhy road	5.200	Normal	4.00
		Porunthamon- Kallara road	7.000	Normal	4.00
		Edava- Ayiroor road	3.800	Normal	4.00
		Ayiroor- Hariharapuram road	5.500	Normal	4.00
		Panayara- Chavarcode road	2.900	Normal	4.00
		Perumathura Kottaram thuruthil	0.800	Normal	15.00
		Veli - Kadinamkulam 18/19	1.000	Normal	15.00
		Thiruvananthapuram - Neyyardam	12.000	Normal	10.00
		Muthiyavila - Ottasekharamangalam road.	2.000	Normal	15.00
	Slipped earth removal in Ponmudi road between km. 43/000 to 44/000.	1.000	Hill area	2.30	

	Slipped earth removal in Ponmudi road between km. 45/200 to 55/000.	10.000	Hill area	1.90
	Slipped earth removal in Ponmudi road between km. 55/200 to 60/000.	5.000	Hill area	1.80
	Rectification eroded shoulders and clearing of chocked up culvert and side drain between km. 43/000 to 49/000 of T.P. Road.	6.000	Hill area	5.00
	Rectification eroded shoulders and clearing of chocked up culvert and side drain between km. 49/000 to 55/000 of T.P. Road.	6.000	Hill area	5.00
	Rectification eroded shoulders and clearing of chocked up culvert and side drain between km. 55/000 to 61/000 of T.P. Road.	6.000	Hill area	5.00
	Slipped earth removal in Bonacaud road between km. 0/000 to 19/600.	3.000	Hill area	1.50
	Rectification of eroded shoulder and clearing chocked up culverts and side drain in Bonacaud road.	7.000	Hill area	5.00
	Repairs to the road and side drain at Malayadi, in Aryanad - Palode road.	1.000	Hill area	25.00
	Repairs to the Aryanad - Pezhummoodu road.	2.000	Normal	25.00
	Patch repairs to Nedumangad - Karipoor road.	3.000	Normal	8.00
	Patch repairs to Nedumangad - Aruvikkara road.	3.000	Normal	5.00
	Repairs to Vamanapuram - Kalamachal road.	3.000	Normal	15.00

	Patch repairs to Chayam - Peringamala road.	2.000	Hill area	5.00
	Construction of damaged retaining walls in Ponmudi road.	2.000	Hill area	155.00
	Reconstruction of retaining wall and road in Vithura - Bonacaud road.	2.000	Hill area	140.00
	Vattiyoorkavu - Vellaikadavu road.	3.200	Normal	15.00
	Vattiyoorkavu - Kulasekharam road.	3.000	Normal	10.00
	Kulasekharam - Vellaikadavu road.	4.500	Normal	10.00
	Pangode - Maruthankuzhy road.	1.280	Normal	6.00
	Road from YMR to Kuravankonam (Nagarukavu road)	0.660	Normal	4.00
	Plamoodu - Charachira - YMR road.	1.200	Normal	5.00
	Kodunganoor - Plavodu road.	4.000	Normal	5.00
	Krishna Nagar road.	2.210	Normal	5.00
	Road around M.G. College.	1.210	Normal	5.00
	Nettayam - Manayalam - Moonnamoodu (MLA road)	1.300	Normal	10.00
	Road from Nanthancode Jn. to South Approach road to Cliff House.	0.553	Normal	4.00
	Golf Link Road.	1.431	Normal	3.00
	Maruthankuzhy to Kachani	6.500	Normal	6.00
	Kochar road - Maruthankuzhy to Edapazhanji	1.200	Normal	6.00
	Ambalnagar road.	1.300	Normal	6.00
	Reconstruction of blocked corss curver	0.100	Normal	10.00

	and damaged side drain in Padmavilasam road.			
	Statue - Chirakulam - Uppidamoodu frm ch. 0/000 to 1/000.	1.000	Normal	3.00
	Pulimoodu - Uppidamoodu road from ch. 0/000 to 1/000 and Ayurveda College - Kunnumpuram road from ch. 0/000 to 0/500.	1.500	Normal	5.00
	West Fort - Kanjiravilakam road from ch. 0/000 to 1/850.	1.850	Normal	3.00
	Over bridge - Chettikulangara - Uppidamoodu from ch. 0/000 to 0/800.	0.800	Normal	3.00
	Passport Office - Irumpupalam - kavaradi road from ch. 0/000 to 3/500.	3.500	Normal	3.00
	Beemapally - Poonthura - Cheriyamuttom road from ch. 0/000 to 3/500.	3.500	Normal	5.00
	Poonthura St. Thomas Church - Thiruvallam road from ch. 0/000 to 1/300.	1.300	Normal	3.00
	Arayoor temple Road ch. 0/000 - 2/200	2.200	Normal	5.00
	Plamoottukada Poozhikunnu Road 0/000 - 2/621	2.621	Normal	8.00
	Poozhikunnu Mavilakadavu Road ch. 0/000 - 2/210	2.210	Normal	10.00
	Udiyankulangara Vlathankara Road ch. 0/000 - 3/670	3.670	Normal	8.00
	Udiyankulangara Dhanuvachapuram Road ch. 0/000 - 1/140	1.140	Normal	5.00
	Balaramapuram Kattakada Road ch. 0/000-2/200 & 5/600-10/600	4.200	Normal	7.00

		Vandannoor-Russulpuram Road ch. 0/000 - 7.200	1.800	Normal	5.00
		Pravachambalam Ooruttambalam Road ch. 0/000-3/200	2.400	Normal	8.00
		Vadakkekotta Road ch. 0/000-0/370	0.370	Normal	5.00
		Mudavoorpara Valiyarathala Road ch. 0/000-4/000	3.000	Normal	8.00
		Balaramapuram Poovar Road ch. 2/800-9/600	3.000	Normal	10.00
		Balaramapuram Vizhinjam Road ch. 0/000-8/400	3.300	Normal	5.00
		Thirupurathoor Pulluvila Road ch. 0/000-5/600	3.000	Normal	5.00
		Uchakada Karichalkayal Road ch. 0/000-4/840	3.000	Normal	8.00
		Kurisadi-Ambalathinmoola-Karimkulam Road ch. 0/000-6/000	2.000	Normal	5.00
		Arattukuzhi Amboori Neyyardam Road ch. 0/000-14/969	5.500	Normal	8.00
		Mandapathinkadavu Vazhichal Road ch. 0/000-4/340	0.850	Normal	5.00
		Pasuvannara Aruvikkara Road ch. 0/000-3/500	3.500	Normal	7.00
		Ottasekharamangalam Olattimoodu Valiyavazhi Road ch. 0/000-9/615	2.300	Normal	15.00
		Keezharoor Aruvikkara Road ch. 0/000-3/400	2.250	Normal	5.00
		Thiruvananthapuram - Ponmudi road 0/44 to 0/55	2.000	Hill area	150.00
		Vithura Bonacadu road 0/00 to 19/600	3.000	Hill area	210.00
2	Kollam	Road Sub Division: Karunagappaly			

Road section : Karunagappally			
Padanayarkulangara-Karoorkadavu Road	0.50km	Normal	1.20
2/6PS Road – AVHS Road	0.50km	Normal	1.25
Kuttippuram-Malumel Road	0.10km	Normal	0.20
Chittumoola-Malumel Road	0.10km	Normal	0.10
Padanayarkulangara-Sasthamkotta	0.25km	Normal	0.50
Karunagappally-Block Head Quarters Road	0.25km	Normal	0.50
Kunnel mukku- Puthensanketham Road	0.50km	Normal	1.00
Pulliman J.- Kottakuzhi mukku Road	0.250km	Normal	0.50
Alumkadavu- Padnabhanchetti Road	0.250km	Normal	0.50
Sannkaramangala,- Kovilthottam	0.100km	Normal	0.25
SV Market Road	0.750km	Normal	0.10
2/2 CP road to 1/8 KA Road	0.50km	Normal	1.00
2/2 CP Road to Kottkadu Jn	0.40km	Normal	1.00
139/9 GA Road to PandakasalaKadavu Road	0.40km	Normal	1.00
Kuttippuram –Mararithottam Road	0.50km	Normal	1.00
Vellanathuruth - Azheekkal road	2.00km		30.00
Nallezhuthumukku - Kottukadu - Meenampallykadavu	2.049km		30.00
Kunnelmukku -Puthensanketham	2.25km		25.00
Alumkadavu - Padmanabhanjetty road	1.5km		20.00
1/8 QA road to Pandakasala kadavu road	2.35km		20.00
Road Section Sasthamcotta			
Karalimukku - Valanjavarambu	1.00km	Normal	3.00
Kadapuzha- Valanjavarambu	3.00km	Normal	4.00
Karalimukku- Kadapuzha	3.00km	Normal	10.00

Karoorkadavu- Kochanjilimoodu	1.00km	Normal	3.50
Sasthamcotta Malumel	2.00km	Normal	7.00
Chakkuvally - Malumel	3.00km	Normal	10.00
7th Mile - Chekkalkadavu	2.00km	Normal	5.00
Chakkuvally - Sasthamnada	3.00km	Normal	10.00
Sooranadu -Thamarakulam	0.50km	Normal	10.00
Pazhakulam - Anayadi	0.00km	Normal	1.50
Mynagappally - Thevalakkara	0.50km	Normal	1.50
Nediyavila - Vembanattazhikathu	1.00km	Normal	4.00
Chakkuvally – Malanada-Kallukuzhi	2.50km	Normal	7.00
7th Mile - Palathinkadavu	0.50km	Normal	1.50
Poikayilmukku- Bharanikavu	2.00km	Normal	10.00
Njankadavu - Pakisthanmukku	0.00km		0.00
Road Section Oachira			
Vallikkavu-Alumkadavu road	600m	Normal	7 .00
Vavvakkavu-Thazhava road	300m	Normal	5.00
Panantemukku-Thodiyoor road	500m	Normal	7 .00
Oachira-Ayiramthengu road	500m	Normal	7.00
Ayiramthengu back water road	500m	Normal	7 .00
Edayanambalam-Thottathilmukku	500m	Normal	7 .00
Changankulangara-Vallikunnam road	300m	Normal	5.00
Manappally -Anayadi road	500m	Normal	7.00
Oachira-Thamarakulam	100m	Normal	2.00
Road Sub Division Kottarakkara			
Road Section Kottarakkara			
Nellikunnam - cheppara road	1.00km		2.00
Nellikunnam - cheppara road	1.3km		2.00
Vandipura - kampamkodu road	2.00km		2.00
Kunnikodu - kottavattam	2.00km		1.00
Vettikavala - chakkuvarikal road	1.8km		1.00

Kottapuram - pulippara alu road	3.5km		15.00
Vandipura - kampam kodu road	2.5km		1.50
Narikuzhi - Irukunnam road	4.88km		1.50
Neelaswaram - Ampalapuram road	1.00km		4.00
Thazhathukulakada road	1.00km		2.00
Kottarakara - Mannady road	2.00km		5.00
Govindamangalam - Kura road	2.00km		2.00
Kottarakara - Sasthamcotta road	1.33km		5.00
Odanavattam - Valakam road	3.4km		8.00
Inchakadu - Perumkulam road	1.65km		1.50
Inchakadu - perumkulam road	0.75	Normal	1.50
Inchakadu - perumkulam road		Normal	1.50
Chirattakonam- panaveli road		Normal	1.50
Nellikunnam, Cheppara road		Normal	1.25
Nellikunnam, Cheppara road		Normal	1.25
Thalachira Venchembu road		Normal	1.50
Kottarakara –sasthamcotta road		Normal	2.00
Road Section Chadayamangalam			
T S Road	6	Hilly	5.00
Ayoor-Ithikkara Road	3	Normal	2.00
Elamadu – Thevannur Road	5	Normal	3.00
Ayur _ Chunda	2	Normal	2.00
Chingeli – Chadayamangalam Road	3Km	Normal	3.00
Chingeli – Chadayamangalam Road	4Km		3.00
Chengamanadu – Kadakkal Road	2.26	Normal	3.00
Ayur – Chunda Road	2	Normal	2.00

Mullikkadu – Kollayil Road	4.2	Normal	3.00
Vayala – Manjappara Road	7.8	Normal	3.00
Ayirakkuzhy – Anchal Road	3.6	Normal	2.00
Ayirakkuzhy – Anchal Road		Normal	3.00
Chithara – Pangodu Road	5.65	Normal	3.00
Pangodu - Kizhakkumbhagom road	3.5	Normal	3.00
Road Section Ezhukone			
Moorthikavu manakarakavu road	5.2Km	Normal	50.00
Odanavattam- valakam road	2Km	Normal	25.00
Neduvathoor –puthur road	2Km	Normal	40.00
Odanavattam -valakam road	1.9km	Normal	7L
Ambalathumkala –Irumpanangadu road	1.2km	Normal	21
Mulayarachal-vattapara –kariganoor bridge road	2.65km	Normal	31
Kariganoor –attorkonam –pallikal kuzhakadavu road	2.70km	Normal	33
Ezhukone kallada road	2.3km	Normal	3.5
Cheerankavu –puthur road	3.00km	Normal	4
Road Sub Division Kollam			
Road Section Kollam			
Mulakkada Vadi	760 mtrs	Normal	25
Small bridge-Big bridge(side wall)	200mtrs	Normal	50
Road Section Chathannoor			
Kalluvathukkal - Chenkulam	5.89km	Normal	20.00
Karamcode - Uliyanad	0.60km	Normal	5.00
Meenadu - Kalluvathukkal	4.23km	Normal	10.00
KalluvathukkalVelamannoor	5.95km	Normal	7.00

Seemattimukku - Marakulam	4.6km	Normal	7.00
Pullikuzhithadam Road	3.81km	Normal	7.00
Parippally - Bhoothakulam	2.00km	Normal	7.00
0/400 Chathannoor - Kumallur to 0/500 Chathannoor - Chirakkara	1.00km	Normal	7.00
Chamavila - Kochalumoodu	1.8	Normal	7.00
Chathannoor - Kurungalvayal	0.69km	Normal	5.00
1/3 Kottiyam - Mayyanad -Mamoottil Landing	3.00km	Normal	5.00
Kottiyam - Mayyand	4.00km	Normal	7.00
Pallimukku - Eravipuram	1.11km	Normal	5.00
Adichanalloor - Kundumankulam	3.25km	Normal	10.00
mylapore -Thazhuthala	3.125km	Normal	5.00
Road Section Kundara			
Onambalam - Kumbala- karikuzhy - Kanakkanmukku road	2Km	Normal	20.00
PKP Kavala - Echadimukku road	2Km	Normal	20.00
Ediyakadavu - Edachal road	1Km	Normal	15.00
Canarabank - Karoothra kadavur road	2Km	Normal	20.00
Kundara - Chittumala road	0.50Km	Normal	7.00
Alumoodu - St. Jude road	0.95Km	Normal	15.00
Kallumthazham - Kureppally road	1Km	Normal	15.00
Marathandapuram - Ferry road	0.55	Normal	7.00
Karutharakadavu - Munroe Iland Railway station	1.00km	Normal	10.00
Cheriyakadavu -unroethuruth Railwaystation	2.00km	Normal	20.00

Road Sub Division Punalur			
Road Section Punalur			
Nellipally-Scaliakara Road b/w ch 0/000 to 8/000km	1.2km	Hills	8.00
T.S Road b/w ch 65/000 to 73/296km	4.0km	Hills	45.00
Punalur-Muvattupuzha Road ch 0/000 to 2//600km	1.5km	Hills	25.00
T.B Junction – Vattapeda Edamon Sathram Road km 0/000 to 8/000	4.0km	Hills	30.00
Kalthurthy-Coffee estate road km 0/000 to 8/000	5.2 km	Hills	42.00
Kokkad – Venchembe road km 0/000 to 3/000	1.2 km	Normal	12.00
Tholicode Maniyar Erichikkal Road	0.8 km	Hills	38
Road Section Pathanapuram			
Punalur Moovattupuzha road b/w ch 2/600 to 13/800km	4.2Km	Hills	34.00
32nd Mile KP road - Kamukumchery road b/w ch 0/000 to 4/570	3.2Km	Normal	25.00
Avaneeswaram Thalavoor road b/w ch 0/000 to 4/100km	1.1Km	Normal	8.00
Adoor - Pattazhi road(Ezhamkulam Pattazhy road) b/w ch 6/150 to 7/530	0.7Km	Normal	4.00
Enadi - Pattazhi road b/w ch 1/600 to 3/300	1.2Km	Normal	6.00
Kizhakketheruvu - Pathanapuram road b/w ch 0/00 to 12/414km	9.2Km	Normal	25.00
Kunnicode - Arattupuzha road b/w ch 0/000 to 12/470km	7.5Km	Hills	85.00
Pandithitta - Panampatta road b/w ch	5.2km	Hills	45.00

		0/000 to 7/050km			
		Nadukkunnu- Punalur road b/w ch 00 to 11/600	7.4km	Hills	32.00
		Pathanapuram - Enathu road via Kundman bridge b/w ch 0/000 to 11/000km	7.4km	Hills	62.00
		Pattazhi - Pidavoor - Tharyan Thoppu Road b/w ch 0/00 to 7/000	3.4km	Hills	22.00
		Road Section Anchal			
		Pulikodu - Thadikadu road	1.4Km	Normal	14.00
		Chengamanadu - Kadakkal road	4.00Km	Normal	43.00
		Kulathupuzha – SamNagar Road	1.5 km	Hills	16
		Yeroor-Edamon Road	4.0 km	Hills	28
		T.S Road	4.2 Km	Hills	33
3	Pathanamthitta	Vadasserikkara - Chittar road			4.00
		P.M. road	54/500-56/000		24.00
		Valiyakavu Reserve road	0/500-1/000		20.00
		Cherukolppuzha - Ranni road	4/500-4/800		20.00
		Kumbanadu-Cherukolppuzha road 7/600 to 7/860.	7/600-7/860		20.00
		Ranni-Vadasserikkara road	0/500-1/000		10.00
		P.M. road	23/456-36/000	Hills	10.00
		Kallely-Kokkathodu road	2/000-3/000	Hills	80.00
		Athumpukulam-Thannithodu road	0/850-8/500	Hills	10.00
		Anacharickal -Meenmuttickal road	0/000-3/000	Hills	5.00
		Moozhy-Karimanthodu road		Hills	4.00
		Kumbazha-Konni(via) Vettoor road		Hills	10.00
		Chandanappally-Konni road		Hills	10.00

Vennikulam ranni road km	0/00-9/00		20.00
Poovanakadavu- Cherukolpuzha road km	5/00-15/00		20.00
Valankara Ayroor road	0/00-4/00		8.00
SMV road km	3/00-4/00		3.00
Bastow II nd road km	0/00-9/680		15.00
Bastow II nd road km	2/500-5/280		3.00
Almavu Kurisukavala road Km	2/00-3/320		3.00
Mundumala- pattakkala road km	2/00-3/00		3.00
Kumbanadu- Kallooppara road km	0/00-4/680		8.00
Puramattom- Karutha vadasserikadavu road km	0/00-1/400		5.00
P M Road K M	40/00-41/00.		25.00
Pathanamthitta - Ayroor road	5/00 to 6/00		20.00
Kumbazha - Plaveli road	1/00 to 2/00.		15.00
Thumpamon-Pariyaram road	6/00to7/00.		20.00
Mylapra-Panchayathupady-Mekozhoor - Edakkara road	0/00 to 1/00.		15.00
Prakkanam - Elavumthitta road	1/00 to 2/00.		15.00
Pandalam -Omalloor road	7/00to8/00		15.00
Omalloor-Pariyaram road	5/500to7/800		22.00
Omalloor Thazhoorkadavu (via) Pannialy road	1/00 to 3/150		20.00
Kumbazha-Malayalappuzha road	2/000 to 3/800.		40.00
Vettippuram-Mylapra road	1/500 to 2/500		20.00
Kaipattoor Pathanamthitta road KM	3/00to 5/00		40.00
Kottayam - Kozhencherry road			40.00
Thiruvalla - Mallappally road			15.00

Changanacherry-Kaviyoor road			10.00
Thottabhogom-Mallappally road			10.00
Poovanakadavu - Chelakombu road			6.00
Austin road			5.00
Hospitalpady-Marickal - Kochuparambu road			8.00
Kannamplavu- Kulathoormoozhy road			8.00
Murani-Sasthamkoikal road			5.00
Chengaroorochira- Mukkoor Nedumangadapally			8.00
Kadamankulam - Chengaroor road			6.00
M.C. Road between Thiruvalla and Changanassery and Perumthuruthy and Edinjillam			50.00
Kavumbhagam-Edinjillam road at Ch: 3/000 to 3/200 (Azhiyidathuchira junction) Ch: 3/600 to 3/800 and 4/100 to 4/400 (Vengal)			40.00
Moovadathupady-Mepral road km 0/000 to 3/140			45.00
Krishnapadam Road km 0/000 to 2/200 and Niranam-Thottady km 0/000 to 1/740			20.00
Komenkerychira-Ambedkar Colony road km 0/000 to 1/500, Pannai-Theveri road between km 0/800 to 1/100, 2/000 to 5/000			40.00
Kochalumoodu –Pandalam road- at Kunnikuzhy Jn near Pandalam town			30.00
Pattanthara –Ottathekku Road-			40.00

		E.V road			30.00
		Parakkodu –Kodumon Road			20.00
		Keerukuzhy –Chandappally Road			30.00
4	Alappuzha	Old NH road between ch.387/193 to 391/840	2.5 km	Normal	10.00
		Cherthala Thaneermukkom road	3 Km	Normal	14.00
		Kurupankulangara Kanichukulangara road	1.50 km	Normal	7.00
		Thiruvizha -Puthanangadi road	4 km	Normal	13.00
		Alappuzha Madhura road	5 Km	Normal	20.00
		Cherthala Arthunkal road	1.25 Km	Normal	6.00
		Velarvattom Temple road	0.60 km	Normal	3.00
		Road from 0/500 ST road to Chenganda	1 Km	Normal	5.00
		Road from 12/8 AA road to Muttombazar	0.77 km	Normal	4.00
		3/1 SA road to Muttom Lake	1 Km	Normal	5.00
		AS Canal East bank road	0.81 Km	Normal	4.00
		Road from 12/7 AA road to 0/200SA road	1 Km	Normal	5.00
		Road from Eastern town road to join Kalikulam junction	1 Km	Normal	5.00
		Kanjikuzhi Muhamma road	2 km	Normal	10.00
		Thuravoor Kumbalangi road	4 Km	Normal	18.00
		Alappuzha Arthunkal Chellanam road(Thycal to Chellanam)	6 Km	Normal	21.00
		Chenganda Thrichattukulam road	2 Km	Normal	8.00
		Pattanakkad Vayalar landing road	1.50 Km	Normal	7.00
		Aroor Kumbalangi road	1.00 km	Normal	6.00

De linked portion of NH 47 from Km 363/400 to 366/700 Aroor	3.30 km	Normal	7.00
Cherthala Arookutty road	5 Km	Normal	17.00
Perumbalam - Kombanamuri road - Boat Jetty road	1.50 km	Normal	8.00
Chavadi chanda Pallithodu road	3 Km	Normal	14.00
Thuravoor Macay landing road	2 Km	Normal	12.00
Vaduthala Kudapuram road	2 km	Normal	12.00
19th mile AA road to Andhakaranazhy	1 km	Normal	5.00
Kuthiathodu Valamangalam road	2km	Normal	8.00
Kuthiathodu Parayakad road	1.5 km	Normal	7.00
Pattanakkad Moorthickal road	1 Km	Normal	10.00
Kunjithai Moorthickal Pattanakkad road	2 km	Normal	10.00
Andhakaranazhy Moorthickal road	1 Km	Normal	6.00
Pallikkootumma - Neelamperoor road	1.05 Km	Normal	18.00
AC road - Mancombu - Kavalam - Vikasmarg road AC road - Mancombu - Kavalam - Vikasmarg road	0.50 Km	Normal	6.00
Nedumudy - Karuvatta road	4.25 Km	Normal	5.00
Chathurthyakary - Vikasmarg road	2 km	Normal	12.00
Muttar - Central road	2.00 Km	Normal	5.00
Edathua - Puthukkary - Mampuzhakary road	1.20 Km	Normal	8.00
Kozhimukku Champakkulam road	1.50 Km	Normal	5.00
Ambalapuzha - Thiruvalla roadAmbalapuzha - Thiruvalla road	5.00 Km	Normal	4.00
Edathua - Veeyapuram road	0.75 Km	Normal	2.00
Perissery- Cheriyanad road	1.20 Km	Normal	5.00

Mannar - Veeyapuram road	1.00 Km	Normal	5.00
Perumpuzhakkadavu - Angadical south - via Central Hatchery	2.00 Km	Normal	5.00
Thiruvanvandoor - Eramallickara road	0.50 Km	Normal	4.00
Kollakadavu - Kulanada	3.00 Km	Normal	5.00
Kattoor - Kalavoor Road	1.50 Km	Normal	8.00
Pathirappally - Komalapuram Aspinwall road	2.00 Km	Normal	13.00
Mannanchery - Ponnadu road	1.50 Km	Normal	8.00
NH way-Karthikappally road	1.60 Km	Normal	10.00
Danappady-Narakathara Deviation road	0.50 Km	Normal	4.00
Prathimukham Jn-Nelpurakkadavu	0.23 Km	Normal	3.00
Kidangara - Kannady road	0.82 Km	Normal	6.00
Nedumudy Pancayath office road	0.40 Km	Normal	3.00
Pulimoottil bridge to Puthiyakavu - Pallickal road	1.00 Km	Normal	15.00
Karuvelil Kannattumoodi (Eravankara)	1.10 Km	Normal	12.00
Pallickal - Punnamoodu road	2.60 Km	Normal	17.00
Kollakadavu Ferry road	.900 Km	Normal	10.00
Mavelikkara - Kozhenchery road	5.50 Km	Normal	15.00
Haripad-Elanjimel road	3.00 Km	Normal	10.00
Thriperunthura-Kuttenperoor road	2.00 Km	Normal	10.00
Kayamkulam Railway station road	0.50 Km	Normal	5.00
Kareelakulangara Back water road	0.80Km	Normal	10.00
Keerikkad-Kanakakkunnu road	3.00 Km	Normal	9.00
Bhagavathipady-Kareelakkulangara road	0.557 Km	Normal	10.00
Govindamuttom-Alumpeedika road	1.00 Km	Normal	5.00

		krishnapuram-Choonad road	2.707Km	Normal	4.00
		Thayyel Perungala road	1.00 km	Normal	4.00
		Puthiyakavu-Pallickal road	0.850 Km	Normal	14.00
		Haripad-Town hall Jn.-Danapady aroad	0.525 Km	Normal	12.00
		Thrikkunnapuzha-Valiyazheekkal road	2.00 Km	Normal	20.00
		Cheppad-Choolatheryv road	0.30Km	Normal	5.00
		Kollakadavu Jn.Kollakadavu ferry	0.576 Km	Normal	5.00
		Alinchuvadu-thazhamvadukkal road	5.320 Km	Normal	10.00
		Nedumudy-Kuppappuram road	0.60 Km	Normal	12.00
		Ramankary-Koduppunna-Thayankary-Edathua road	1.00 Km	Normal	5.00
		Mulakkamthurthy-Narakarthara Krishnapuram road	0.500 Km	Normal	5.00
		Pallikkoottumma – Neelamperoor road from ch:7/000 to 9/000 and 12/5000 to 13/500(New damages)	3.00 Km	Normal	40.00
		Edathua- Puthukary-Manpuzhakary road from ch:3/000 to 4/800 (New damages)	1.80 Km	Normal	20.00
		Ramankary –Edathua-thayankary road from ch:0/00 to 1/550 (New damages)	1.55 km	Normal	18.00
6	Idukki	Muttom - Karimkunnam	2 Km.	Normal	40
		Kallarkutty – Vellathooval road	4 Km	Hills	80
		Anachal – 2 nd mile.	6Km.	Hills	120
		Kallarkutty – Panamkutty	5Km.	Hills	100
		Adimali – Chithirapuram road	8Km.	Hills	480
		Kallar - Mankulam road	5Km	Hills	175
		Kallarkutty – Panamkutty road	3Km.	Hills	90

	Kallarkutty – Mankadavu road	2Km.	Hills	20
	Iruttukanam –Anachal road	5Km.	Hills	200
	Thottappura – Ambazhal road	2 Km.	Hills	60
	Munnar – Lakshmi – Mankulam road	10 Km.	Hills	500
	Northern Outlet road(Munnar)	10 Km.	Hills	150
	Northern Outlet road(Marayoor)	20 Km.	Hills	600
	Peermade – Devikulam road	10 km	Hill	300
	Elappara – Wagamon road	6 km	Hill	150
	Kuvalettam – Parappu road	6 km	Hill	150
	Meenmutti – Kuvalettam road	4 km	Hill	120
	Cheruvallikulam – Kanayankavayal road	3 km	Hill	75
	1 st Mile Attappallam – Anavilasam road	4 km	Hill	100
	Vandiperiyar – Moozhiyar road	8 km	Hill	160
	Moolamattam - Kottamala road	4.7Km.	Plain	70.5
	Karikode-Velliyamattam road	5Km	Plain	125
	Thodupuzha-Ramamangalam road	7Km	Plain	175
	Puthupariyaram - Poothakavu road	3Km.	Plain	75
	Vellathooval – Ponmudy road	2.00 Km	Hills	50
	Puttady – Anakkara road	2.50 Km	Hills	75
	Rajakkadu – Ponmudy road(via Kulatharakkuzhy)	1.50 Km	Hills	30
	Idukki - Neriyanangalam road	4Km	Hills	80
	Chelachuvadu - Vannappauram road	1Km	Hills	10
	Chelachuvadu - Periyar	1Km	Hills	15
	Karimban - Murikkassery	2Km.	Hills	40
	Murikkassery - Periyar	4Km	Hills	88

		Murikkassery- Melechinnar	2Km.	Hills	40
		Muniyara - Illichity - Kuthngal	1km	Hills	15
		Chalicity - Vettikkamattom	2Km.	Hills	40
		Pathinaramkandom - Prakash	1Km	Hills	15
		Konnathady - Vellathooval road	4km	Hills	60
		Anchammile - Konnathady	1Km	Hills	20
		Murikkassery - Thekkinthandu - Pakuthipalam road	1Km	Hills	20
		Churali - Alpara Oomanchandy Colony road	2Km.	Hills	30
		Kathippara thadam - Edakkadu - Kochuchelachuvady road	2Km.	Hills	36
		Murikkassery - Policestationpady - Kuttivelipady road	1Km	Hills	15
7	Ernakulam	SH	37.70 Km.	Normal	245
		MDR	356.20 Km.	Normal	1295
8	Thrissur	Indiragandhi road	retaining wall collapsed at ch 0/700	Normal	7
		Kakkathuruthy- Mathilakam Road.	Large Number of Pot holes.	Normal	15
		Chalakydy - Karoor road	retaining wall collapsed at ch 1/300	Normal	10
		Vellangallur- Mathilakam Road.	Large Number of Pot holes.	Normal	5
		Chalakydy - Mala road	2.8km	Normal	25
		Konthukunnu- Poovathumkadavu Road.	Large Number of Pot holes.	Normal	5
		Kodungallur-ShornurRoad.	6	Normal	2
		Ambazhakkad - Kottavathil - vadama-Kottamuri road	4.5km	Normal	10

		Mathilakam -Koolimuttom Road.	Large Number of Pot holes.	Normal	10
		Ashtamichira - Annamanada road	1km	Normal	8
		Chanthappura new toll booth	Large Number of Pot holes.	Normal	8
		Kombodinjamakkal road	1.5km	Normal	5
		Ezhunnallathupatha road	1.8km	Normal	5
		Kuzhur - Kundur road	1km	Normal	7
		Mala - Elanthikkara road	1km	Normal	6
		Kombathukadvu road	1.6km	Normal	6
		Tripayar - Kajany- Chavakkad Side Protction Work Damage	1km	Normal	15
		west -tippu Sultan Road Road Damage	3km	Normal	100
		Kaippamangalam- Pulichodu side protection work collapsed	collapsed at ch 2/000	Normal	15
		East tippu sultan Road side protection work collapsed	collapsed at ch 18/000	Normal	20
9	Palakkad	Vandithavalam-Vilayodi -Chittur Road	500 m	Normal	800000/-
		Pattikulam-Vilayodi Road	1000 m	Normal	1600000/-
		Pokkunni Koshavankode Road	1 km	Normal	1300000
		Pillapully Road	1 km	Normal	1300000
		Parassery Road	400 m	Normal	550000
		Mala Vattathani Road	300 Meter	Kakkattiri Masjid	500000/-
		Karimba Pannithadam Road	1KM	Pannithadam	800000/-
		Vettakoru Makan Anavazhi Road	150 meter	Normal	5,00,000/-
		Vanur Ambalaparambu Road	200 meter	Normal	2,50,000/-

Pandarakadu Crescent Hospital Road	150 meter	Normal	6,00,000/-
Swamidurai Dam Road	250 meter	Normal	5,00,000/-
Kuruvatta Kori Road	150 meter	Normal	5,00,000/-
Manniyamkode Canal Bund Road	250 meter	Normal	5,00,000/-
Sawab Nagar 2nd Street Road	100 meter	Normal	3,00,000/-
Arangattuparambu Road	400 meter	Normal	5,00,000/-
Kallamkundu Road	200 meter	Normal	4,00,000/-
Kunnakad Road	600 meter	Normal	5,00,000/-
Thandaload - Thalapotta Road	1 Km	Normal	13,00,000 (Thirteen Lakhs)
Olimkadavu - Kadappara Road	0.28 Km	Normal	3,00,000 (Three Lakhs)
Chembode Road	1 Km	Normal	13,00,000 (Thirteen Lakhs)
Kunnathgate - Ottupaara	0.50 Km	Normal	6,00,000 (Six Lakhs)
Thachampara Kunnathukavu Road	700 M	Normal	10 Lakhs
Kappakundu Achilatti road	700 M	Normal	10 Lakhs
Kottathamala Road	500M	Normal	10 Lakhs
Chandanamkundu Road	500M	Normal	8 Lakhs
Surya Nagar Road	475 mtr	Surya Nagar	600000
Prathibha Nagar Canal Bund Road	800 mtr	Prathibha Nagar	1000000
Ayodhya Nagar Road	475 mtr	Pirivusala	600000
Arumughan Gardens Colony Road	400 mtr	Chandranagar	500000
Hillview Colony Road	400 mtr	Chandranagar	500000
Chemmandad School Road	400 mtr	Chemmandad	500000
Vadakke Kalmandapam Road	475 mtr	Kalmandapam	600000
Kizhakkethara Road	440 mtr	Kottekkad	550000
Asarithara Road	440 mtr	Kallepully	550000
Kuzhiyakkad Road	475 mtr	Kallepully	600000

Mythri Nagar Ind line Road	400 mtr	Kallepully	500000
Pathamkulam Pavukkonam Road	3 KM	Hills	40 Lakhs
Ashtathumana Colony - Anthurparambu - Kottakkulam Road	2 .5 KM	Normal	30 Lakhs
Mundanattukara Padiyathu Road	1 KM	Normal	10 Lakhs
Anthurparambu - Kanjiram Colony Road	1 KM	Normal	10 Lakhs
Nellipadi VK Padi Road	1 KM	Normal	10 Lakhs
Moovankara Road	1 KM	Normal	10 Lakhs
Korachankunnu Kadakkavu Manjaladi Colony Road	.5 Km	Normal	5 Lakhs
Palakkode Ambalamkunnu Road	2 Km	Normal	20 Lakhs
Punathikundu Road	3 KM	Normal	30 Lakhs
Tharuvakkonam mariyal Road	3 KM	Normal	30 Lakhs
Kalluvettukuzhi Vellarampara Road	.6 KM	Normal	6 Lakhs
Koomullinkkad Colony Road	1 KM	Normal	5 Lakhs
Vattaparambu 4 th Mile Road	1.5 KM	Normal	8 Lakhs
Padinjarepalli Moorippara Road	2 KM	Normal	10 Lakhs
Chemmanamkode Karuvathumpara Road	1 KM	Normal	5 Lakhs
Kalamani - Veppilassery Road	1.20 Km	Normal	5 Lakhs
Cheriyavallikkad Road	0.60 Km	Normal	5 Lakhs
Sastha Nagar Road	0.40 Km	Normal	4.2 Lakhs
Kallepully - Thekkumannu Road	0.80 Km	Normal	5 Lakhs
Santhi Nagar Road	0.20 Km	Normal	4 Lakhs
Poolakkalkadu - Kolimbilpadam Road	0.80 Km	Normal	5 Lakhs
Mulladikkadu Road	600 Meter	Normal	5 Lakhs
Koundamkalam Road	800 Meter	Normal	8 Lakhs

Moongilmada Njanjamthavalam road	3Km	Normal	15 Lakhs
Vannamda Kumaranoor Road	1.5km	Normal	7 Lakhs
Chinnamoolathara Malayandi koundanoor road	1 Km	Normal	8 Lakhs
KarumandaKoundanoor Vannamada road	2km	Normal	1 Lakhs
Gopalapuram Karumanda Koundanoor road	3Km	Normal	5 Lakhs
ATHANI - THACHIRAMKUNNU ROAD	1 KM	NORMAL	8,00,000
THOTTAPPAYA AMBALAM ROAD	1 KM	NORMAL	8,00,000
CHENATTUKULAM ROAD	750 M	NORMAL	7,50,000
MUDAVANNOORPADI ROAD	500 M	NORMAL	5,00,000
ERATTINGAL ROAD	1 KM	NORMAL	8,00,000
ASUPATHRI MELBHAGAM ROAD (HOSPITAL ROAD)	1 KM	NORMAL	12,00,000
MUDAVANNOOR - KIZHAKKE KODANADU ROAD	1 KM	NORMAL	8,00,000
Erimayur - chullimada road	2.5 KM	Normal	
Erimayur - koottala Road	3 KM	Normal	
Pullode-kottampotta Road	1 KM	Normal	
Kunissery-madampara Road	1 kKM	Normal	
Panayampara - Koottala Road	2 Km	Normal	
Thekkethara - Kuttipully Road	.500 Km	Normal	
Kanhiram-Poonchola	Side Wall 50m	Hill	900000L
Chettanpadi Mundakunnu	600m	Normal	1000000L
Pallippadi-Mundakunnu	350m	Normal	800000L
Palampatta-Nariyamkode Road	800m	Normal	1200000L

Kanhiram-Poonchola Canal Road	2Km	Normal	2400000L
Kanhiram-Kallamkulam	1.5KM	Normal	1800000L
Kanhiram-Kallamala	800M	Normal	1500000L
Kanhiram-Ambamkunnu	1.5KM	Normal	1500000L
Kottiyode-Nariyamkode	1.5KM	Normal	1200000L
Earth dam - kavalupara Road	4 KM	Odamthode	40 Lakhs
Pandamkode - Kurukkantharissu Road	2 KM	Pandamkode	10 Lakhs
P.C.A Mannurava Road	2 KM	PCA Palakkuzhy	10 Lakhs
Pandamkode - Valkulambu Malayora Highway	5 KM	Panamkutty	60 Lakhs
-	N/A	N/A	N/A
Velanthavalam - Kuppandakoundanoor Raod	4 Kms	Normal	Rs.30,00,000/-
Nil	Nil	Nil	Nil
Iñn!ð t]mfnsSIv\njv tdmUv	3 Km	Normal	44,40,000
Iñws]mä Imð _iv tdmUv	950 M	Normal	18,00,000
Icn,men Imð _iv tdmUv	500 M	Normal	9,45,000
Nnd,mSw tdmUv	800 M	Normal	11,85,000
IWjphf,v a¼pdw tdmUv	350 M	Normal	5,00,000
Mangalam Govindapuram Road	2.00km	Normal	30,00,000/-
Nemmara Olipara Road	2.20 km	Normal	30,00,000/-
KULUKKAPARA JRY ROAD	1 KM	NORMAL	25 LAKHS
Kallingalpadam Kunnumpuram Road	1 km	Normal	1550000
Kallingalpadam Panthalampadam Road	1.30 km	Normal	2150000
Vadakkumury Kongalam Road	330 m	Normal	650000
Kottekkad Anjumury Road	1 km	Normal	1550000

10	Malappuram	Variation of SH road under Manjeri Division	83.690 Km	Normal	397.50
		Various MDR Road Under Manjeri Division	643.394 Km	Normal	5147.00
		Adakkund road			
		T road	15 m		35,000
		Manjanadi-Ovupalam			450000
11	Kozhikode	Malapuram-Thalayad road bet K.M.4/200 to 9/990	5.790	Normal	11.52
		Engapuzha-Omassery road bet K.M.1/200 to 9/500	8.300	Normal	9.21
		Thiruvambady-Thabalamanna-Kodenchery-Puduppady road bet K.M.3/800 to 6/800 and 14/500 to 17/500	8.000	Normal	6.88
		Engapuzha-Kakkavayal-Kannapankundu-West Kaithapoyil road bet K.M.0/000 to 6/000	6.000	Normal	3.45
		Thamarassery-Old Manassery(Koodathai kadave) road bet K.M.0/000 to 0/650	0.650	Normal	3.45
		Malapuram-Theyyappara-Kodenchery-Nellipoyil-Pulloorampara road bet K.M.12/000 to 13/100 and 14/100 to 15/500.	2.500	Normal	3.45
		Kaithapoyil-Valliyad-Manalvayal road bet K.M.0/000 to 3/200	3.200	Normal	5.76
		Thachampoyil-Earpona-Parappanpoyil road bet K.M.0/000 to 3/250	3.250	Normal	3.45

	Thazhe Parappanpoyil-Andona-Vezhipur road bet K.M.0/000 to 3/250	3.250	Normal	3.45
	KTMAE road Km 29/125 to 37/545	8.420	Normal	41.51
	KTA road between Km 28/500 to 31/900,32/200 to 38/500 and 46/250 to 51/000	14.450	Normal	14.59
	Kakkur Narikkuni road between Km 0/000 to 4/510	4.510	Normal	5.73
	Kummangottuthazham Pandaraparamba road Km 0/000 to 4/850	4.850	Normal	5.77
	Perumpoyil Kandothupara road bet Km 0/000 to 4/100	4.100	Normal	3.44
	Muttanchery Mukkadangadu road bet Km 0/000 to 1/350	1.350	Normal	2.30
	Pannur Narikkuni Nellerithazham Kottayottuthazham Punnassery road bet Km 0/000 to 4/800	4.800	Normal	4.61
	Kumaraswami Raja Narikkuni road bet Km 0/000 to 7/00 and 8/100 to 8/670	7.570	Normal	13.25
	Nellankandy Elettil Vattoli road bet Km 0/000 to 3/600	3.600	Normal	3.46
	Parappanpoyil Punnassery road bet Km 4/000 to 8/600	4.600	Normal	2.30
	Nalupurakkal Chembakunnu Nettodithazham Thachurthazham road bet Km 0/000 to 4/000	4.000	Normal	2.30
	Arambram Puttumannilthazham road bet Km 0/000 to 7/000	7.000	Normal	5.74
	Arambram Kanhiramukku road bet	7.500	Normal	3.45

Km 0/000 to 7/500			
Erkarool Kakkur Narikkuni road bet Km 4/400 to 7/580	3.180	Normal	2.29
Pullallur Paimbalussery road bet Km 0/000 to 4/065	4.065	Normal	3.46
Eyyad Elettil Vattolil Valliyothu road bet Km 0/000 to 10/00	10.000	Normal	5.75
Cheekkakunnu Koottakkil Elettil Vattoli Valliyothu road bet Km 0/000 to 5/00	5.000	Normal	2.88
Karamoola jn -Thekkumkuty-Maranchatty 1/500 to 2/300 and patch repairs from 2/200 to 7/500	6.100	Normal	16.04
Pullorampara-Punnakkal - Koodaranhi road between 1/500 to 2/500	1.000	Normal	13.80
Thiruvampady-Koodaranhi-Koompara -Thottumukkam 0/0 to 19/600	19.600	Normal	13.72
Koompara -Kakkadampoyil road 0/00 to 5/000 and 7/000 to 8/600	6.600	Normal	11.48
Thiruvampady-Thondimmal agutiamuzhy 0/00 to 4/400	4.400	Normal	6.78
Thiruvampady-Thambalamanna-kodenchery -Puhppady 2/00 to 3/800	1.800	Normal	4.61
Thiruvampady-Punnakkal-Olikkal-Anakkallumpara Poovanthde 0/00 to 4/920	4.920	Normal	8.07
Thiruvampady-Pulloorampara - Edathara 1/250 to 13/600	12.380	Normal	6.93
Mukkam --Kumaranallur Koodaranhi 0/0 to 6/000	6.000	Normal	9.18

	Thazhe Koodaranhi Kolothkadavu Theykkumkutty (4km)	4.000	Normal	5.76
	Fathima estate Thottumukkom road 0/00to 7/700(except1200m)	6.500	Normal	6.89
	Pulloorampara punnakkal koodaranhi road bet 7/100to 7/900	0.800	Normal	11.50
	Koodathai - Kodecheri road between Km 0/000 to 2/000	2.000	Normal	5.76
	Puthoor - Velimanna road between Km 0/000 to 4/100	4.100	Normal	5.00
	Maikkavu - Shanthinagar road between Km 0/000 to 1/700	1.700	Normal	5.75
	Karuvampoyil Alumthara road between Km 0/000 to 3/000	3.000	Normal	3.45
	Koduvally HS - Azad road between Km 0/000 to 3/000	3.000	Normal	3.45
	Parappan Poyil - Punnassery road between Km 0/000 to 4/000	4.000	Normal	4.60
	Nagalikkavu Nadammelpoyil road between Km 0/000 to 2/000	2.000	Normal	2.30
	Koduvally - REC road between Km 0/000 to 1/960 and 4/950 to 5/800	2.810	Normal	6.88
	Kalaranthiri - Nellamkandi road between Km 0/000 to 1/900	1.900	Normal	3.46
	Thamarassery - Varattiakkal road between Km 0/000 to 5/900 and 10/500 to 14/675	10.075	Normal	13.80
	Nellamkandi - Avilora- Katharammael - Choyimadom - Anappara - Padathumkuzhi - Poonoor road between Km 0/000 to 3/000	3.0000	Normal	4.59

	Naduvsnur-Arikkulam-Iringath road	250 M	Normal	3
	Kollam-Nelliadi-Meppayyur road	250 M	Normal	3
	Kollam-Nelliadi-Meppayyur road	270 M	Normal	7
	Payyoli-Permbra-road	100 M	Normal	2
	Payyoli-Permbra-road	100 M	Normal	2
	SH.38 Puthiyangadi-Ullyeri-Kuttiadi- Chovva Bypass road	100 M	Normal	3.5
	SH.38 Puthiyangadi-Ullyeri-Kuttiadi- Chovva Bypass road	100 M	Normal	4
	Thekkedathu kadavu-Nirathu kadavu road	80 M	Normal	2.5
	Thekkedathu kadavu-Nirathu kadavu road	70 M	Normal	2
	Perambra-Thannikkandy-Chakkittapara road	100 M	Normal	2.5
	Perambra-Thannikkandy-Chakkittapara road	50 M	Normal	1.5
	Chakkittapara- Narinada-Koorachundu road.	150 M	Normal	3
	Chakkittapara- Narinada-Koorachundu road.	200 M	Normal	2
	Chakkittapara- Narinada-Koorachundu road.	250 M	Normal	2
	Kavil-Theekkuni-Kuttiadi road	7.00KM	Normal	50
	Muttungal-Pakramthalam road	5.00KM	..do..	25
	Vatakara-Villiappally-Chelakkad road	4.00KM	..do..	4
	Vatakara-Thiruvallur-Perambra road	3.200KM	..do..	5
	Thiruvallur-Ayancheri road	3.00KM	..do..	4
	Villiappally-Edachery-Iringannore road	5.00KM	..do..	5

Orkkatteri-Kunhippally-Monthalkadavu road	3.00KM	..do..	6
Ontham Sand Bank road	2.00KM	..do..	4
Chorode-Vykkilassery-Orkkatteri-Thuruthimukku road	7.00KM	..do..	8
Vellikulangara-Onchiyam-Kannookkara-Madakkara road	3.00KM	..do..	4
Kuttoth-Attakkundukadavu road	5.00KM	..do..	10
Chundayil-Puthiyangadi road	3.00KM	..do..	4
Villiappally-Chemmarathur road	3.00KM	..do..	8
Villiappally-Ayancheri road	5.00KM	..do..	11
Ayancheri-Kampanipeedika Kadameri-Thanneerpanthal road	3.00KM	..do..	6
`S` Mukku Valliad-Kottappally-Thiruvallur road	3.00KM	..do..	4
Sivashekethram -Vatakara-Mahi canal road	2.00 KM	..do..	5
Bank Road Kurunthodi road	2.00KM	..do..	2
Kulangarath-Aroor-Guligapuzha road	2.500 Km	Normal	3
Perode- Parakkadavu - Chettakandy road	3.000 Km	Normal	5
Kakkattil - Kaiveli road	2.000 Km	Normal	5
Kulangarath - Narippatta - Nambyathankundu - Valook - Vilangad road	2.000 Km	Normal & Hills	4
Mokeri - Kayakodi - Paloli - Thottipalam road	2.500 Km	Normal	5.5
Muravacherimukku -Thaleekkara road	4.000 Km	Normal	8
Kuttiadipalli -Urath road	1.000 Km	Normal	3.5
Olippil -Avadimukku road	2.000 Km	Normal	4

		Avadimukku - Mudavantheri road	3.000 Km	Normal	6
12	Wayanad	Mananthavady - Vimalanagar - Kulathada - Valad H.S - Peria	8.00 km	Hills	15.00
		Thavinjal Valad Kunhome Kunkichira road	3 Km	Hills	8.00
		Kattichirakkal Link road	0.500 Km	Hills	10.00
		Tholakkara-Valad HS	0.800 Km	Hills	10.00
		Mananthavady-Kaithakkal (At Ch: 4/700 & 5/700)		Hills	30.00
		Begur-Thirunelly (At Ch: 6/800)		Hills	50.00
		Vaduvanchal- Kolagapara	2.4 Km	Hill	25.00
		Sulthan Bathery- Cherambady	0.8 Km	Hill	10.00
		Ambalavayal- Chulliyode	3 Km	Hill	38.00
		Meenangadi- Kumbleri- Ambalavayal	1.7 Km	Hill	24.00
		Irulam-Moonanakuzhi-Meenagadi	1.4 Km	Hill	18.00
		Pazhoor - Cheeral-Nambiarkunnu	0.95 Km	Hill	12.00
		Narikundu-Thommatuchal	2.5 Km	Hill	32.00
		Irrutarrakolly-Karingalode-Puttad- Meppadi	3.4 Km	Hill	36.00
		Madakara-Thazhathoor-Cheeral- Nambiarkunnu	1.5 Km	Hill	15.00
		Edakkal-Ambukuthi	2.8 Km	Hill	25.00
		Kalpetta -Meppadi	2 Km	Hill	10.00
		Kaniyambetta-Meenangadi	4.00 km	Hill	20.00
		PWD Rest house road	0.400 Km	Hill	5.00
		Koodothumal-Cheekalloor-Nadavayal- Veliyambam	1 Km	Hill	1.00
		Kalpetta -Varambetta	3 Km	Hill	5.50

		Kalpetta -Mananthavady	5 Km	Hill	10.00
		Kaniyambetta-Varadoor	0.500 Km	Hill	0.25
		Muttill-Vivekananda Hospital-Edappetty	1 Km	Hill	5.00
		Pinangode-Kambalakkad	7 Km	Hill	5.00
		Calicut-Vythiri-Gudalloor (SH 29)	10 Km	Hill	15.00
		Meppadi-Chooralmala	1 Km	Hill	2.00
		Muttill-Meppadi	8 Km	Hill	10.00
		Vengapally-Anoth-Pozhuthana	2.40 Km	Hill	10.00
		Vythiri-Tharuvana	0.400 Km	Hill	0.50
		Thomattuchal-Karingalode-Puttad	3.60 Km	Hill	5.00
		Mananthavady-Pakramthalam	8 Km	Hill	15.00
		Chennalodu-Oottupara	2.00 km	Hill	5.00
		Puthuseerykadavu-Bankkunnu	1.50 Km	Hill	15.00
		Chennalodu-Mundakutty-Cheriamkolly	3.00 km	Hill	2.00
		Kavumandam-Madakunnu-Bankkunnu	7.00 km	Hill	10.00
		Venniyodu-Mechana-Arambettakunnu-Padinjarathara	2.00 km	Hill	1.00
		Beenachi-Panamaram road	1 Km	Hills	17.00
		Malavayal-Ambukuthy road	1.5 Km	Hills	25.00
		Kattayad-Pazhupathur road	2 Km	Hills	26.00
13	Kannur	Vallithode Moonamkutty Kiliyanthara (Via) Charal Pullumparathattu road KM 1/300	Road berm slipped into river due to heavy flood	Hill	25
		Vellur Padiyottuchal Pulingome road	8	3.50 KM Normal, 4.50 Km. Hills	20.00 Lakhs
		Cheruthayam Kuttoor Peringome road	5	Hill	12.00 Lakh
		Arangome Rayrome Therthalli road	7	Hill	10.00 Lakh

Therthally Manjakka road	0.1	Hill (Side drain)	3.00 Lakh
Ammanappara Pacheni Thiruvattoor Therandy road	4.5	Hill (Side protection)	5.00 Lakh
Irikkur Thermala Kanhileri Kaniyarvayal road	4.5	Hill	40.00 Lakh
Irikkur Blathur road	2.5	Hill	50 Lakh
Chelerimukku Kolacherimukku road	0/000 to 4/000 at selected stretches around 1.20 Km damaged	Normal	25 Lakh
Kolachery Chekkikkulam raod	0/000 to 4/000 at selected stretches around 0.80 Km damaged		30 Lakh
Chola Pattannur road	0.50 Km		10 Lakh
FD 2014-15 – Pappinissery R.S – Kolathuvayal Paliyathvalappu-Cherupanthottam-Vellikkeel road	0/000 to 0/720	Nromal	30 Lakh
Koottupuzha-Peratta road Km. 0/000 to 0/200	200 mtr. Road side breached	Hill	20 Lakh
Iritty-Nedumpoyil road Km.3/100	50 mtr. Road side breached	Normal	10 Lakh
Kadirur-Nadapuram road Km. 2/300 to 2/700	400 mtr. Carriageway damaged due to heavy flood	Normal	40 Lakh
Pookome-Madapeedika road Km. 5/000 to 5/675	675 mtr. Sides of road breached	Normal	20 Lakh
Kannavam-Kannancode road Km. 4/000 to 4/500	500 mtr. Carriageway sunked due to heavy flood	Normal	20 Lakh
Kannavam-Kannancode road Km. 5/000	750 mtr. Side	Normal	20 Lakh

		to 5/750	protection wall breached at		
		Panoor-Kadavathur road Km 2/200 to 2/700	500 mtr. Carriageway sunked due to heavy flood	Normal	20 Lakh
		Panoor-Kadavathur road Km 0/800 to 1/300	500 mtr. Carriageway sunked due to heavy flood	Normal	20 Lakh
		Mahe-Byepas road Km. 3/300 to 3/400	100 mtr. Road sunked	Normal	25 Lakh
		Parapram-Olayambalam-6 th mile road in between Km. 6/650 to 4/200	200 mtr. Road sunken at several portion	Normal	15 lakh
		SH-36-Taliparamba-Iritty road	3.000	Km 25/000 to 28/000-3KM Hilly area	5.00 Lakh
		Alapadamba-Perul-Mathamangalam road KM8/000 to 8/500	0.500		5.00 Lakh
14	Kasargod	Hosdurg - Panathur Road km 43/000 to 44/375	1.175	Hill	5.00
		Bandadukka-Veetiyadi-Chamandikkunnu- Balanthodu road km 3/500 to 5/500	2.000		20.00
		Pothamkandam-Anapettipoyil-Padiotuchal road km 1/500 to 2/000	0.500		6.00
		Bandadukka-Veetiyadi-Chamandikkunnu-Balanthodu road km 5/500 to 7/000	1.500		20.00
		Bandadukka-Veetiyadi-Chamandikkunnu-Balanthodu road km 7/000 to 9/200	2.200		15.00
		Odayanchal- Cherupuzha road Km.19/500 to 22/000	2.500		13.00

Kalladka -Cherkala road km 23/227 to 25/300	2.073		10.00
Kalladka -Chrekala road km 25/550 to 27/800	2.250		15.00
Kayyur-Chembranganam-Palakkunnu road km 5/000 to 6/500	1.500		5.00
Hosdurg-Nileshwar-Madikai road km 9/000 to 11/000	2.000		5.00
Nileshwar-Edathodu road km 1/700 to 2/350	0.650		8.00
Odayanchal- Cherupuzha road Km.17/700 to 18/000	0.300		15.00
Kalladka-Cherkala road km 28/100 to 29/500	1.400		6.00
Pothamkandam- Athutty -Manalam - Kooliyadu -Pettikundu road km 4/800 to 6/000	1.250		1.20
Kalladka-Cherkala road km 30/600 to 32/700	2.100		10.00
Cheemeni-Kunnumkai road km 0/000 to 1/300	1.300		4.00
Perumbalakkadavu-Nayanmarmoola-Erappakatta road km 6/500 to 7/920	1.420		20.00
Beemanady-Mukkada road Km.4/000 to 7/500	3.500		4.00
Deli-Paravanadukkam-Chemmanadu ferry road between km 3/000 to 3/200	0.200		25.00
Odayanchal - Cherupuzha road Km.0/000 to 1/500	1.500		4.00
Deli-Paravanadukkam-Chemmanadu ferry road between km 3/200 to 3/500	0.300		25.00

Odayanchal - Cherupuzha road Km.1/500 to 3/000	1.500		4.00
Cheemeni-Kunnumkai Road Km 1/600 To 3/800	2.200		5.00
Kalladka -Cherkala road km 33/200 and 35/700	2.500		10.00
Cheemeni-Kunnumkai Road Km 4/200 To 6/000	1.800		5.00
Kalladka -Cherkala road km 36/800 and 38/000	1.200		5.00
Bengalam-Thekkan Bengalam-Block Office Road Km 0/000 To 1/000	1.000		4.00
Kalladka -Cherkala road between km 38/000 and 40/000 on	2.000		8.00
Periya - Odayanchal road km 9/800 and 10/000	1.200		20.00
Dharmathadka-Kaniyala-Bellur - Beripadavu road km 1/700 (right side)	1.700		25.00
Hosdrug - Pananthur road Km.19/000 to 20/500	1.500		5.00
Hosdrug - Pananthur road Km.20/500 to 22/000	1.500		5.00
Beemanady-Mukkada road Km.1/000 to 4/000	3.000		3.00
Dharmathadka - Challangayam road km from 1/040 to 1/640	0.600		3.00
Bengalam-Thekkan Bengalam-Block Office Road Km 1/500 To 2/500	1.000		5.00
Cheemeni-Chanadukkam-Kakkadavu Road Km 3/000 To 3/500	0.500		5.00
Kalladka-Cherkala road km 40/750 to 43/000	2.250		10.00

Cheemeni - Palavayal - Odakolly road Km.16/000 to 18/000	2.000		5.00
Kalladka -Cherkala road km 43/200 and 44/900	1.700		10.00
Hosdurg - Pananthur Km.22/000 to 24/000	2.000		5.00
Kalladka -Cherkala road km 45/200 and 46/900	1.700		8.00
Hosdurg - Pananthur Km.24/000 to 26/000	2.000		5.00
Bandadukka-Manadukka-Kolichal road km 8/500 to 9/200	0.700		15.00
Chervathur-Cheemeni-Thaliyammada Road Km 5/000 To 8/600	3.600		6.00
Chandera-Trikaripur-Olavara Road Km 9/600 To 11/700	2.100		5.00
Pannikunnu-Shiribagilu road km 0/000 to 1/500	1.500		14.00
Kalladka -Cherkala road km 47/300 and 48/800	1.500		8.00
Chullikkara - Kuttikole road Km.6/000 to 7/500	1.500		5.00
Kalladka -Cherkala road km 49/100 and 50/500	1.400		6.00
Odayanchal - Cherupuzha road Km.29/500 to 31/000	1.500		5.00
Kalladka -Cherkala road km 51/000 and 52/194	1.194		5.00
Odayanchal - Cherupuzha road Km.31/000 to 32/000	1.000		4.00
Nileshwar-Edathodu road km 8/500 to 9/00	0.540		4.00

Kayyur-Chembrankanam-Palakkunnu Road Km 10/600 To 10/800	0.200		5.00
Pallathur - Adoor road km 0/000 and 4/300	4.300		15.00
Adoor - Pandy road km 0/000 and 5/750	5.750		20.00
Hosdurg - Pananthur Km.32/000 to 36/000	4.000		3.00
mulleria - Nattakal - Arlapadhavu r road km 0/000 and 2/000	2.000		8.00
Badiadka -Yethadka -Soolapadhavu road km 0/000 and 5/000	5.000		12.00
Cheemeni - Palavayal - Odakolly road Km.27/000 to 30/000	3.000		8.00
Podipallam- Bolinja Nattakal - road km 0/000 and 8/000	8.000		18.00
Chembail -Pottipallam- Nellikatta road km 0/000 to 4/000 & 6/000 to 8/000	6.000		10.00
Mavvar -Mukkur -Bolinja road km 0/000 and 4/000	4.000		6.00
Chittarikkal - Vallikkadavu road Km.5/500 to 7/830	2.330		5.00
Nalka-Berimoola-Bakilapadavu road km 0/000 and 2/300	2.300		20.00
Cheemeni - Palavayal - Odakolly road Km.26/000 to 29/000	3.000		4.00
Nekrampara-Arladka -Pundoor-Narampady - Yethadka Road km 0/000 to 11/800	11.800		15.00
Beemanady - Mukkada road Km.1/000 to 4/000	3.000		5.00

	Pallathadka-Yethadka -Beejathkatta-Advala -Golikatta-Nattakal Road km 0/000 to7/200	7.200		10.00
	Perla-Soorambail Road km 0/000 to5/000	5.000		10.00
	Perla-Yethadka Road km 0/000 to2/000	2.000		5.00
	Churipallam -Mavinakatta road km 1/600 to3/800	2.200		25.00
	Pothamkandam-Anappetipoyil-Padiochuchal Road Km 2/150 To 2/500	0.350		5.00
	Perla-Soorambail Road km 5/000 to5/800	0.300		15.00
	Cheemeni-Kunnumkai Road Km 0/800 To 1/400	4.400		10.00
	Perla-Kattukuke Road km 0/000 to 4/400	4.400		10.00
	Adyanadukka-Bakilapadavu-Piligudde Road km 0/000 to1/400	1.400		5.00
	Odayanchal-Cherupuzha road km 3/000 to 4/000	1.000		4.00
	Mundyathadukka-Mugu-Puthige Road km 0/000 to 4/000	4.000		4.00
	Chullikkara Kuttikole road km 7/500 to 9/000	1.500		5.00
	Adkasthala - Ody Road km 2/000 and 6/000	4.000		8.00
	Odayanchal-Cherupuzha road km 4/000 to 6/500	1.500		5.00
	Ukkinadka -Yelkana - Pallam road km 0/000 and 6/200	6.200		6.00

	Chulikkara Kuttikole road km 5/000 to 6/000	1.000		4.00
	Varakkad Elerithattu Paramba road km 5/000 to 7/000	2.000		5.00
	Varakkad Elerithattu Paramba road km 7/000 to 9/000	2.000		5.00
	Chandera - Trikarupur- Olavara Road Between Km 0/000 to 1/200	1.200		6.00

Annexure 8- Damaged bridges - Department of Public Works, Govt. of Kerala

Sl. No.	District Name	Number of bridges	Location of bridge (Normal or Hills)	Approximate cost for repair as per the schedule of rates of the district (in lakhs) @ Normal and Urban areas: 15% of the total OR & PR; Hills: 20% of the total OR & PR
1.	Trivandrum	1	Chittar Bridge near Kallar (hiil)	40.00
2	Kollam	1	Normal- Sathymangalam Bridge (Mullikadu - Kollayi road ch. 3/200)	80.00
		1	Culvert at ch.. 21/100 in Mekkara - Anchancoil road	14.00
		1	Choranadu culvert in agasthikodu komalam vadamon Eram road	3
		1	Ezhamkulam culvert in anchal kulathupuzha road	3
		1	Pidavoor Bridge in Avaneeswaram -	5.00

			Pathanapuram road	
		1	Arattupuzha bridge in Kunnikodu - Arattupuzha road (Hill)	3.00
		1	Kamukincherry bridge in Chittasserry - Kamukincherry road. (Normal)	3.00
		1	Kduvathodu bridge in Ezhamkulam - Pattazhy road (Normal)	5.00
		1	Kulathupuzha - Sastha temple bridge at ch. 61/400 of TS road. (Normal).	15.00
		1	Vatamon Bridge in Ayoor - Anchal road. (Normal)	15.00
3	Pathanamthitta	Nil	Nil	Nil
4	Alappuzha	1	Kumbalamchira cartable bridge in Mancombu-Kavalam	3

			Vikas Marg road (Normal)	
5	Kottayam			
6	Idukki	1	Ponmudy hanging bridge (Hills)	4.00 Lakhs
		1	(Erattayar bridge) Hills	25.00 Lakhs
		1	Thottappura- Ambazhachal (Hills)	15 Lakhs
		1	Iruttukanam – Anachal (Hills)	25 Lakhs
		1	Kallar – Mankulam (Hills)	15 Lakhs
		1	Kallar – Mankulam(Hills)	5 Lakhs
7	Ernakulam	Nil	Nil	Nil
8	Thrissur	1	Kottappady- Anjoor Road Culvert damage(Normal)	20
9	Palakkad	1	Culvert at km 7/200 of Melamuri-Pudur- Kottayi road	5

			(Normal)	
		1	Re-construction of culvert and drainage at km 1/500 of Kundukad - Chittadi road (Normal)	10
		1	Reconstruciton of damaged culverts Kothakurssi Cherumpattakkavu Chalavara road (Normal)	15
		1	Urgent rectification of damaged culvert and drain in various raches Anakkara Kumaranellur road (Normal)	15
		1	RP to Construction of culvert and drainage in Vallappuzha -	10

	Mulayankavu road (Normal)	
1	Widening the culverts (20 Nos) Ottapalam Cherpulasery road (Normal)	25
1	Reconstruciton of damaged culverts ottapalam Cheprulasseyr road (Normal)	25
1	Reconstruciton of damaged culverts at km 2/400 ottapalam Cheprulasseyr road (Normal)	25
1	Reconstrufciton of damaged culvert and drain Palathara Kodumunda road	15

			(Normal)	
		1	Urgent rectificaion of damaged culvert and drain Perumbilavu Nilambur road (Normal)	15
10	Malappuram	1	Thuthanthandu	
11	Kozhikode	1	Kalleri Bridge on Vatakara- Villiappally- Chelakkad road	20
		1	Chaniyam Kadavu Bridge on Vatakara- Thiruvallur-Perambra road.	10
12	Wayanad	1	Hill	2.5
13	Kannur			
14	Kasargod	Nil	Nil	Nil