

Appendix – 1.1

Year-wise break up of outstanding Inspection Reports (IRs) as on 30 June 2017

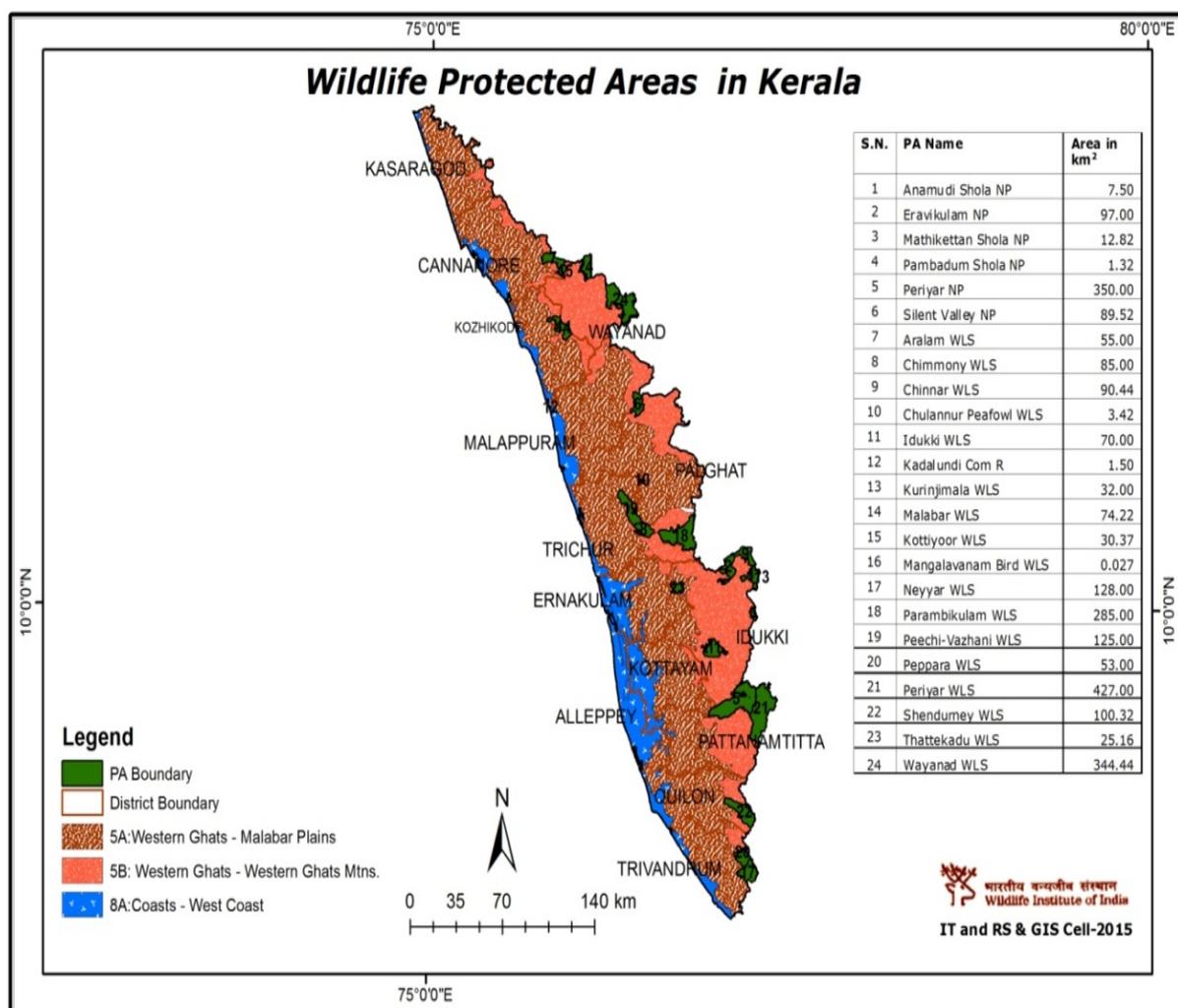
(Reference: Paragraph 1.7.1 - Page: 7)

Year	Up to 2013-14	2014-15	2015-16	2016-17	2017-18 (Upto 30 June 2017)	Total
PUBLIC WORKS DEPARTMENT (ROADS AND BRIDGES)						
Number of IRs	57	20	10	17	3	107
Number of paragraphs	302	175	120	139	37	773
Number of IRs for which initial reply has not been received (number of paragraphs)	NIL	NIL	NIL	13 (109)	NIL	13(109)
IRRIGATION DEPARTMENT						
Number of IRs	45	31	23	NIL	NIL	99
Number of paragraphs	123	106	99	NIL	NIL	328
Number of IRs for which initial reply has not been received (number of paragraphs)	NIL	1(2)	4(21)	NIL	NIL	5(23)
AGRICULTURE AND FARMERS' WELFARE DEPARTMENT						
Number of IRs	14	87	60	NIL	NIL	161
Number of paragraphs	28	202	150	NIL	NIL	380
Number of IRs for which initial reply has not been received (number of paragraphs)	1(5)	7(43)	15(58)	NIL	NIL	23(106)
FORESTS AND WILDLIFE DEPARTMENT						
Number of IRs	37	46	25	19	2	129
Number of paragraphs	88	208	97	158	12	563
Number of IRs for which initial reply has not been received (number of paragraphs)	3(14)	5(20)	10(41)	14(115)	NIL	32(190)

Appendix – 2.1

Map of wildlife protected areas in Kerala

(Reference: Paragraph 2.1-Page: 9)



Source: Website of Wildlife Institute of India

Appendix – 2.3

Details of wildlife offences registered at the Divisions

(Reference: Paragraph 2.6.2.3 - Page: 18)

Name of Division	No. of Cases registered	No. of Cases disposed			Pending at Court	Pending at Division	Percentage of pendency at the Division to cases registered
		Convicted	Acquitted	Dropped/ Compounded			
Ranni	61	0	3	14	42	2	3.30
Periyar East	31	0	0	13	14	4	13
Vazhachal	59	2	4	10	31	12	20
Kothamangalam	59	1	4	4	28	22	37
Malayattoor	Data not furnished						
Munnar	160	1	10	9	59	81	51
WLW Idukki	70	1	4	52	12	1	0.10
WLW Wayanad	180	14	46	39	40	41	23
Silent Valley National Park	10	1	0	3	4	2	20
Total	630	20	71	144	230	165	26

Source: Compiled from the information furnished by the Divisions

Appendix – 2.4**Non-compliance to working/management plan prescriptions****(Reference: Paragraph 2.6.2.11 - Page: 27)**

Sl No.	Division	Weeds present	Prescription suggested as per respective Plan	Observations
1	Ranni	Lantana, Eupatorium and Mikania	Uprooting and removal.	No activity carried out in the Division during period from 2012-13 to 2016-17.
2	Konni	Mikania, Lantana and Eupatorium	No prescriptions provided in Management Plan for 2012-13 to 2014-15. In the Working Plan of the Division for the period 2015-16 to 2024-25, uprooting during monsoon three years was suggested.	No activity was carried out in the Division during the last five years from 2012-13 to 2016-17.
3	Periyar East	Lantana, Eupatorium, Mikania, Pteridiumaquilineum, Mimosa invisa	A study proposed in the first year of conservation plan to identify weed infested areas. Weed management was to be carried out in the identified areas as per the study report, on assessment of weed cover and its impact.	No study, as proposed in TCP, was conducted.
4	Periyar West	Lantana, Eupatorium, Mikania, Pteridiumaquilineum, Mimosa invisa	The prescription for eradication of Lantana was to cut below the collar where the shoot and root joins. TCP also proposed a study in the first year of conservation plan to identify weed- infested areas.	The eradication was carried out merely by uprooting. Thus, the prescription as per the TCP was violated. No study was also seen conducted.
5	Malayattoor	Mikania, Lantana, Eupatorium	Uprooting before flowering, slash burning, conduct the work studies, uprooted pits to be seeded with seeds of palatable grasses, chopping the main stem of Lantana below the shoot proliferating zone.	No activity carried out in the Division during the last five years from 2012-13 to 2016-17.

Source: Records of Territorial and Wildlife Divisions

Appendix – 2.5

Deficiencies in watershed management activities

(Reference: Paragraph 2.6.2.11-Page: 27)

Sl. No.	Division	Prescription as per plan period	Observations
1	Periyar West	TCP suggested conducting a study during the first year of the TCP to identify the waterholes to be maintained or established to ensure judicious distribution of water sources and suggest interventions.	No study conducted.
2	Ranni	Working Plan recommended preparation of a Strategic Plan (after detailed perambulation of the area by the concerned DFO) for watershed with the main objective of conservation of bio-diversity.	Strategic Plan not prepared.
3	Malayattoor	Working Plan suggested deepening of water holes which dry up in February, March and April to ensure water availability throughout the year, construction of small check dams in upper reaches at two km intervals to retain water and to ensure availability of water in lean period.	The Plan prescriptions not complied with.
4	Munnar	Working Plan for the period 2010-11 to 2019-20 provided for construction of six check dams.	Construction/ works not carried out.

Source: Records of Territorial and Wildlife Divisions

Appendix – 2.6**Conditions stipulated by CZA****(Reference: Paragraph 2.6.2.13 - Page: 29)**

Sl. No.	Conditions Stipulated	Time period to comply
1	Domestic ducks, geese, white mice, guinea pigs, Mithun to be removed from exhibit area	With immediate effect
2	Star tortoise to be provided with soft substrate instead of gravel	One month
3	Lion tailed macaque should be transferred to Zoological Garden, Thiruvananthapuram	With immediate effect
4	Sand to be provided for Gharial for basking along with ramp for climbing	With immediate effect
5	Bonnet Macaques to be housed in enclosures that meet minimum standards prescribed by CZA and the excess population to be released to the wild habitat.	Six months
6	Exhibits of Tigers, Lions, and Leopards do not meet minimum standards prescribed by CZA. Hence they should be shifted to a recognised zoo having appropriate housing facility.	With immediate effect
7	Stand-off barrier to be provided for Porcupine & Barn owl	With immediate effect
8	Enrichment to be provided to snakes.	One month
9	Screening of staff against zoonotic diseases to be done	With immediate effect
10	Number of Jackals should be reduced by shifting to recognised zoo or released in the wild	Six months
11	Surplus Sambar & Hog Deer either to be shifted to recognised zoo having sufficient carrying capacity or released in the wild	Six months

Source: Joint Verification Report

Appendix – 3.1.1

**Idle expenditure on incomplete works
(Reference: Paragraph 3.1.3.1 – Page: 32)**

Sl. No.	Division	Name of work/Agreement Number and date	Agreed Probable Amount of Contract (₹ in crore)	Details of work pending completion	Expenditure so far incurred (₹ in crore)	Remarks
1	Wayanad	Stimulus package – Construction of Cheekkalloor bridge on Koodothummal-Nadavayal-Veliyambam road in Wayanad District (SE(K)164/2009-10 dated 23/02/2010).	8.83	Approach road	3.08	The land owners has filed an O.S. vide No. 185/2010 and an injunction order was issued by the Hon'ble Court.
2	Ernakulam	Construction of Mattathankadvu Bridge across Konothupuzha connecting Amballoor and Udayamperoor Panchayaths in Ernakulam District (84/SECCA/2011-12 dated.17/01/2012).	4.82	Approaches on both sides of the bridge	3.49	Due to delay in acquisition of land and the delay in arranging the balance work even after getting land acquired, the completed bridge is standing without proper approaches on both sides over the past four years.
3	Muvattupuzha	Bridge across Kuroor thodu and approach road (91/SECCA/2009-10 dated 01/01/2010).	2.92	Approaches on both sides of the bridge	0.47	Bridge work was completed. The acquisition process was not completed even after 12 years of initiating the process and the amount ₹6.98 crore incurred became unfruitful as the acquisition could not be done.
4	Muvattupuzha	Construction of Koramkadavu Bridge across Muvattupuzha River at Karukappilly in Ernakulam district (100/SECCA/2010-11 dated 26/11/2010).	7.90	Piers P1 to P5 and abutment cap of A2 (Aikkaranad South side) completed. Abutments of the other side and other works are to be completed.	2.66	Initially, land owners expressed their willingness to handover the site. The same did not happen due to delay in payment of compensation.

Appendix 3.1.1 (Cont'd....)

Sl. No.	Division	Name of work/Agreement Number and date	Agreed Probable Amount of Contract (₹ in crore)	Details of work pending completion	Expenditure so far incurred (₹ in crore)	Remarks
5	Iduki	B/W 2009-10: Construction of Mariyil Kalungu bridge across Thodupuzha river in Idukki (31/SECCA/2013-14 dated 01/06/2013)	5.18	Scrutiny of Google map and discussion with department officials revealed that bridge proper completed and work for approach road could not be commenced due to non-availability of land.	2.85	As per GO (Rt)No.1185/09/PWD dated 14/08/2009, the Government directed that work shall be tendered only if hindrance free land is available. Audit with the aid of Google Map identified the bridge to be in an idle condition after constructing the bridge proper. To an audit query, Department stated that the land acquisition for approach road was still going on.
6	Alappuzha	Construction of cartable bridge in Kakkathuruthu in Aroor LAC (97/SESC/2011-12 dated 06/03/2013)	4.48	Balance work other than four groups of piles.	1.84	Out of seven group of piles (28 Nos), as per agreement schedule, the contractor executed four groups (16 Nos), and then the work was held up due to land dispute.
7	Alappuzha	Construction of Vaisyam Bhagam Bridge (90/SESC/2013-14 dated 07/09/2013)	20.91	For want of NOC from IWAI since the bridge is across National Water Way No.3.	17.21	Clarification sought by the CE, Designs- as to whether the river is a part of the National waterway so that the deck slab can be designed accordingly- was not properly attended to before finalisation of design of the bridge.
8	Kottayam	Plan work 2011-12 Construction of Chamappana-Teakoy Estate Marmalaruvi Road- Ch.0/000 to 2/900 km (129/SESC/2012-13 dated 12/07/2012)	4.94	Bridge was completed. Road could not be completed due to dispute of the title of the Teakoy Estate through which major part of road was proposed.	1.74	Work was foreclosed.
Total			59.98		33.34	

Source: Department records.

Appendix – 3.1.2

List of works arranged during defect liability period

(Reference: Paragraph 3.1.3.3– Page: 33)

Sl.No	Name of original works	Amount (₹)	Date of completion and DLP	Other Work arranged during DLP in the same road	
				Name of work	Amount (₹)
1	VVIP Visit- O/R 2015-16; Providing strip BC surfacing to UC college Edayar road from ch 0/000 to 0/250. Agt No.84/AEE/ALY/2015 dated 29/02/2016.	4,98,965	13/12/2015 and 12/12/2017	Improvements and BM & BC UC college – Edayar Road (Balance Portion) ch. 0/000 to 1/300 Agt.No.216/SCCCA/2015- 16 dated 03/03/2016.	1,84,18,867
2	VVIP Visit- O/R 2015-16; Providing strip BC surfacing to UC college Edayar road from ch 0/600 to 0/800. Agt No.86/AEE/ALY/2015 dated 29/02/2016.	4,99,056	13/12/2015 and 12/12/2017		
3	VVIP Visit– O/R 2015-16; Providing strip BC surfacing to UC college Edayar road from ch 0/850 to 1/050. Agt No.83/AEE/ALY/2015 dated 29/02/2016.	4,99,222	13/12/2015 and 12/12/2017		
4	VVIP Visit- O/R 2015-16; Providing strip BC surfacing to UC college Edayar road from ch 1/100 to 1/300. Agt No.58/AEE/ALY/2015-16 dated 29/02/2016.	4,98,994	13/12/2015 and 12/12/2017		
	Total	19,96,237		Total	1,84,18,867

Source: Department records.

Appendix – 3.1.3**List of works where provision for cutting off of pile head and conducting pile load test were provided separately****(Reference: Paragraph 3.1.3.5- Page: 36)**

SI No.	Name of work	Agreement No. & Date	Amount involved (₹ in lakh)
1	NABARD RIDF XX construction of Perumkadavu bridge across Chaliyar river in Malappuram District.	SE(K) 173/2016-17 Dated 31/01/2017	5.45
2	Construction of bridge at Ayamkadavu across Vavadukkam river on Perladukkam-Ayampara-Periya road	SE(K) 172/2016-17 Dated 31/12/2016	7.71
3	DFIP construction of flyover at Ramanattukara.	SE(K) 25/2015-16 Dated 04/03/2016	13.36
4	Construction of Mundakkal bridge across Pampa river at Kainakary in Alappuzha District.	155/SESC/2016-17 Dated 10/08/2015	7.86
5	Construction of bridge at Keezharookadavu across Neyyar river	38/SESC/2016-17 Dated 10/08/2015	2.61
6	NABARD RIDF XX construction of Keezhmurikadavu bridge across Muvattupuzha river in Ernakulam District	127/SECCA/2016-17 Dated 16/12/2016	1.83
7	Construction of Anjilimoottilkadavu bridge at Kozhipalam across Pampa river in Pathanamthitta District.	230/SESC/2016-17 Dated 17/02/2017	12.65
8	Construction of parallel bridge to Kodimatha bridge across Kodoor river at Kodimatha in Kottayam District.	104/SESC/2014-15 Dated 26/12/2014	11.04
9	Construction of Kannangattu – Willington island bridge across Kumbalamkayal in Ernakulam District	29/SECCA/2014-15 Dated 10/10/2014	196.48
Total amount			258.99

Source: Department records.

Appendix – 3.1.4

List of works where unit rates higher than MoRTH rate were provided for superstructure

(Reference: Paragraph 3.1.3.5- Page: 37)

Sl No.	Name of work	Agreement No. & Date	Rate adopted by Department per cubic meter (in ₹)	Rate as per MORTH SDB per cubic meter (in ₹)	Quantity of cement concrete superstructure (in cum)	Cost difference (₹ in crore)
1	Construction of Calicut Bypass phase II reach II from Ch.0/000 to 5/000 of NH 17 (New NH 66)	No. 08/14-15/SE/NH/KKD Dated 04/08/2014	24,468	13,363.78	5,707	6.34
2	Construction of Mundakkal Bridge across Pampa River at Kainakary in Alappuzha district	No. 155/SESC/2015-16 Dated. 30/12/2015	25,187	12,592	814	1.03
3	Construction of bridge at Keezharoorkadavu across Neyyar river	No. 38/SESC/2016-17 Dated 10/08/2015	26,071	15,010	289	0.32
4	NABARD RIDF XX construction of a bridge across leading channel at Muthalukurichickal in Nedumudi – Karuvatta road in Alappuzha district	No. 226/SESC/2016-17 Dated. 02/02/2017	24,665.52	16,983.85	479	0.37
5	Construction of Elanthakadavu Bridge across Iruvazhanjipuzha in Kozhikode district.	No. SE (K) 125/2014-15 Dated 31/03/2015	25,016	9,764	464	0.71
6	Construction of bridge at Ayamkadavu across Vavadukkam river on Perladukkam - Ayampara-Periya road.	No. SE(K) 172/2016-17 Dated 31/12/2016	22,452	15,785.86	800	0.53
7	Budget work 2015-16 construction of Parappuram-Vallamkadavu bridge across Periyar River in Ernakulam District.	No. 123/SECCA/2016-17 Dated 25/11/2016	21,730.17	10,973.28	1,260	1.36
					Total	10.66

Source: Department records.

Appendix – 3.1.5

Excess cost incurred due to non-finalisation of tender process within firm period

(Reference: Paragraph 3.1.4.3- Page : 41)

Sl No	Name of work	Agreement No. & Estimate PAC	First tender		Agreed PAC		Excess cost (₹ in crore)	Remarks
			Tender percentage	Quoted amount (₹ in crore)	Tender percentage	Amount (₹ in crore)		
1	Improvements to Hill highway from Karikottakari-Edoor-Aralam-Palpuzha - Manathara-3 rd reach from km. 71/690 to 90/315 in Kannur District.	SE (K)286/2015-16 Dated 27/01/2016 & ₹20.54 crore.	16.62 per cent below estimate rate (ER)	17.13	23.20 per cent above ER	24.53	7.40	Re-tendered and awarded to L1 at 23.20 per cent above ER based on tossing as the quoted rate of both bidders were same.
2	Construction of approach road to Kothi-Pallikandi bridge in Kozhikode District.	SE (K) 69 / /2014-15 Dated 16/10/2014) & ₹14.24 crore	4.90 per cent below ER	13.59	18.80 per cent above ER	16.76	3.17	Awarded to L2 at his quoted rate of 18.80 per cent above ER.
3	Construction of Mundakayam Bypass.	110/SESC/2015-16 Dated 03/10/2015 & ₹12.78 crore	15.01 per cent above ER	14.64	22.50 per cent above ER	15.56	0.92	Re-tendered and awarded to L1 at 22.50 per cent above ER.
4	Improvements to Kandankali road km. 0/000 to 3/00 in Pathanamthitta District.	09/SESC/2016-17 Dated 23/05/2016) & ₹5.68 crore	8.90 per cent above ER	6.16	27.99 per cent above ER	7.18	1.02	Re-tendered and awarded to L1 at 27.99 per cent above ER.
5	Providing BM&BC work to Arunassery- Kattampakkel - Kuravilangadu road km. 2/000 to 8/800.	101/SESC/2015-16 Dated 01/10/2015 & ₹3.44 crore	6.60 per cent above ER	3.59	31.77 per cent above ER	4.17	0.58	Work was retendered on 15/07/2014 as there was no response, work was awarded through negotiated quotation.
6	Budget speech 2012-13 improvements to Vandiperiyar – Spencer Junction to Sathram road from km. 0/000 to 13/800.	30/SECCA/2014-15 Dated 10/10/2014 & ₹11.65 crore	5.30 per cent below ER	11.10	17.11 per cent above ER	13.45	2.35	Awarded to L2 at quoted rate of 17.11 per cent above ER.
7	CRF- 2014-15 improvement to Chovva Anjarakakandi Mattannur road from km. 0/00 to 23/213.	09 /2015-16/ SE/ NH /KKD Dated 22/08/2015 & ₹6.63 crore	18.74 per cent below ER	5.39	10.33 per cent below ER	5.95	0.56	Re-tendered and awarded to L1 at 10.33 per cent below ER.
8	Construction of Murikkallu bridge across Muvattupuzha river in Ernakulam District.	52/ECCA/2014-15 Dated 06/11/2015 & ₹10.68 crore	6 per cent Below ER	10.07	45 per cent above ER	15.26	5.19	The work was tendered twice. As the tender process could not be completed within the firm period, this was awarded by quotation.
Total							21.19	

Source: Department records.

Appendix – 3.1.6

List of works for which part bills of incomplete works were pledged as security deposit

(Reference: Paragraph 3.1.5.2 – Page: 43)

Sl No.	Name of work and Agreement No.	Name of work and Agreement No. of bill of incomplete work pledged as SD	Amount of SD (₹)
1	Construction of Mundakkal Bridge across Pampa River at Kainakary in Alappuzha district. Agreement No. 155/SESC/2015-16 dated 30/12/2015.	Design & construction of foot bridge to Aluva sivarathri manappuram from Kottarakkadavu. Agreement No. 105/SECCA/2015-16 dated 01/10/2015.	1.29 crore
2	O/R 2015-16: Urgent BT patch repairs to UC college Edayar road Ch. 4/000 to 4/500. Agreement No. 35/AEE/ALY/2015-16 dated 25/05/2016.	Budget Work 2013-14 Improvements to Edappally – Muvattupuzha road from Kuzhivelipadi to Pookkattupadi Ch. 8/000 to 11/020 Agreement No. 109/SECCA/2015-16 dated 03/10/2015.	25,000
3	OR 2015-16: Urgent BT patch repairs to Kadungalloor- Eloorkara road ch.5/000 to 5/500. Agreement No.33/AEE/ALY/2016-17 dated 25/05/2016.	Budget Work 2013-14 Improvements to Edappally – Muvattupuzha road from Kuzhivelipadi to Pookkattupadi Ch. 8/000 to 11/020 Agreement No. 109/SECCA/2015-16 dated 03/10/2015.	25,000
4	OR 2015-16: Urgent BT patch repairs to UC College Edayar road ch.0/000 to 1/000 Agreement No.29/AEE/ALY/15-16 dated 22/05/2016.	Budget Work 2013-14 Improvements to Edappally – Muvattupuzha road from Kuzhivelipadi to Pookkattupadi Ch. 8/000 to 11/020 Agreement No. 109/SECCA/2015-16 dated 03/10/2015.	25,000
5	OR 2015-16: Urgent BT patch repairs to Kadungalloor Eloorkara road ch.5/750 to 6/126. Agreement No.27/AEE/ALY/2016-17 dated 25/05/2016.	Budget Work 2013-14 Improvements to Edappally – Muvattupuzha road from Kuzhivelipadi to Pookkattupadi Ch. 8/000 to 11/020 Agreement No. 109/SECCA/2015-16 dated 03/10/2015.	25,000
6	OR 2015-16: Urgent BT patch repairs 3rd mile AA Road to Thadikkakadavu and worst reaches. Agreement No.68/AEE/ALY/2016-17 dated 29/02/2016.	Budget Work 2013-14 Improvements to Edappally – Muvattupuzha road from Kuzhivelipadi to Pookkattupadi Ch. 8/000 to 11/020 Agreement No. 109/SECCA/2015-16 dated 03/10/2015.	25,000
7	VVIP Visit -O/R 2015-16: Providing strip BC surfacing UC College Edayar Road Ch.1/100 to 1/300 in connection with the visit of Hon'ble PM of India. Agreement No.58/AEE/ALY/2016-17 dated 29/02/2016.	Budget Work 2013-14 improvements to Edappally – Muvattupuzha road from Kuzhivelipadi to Pookkattupadi Ch. 8/000 to 11/020 Agreement No. 109/SECCA/2015-16 dated 03/10/2015.	25,000

Source: Department records.

Appendix – 3.1.7

List of works in which traffic/road safety provisions were reduced

(Reference: Paragraph 3.1.6.1 – Page: 45)

Sl No.	Name of work	Agreement No. & Date	Safety provisions reduced in the work
1	Strengthening the road by providing BM & BC to MES college proposed road Ch. 0/000 to 2/590, Koratty - Kannimala road 0/000 to 2/800 km and Erumely TB road 0/000 to 0/500 km.	No. 66/SESC/14-15 dated 13/11/2014	<i>Thrie</i> metal beam crash barrier, retaining wall and culvert.
2	S/F 2013-14 strengthening the road by providing BM&BC to Thruvalla - Kumbazha road from 16/650 to 33/000.	No. 74/SESC/2014-15 dated 17/11/2014	Culvert, <i>thrie</i> metal beam crash barrier and road signs.
3	Budget work 2011-12 providing BM&BC to Chendrapally - Konni road from 0/000 to 12/500 in Konni Constituency Pathanamthitta District.	No. 03/SESC/2014-15 dated 27/05/2015	Delineators and <i>thrie</i> metal beam crash barrier.
4	Improvements to Vettathukavala - Meenadam road Ch. 0/000 to 7/850 (1 st Phase).	No. 63/SESC/2016-17 dated 30/05/2017	Retro reflective traffic signs, road markings, Delineators and crash barrier.
5	Improvements by providing BM&BC to Thiruvathuckkal – Illickal road Ch. 0/000 to 1/770.	No.231/SESC/15-16 dated 02/03/2016	Signboards, Delineators and road studs.
6	Providing BM & BC work to Arunassery – Kattampakkal - Kuravilangad road km. 2/000 to 8/800.	No.101/SESC/15-16 dated 01/10/2015	W Metal beam crash barrier.
7	Improvements to Seethagoli - Puthige-Perla road km. 0/000 to 18/680 & Puthige - Badoor link road km. 0/000 to 3/000 in Kasargode District.	No. SE (K) 22/14-15 dated 21/05/2014	W Metal beam crash barrier and pipe culverts.
8	Improvements to Chingavanam – Kolladu - Kanjikuzhy road (BM&BC).	No. 09/SESC/2014-15 dated 31/05/2014	Retaining wall and sign board.
9	Improving riding quality of Thathamangalam - Nattukal road SH 25 and connected road in Palakkad District.	No. SE (K) 170/16-17 dated 23/12/2016	Side protection works.
10	NABARD RIDF XIX – Improvements to Tirur - Kuttalathani road Ch.3/000 to 10/550, Patternadakkavu – Ezhur road Ch. 0/000 to 8/450, Kanzhipura – Patternadakkavu road Ch. 0/000 to 6/500 in Malappuram District.	No. SE (K) 107/15-16 dated 11/09/2015	Road studs and road markings.

Source: Department records.

Appendix – 3.2.1

Details of loans and accrued interest pending recovery from RBDCK Ltd.

(Reference: Paragraph 3.2.4.1– Page: 58, 59)

Date of receipt by RBDCKL	Amount of loan released (₹)	Due date for completion of repayment	Rate of interest as per MoU	Interest accrued upto 31/08/2017 (₹)
09/08/2007	3,30,00,000	09/08/2010	11.50 per cent (in the case of default)	3,82,66,250
09/08/2007	3,75,00,000	09/08/2013	11.50 per cent (in the case of default)	4,34,84,375
31/12/2007	8,14,44,000	31/12/2012	6 per cent p.a	4,72,37,520
09/09/2008	38,50,00,000	09/09/2013	6 per cent p.a	20,79,00,000
Total	53,69,44,000			33,68,88,145

Source: Accounts of KRFB

Total amount due from RBDCKL: ₹53,69,44,000 + ₹33,68,88,145 = ₹87,38,32,145

Appendix – 3.2.2

**Photographs taken during joint physical verification
(Reference: Paragraph 3.2.6.1-Page: 62)**

Works not completed at Thakaraparambu



**C-05&06 - CH: 2+070 to 2+170, (RHS)
(25/07/2017)**



C-05&06-, Ch: 2+070 to 2+170 (30/08/2017)

Damaged carriageway pending restoration



C-08-CH: 0+120 (RHS) (26-07-2017)



C-05&06- CH: 2+560 (25/07/2017)

Appendix 3.2.2 (Cont'd.....)

Dismantled pavement over foot path pending rectification



C-03 -CH: 1+230 (LHS) (25/07/2017)



C-10-CH: 1+480 (LHS) (24/07/2017)

Appendix – 3.2.3**Details of payments made to the Concessionaire as differential cost for laying footpath with PCIB****(Reference: Paragraph 3.2.6.3 - Page: 64)**

Voucher No. & date	Bill No.	Quantity executed (square feet)	Differential cost paid (₹)
570/ 14/01/2010	1	34,239.10	44,51,083
171/ 08/07/2010	2	53,638.95	69,73,063
880/ 26/03/2011	3 & 4	1,30,322.22	1,69,41,889
732/ 28/12/2011	5 & 6	1,55,751.25	2,02,47,663
460/ 28/07/2012		36,333.80	47,23,394
1183/ 06/03/2013	7 & 8	2,04,355.42	2,65,66,205
819/ 26/11/2013	9	1,71,754.87	2,23,28,133
----/ 02/03/2015	10	1,02,865.60	1,33,72,528
418/ 11/08/2015	11	1,02,599.50	1,33,37,935
141/ 13/05/2016	12	64,112.71	83,34,652
		10,55,973.42 *(98,138.79 m²)	13,72,76,545

* 1 m² = 10.76 sqft.

Source: Payment vouchers of KRFB

Appendix – 3.2.4

Irregular payments for engaging traffic wardens

(Reference: Paragraph 3.2.6.4 - Page: 64)

Sl No	Date of payment/ month for which due	Amount (₹)
1	03/12/2009/11-2009	87,532
2	05/01/2010/12-2009	84,484
3	02/02/2010/1-2010	82,888
4	03/03/2010/2-2010	85,981
5	31/03/2010/3-2010	1,06,840
6	03/05/2010/4-2010	1,40,800
7	02/06/2010/5-2010	1,36,062
8	11/06/2010/8 wardens (26/10/2009 to 30/10/2009)	6,968
9	01/07/2010/6-10 plus 6 days for 1 warden (26/10/2009 to 31/10/2009)	1,39,271
10	04/08/2010/7-2010	1,31,400
11	04/09/2010/8-2010	1,46,000
12	04/10/2010/9-2010	1,51,200
13	03/11/2010/10-2010	1,59,400
14	03/12/2010/11-2010	1,41,800
15	03/01/2011/12-2010	1,54,400
16	03/02/2011/1-2011	1,53,000
17	04/03/2011/2-2011	1,47,400
18	04/04/2011/3-2011	1,57,800
19	07/06/2011/5-2011	41,200
20	05/07/ 2011/6-2011	80,400
21	04/08/ 2011/7-2011	78,200
22	03/09/2011/8-2011	37,600
23	13/12/2011/11-2011	83,800
24	05/01/2012/12-2011	1,44,000
25	06/02/2012/1-2012	1,72,800
26	06/03/2012/2-2012	1,52,400
27	07/04/2012/3-2012	1,73,200
28	04/05/ 2012/4-2012	2,87,700
29	17/05/2012/ arrear for 1/2012 to 3/2012	3,73,800
30	05/06/2012/5-2012	3,07,300
31	05/07/ 2012/6-2012	2,06,500
32	07/09/2012/8-2012	95,200
33	05/10/2012/9-2012	94,500
34	05/11/2012/10-2012	1,00,800
35	10/12/2012/11-2012	93,100

Sl No	Date of payment/ month for which due	Amount (₹)
36	03/01/2013/12-2012	96,250
37	06/02/ 2013/1-2013	91,350
38	07/03/ 2013/2-2013	78,750
39	04/04/ 2013/3-2013	89,600
40	09/05/ 2013/4-2013	88,900
41	06/06/ 2013/5-2013	88,200
42	05/07/ 2013/6-2013	91,350
43	05/08/ 2013/7-2013	96,950
44	04/09/ 2013/8-2013	94,500
45	05/10/ 2013/9-2013	84,350
46	06/11/ 2013/10-2013	91,000
47	04/12/ 2013/11-2013	87,150
48	06/01/ 2014/12-2013	93,450
49	05/02/ 2014/1-2014	90,300
50	06/03/ 2014/2-2014	91,000
51	08/04/ 2014/3-2014	99,050
52	08/05/ 2014/4-2014	97,650
53	04/06/ 2014/5-2014	1,00,100
54	05/07/ 2014/6-2014	98,000
55	04/08/2014/7-2014	87,850
56	03/09/2014/8-2014	91,350
57	07/10/2014/9-2014	84,000
58	06/11/2014/10-2014	98,000
59	04/12/ 2014/11-2014	92,050
60	07/01/2015/12-2014	97,650
61	06/02/2015/1-2015	90,300
62	09/03/ 2015/2-2015 (8 wardens)	75,250
63	11/03/2015/2-2015 (2 wardens)	14,350
64	06/04/2015/3-2015	99,050
65	06/05/2015/4-2015	95,550
66	05/06/2015/5-2015	1,01,500
67	04/07/2015/6-2015	96,600
68	05/08/2015/7-2015	1,01,500
69	08/09/2015/8-2015	91,350
70	08/10/2015/9-2015	98,000
71	08/12/2015/11-2015	52,500
	Total	79,50,476

Source: Records of KRFB

Appendix – 3.2.5

Undue gain to Concessionaire on account of interest

(Reference: Paragraph 3.2.6.5-Page: 65)

Annuity paid in advance in respect of Phase II: ₹0.572 crore Interest per month @ 11.50 per cent for ₹0.572 crore = ₹54,816/-			
Sl No.	Month and Year of annuity payment	No. of months for which the amount paid in advance (upto date of completion as per completion certificate)	Interest (₹)
1	November 2012	54	29,60,064
2	March 2013	50	27,40,800
3	December 2013	41	22,47,456
4	May 2014	36	19,73,376
5	September 2014	32	17,54,112
6	April 2015	25	13,70,400
7	September 2015	20	10,96,320
8	March 2016	14	7,67,424
9	December 2016	5	2,74,080
10	March 2017	2	1,09,632
Total			1,52,93,664

Source: Records of KRFB

Appendix 3.2.6

Undue gain to Concessionaire on account of interest

(Reference: Paragraph 3.2.6.6 - Page: 66)

Annuity amount in respect of Phase II- (Provisional Certificate issued on 07/09/2012--COD 22/02/2012) Less: Amount paid in advance due to calculation of proportionate annuity on the basis of length instead of cost of works (para 3.2.6.5)			₹6.590 crore <u>₹0.572 crore</u> ₹6.018 crore
Month of annuity due	Month of annuity payment	No. of months Annuity paid in advance	Interest @ 11.50 per cent (₹5,76,725) ¹
March 2013	November 2012	4	23,06,900
September 2013	March 2013	6	34,60,350
March 2014	December 2013	3	17,30,175
September 2014	May 2014	4	23,06,900
March 2015	September 2014	6	34,60,350
September 2015	April 2015	5	28,83,625
March 2016	September 2015	6	34,60,350
September 2016	March 2016	6	34,60,350
March 2017	December 2016 ₹5,60,15,000 & March 2017 ₹98,85,000	3 months for ₹5.03 crore	14,45,979 ²
Total			₹2,45,14,979

Source: Records of KRFB

¹₹6.018 crore x 11.50 per cent /12 months = ₹5,76,725

²Out of the annuity due for March 2017, ₹5.60 crore was paid in December 2016 and the balance ₹0.99 crore paid in March 2017 itself. Therefore interest reckoned only for the amount paid in December 2016 (₹5,60,15,000 - ₹57,20,000 = ₹5,02,95,000 x 11.50 per cent/12 months = ₹4,81,993 x 3 = ₹14,45,979/-