പതിനാലാം കേരള നിയമസഭ പതിനാറാം സമ്മേളനം

നക്ഷത്രചിഹ്നമിടാത്ത ചോദ്യം നം.4793

14.11.2019-ൽ മറ്റപടിക്ക്

റെയിൽവേ മേൽപ്പാലങ്ങളടെ നിർമ്മണം

മോദ്യം

ശ്രീ. സി. ദിവാകരൻ

٧,

മറുപടി

ശ്രീ. ജി.സുധാകരൻ (പൊതുമരാമത്തം രജിസ്ലേഷനം വകപ്പ് മന്ത്രി)

- അധികാരത്തിൽ സർക്കാർ (എ) ഈ റെയിൽവേ (എ) വന്നശേഷം നിർമ്മിക്കുന്നതിന് മേൽപ്പാലങ്ങൾ അനുവദിച്ചവെന്നും (ബി) എത്ര യ്യക മേൽപ്പാലം എവിടെയെല്ലാമാണ് നിർമ്മിക്കുന്നതെന്നും വൃക്തമാക്കുമോ; ഉത്തരവിന്റെ പകർപ്പ് ലഭ്യമാക്കമോ;
- (ബി) പ്രസ്തുത റെയിൽവേ മേൽപ്പാലങ്ങളുടെ നിർമ്മാണത്തിന് ഏത് ഏജൻസിയെയാണ് ചൂമതലപ്പെടുത്തിയിരിക്കുന്നതെന്ന് വൃക്തമാക്കമോ;
- ഈ സർക്കാർ അധികാരത്തിൽ വന്നതിനുശേഷം ആർ.ബി.ഡി.കെ, കെ.ആർ.ഡി.സി.എൽ എന്നിവരെ നിർമ്മാണച്ചുമതല ഏൽപ്പിച്ച റെയിൽവേ മേൽപ്പാലങ്ങളുടെ വിശദവിവരം അടങ്ങിയ ഉത്തരവിന്റെ പകർപ്പുകൾ അനുബന്ധം 1 ആയിചേർക്കുന്നു.

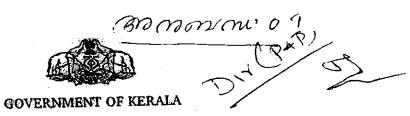
- (സി) (സി) നെടുമങ്ങാട് നിയോജകമണ്ഡലത്തിലെ കണിയാപുരം റെയിൽവേ മേൽപ്പാലത്തിന്റെ നിർമ്മാണം ഏത് ഘട്ടത്തിലാണെന്ന് വൃക്തമാക്കുമോ; തിനായി മ്മകയുടെ എത്ര എസ്റ്റിമേറ്റാണ് തയ്യാറാക്കിയിരിക്കുന്നതെന്ന് വൃക്തമാക്കുമോ; അപ്രവ് ചെയ്ത എന്നിവയുടെ ഡിസൈൻ, പ്ലാൻ പകർപ്പ് ലഭ്യമാക്കുമോ;
- റെയിൽവേ കണിയാപുരം നിർമ്മാണത്തിനായി മേൽപ്പാലത്തിന്റെ 19.04.2018-ലെ സ.ഉ(സാധാ) നം.718/2018/പൊ.മ.വ പ്രകാരം എസ്.പി.വി ആർ.ബി.ഡി.സി.കെ-യെ റെയിൽവേ ആയി നിയമിച്ചിട്ടണ്ട് . **മാനദണ്ഡ പ്രകാരം ആർ.**ഒ.ബി-യും പാളവും **തമ്മിൽ അനുവദനീയമായിട്ടള്ള പരമാ**വധി റെയിൽവേ സ്ക്യ ആംഗിൾ 20º ആണ്. ആംഗിൾ പ്രകാരമുള്ള സ്ത്യ മാനദണ്ഡ അനുസരിച്ച് അലൈൻമെന്റ് ലെവൽ ക്രോസിന് സമീപത്ത് പടിഞ്ഞാറ് ഭാഗത്ത് കിഴക്ക് ഭാഗത്ത് വടക്കോട്ടം തെക്കോട്ടം, നിലവിലുള്ള റോഡിൽ നിന്നും മാറിയാണ്

വരുന്നത്. അലൈൻമെന്റ് സംബന്ധിച്ച് കണിയാപുരം നിവാസികൾ നിരവധി പരാതികൾ സമർപ്പിച്ചിട്ടുണ്ട്. നിലവിലുള്ള റോഡിന് സമാന്തരമായി ആർ.ഒ.ബി നിർമ്മിക്കണം എന്നതാണ് പരാതിക്കാരുടെ ആവശ്യം. റെയിൽവേ ബോർഡിന്റെ ആർ.ഡി.എസ്.ഒ നിബന്ധന പ്രകാരം 20° മുകളിൽ സ്ക്ക്യൂ ആംഗിൾ അനുവദനീയമല്ല എന്ന് ചീഫ് എഞ്ചിനീയർ, കൺസൂക്ഷൻ, സതേൺ റെയിൽവേ അറിയിച്ചിട്ടുണ്ട്. സ്ക്യൂ ആംഗിൾ വർദ്ധിപ്പിക്കുന്നത് സംബന്ധിച്ച് റെയിൽവേയ്യമായി കൂടുതൽ കൂടിയാലോചനകൾ നടക്കുന്നു. 2018-19 സ്പീച്ചിൽ കണിയാപ്പരം ബഡ്ജറ്റ് ആർ.ഒ.ബി നിർമ്മിക്കുന്നതിനായി വകയിരുത്തിയിട്ടണ്ട്. 22.51 കോടി ത്രപ ഡി.പി.ആർ പൂർത്തിയാക്കിയതിനശേഷം മാത്രമേ ഡിസൈനം എസ്റ്റിമേറ്റ് ഇകയും സാധിക്കുകയുള്ള. കണക്കാക്കുവാൻ റെയിൽവേ മാനദണ്ഡപ്രകാരം അർ.ബി.ഡി.സി.കെ തയ്യാറാക്കിയ അലൈൻമെന്റ് അനുബന്ധം 11 ആയി ചേർക്കുന്നു.

(ഡി) നടപടികൾ പൂർത്തീകരിച്ച് (ഡി) നിർമ്മാണപ്രവർത്തനം എന്ന് ആരംഭിക്കാനാകമെന്നാണ് സർക്കാർ പ്രതീക്ഷിക്കുന്നതെന്ന് വ്യക്തമാക്കുമോ?

ഇപ്പോഴത്തെ സാഹചര്യത്തിൽ പ്രവൃത്തികൾ എന്ന് ആരംഭിക്കാനാകുമെന്ന് ഇപ്പോൾ പറയാനാകില്ല.

സെക്ഷൻ ഓഫീസർ



<u>Abstract</u>

Public Works Department- Construction of 27 Road Over Bridge/Road Under Bridges-JV firm M/s. Kerala Rail Development Corporation Ltd (KRDCL)- Entrustment as implementing agency -Orders is sued.

PUBLIC WORKS (D) DEPARTMENT

G.O.(Rt) No.780/2018/PWD

Dated, Thiruvananthapuram, 27/04/2018.

Read: 1 Letter No.W.352/I/1 dated 21/02/2018 from the General Manager, Works Branch, Chennai-3 and letter no. W.352/1/CN/ERS/Genl dated 21.03.2018 from the Chief Engineer, Construction, Southern Railway, Ernakulam.

2 Minutes of the meeting held by the Chief Secretary on 03.04.2018.

ORDER

Government are pleased to entrust JV firm M/s Kerala Rail Development Corporation Ltd (KRDCL) as the implementing agency for the construction of the following 27 Road Over Bridge/Road Under Bridges in the State sanctioned on cost sharing basis through Railways Works Programme 2018-19 (pink book):

SI. No	LC	No.	Divn	Pink Book Item No.	Description	Km	Between Stn/ Location
1		259	PGT	429	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 259 @Elimala stn	782/200- 300	At Elimala stn (Payangadi- Payyanur)
2		225	PGT	429	KOZHIKODE-KANNUR Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 225	729/600- 700	Mahe- Thalassery
3	,	234	PGT	429	KOZHIKODE-KANNUR Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 234	740/300- 400	Thalassery- Ettakkot
,	4	15	TVC	429	SHORANUR - ERNAKULAM Section -2Lane Road Over Bridge including LUS in lieu of LC No. 15		ukavu- punkunnam
	5	53	TVC	429	KAYAMKULAM-KOLLAM Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 53	128/9=1	O Karunagappal - Sasthamkotta
	6	27	TVC	429	SHORANUR- ERNAKULAM Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 27	1	.5 Ollur - Podukkad
1.	7	149	TVC	429		98/5=	6 Cheppad- Kayamkulam
	8	1	TVC	2 429	SHORANUR- ERNAKULAM Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 1	1/800-	Shornur- Vallathol Nagar

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9	6	PGT	429	SHORANUR: NILAMBUR ROAD Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 6	21/100-	Shorn ur- Angael ippuram
10	8	PGT	429	SHORANUR-MLAMBUR ROAD Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 8	32/900- 33/00	Angadipuram- Vaniyambalan
11	12	PGT	429	SHORANUR-NILAMBUR Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 12	65/600- 700	Nilam bur yard
12	23	TVC	429	ERANAKULAM- KOTTAYAM- KAYAMKULAM Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 23	42/8=9	Kurup pantara Etturn anoor
13	164	PGT	429	PODHANUR-SHORNUR Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 164	549/100- 200	Parali- Manakara
14	173	PGT	429	SHORANUR- KOZHIKODE Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 173	637/600- 700	Tanur- Parappanagad
15 ,	187	PGT	429	KOZHIKODE-KANNUR Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 187	667/100- 200	Kozhikode Kannur
16	240	PGT	429	KOZHIKODE-KANNUR Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 240	749/700- 800	Ettakot-Kannı
17	244	PGT	430	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 244	755/800- 900	Kannur - Valapattanam
18	252	PGT	430	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 252	767/400- 500	Pappinisseri- Kannapuram
19	253	PGT	430	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 253	769/000- 100	Kannapuram- Payangadi
20	262	PGT	430	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 262	789/500- 600	Payyanur- Trikarip
21	264	PGT	430	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 264	791/500- 600	Payyanur- Trikaripur
22	288	PGT	430	KANNUR-MANGOLORE Section - 2 Lane Road Over Bridge including LUS in lieu of LC. No. 288	863/000- 100	Uppala- Manjeshwar
23	36	TVC	430	SHORANUR- ERNAKULAM Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 36	56/000- 100	Pudukad- Irinjalakuda
24	42	TVC	430	KAYAMKULAM-KOLLAM Section -2 Lane Road Over Bridge including LUS in lieu of LC No. 42		Kayamkulam Ochira

1 43	115	TVC	430	FRNATA		
26	545	TVC	46.5	ERNAKULAM-ALAPUZHA- KAYAMKULAM Section - 2 Lane Road Over Bridge including LUS in lieu of LC No. 115	85/000- 100	Ambalapuzh.i Haripad
27	570	TVC	430	KOLLAM- THIRUVANANTHAPURAM Section -2 Lane Road Over Bridge including LUS in light of LC No.	158/1	Kollam Mayyanad
			•	CHIRUVANANTHAR	900	Kadakavur- Murukkampuzha

(By Order of the Governor)

R.SREEKLA DEVI, SPECIAL SECRETARY

The Managing Director, Kerala Rail Development Corporation Ltd(KRDCL), The Managing Director, RBDCK, Ernakulam.

The Chief Engineer, Construction, Southern Railway, Thiruvananthapuram, The Principal Accountant General (Audit/A&E) Kerala, Thiruvananthapuram, Information Officer(Web& New Media) Fransport Department ST/OC.

Forwarded/By Order,





GOVERNMENT OF KERALA

Public Works Department- Cost for DPR preparation for 27 ROBs -Administrative Sanction

PUBLIC WORKS (D) DEPARTMENT

G.O.(Rt) No.1190/2018/PWD Read:

Dated, Thiruvananthapuram, 02/08/2018.

1. Minutes of the Meeting held by Cheif Secretary on 03.04.2018. 2. GO(Rt)No.780/2018/PWD dated 27.04.2018.

ORDER

As per the reference read as I scabove, it was decided to entrust the construction of 27 ROBs with the JV firm M/S Kerala Rail Development Corporation Ltd. and the State Govt will provide Rs. 7 lakh each(27 X 7= 189) for DPR preparation of 27 ROB/RUBs included in the Railways Works Programme 2018-19 (Pink Book) by debit to the h/a '3054-80- 004-96 Feasibility Study for new schemes/projects-VP' .As. per the Government Order read as 2 nd above, JV firm M/s Kerala Rail Development Corporation Ltd (KRDCL) has heen entrusted as the implementing agency for the construction of the 27 Road Over Bridge/Road Under Bridges in the State sanctioned on cost sharing basis through Railways

Government have examined the matter in detail and are pleased to accord Administrative Sanction for Rs.189 Lakh (Rupees 1 Crore 89 Lakhs only) towards the preparation of DPR in respect of 27 ROBs entrusted to KRDCL under the h/a "3054-80-004-

> (By Order of the Governor) G.KAMALA VARDHANA RAO, PRINCIPAL SECRETARY

To:-

The Managing Director, Kerala Rail Development Corporation Ltd(KRDCL),

The Accountant General (Audit/ A& E), Kerala, Thiruvananthapuram. Finance Department(vide-U.O.No-852465/Ind&PW.B3/18/Fin dated

Information Officer (Web & New Media)

Forwarded/By Order,



GOVERNMENT OF KERALA

Abstract

PWD- Construction of 39 Road Over Bridges/Road Under Bridges by availing funds under KIIFB 2018-19- in-principle Sanction accorded - Orders issued.

PUBLIC WORKS(D)DEPARTMENT

G.O.(Rt)No. 718/2018/PWD Dated, Thiruvananthapuram, 19/04/2018

Read: 1 Minutes of the meeting held by the Chief Secretary on 03.04.2018

ORDER

Government are pleased to accord in-principle sanction for the construction of 39 Road Over Bridges/Road Under Bridges, included in the various Railway Work Programmes and announced in the Budget Speech 2018-19 as detailed below for an amount of Rs. 878 crores by availing fund from Kerala Infrastructure Investment Fund Board (KIIFB). The Roads&Bridges Development Corporation of Kerala Ltd. (RBDCK) is designated as the Special Purpose Vehicle (SPV) for executing these projects.

Sl. No	Year of Sanction	- 1	LC No.	ROB /RUB	Name of Work	District
1	2006-07	143	289	ROB	PGT Division - Proposed ROB in lieu of LC NO 289 @ km 865/8-9 in between Uppala - Manjeshwar stations in SRR - MAQ section	Kasaragod
2	2012-13	256	17	ROB	ROB in lieu of LC No.17 at Km.18/0- 100 in between Kumbalam - Turavur stations.	Alappuzha
3	2012-13	3 267	557	ROE	Kollam - Thiruvananthapuran section: ROB in lieu	Thriuvananthapuram

å										-		i
								K b	.m.l etw /ark	C No.557 at 76/14-15 in een Edava - tala Shivagiri ons.		
	4	20	13-14	297	51	77B	RO		LC (Cla 212 bety Kaz	ROB in lieu of No 577-B y Gate) at Km. /600-700 in ween zhakuttam- chuveli stations.		uvananthapuram
	5	2	013-14	298	3	573	RO	ОВ	LC (K Kr in M K:	ROB in lieu of No.573 aniyapuram) at n. 202/700 - 800 between urukkumpuz ha- azhakuttam ations.		riuvananthapuram
	6		2013-1	4 30	00	567	F	ROB	L (S K b	L ROB in lieu of C N o: 5 6 7 Sarkara) at Km.192/100-200 in the cetween Chirayinkeezh - Murukkumpuzha stations	n	hriuvananthapuram
		7	2013-	14	301	22	0В	RO	_ {	SHORANUR- ERNAKULAM section: Proposed Widening of exg Lane Road Over Bridge No.220-I 107/200-300 by additional two lanear Ernakulam South station	d .2 r B at	Ernakulam
	•	8	2013	3-14	302	. 2	281	R	ЭВ	KANNUR- MANGALORE SECTION -2L ROB in lieu of No.281 (Uduma Km	LC	Kasaragod

					831/700- 800 in between Kottikulam- Kasargod Stations.	
9	2013-14	303	569	ROB	2L ROB in lieu of LC No.569 - (Manjadimoodu) at Km.192/800- 900 in between Chirayinkeezh - Murukkumpuzha stations	Thriuvananthapuram
10	2013-14	309	180	ROB	SHORANUR - KOZHIKODE section: 2L ROB in lieu of LC No.180 (Vattampoyll) at Km.663/700-800- in between Kallayi - Kozhikode stations.	Kozhikode
11	2014-15	320	273	ROB	SHORANUR-MANGALORE: 2L ROB in lieu of LC No.273 at Km.815/200-300 in bet. Nileshwar and Kanhangad Rly stns.	Kasaragod
12	2015-16	323	265	ROB	PGT Divn: Pro 2L ROB in lieu of LC No.265 at Km.792/600-700 in between Payyanur and Trikarpur Rly Stns	kasaragod
13	3 2015-16	324	267	ROB	PGT Divn: Pro 2L ROB in lieu of LC No.267 at Km.795/500-600 in bet Trikarpur and Charvattur Rly Stns.	kasaragod

1	4 :	2015-16	328	205		PGT Divn: Pro 2L ROB in lieu of LC No.205 at Km.691/400-500 in bet Quilandi and Tikkotti Rly Stns	Kozhikode
	.5	2015-16	332	11		Pro 2L ROB in lieu of LC No.11 at Km.13/8-9 in bet Tripunithura Mulanthuruthi Rly Stns.	Erna kulam
	16	2015-16	334	26	ROB	TVC Divn: Pro 2L ROB in lieu of LC - No.26 at Km 39/13- 14 in bet Ollur - and Pudukad Rly Stns	Thrissur
•	17	2015-16	335	574	ROB	Pro 2L ROB in lieu of LC No.574 at Km.203/13-14 in bet Kollam and Thiruvananthapuram Rly Stns	Thriuvananthapuram
	18	2015-16	338	291	ROB	PGT Divn: Pro 2L ROB in lieu of LC No.291 at Km.868/700-800 in bet Manjeshwar and Ullal Rly Stns	Kasaragod
	19	2015-16	5 339	204	ROB	PGT Divn: Pro 2L ROB. in lieu of LC No.204 at Km.690/600-700 in between Quilandi and Tikkotti Rly Stns	kozhikode
•	20	2015-1	6 357	543	ROB	ROB in lieu of LC No.543 at Km.157/200-300 in	kollam

					bet K May	ollam and yanad Rly Stns			
21	2016-17	381	156	ROB	of L Km. betv KAl PAI Rai PAI	2L ROB in lieu C No.156 at 523/22-24 in veen NJIKODE and GHAT JN Ilway stations of LAKKAD		lakkad	
22	2016-17		211	ROB	of Kn be TI V/ R: st P/ D	2L ROB in lieu LC No.211 at in. 701/600-700 in tween KKOTTI and ADAKARA ailway ations of ALAKKAD division 2L ROB in lieu of LC No.61 at Km.132/14-15 in the tween KARUNAGAPAL	u	Kollam	
						and SASTHAMKOT Rly Stns of Thiruvananthapu Division	ГΑ		
	24 2016	5-17 3	94 2	227 R	ОВ	Pro 2L ROB in 1 of LC No.227 a Km. 731/100-20 between JAGANNATH TEMPLE GATE and TELLICHERR Railway station PALAKKAD Division	t 0 in .Y		

l.	1	ļ	1		1	1				
25	2	016-17	395	224	R	ОВ	of Km bet TE Ra PA	2L ROB in lieu LC No.224 at n. 728/300-400 in tween MAHE and LLICHERRY filway stations of LAKKAD	Kar	nnur
20	б	2016-17	398	28	3	ROB	of Ki be an st P	to 2L ROB in lieu LC No.283 at m. 840/300-400 in etween Kasaragod and Kumbla Railway ations of ALAKKAD		saragod
	27	2016-1	7 400	-7		ROB	o k t	Pro 2L ROB in lieu of LC No.7 at Km. 81/800- 900 in between Changanaseri and Thiruvalla Railway stations of Thiruvananthapuran Division		Lottayam
	28	2016-1	17 401		549	RO	- 1	PRO 2L ROB in lieu of LC.No 549 at . 162/000-100 in between Kollam in and Mayyanad Railway stations of Thiruvananthapura	ı	o llam
•	29	2016-	17 40	2	558	RC	ЭB	Pro 2L ROB in lie of LC No.558 at Km. 177/800-900 between Paravur and Varkala Shivagiri	in	Thriuvananthapuram

]]	Railway stations	
30	2016-17	404	218		Pro 2L ROB in lieu of LC No.218 at Km. 722/400-500 in between VADAKARA and MAHE Railway stations of PALAKKAD Division	Koz hikode
31	2016-17	408	190	ROB	Pro 2L ROB in lieu of LC No.190 at Km. 670/000,100 in between WEST HILL and ELATTUR Railway stations of PALAKKAD Division	Kozhikode
32	2017-18	422	128	ROB	Pro 2L ROB in lieu of LC No.128 at Km. 89/600-700 in between Harippad and Cheppad Railway stations of Thiruvananthapuran Division	Alapuzha
33	3 2017-1	8 423	266	ROB	Pro 2L ROB in lieu of LC No.266 at Km. 793/300-400 in between Payyanur and Charvattur Rhy Stns of Palakkad Division	
. 3	4 2017-1	8 426	189	ROE	Pro 2L ROB in lieu of LC No. 189 at Km. 669/700-800 at WEST HILL Yard Railway	Kozhikode

					stations of Palakkad division	
35	2017-18	429	25	ROB	Pro 2L ROB in lieu of LC No.25 at Km. 38/900- 39/000 in between Trichur and Ollur Railway stations of Thiruvananthapuram Division	Thrissur
36	2017-18	430	6	ROB	Pro 2L ROB in lieu of LC No 6 at Km. 233/100-200 in between Nemam and Neyyatinkara Railway stations of Thiruvananthapuram Division	Thriuvananthapuram
37	2017-18	441	33	ROB	Pro 2L ROB in lieu of LC No.33 at Km. 51/600-700 in between Pudukad and Irinjalakuda Railway - stations of Thiruvananthapuram Division	Thrisur
38	2017-18	442	32	ROB	Pro 2L ROB in lieu of LC No32 at Km. 50/100-200 in between Pudukad and Irinjalakuda Railway - stations of Thiruvananthapuram Division	Thrisur
39	2017-18	443	28	ROB	Pro 2L ROB in lieu of LC No.28 at Km. 106/300-400 in between Chengannur and Mavelikkara	Alappuz ha

ı	1 1	1		Railway stations of
1	1			Railway stations of Thiruvananthapuram
	1		1	Division
1			i	

By order of

the Governor

SREEKALA DEVI R SPECIAL SECRETARY

To:- The Managing Director, RBDCK, Thiruvananthapuram.

The Chief Bridge Engineer, Constructions, Southern Railway,
Thiruvananthapuram.

The CEO, KIIFB, Thiruvananthapuram.

The Principal Accountant General (Audit/A&E), Kerala,
Thiruvananthapuram
Information Officer (Web& New Media)

SF/OC

Forwarded/By order

, set.

Section officer



GOVERNMENT OF KERALA

<u>Abstract</u>

Public Works Department-Construction of Road Over Bridge/Road Under bridges by availing fund under KIIFB 2018-19-In-Principle Sanction accorded-Modified-Orders issued

PUBLIC WORKS(D)DEPARTMENT

G.O.(Rt)No. 771/2018/PWD Dated, Thiruvananthapuram, 27/04/2018

Read: 1 1.Minutes of the Meeting held by Chief Secretary on 03.04.2018

2 G.O(Rt) 718/2018 /PWD dated 19.04.2018

ORDER

As per the G.O read above, In-Principle Sanction was accorded for the construction of 39 ROB/RUBs included in the various Railway Work Programmes and announced in the Budget Speech 2018-19 by availing funds under KIIFB 2018-19.

The above 39 ROBs already sanctioned are those whose GADs were not approved. There are 3 more ROBs as detailed below included in the various Railways Works Programmes and announced in the Budget Speech 2018-19 whose GADs have already been approved. Hence Government are pleased to accord In-Principle Sanction for the construction of the following 3 ROBs also which are included in the various Railway Work Programmes and announced in the Budget Speech 2018-19 for an amount of Rs.68 crores only (Rupees Sixty Eight Crores only) by availing fund from Kerala Infrastructure Investment Fund Board (KIIFB) 2018-19. The Roads & Bridges Development Corporation Ltd (RBDCK) is designated as the Special Purpose Vehicle (SPV) for executing these projects.

SI.No	Year of Sanction	Pink Book 2017- 18 No.	LC.No	ROB/RUB	Name Work	of	District
					Shoranur Nilambur section:	ROB	

1	2012-13	263	4	ROB	in lieu . LC No.4 at km.10/300- 400 in between Shomur and Angadipuram stations.	Palakkad
2	06-07	146	554	ROB	ROB in lieu of LC.No.554 @ km168/400-500 in between Paravur and Kappil stations in QLN -TVC section	Kollam
3	02-03	124	185	ROB	ROB in lieu of LC No. 185 (Amalapuri) @ km.666/100-200 on Calicut corporation Road in between Calicut - West Hill stations	Kozhikkode

In lieu of LC.No.25, a limited use sub way has already been constructed and commissioned. Therefore LC.No 25 included as serial number 35 in the Government Order read above is hereby deleted.

The GO read above stands modified to the above extent only.

By order of the Governor SREEKALA DEVI R SPECIAL SECRETARY

To:- The Managing Director,RBDCK,Thiruvananthapuram.
The Chief Bridge Engineer, Constructions, Southern Railway, Thiruvananthapuram.
The CEO, KIIFB, Thiruvananthapuram.
Principal Accountant General(Audit/A&E),Thiruvananthapuram.
Information Officer (Web&New Media)
SF/OC

Forwarded/By order

ر جوال Section officer



Abstract

Public Works Department – Infrastructure Development Works – Stimulus Package – Implementation of Projects – Funding by the Kerala Infrastructure Investment Fund Board (KIIFB) – Administrative Sanction accorded - Orders issued.

PUBLIC WORKS (D) DEPARTMENT

G.O (Rt) No.1324/2016/PWD

Dated, Thiruvananthapuram, 27.09.2016

Read:. 1) GO (Ms) No.315/2016/Fin dated, 08.08.2016.

2) Letter No.RBDCK/Corres – GoK/Vol.V/1318 dated, 27.08.2016 and Lr.No.RBDCK/Corres – GoK/Vol.V/1319 dated, 27.08.2016 from Managing Director, Roads and Bridges Development Corporation Ltd, Ernakulam.

ORDER

As per the Government order read above procedures for implementing infrastructure developments in the State by availing financial assistance from KIIFB were issued. The Managing Director, Roads and Bridges Development Corporation Limited (RBDCK) as per letters read above submitted a proposal for the construction of 18 Rail Over Bridges (ROBs), 20 Bypasses and 13 Fly Overs/ Underpasses for a total amount 1005 Crore for Administrative Sanction, as part of arranging infrastructure development works using funds from Kerala Infrastructure Investment Fund Board (KIIFB) during the current financial year.

- 2. Government have examined the proposal in detail and are pleased to accord Administrative Sanction for the works in the list appended, for a total amount of ' 1005 Crore (Rupees One Thousand Five Crore) for availing funds under Kerala Infrastructure Investment Fund Board (KIIFB).
- 3. The Roads and Bridges Development Corporation Ltd (RBDCK) will prepare DPRs for the aforesaid works. The DPRs will be prepared with new technologies and with new road planning as already envisaged. These DPRs will be prepared on need based and there should be objectivity and proper application of mind by the field Engineers while preparing the DPR.
- 4. The RBDCK will be the Special Purpose Vehicle (SPV) for executing these works. The RBDCK will submit the DPRs so prepared before KIIFB for necessary approval for allocation of fund for the projects.

By Order of the Governor, SUBRATA BISWAS RETARY TO GOVERNMENT

ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

, To

The Chief Engineer (NH)/(R&B), Thiruvananthapuram.

The Managing Director, Roads and Bridges Development Corporation Ltd.

The Joint Fund Manager, Kerala Infrastructure Investment Board, 4th Floor, India
Heights, Govt.Women's College Road, Vazhuthacaud, Thycaud.P.O,
Thiruvananthapuram - 695014

The Principal Accountant General (Audit)/(A&E), Kerala, Thiruvananthapuram Finance Department

Information Officer (Web & New Media) SF/OC.

Forwarded//By Order

Sd/-

Section Officer

Copy to : Addl.PS to Minister (Works & Registration) PS to Addl. Chief Secretary (Public Works Department) APPENDIX

List of Rail Over Bridges

SI.	Name of Project	District	Constituency	Budget Details	Amount (in Crores)
No 1	Chelery – Chettippadi Railway Over Bridge	Malappuram	Parappanangadi	Budget speech (2016-17) Para No.138 (Sl.No.1)	10
2	Guruvayoor – Kizhakkenada Railway Over Bridge	Thrissur	Guruvayoor	Budget speech (2016-17) Para No.138 (Sl.No.2),	25
3	Akathethara – Nadakkavil Railway Over Bridge	Palakkad	Malampuzha and Palakkad	Budget speech (2016-17) Para No.138 (Sl.No.3)	25
4	Purayur Railway Over Bridge	Ernakulam	Aluva	Budget speech (2016-17) Para No.138 (SI.No.4)	
5	Kariyannur Railway Over Bridge	Palakkad	Thrithala	Budget speech (2016-17) Para No.13 (Sl.No.5)	10

6	Chirangara Railway Over Bridge	Thrissur	Chalakkudy	Budget speech (2016-17) Para No.138 (SI.No.6)	20
7	Vaduthala Railway Over BRidge	Ernakulam	Ernakulam	Budget speech (2016-17) Para No.138 (SI.No.7)	35
8	Idava Railway Over Bridge	Thiruvananthapuram	Varkala	Budget speech (2016-17) Para No.138 (SI.No.8)	15
9	Kundara Pallimukkil Railway Over Bridge	Kollam	Kundara	Budget speech (2016-17) Para No.138 (SI.No.9)	10
10	Vadanakkurissi Bridge	Palakkad	Pattambi	Budget speech (2016-17) Para No.138 (Sl.No.10)	10
11	Maliyekkal Railway Over Bridge	Kollam	Karunagappilly	Budget speech (2016-17) Para No.138 (SI.No.11)	25
12	Puthukkad Railway Over Bridge	Thrissur	Puthukkad	Budget speech (2016-17) Para No.138 (Sl.No.12)	40
1	3 Chirayinkeezhu Railway Over Bridge	Thiruvananthapuram	Chirayinkeezhu	Budget speech (2016-17) Para No.138 (SI.No.13)	
1	4 Atlantis Railway Over Bridge	Ernakulam	Ernakulam	Budget speech Para No.138 (SI.No.14, 2016-17)	50 :
•	15 Kottikulam Railwa Over Bridge	Kasargod	Uduma	Budget reply speech (2016-17) Para No.37 (SI.No.1)	10

16	Iravipuram Railway Over Bridge	Kollam	Iravipuram	Budget reply speech (2016-17) Para No. 37 (SI.No.2)	20
17	Thanoor Town – Theyyala Railway Over Bridge	Malappuram	Thanur	Budget reply speech (2016-17) Para No.37 (Sl.No.3)	20
18	Thalassery – Koduvally Railway Over Bridge	Kannur	Thalassery	Budget reply speech (2016-17) Para No.37 (Sl.No.4)	20
		List of	Bypass	*	
1	Makarapparambu bypass	Malappuram	Mankada 	Budget speech (2016-17) Para No.135 (Sl.No.1)	10
2	Koduvayoor Bypass	Palakkad	Chittoor	Budget speech (2016-17) Para No.135 (SI.No.3)	15
3	Nenmara Bypass	Palakkad	Nenmara	Budget speech (2016-17) Para No.135 (SI.No.4)	20
4	Pandalam Bypass	Pathanamthitta	Pandalam	Budget speech (2016-17) Para No.135 (Sl.No.5)	15
5	Muvattupuzha Bypass	Ernakulam	Muvattupuzha	Budget speech (2016-17) Para No.135 (Sl.No.6)	15
6	Kanjirappalli Bypass	Kottayam	Kanjirapplly	Budget speech (2016-17) Para No.135 (Sl.No.7)	20
7	Kasargode Bypass	Kasargod	Kasargod	Budget	20

				speech (2016-17) Para No.135 (Sl.No.8)	
В	Oradumpalam – Vylongara Bypass Road	Malappuram	Mankara and Perinthalmanna	Budget speech (2016-17) Para No.135 (SI.No.8)	10
9	Uzhavur Bypass	Kottayam	Kaduthuruthy	Budget speech (2016-17) Para No.135 (Sl.No.10)	15
10	Kuttiyadi Bypass	Kozhikode	Kuttiyadi	Budget speech (2016-17) Para No.135 (SI.No.11)	10
11	Chelakkara Bypass	Thrissur	Chelakkara	Budget speech (2016-17) Para No.135 (Sl.No.12)	20
12	Perambra Bypass	Kozhikkode	Perambra	Budget speech (2016-17) Para No.135 (SI.No.13)	15
13	Ottappalam Bypass	Palakkad	Ottappalam	Budget speech (2016-17) Para No.135 (Sl.No.15)	15
14	Angamaly – Kochi Airport	Ernakulam	Angamaly	Budget speech (2016-17) Para No.135 (SI.No.16)	50
15	Keecheri – Akkikkavu Bypass	Thrissur	Vadakkanchery	Budget speech (2016-17) Para No.135 (Sl.No.17)	10
16	Pandaraparambu Undodikkadavu Bypass	Kozhikkode	Kunnamangalam	Budget reply speech (2016-17)	10

				Para No 34 (Sl.No.1)	
17	Thamarassery Bypass	Kozhikkode	Koduvali	Budget reply speech (2016-17) Para No.34 (SI.No.2)	20
18	Perumbavoor Bypass	. Ernakulam	Perumbavoor	Budget reply speech (2016-17) Para No.34 (SI.No.3)	20
19	Karunagappalli Bypass	Kollam	Karunagappalli	Budget reply speech (2016-17) Para No.34 (SI.No.4)	20
20	Ponmundam Bypass 3 rd reach	Malappuram	Tirur	Budget reply speech (2016-17) Para No.34 (Sl.No.5)	15

List of Flyovers/Underpass

		List of thyovers/	Chacipado		
1	Edappal Flyover	Malappuram	Thavanur	Budget speech (2016-17) Para No.134 (Sl.No.1)	20
2	Flyovers at Melechova and South Bazar junctions in Kannur Town	Kannur	Kannur	Budget speech (2016-17) Para No.134 (Sl.No.3)	30
3	Fly overs at Kizhakkekkotta and Kokkayil junctions in Thrissur Town	Thrissur	Thrissur	Budget speech (2016-17) Para No.134 (SI.No.4)	75
4	Ettumanoor Fly over	Kottayam .	Ettumanoor	Budget speech (2016-17) Para No.134 (Sl.No.5)	30
5	Pattambi Bypass – Pattambi town Railway under passage	Palakkad	Pattambi	Budget speech (2016-17) Para No.134 (SI.No.6)	10
6	Underpassages at	Thiruvananthapuram	Vattiyoorkavu	Budget	10

	Peroorkada Junction			speech (2016-17) Para No 134 (SLNo.7)	
7	Ochira Rail Underpass	Kollam	Karunagappilly	Budget speech (2016-17) Para No.134 (SI.No.8)	20
8	Koduvalli Siraj Flyover	Kozhikkode	Koduvalli	Budget reply speech (2016-17) Para No.36 (SI.No.1)	20
9	Calicut Airport Junction Flyover	Malappuram	Kondotty	Budget reply speech Para (2016-17) No.36 (SI.No.2)	20
10	Kodumanda Flyover	Palakkad	Pattambi	Budget reply speech Para (2016-17) No.36 (Sl.No.3)	10
11	Ayathil Junction Flyover	Kollam	Iravipuram	Budget reply speech (2016-17) Para No.36 (Si.No.4)	20
12	Kundannur Flyover	Ernakulam	Thripunithura	Budget reply speech (2016-17) Para No.36 (SI.No.5)	20
13	Thiruvananthapura m Sreekaryam Flyover	Thiruvananthapuram		Budget reply speech Para (2016-17) No.36 (SI.No.6)	10



GOVERNMENT OF KERALA

Abstract

Public Works Department – Budget Speech 2017-18 – Implementation of Projects to be taken up by availing funds under Kerala Infrastructure Investment Fund Board (KIIFB) – In Principle Administrative Sanction - Accorded - Orders issued.

PUBLIC WORKS (G) DEPARTMENT

G.O.(Rt) No. 942/2017/PWD. Dated, Thiruvananthapuram, 10.07.2017 Read:- 1) G.O. (Rt) No. 596/2017/PWD dated 04.05.2017.

- 2) G.O(Rt) No. 616/2017/PWD dated 10.05.2017.
- 3) Letter Nos. CE/R&B/GL-KIIFB/2017-18 dated 06.06.2017 & 14.06.2017 from the Chief Engineer(Roads & Bridges), Thiruvananthapuram.

ORDER

It has been announced in the Budget Speech 2017-18 as detailed below that KIIFB will invest an amount of Rs. 18,185 Crore for the development of Hill Highway, Coastal Highway, various Road Corridors, Bridges, Flyovers etc. under Public Works Department.

Sl. No. Name of Work		Estimate Amount (Rs. In Crore)
1	Hill Highway	3500
<u> </u>		6500
2	Coastal Highway	5628
3	182 roads	
4	69 Bridges & Flyovers	2557
		TOTAL 18185

(2) In the Reply Speech 2017-18, certain corrections / substitution / deletion were made in the list of works under PWD referred in Para 156 & 157 of

Budget Speech 2017-18. Among the Road works in Para 156, Sl. No. 162 & 175 are repeated twice and hence Sl. No. 162 was removed from the list. The work "Karettu-Kallambalam road" in Sl. No. 113 of Para 156 of Budget Speech 2017-18, has been replaced with Drinking Water Projects in Pulimathu, Nagaroor and As per Government Order read as 1st paper above Karavaram: Villages. Administrative Sanction was accorded for the work "Kundannur Flyover" (Sl. No. 34, Para 157 of Budget Speech 2017-18) & as per Government Order read as 2nd paper above in-principle sanction was accorded for the work "Vyttila flyover" (Sl. No. 48, Para 157 of Budget Speech 2017-18) and the amount for the work "Bridge connecting Kurunkotta Island with Cochin Corporation" (Sl no. 69, Para 157 of Budget Speech 2017-18) amount has been cut short by Rs. 10 Crore. Hence the total number of Bridges/ROBs/Flyovers decreases from 69 to 67 and the total amount falls from Rs. 2557 Crore to Rs. 2345 Crore. In case of road works, Sl No. 162 has been deleted and the work in Sl. No. 113 of Para 156 has been substituted and the total number of Road works decreases from 182 to 180 and the total amount falls from Rs. 5628 Crore to Rs. 5583 Crore.

- (3) As per letters read above, the Chief Engineer, PWD (Roads & Bridges) has requested to accord in principle sanction for the works to be taken up under KIIFB funding.
- (4) Government have examined the matter in detail and are pleased to accord in-principle Sanction for the development of Hill Highway, Coastal Highway, Improvements of 180 Road works and 67 Bridges & Flyovers as detailed below under Public Works Department for an amount of Rs. 17,928 Crore (Rupees Seventeen Thousand Nine Hundred and Twenty Eight Crore only) to be taken up under Kerala Infrastructure Investment Fund Board (KIIFB) funding.
- (5) The Kerala Road Fund Board (KRFB) will be the Special Purpose Vehicle (SPV) for arranging the Roads & Bridges works and Roads and Bridges Development Corporation of Kerala Ltd. (RBDCK) will be the Special Purpose Vehicle for executing ROB's and Flyovers. Hill highway and Coastal Highway will

also be implemented by Kerala Road Fund Board and will be executed through Roads & Bridges and National Highway wings of Kerala Public Works Department respectively.

SI. No	. Name of Work	Estimate Amount (Rs. In Crore)
1	Hill Highway	3500
2	Coastal Highway	6500
3	180 roads (List appended as Annexure I)	5583
4	67 Bridges & Flyovers (List appended as Annexure II)	2345
	TOTAL	17928

(By Order of the Governor), R. SREEKALADEVI SPECIAL SECRETARY TO GOVERNMENT

To

The Chief Engineer, PWD (Roads & Bridges) / National Highways, Thiruvananthapuram.

The Chief Executive Officer, Kerala Road Fund Board, TC 4/1654, Mayooram, Belhaven Gardens, Kowdiar Post, Thiruvananthapuram – 695003.

The Project Director, PMU- Kerala Road Fund Board, TC 4/1654, Mayooram, Belhaven Gardens, Kowdiar Post, Thiruvananthapuram – 695003.

The Managing Director, Roads & Bridges Development Corporation of Kerala, Preethy Buildings, 2nd Floor, Palarivattom, Kochi.

The Joint Fund Manager, Kerala Infrastructure Investment Fund Board, 4th Floor, India Heights, Govt Women's College Road, Vazhuthacaud, Thycaud P.O, Thiruvananthapuram - 695014.

The Accountant General (A&E)/(Audit), Kerala, Thiruvananthapuram.

The Finance Department.

The Public Works (D/H/PS) Department

Stock File/Office Copy/Website.

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Section Officer.

Copy to: PS to Hon'

PS to Hon'ble Minister (Works & Registration)

PA to Special Secretary (PWD)

-9-<u>Annexure -II</u>

Sl. No.	Name of Work	Estimate Amount (Rs. in Crore)
	Over Bridge in Cherppulasseri Town	30.00
1	Irimpothingalkadavu Regulator Bridge	36.00
2	Kummallur Bridge	12.00
3	Kummaitur Bridge Kanankattukadavu Bridge	50.00
4		50.00
. 6	Koyur-Ongallur Bridge Nandikkara Railway Over bridge Construction	80.00
7	Narathu Kallurikadavu-Pappinisseri Kallaurikadavu Bridge	25.00
. 8	Pathanamthitta Aban Junction Over bridge	50.00
9	Pallippad - Kodunthar - Melpadam Bridge	30.00
10	Renovation of Pazhayangadi Bridge	35.00
11	Parapram Regulator	50.00
12	Parakkoottam Bridge	25.00
	Pizhala – Kadamakkudi Bridge	40.00
13	Nayarthodu Bridge in Purathur Panchayat	48.00
14	Puthiyapalath Valiyapalam	60.0
15	Farook Railway Over bridge Approach Road	30.0
16	R C B in Bharathapuzha Kankadavu	75.0
17	K C B in Bharadhapazara	25.0
10		10.0
19	Mannarkundu Bridge	20.0
20	Arinallur – Peringalam Bridge	
21	Malappuram Police Station Kizhakkethala Chethupalam Flyover	50. 160.
22	Azhikode - Munambam Bridge	· 15.
23	Chotta Palam in Muliyar Panchayat	15
24	Arali Kadavu Bridge	15
25	Construction of Ilavoor Bridge	20
26	Uttara Bridge & Uttara Railway Over bridge	30
27	Vathuruthi Over bridge Construction	20
28	Kamba – Chalikadavu Bridge	10
. 29	Kalpetta Chuzhali Bridge	4(
30	Kanhangad Flyover	
31	Kizhakkumbhagam – Ummanchira Mini Regulator cum Br	idge 20

32	Foot Foot Managered (Attaleulan gove) Figure	76.00
33	East Fort – Manacaud (Attakulangara) Flyover Kubanoor Bridge	30.00
	Rubanoor Bridge	10.00
34	Kurundhattil Bridge, Up-gradation of approach Road	25.00
. 35	Kungal – Anchuvadi Bridge	17.00
36	Kundoor – Kuthiyathode Bridge	25.00
37	Mambrakunnel Railway Over bridge in Krishnapuram Grama Panchayat	60.00
38	Kadathuruthi Railway Over bridge	30.00
39	Kadavanad Kolakodan Bridge	20.00
40	Bridge across Chavakkadu Kanoli Canal Bridge	40.00
41	Construction of Flyover at Railway Junction in Changanacherry Bye-pass	90.00
42	Vadookkara Railway Overbridge	30.00
43	Ponnani Harbour – Padinjarekara Bridge	100.00
44	Railway Bridge Mayyanad - Mayyanad PWD Road	50.00
45	Bridge in Vellayani Lake – Kakkamoola Bund Road	25.00
46	Bridge in Chettiyarazhikathkadavu	20.00
-47	Kottathara Dam Site Bridge	10.00
48	Fishing Harbour Bridge in Thanur Town	20.00
49	Construction of Regulator-cum-Bridge in Thiruvegappura Panchayat	16.00
50	Thirur - Chamravattom Road Over Bridge	50.00
51	East Ottappalam Kannyampuram Bridge	25.00
52	Bridge at Kattilkadavu in T S Canal	20.00
53	Puthiyakavu Chakkupalli Railway Over Bridge	30.00
54	Pulinkunnu Bridge	25.00
55	Construction of Munamel Kadavu - Society Kadavu Bridge	50.00
56	Kallumthazham Junction Over Bridge	50.00
57	Pattambi Bridge	30.00
58	Chathankari Concord Bridge	15.00
. 59	Kuthiramunambhu Manakavu Bridge	15.00
60	Muttel Bridge	15.00
61	Naderikadavu Bridge	20.00
62	Perincheri-RCB	58.00
63	Kakkathuruthu Bridge	20.00

-11-

67	Bridge connecting Kurunkotta Island with Cochin	00.00
66	Chamaravattam Bridge	60.00
65	Kuruppanthara Railway Overbridge	33.00
64	Mulakizhikadavu Bridge	25.00

	2016-2017			
ക്രമ നമ്പർ	പദ്ധതിയുടെ പേര്	ബഡ്ജറ്റ് പ്രസംഗ വിഹിതം (കോടി രൂപയിൽ)	ഡി.പി.ആർ. തുക	കിഫ്ബി അനവദിച്ച തുക (കോട രൂപയിൽ :
1	ചിറയിൻകീഴ് റെയിൽവേ മേൽപ്പാലം	10	26.21	25.08
2	തലശ്ശേരി-കൊടുവള്ളി റെയിൽവേ മേൽപ്പാലം	20	27.88	26,42
3	അകത്തേത്തറ റെയിൽവേ മേൽപ്പാലം	25	37.97	35.98
4	കൊട്ടികുളം റെയിൽവേ മേൽപ്പാലം	10	20.07	19.6
5	ഇരവിപൂരം റെയിൽവേ മേൽപ്പാലം	20	33.33	31.6
6	താനൂർ ടൗൺ - തെയ്യാല റെയിൽവേ മേൽപ്പാലം	20	33,06	31.31
7	ചേളാരി – ചെട്ടിപ്പടി റെയിൽവേ മേൽപ്പാലം	10	31,26	30.2
8	ഗുരുവായൂർ കിഴക്കേനട റെയിൽവേ മേൽപ്പാലം	25	24.55	23.45
9	പുതുക്കാട് ആർ.ഒ.ബി.	40	39.82	37.73
10	വാടാനംകറിശ്ശി റെയിൽവേ മേൽപ്പാലം	10	31.78	30.09
11	വടുതല റെയിൽവേ മേൽപ്പാലം	35	50.19	47.72
12	ചിറങ്ങര റെയിൽവേ മേൽപ്പാലം	20	21.08	19.96
13	മാളിയേക്കൽ റെയിൽവേ മേൽപ്പാലം	25	37.78	35.8
14	ഇടവ റെയിൽവേ മേൽപ്പാലം	15	26.65	25.23
15	കണ്ടറ പള്ളിമുക്ക് റെയിൽവേ മേൽപ്പാലം	10	28.9	27.39
16	പുറയാർ ആർ.ഒ.ബി.	10	47.55	45.67
17	കരിയന്നൂർ ആർ.ഒ.ബി.	10	39.84	
18	അറ്റ്ലാന്റിസ് ആർ.ഒ.ബി.	50	98.07	89.774
	2017-2018	<u></u>		
1	നന്തിക്കര റെയിൽവേ മേൽപ്പാലം	80	36.12	34.9
2	ഉട്ടറ പാലം & ഉട്ടറ റെയിൽവേ മേൽപ്പാലം	20	32.93	
3	വാത്തുരുത്തി മേൽപ്പാലം	30		-
4	കടുത്തുരുത്തി റെയിൽവേ മേൽപ്പാലം	30	20.38	19.33
5	പുതിയകാവ് ചക്കുപള്ളി റെയിൽവേ മേൽപ്പാലം	30	32.96	
6	കുറുപ്പുംതറ റെയിൽവേ മേൽപ്പാലം	33	31.57	30.56
7	കൃഷ്ണപുരം പഞ്ചായത്തിലെ മാമ്പ്രക്കുന്നേൽ ആർ.ഒ.ബി.	60	36.58	٠.
8	മയ്യനാട് പി.ഡബ്ല്യൂ.ഡി. റോഡിലെ മയ്യനാട് റെയിൽവേ മേൽപ്പാലം	50	29.07	25.945
9	കല്ലുംതാഴം ജംഗ്ഷൻ മേൽപ്പാലം	50	35,2	30.93
10	നെടുപൂഴ ആർ.ഒ.ബി.	30	35.42	31.042

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1	ഹൊസൻഗടി ആർ.ഒ.ബി.	22.51	42.08	
2	ഉദ്ദുമ ആർ.ഒ.ബി.	22.51		
3	കശാൽ നഗർ ആർ.ഒ.ബി.	22.51	35.97	
4	എടചക്കൈ – നടക്കാവ് ആർ.ഒ.ബി.	22.51		

5 20	ഞ്ചേശാർ – ഉദയവാർ റോഡ് ആർ.ഒ.ബി.	22.51		
6 (0)	ൂക്കരിപ്പ് - വളളപ്പ് ആർ.ഒ.ബി.	22.51		
	കാഴിക്കൽ ആർ.ഒ.ബി.	22.51		
8 1	റൂന്നോൽ ആർ.ഒ.ബി.	22.51		
9 Q	ട്ടമ്പൊയിൽ ആർ.ഒ.ബി.	22.51		
10 20)	ുച്ചക്കുന്ന് ആർ.ഒ.ബി.	22.5	36.82	
11 6	നല്ലിയാടിക്കടവ് ആർ.ഒ.ബി.	22.5		
12 വ	ശ്യോളി - കോട്ടക്കൽ ബീച്ച് റോഡ് ഗേറ്റ് ആർ.ഒ.ബി.	22.5		
13 (6)	രഴിയൂർ ആർ.ഒ.ബി.	22.5	30.28	
14 2	ചൂങ്കം ഗേറ്റ് ആർ.ഒ.ബി.	22.5	30.28	
15 බ	ടമ്പിൾ റോഡ് ആർ.ഒ.ബി.	22.5	38.39	
16 (3	നമലപുരി ആർ.ഒ.ബി.	22.66		
17 ब	വീരിച്ചേരി ആർ.ഒ.ബി.	22.51	36.47	28.23
	ഷവള ആർ.ഒ.ബി.	22,51		
19 · C	മാരു ഗ്ലാസ് അഗ്റ്റി (ഐ.ഐ.റ്റി. റോഡ്) ആർ.ഒ.ബി.	22.51	35,22	
20 63	ല്ലാൽ ഗേറ്റ്ആർ.ഒ.ബി.	22.66		
21 n	മസ്.എൻ.കോളേജ് ഗേറ്റ് ആർ.ഒ.ബി.	22.5		
22 6	മെനഗപ്പള്ളി ഗേറ്റ് ആർ.ഒ.ബി.	22.5		
23 റെ	പാളയതോട് – കോട്ടിക്കട റോഡ് ആർ.ഒ.ബി.	22.5		
24 0.	ചുന്നമൂട് ആർ.ഒ.ബി.	22.5		
25 G	വങ്കളം ഗേറ്റ് ആർ.ഒ.ബി.	22.51		
	ക്ലഗേറ്റ്ആർ.ഒ.ബി.	22.51		
27 d d	കണിയാപുരം റെയിൽവേ സ്റ്റേഷൻ റോഡ് ആർ.ഒ.ബി.	22,51		
28 (1	സർക്കാറ ആർ.ഒ.ബി.			
29 Ø	ഞ്ഞടി മൂട് ആർ.ഒ.ബി.	22.51		
30 6	വട്ട് റോഡ് ആർ.ഒ.ബി.	22.51	·.	
31 6	വാലരാമപുരം ആർ.ഒ.ബി.	22.51		
	വല്ലപ്പുഴ ആർ.ഒ.ബി.	22.66	24.38	23.28
33 n	എറണാകളം സൌത്ത് ആർ.ഒ.ബി. വൈഡനിംഗ് ആർ.ഒ.ബി.	22,51		_
1	കരീക്കാട് ആർ.ഒ.ബി.	22.51		
35 (1	നാലുകോടിആർ.ഒ.ബി.	22.51		
	ല്ലൂർ മെയിൻ ഗേറ്റ് ആർ.ഒ.ബി.	22.51		
	അലത്തൂർ ആർ.ഒ.ബി.	22.51	22.84	
38 6	നെല്ലായി ഗേറ്റ് ആർ.ഒ.ബി.	22.51		,
	കല്ലുമല ഗേറ്റ് ആർ.ഒ.ബി.	22.5	40.03	
	എഴുപുന്നആർ.ഒ.ബി.	22.5	32,44	
	നങ്ങ്യാർ കളങ്ങര – കാവല ഗേറ്റ് ആർ.ഒ.ബി.	22.5	38.97	37.28

n mass of 320/md

