

Planning, Programmes, Monitoring and Evaluation Department Report



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General Introduction

The Road Maintenance Fund Administration (RMFA) was established by an Act of Parliament in April 2010 charged with the responsibility of financing the maintenance of the National Road Network and to provide for other related matters.

Its overall objective is to effectively and efficiently administer and manage funds for maintenance of the entire road network in Sierra Leone.

Presently, funds are generated primarily from the Road Users Charges (RUC) which are; fuel levies, vehicle licenses fee, vehicle registrations fee, other license fees collected under the road traffic act of 2007, and any capital gains or profits made from investments.

Sierra Leone has a National Road Network (NRN) of 11,300 km, comprising Class A, Class B, and Class F roads. The Sierra Leone Roads Authority (SLRA) is the custodian of the NRN and has the responsibility to maintain the Class A and B roads; the maintenance of the Class F roads was devolved to the Local Councils. In addition, four (4) other MDA's are engaged in relevant road maintenance activities as approved by the RMFA Board in meeting the objectives of the RMFA. These MDA's include Ministry of Youth Affairs, Ministry of Social Welfare, Gender and Children Affairs, National Commission of Social Action and Masada.

One of the four pillars of Sierra Leone's nation development strategy is improving the road infrastructure in Sierra Leone. In response to this, government has scaled up efforts in improving the road infrastructure in recent years. Several roads linking district headquarter towns and feeder roads have been rehabilitated and re-constructed with the RMFA providing the required funds for the rehabilitation projects.

The RMFA presently seeks to secure a predictable flow of funds for road maintenance and rehabilitation activities that meet the basic needs and benefits of the road users such as;

- Lower vehicle operating cost and hence lower transportation charges, fares and tariff;
- Faster, reliable and safer roads;
- Improved access to essential services;
- Cheaper goods and market wares

Planning Programmes Monitoring and Evaluation Department (PPM&E)

In pursuit of its mandate, the RMFA is guided by the principle of “Value for Money (VFM)” which is defined as the optimum combination of whole-of-life costs and quality of the end result of the construction including related activities that meet the road user’s requirements.

The Planning Programmes, Monitoring and Evaluation (PPM&E) Department has the responsibility of ensuring that RMFA derives the maximum benefit, i.e. the best combination of cost and quality for all RMFA funded programmes.

The PPM&E Department is currently comprised of four staff namely;

1. Richmond S. Sesay – Director
2. Rugiatu Koroma – Acting Head of Monitoring and Evaluation
3. Alie M. Forna – Civil Engineer
4. Mohamed W. Timbo – Contract Civil Engineer

Objectives of the Department

The objectives of the Planning, Programmes, Monitoring and Evaluation Department include the following:

- i. To monitor the expenditure on funds disbursed for road maintenance programmes.
- ii. To evaluate the physical and financial performance of the designated road agencies against key performance indicators.
- iii. To monitor road network conditions, trends and assess the impact of value for money invested.
- iv. Identify the strengths and weaknesses of designated road agencies and generate action points to facilitate performance improvements.
- v. Prepare Monitoring and Evaluation reports and perform any other assignment as directed by the Board and/or the CEO.

Scope of Report

The RMFA has played a very important role in ensuring that projects it finances are executed within the required scope of works, and standards, and within the stated time frame.

In the period under review, this Department was engaged in scheduled periodic monitoring and reporting activities, providing important information on progress of funded projects to the Administration and our partners; and also, providing

recommendations for successful implementation of all projects.

Included in this report is a Qualitative and Quantitative evaluation with an input and output analysis of approved road maintenance programmes that were planned by the road/Implementing agencies for FY 2015. This report also highlights findings and evaluations of physical progress made on key planned activities as well as their financial performance. Implementation challenges, policy issues and recommendations are also outlined.

Allocations to Designated Road Agencies

A total of SLL 113bn was budgeted by the RMFA for all road maintenance activities for FY 2015. Seventy percent (70%) of this amount was allocated to finance road maintenance activities for the core road network across the country, 20% was allocated to the maintenance of feeder roads and the remaining 10% is accounted for as operational expenses for the Administration (see chart 1 below).

Road agencies prioritize required maintenance intervention, to achieve maximum impact and value for money.

Chart 1.1

Disbursement Procedures

Disbursements to the road agencies are made on the basis of an approved program. Accountabilities for the funds disbursed are submitted through progress reports and measured works certificates. This is followed by a desk review of the project documents and joint monitoring & evaluation field visits to the project site(s) to verify actual work done against planned works.

Report

During this year 2015, the Road Maintenance Fund Administration approved activity based programmes and disbursed fund for programmes are outlined below. These programmes, whether done by Local Councils or other MDA's are supervised by the Sierra Leone Roads Authority who are the custodians of the entire road network.

Programme Funded by Road Maintenance Fund Administration in 2015

Item no.	Description of Programme	Programme Cost(SLL)
1	First Quarter Routine Maintenance Activities	1,243,164,500.00
2	Premix Patching of selected Roads in Freetown	2,603,529,126.00

3	Rehabilitation/Maintenance of fourteen ferries across the Country Maintenance	2,349,651,000.00
4	Third Quarter Routine Maintenance across the country	2, 094,063,700.00
5	Maintenance of High way Bridges	348,710,200.00
6	Periodic Maintenance across the country (carried over 2014/2015)(Construction of bridges, Culverts, Drains)	9,390,746,679.40
7	Carried Over Programmes With Major projects such as rehabilitation projects; rehabilitation of Sir Samuel Lewis Road, Asphaltic overlay of 33 Streets within Freetown, rehabilitation of Kissy Road, Fourah Bay Road, Macauley street & Mountain Cut, Rehabilitation of Police Training School Road Ways. Spot improvement at Pendembu – Kailahun, Reconstruction of King Jimmy Bridge and Embankment	

Nineteen Local Council s

8	Feeder Roads Maintenance Programme 2015	22,600,000,000.00
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Other MDA's implementing road related Activities

9	Drainage cleaning nationwide by the Ministry of Youth Affairs (MoYA)	12,000,000,000.00
10	Street Sweeping by Ministry of Social Welfare, Gender and Children Affairs(MSWGGA)	1,400,000,000.00
11	CARTING away of debris and rubbish by Masada	611,000,000.00
12	National Commission for Social Action(NaCSA)	576,664,402.41

Sierra Leone Roads Authority (SLRA) Road Maintenance Programme

The SLRA submitted Road Maintenance Programme for Fiscal Year 2015 in November 2014. After several review from the PPM&E Department and Consultant, CEMMATS Group Limited, it was agreed that the document required further input from the SLRA in the form of additional data/ information.

The SLRA could not provide this additional information and in the absence of the required authentic and reliable data/information the process was not concluded. Therefore, the RMFA did not accept the submitted Programme for 2015 noting that

the programme/budget was based on an old unrealistic data.

As a way forward, the following recommendations were made to RMFA by the Consultant, CEMMATS Group Limited and were discussed and agreed by the SLRA:

- SLRA should submit quarterly programmes reflecting on Works Description in their submitted Road Maintenance Programme for 2015; Additional Works Description should be raised in subsequent discussions between the RMFA, CEMMATS and SLRA for maintenance activities to avoid delays and further deterioration to the road network;
- To make the Pavement Maintenance Management System fully operational; which should be an integral system for budgeting and monitoring road network condition that will be used in the preparation of Road Maintenance programme 2016. This will also aid in the preparation of short, medium and long term maintenance plan/programmes/budget that will be a more realistic and professional programme that addresses the Road maintenance needs in the country.

Evaluation Report

Physical progress/Performance

The physical progress for these projects can be rated as fairly satisfactory. Delay in the project implementation has been a challenge to their success.

Financial Progress

All other projects as listed above have been paid for in full except for the following;

Description of projects	Financial progress
Asphaltic overlay of selected street within Freetown	77%
Reconstruction of King Jimmy Embankment and Drainage works	72%
Addendum to King Jimmy Embankment	
Rehabilitation of Kissy Road Fourah Bay Road, Mountain Cut & Macauley Street	61%
Rehabilitations of PTS road ways	93%

Summary of Carried Over Programmes

A total of 16 projects were carried over from 2013/2014 to 2015;

Item No.	Name of Project	Project status as of 03/2016
1	Asphaltic overlay of selected street within Freetown	Substantially completed Remedial works is still ongoing.
2	Reconstruction of King Jimmy Embankment and drainage works	Remedial works is ongoing
3	Rehabilitation of Sir Samuel Lewis Road	Completed

3b	Addendum to King jimmy Embankment	Ongoing
4	Rehabilitation of Kissy Road Fourah Bay Road, Mountain Cut & Macauley Street	Substantially Completed
5	Construction of Looking Town Bridge	Payment for additional works was made in Feb. 2016 and works to bring this project to completion are ongoing.
6	Rehabilitation of Jalloh Terrace	Review of this project is ongoing between SPU and SLRA
7	Rehabilitation of road way at the Police Training School	All works completed.
8	Rehabilitation of Lebanon to Kainsay Road, Kono	Works are ongoing
9	Drainage Extension Off Cape Road, Aberdeen	SLRA have been advised to terminate this contract
10	Drainage Works & repairs along Kroo Bay Road	SLRA have been advised to terminate this contract
11	Drainage construction works along Maboreh.	Works is substantially completed,
12	Construction of side drains and Vehicular slabs along Hooke Street, Kissy	All works is completed
13	Construction of side drains and vehicular slabs along Tejan Street	All works completed
14	Construction of side drains and vehicular slabs along Metzeger Street	All works completed
15	Emergency Spot Improvement along Melekuray, Royanka, Portloko	Substantially completed
16	Technical Audit Consultancy between GoSL and Bowling International and FMC & Associates	Completed and report was submitted in Feb 2015
17	Drainage clearing implemented by Ministry of Youth Affairs(MoYA)	2014 programme was completed in March 2015

Routine Maintenance Activities (Programme One) Implemented in April

In December 2014, the Administration allocated to the SLRA an amount of SLL10bn for routine maintenance activities for the first quarter of 2015. A programme was submitted by the SLRA in February 2015 and approval was given by the RMFA. Contract documents & request for payment were received on 31st March 2015. Implementation of works commenced in April 2015 and was completed in July 2015.

Reports were received from the SLRA in September 2015.

A total of 1.6bn was utilized for routine maintenance activities and the balance was used for other recurrent and periodic maintenance.

A summary of the road activities stated in SLRA work programme for the first quarter 2015 versus the actual work done is shown below:

	Planned / Approved Maintenance Activities	Performance rating using KPI set by the SLRA on Actual programme achieved for 2015
1	Drainage and Surface Clearing	All works done on this activity was satisfactory.
2	Maintenance of drainage structures	Construction of some drains is still ongoing.
3	Brushing	The implementation of this activity was fairly satisfactory.
4	Bridge/Culvert Construction and Maintenance	The SLRA during this period initiated the construction of seven (7) culverts and one bridge. Construction works on culvert are in progress. These works should have been completed since June 2015. The bridge would have completed in December 2015
5	Premix patching	A total sum of SLL2.3bn was spent on premix patching works and supply of Bituminous products. Implementation was done in April 2015 and it was satisfactory.

Activities Executed

Surface /Drainage clearing

Evaluation report

Physical progress

The performance of this activity for this period was rated as satisfactory; however, there is need to increase the frequency of this activity for its objectives to be met. Value for money was achieved for this implementation.

Financial Progress

100% payment for all works as stated below have been executed

Summary of Drainage Clearing:

Item	Name Of Road	Contract Value (SLL)
1	Aberdeen Ferry Road & Murray Town Road - Lot 1	32,418,750.00
2	Main Motor Road , Congo Town - Lot 2	37,440,000.00
3	Main Motor Road , Congo Town - Lot 3	37,830,000.00
4	Old Railway line, Brookfields - ST. John - KingHarman Rd)/ Old Railway Line , Tengbeh Town-Lot 4	63,700,000.00
5	Kingtom bridge Environs (Kroo Town Road - King tom Bridge - Syke street) Lot 5	31,850,000.00
6	Sanders Street and Savage Street Lot 6	34,667,500.00

7	Syke Street & Hannah Benka - Coker Street - Lot 7	24,700,000.00
8	Circular Road - Lot 9	47,287,500.00
9	Guard Street section 1 - Lot 10	46,800,000.00
10	Guard Street section 2 - Lot 11	47,775,000.00
11	Bai Bureh Road (Up Gun - Total / Total - Texaco) Lot 12	74,880,000.00
12	Bai Bureh Road (Texaco - Portee/ Portee - PK Oil Mill- Lot 13	76,440,000.00
13	Calaba Town Area (PK Oil Mill - Maboreh Lot 14	50,440,000.00
14	Black Hall Road (UP Gun - PWD) Lot 15	40,950,000.00
15	Black Hall Road (Up Gun - PWD) Lot 16	32,760,000.00
16	Kissy Bye Pass Road (Africanus Road Intersection - Low cost Bridge) Lot 17	33,101,250.00
17	Kissy Bye Pass Road (Africanus Road Intersection - Low cost Bridge) Lot 18	33,442,500.00
18	Main Motor Road , Brookfields, White Street , Bright Street - Lot 19	46,800,000.00
19	Bath Street / Bass Street 1/Bass Street 3- Lot 20	47,287,500.00
20	Pademba Road & Gloucester Street - Lot 21	40,560,000.00
21	Vehicle Hire	327,357,000.00
22	Grand Total	1,243,164,500.00

Premix Patching

Evaluation report

Physical progress

The performance of this activity for this period was rated as satisfactory; Value for money was achieved.

Financial Progress

100% payment for all works as stated below has been executed.

Summary of Premix Patching Works Executed

Road Name	Contractor	Contract Value
Circular Road, OAU Drive - Parliament - Circular Road - lot 1	Jaban Enterprise	72,765,000.00
Edward Lane , Benjamin Lane , Peter Lane , Macdonald Street Lot 2	Borjeh's Enterprise	70,560,000.00
Bright Street, Bath Street, Bailey Street - 4B	Three Keys Construction	68,796,000.00
Bass Street (1-3) - Lot 4A	CIS Construction & General Services	70,119,000.00
King Harman Road and Old Railway line Tengbeh town - Lot 5	Afrifix Maintenance and Engineering Services	88,200,000.00

Regent Road (Goderich Street - Mountain Cut and Goderich Street - Eastern Police - Lot 6	Nixx Investment	815,000.00	94,
Robert Street, Syke Street, Kroo Street and Pricilla Street-Lot 7	Africana Construction and General Trading Enterprises	995,000.00	85,
Macauley Street (Murray Town) Imatt Road (Alshiek Drive - Regent), Murray Town Road - Lot 8	Assurance Construction Enterprise	610,000.00	92,
Fergusson Street, Pike Street, Rock Lane & Hannah Benka Coker Street - Lot 8	K -links Construction & General Services	237,000.00	69,
Kissy Bye Pass Road and Up gun - Lot 9	Azla Enterprise and Consultancy	42,500.00	106,9
Allen Town - Waterloo and Waterloo - Magbntoso- Lot 10	Dobene Construction and General Services	132, 300,000.00	
Leah Street, Easton Street, Patton Street & Upper and Lower Dan street -	Al- Madinatu Investment	0,560,000.00	7
Supply of bituminous products for premix patching works in Freetown bitumen MC 30 & Hot Asphalt Mix	CSE US \$301,300@5,100	469,144,826.00	1,
Morgan Lane, Willoughby Lane, Campbell Street and White Street	Sadaka Enterprise	72,765,000.0	0
Bambara Spring-Kortright; Mammah Street	Yabiz International Construction and Supplies	78,409,800.0	0
Sub Total		2,603.529,126.00	

Maintenance of Highway Bridges

Evaluation Report

Physical progress/project quality

Works can be rated as fairly satisfactory. With the exception of Tiehun Bridge for which works as stated in the contract were not executed

Financial progress

100% payment has been made except for Tiehun Bridge.

Bridge Name	Contract sum
Savage Street Bridge	29,200,000.00
Tengbeh Town Bridge, old railway Line Bridge	60,235, 200.00
Old Railway Line Bridge	34,621,000.00
Damballa Bridge, Bo	27,455,000.00
Mokoba 1 & Mokoba 2 Bridges , Bombali	55,890,000.00

Tiehun Bridge	27,875,000.00
Yana 1 & Yana 2 Bridges	56,950,000.00
Kagbala Bridge, PortLoko	5,954,000.00
Baffie Bridge, Kono	30,530,000.00

Ferry Rehabilitation and Maintenance

An estimate of SLL2.3bn was submitted for the rehabilitation and maintenance of local ferries. This implementation was done in 2015. The contract completion date was in March 2015 but completion date was achieved in July 2015.

Evaluation Report

Physical progress/project quality

Physical works can be rated as satisfactory. The Timber deck on the Gendema Ferry has been changed to steel plate.

Financial progress

100% payment was done for all works on ferries.

Summary

No.	PROJECT DETAILS: Project Title/Name of Contractor/Start Date/Completion Date	Project Cost/ SLL
1	Rehabilitation of Yebele Ferry/ Sodias Services International/March 2014/March 2015	290,175,000.00
2	Ferry Rehabilitation/Maintenance(Manowa)/ Company/December 2014/March 2015 Adams Barrie	76,950,000.00
3	Ferry Rehabilitation/Maintenance(Kumrabai)/ /December 2014/March 2015 Avics Engineering	76,273,000.00
4	Ferry Rehabilitation/ Maintenance(Bandasuma) / Team Work Development Association/December 2014/March 2015/	82,761,000.00
5	Ferry Rehabilitation/Maintenance(Masimera)/ Construction/ December 2014/March 2015 Palama	86,287,000.00
6	Ferry Rehabilitation/Maintenance of Mabanta Ferry/ Kan Construction/ December 2014/ January 2015	79,556,000.00
7	Ferry Rehabilitation/Maintenance(Matru Jong)/ Davida Enterprises/ December 2014/March 2015	125,182,000.00
8	Ferry Rehabilitation/Maintenance(Bantoro)/ Enterprises/December 2014/March 2015 Sadaka	146,215,000.00
9	Rehabilitation of Gendema Ferry/ Kenema District/ Salfaida Construction and Trading Enterprises/December 2014/March 2015	526,799,000.00
10	Ferry Rehabilitation/Maintenance(Ribbi)/ December 2014/March 2015 Valentino Construction/	80,024,000.00
11	Ferry Rehabilitation/Maintenance(Tompari e)/ Jumelbar Construction Enter prise/ December 2014/March 2015	120,300,000.00
12	Ferry Rehabilitation/Maintenance(Kabba)/ General Enterprises/ December 2014/March 2015 Salfida Construction	542,890,000.00
13	Ferry Rehabilitation/Maintenance(Mabang)/ Construction/ December 2014/March 2015 Samarang	28,748,000.00
14	Ferry Rehabilitation/Maintenance(Manowo)/ and General Services/December 2014/March 2015 Main Construction	87,491,000.00
	<i>Subtotal for Rehabilitation of ferries</i>	2,349,651,000.00

Routine Maintenance 2

During this current period when the rains are at its peak, the accumulation of debris on the road pavements and overgrowing of vegetation along the road verge serves as obstruction to sight distance and runoff across the road pavement were evident.

A programme was submitted by the SLRA to the RMFA to fund two frequencies of brushing and one frequency of drainage & surface clearing which amounted to SLL 2, 914,080,897.00 . A sum of SLL2, 094,063,700.00 was disbursed directly to the SLRA for one frequency of brushing, drainage & surface clearing for all the regions.

TECHNICAL REQUIREMENT

To achieve the desired result the SLRA outlined the following technical specification;

- a. Brushing
 - a. Cutting of Road Side Vegetation
 - The verge of the roads should be brushed to a minimum of 3m wide.
 - The maximum acceptable height for brushing be 150mm from the road level
 - Where the cutting are too much to an extent of making the verge unsightly or obstructing sight, they should be cleared (pushed further out of the brushing sections)
 - b. Trimming of overhanging vegetation (this may include branches of trees and unusually overgrown shrubs)
 - Vegetation, either in tree branches or overgrown shrubs hanging over roads should be trimmed to provide adequate reach of sunlight on the road surface.
 - The extent of the trimming shall be equal to the extent of brushing
 - For huge trees providing lots of vegetation cover, power saws shall be engaged for the exercise
- b. Drainage and Pavement surface clearing
 - Drains and pavement shall be cleared using labor and hand held tools
 - All debris shall be removed from drains as far down as at the invert level of the drain and or onto road surface
 - Debris removed from the drains /road surface shall be carted away immediately to an approved location by vehicular means.
 - Where cross drain slab prevent the proper cleaning process, they are carefully removed and replaced at the end of the exercise.
 - At the end of the exercise, faulty drains shall be catalogued and reported for enhancement.

The performance indicators used to evaluate works done so far are the technical requirement stated in the SLRA programme.

Evaluation Report

Physical progress

Brushing and drainage clearing works on these roads were evident and were rated as fairly satisfactory. This attempt in disbursing cash directly to SLRA was not effective. Value for money is best achieved when payment are made directly to contractors based on measured works.

Financial Progress

100% payment was made for these activities

Periodic Maintenance for 2015 (Construction of Bridges, Culverts, Re-gravelling etc)

A total of eight (8) bridges which were under construction are mentioned in this report. Two of the bridges are carried over construction works from FY 2014; the construction and completion date of all these bridges have lapsed. Only four (4) were fully completed.

During this period also a total of sixty nine (69) culverts were under construction and 45(forty-five) were fully constructed. Works on the others were ongoing.

A total of 21 (nr) contracts were given out by the SLRA for the construction of drains for 2015. All of which were successfully completed.

Summary of Periodic maintenance project for 2015

N o.	Description of Project	Nr. of Bridges	No. of Culverts	No. of side Drains	Contract Sum (\$LL)	Progress status
1	Rehabilitation of Lebanon to Kainsay Road, Kono/ Engineering Services and Community Development/February 2014/ July 2014	1			1,900,777.703.00	Ongoing
2	Rehabilitation of Wusum Drive, Regent Village (Construction of triple Box Culvert) /Rolenke Enterprise/ 05/2015 - 06/2015		1		99,346.740.00	Ongoing
3	Rehabilitation of Weima Bridge and Improvement of 40km Feeder Roads in Constituency 12&13 Kenema District/Twin Development and Construction Company June 15 2015 - Dec 20 2015	1	22		3,168,227.542.40	Recommended termination
4	Construction of twin box culvert at Hogg Brook, Regent Village /Emelia Enterprises May 2015 - June 2015		1		73,631.600.00	ongoing
5	Construction 3No Single box Culverts within Makeni Township-Bombali District/Konta Shearay Construction Services/April 2015/May 2015		3		136,196.780.00	90% Completed
6	Bridge Construction connecting Looking Town- Shell Old Road Communities/April 2014 - June 2014	1			149,387.500.00	Ongoing
7	Emergency Construction of (4No) Box Culverts along Ninkikoroh Farrpor Rd, Tonkolili District Lot1/Sadaka Enterprises/August 2015/September 2015		4		149,117.200.00	Completed
8	Emergency Construction of Four(4No) Box Culverts along Ninkikoroh-Farrpor Road, Tonkolili District Lot 2 /Litan Construction Enterprise /August 2015/ September 2015		4		148,352.000.00	Completed
9	Emergency Construction of Four(4No) Box Culverts along Farrpor-Keredugu Road, Tonkolili District lot 3 /Adams Barrie Company Ltd /August 2015/ September 2015		4		140,256.000.00	Completed
10	Emergency Construction of Four(4No) Box Culverts along Farrpor-Keredugu Road, Tonkolili District lot 4 /Kpange Contractors and Suppliers Enterprise /August 2015/ September 2015		4		147,608.800.00	Completed
11	Emergency Construction of three(3No) Small Bridges along Mateneh- Mamanso Sanka Road, Tonkolili District(Lot 5)/New heights Enterprise /August 2015/ September 2015	3			148,010.000.00	Completed

12	Construction of Side drains and Vehicular Slab along Hooke Street, Kissy/ Kansan Construction/FY 2014			1	144,345,000.00	Completed
13	Construction of Side Drains and Vehicular Slabs/ Mohal Construction/FY 2014			1	141,800,000.00	
14	Construction of Side Drains and Vehicular Slabs along Metzeger Street, Kissy/ Munkumba Enterprises/FY 2014			1	130,410,504.00	Completed
15	Reconstruction of a Bridge at Jojoima town, kailahun District	1			42,419,000.00	Completed
16	Construction of Mambolo Bridge, Kambia District /Salfaida Construction and Trading Enterprises June 2015- Dec 2015	1			520,593,350.00	Ongoing
17	Construction of side drains along Mamba Ridge,PWD Freetown/ Lion Mountain Construction /November 2014/ January 2015			1	129,268,000.00	Completed
18	Construction of side drain along Moyiba Road ,Freetown/ Lion Mountain Construction /November 2014/ January 2015			1	83,775,000.00	Completed
19	Construction of four Box culverts along Mayaba Airfield Junction- Masongbiloll/Mayab Airfield Junction- Makolor/Mabal Junction-Makump America within Bombali District/ Lot 1/Jamaka Construction and General Services/Sep 2015/Oct 2015		4	1	141,711,480.00	Completed
20	Construction of four Box culverts along Mabanta- Putoon road(Segment1) Mayaba Airfield Junction-Makany Road within Bombali District/ Lot 4/ Adams Barrie Company Limited/ Sep 2015/Oct 2015		4	1	141,489,600.00	Completed
21	Construction of four Box culverts along Makarie-Makaray Road / Minatsal Enterprise/ Lot 5/ Sep 2015/Oct 2015		4	1	141,784,920.00	Completed
22	Construction of four Box culverts along Mabanta- Putoon road(Segment2) Mayaba Airfield Junction-Makany Road within Bombali District/ Lot 4/ Pitay Moray Enterprise / Sep 2015/Oct 2015		4	1	140,900,120.00	Completed
23	Construction of four Box Culverts along Makump America- Mabai Road/ Mayaba Airfield Junction- Makany Road within Bombali District /Lot 2 /Litan Construction Enterprise Enterprise/Sept2015/Oct 2015		4	1	142,973,240.00	Completed
24	Emergency Construction of 6 No. of 800mm Diameter Pipe culvert within Bombali District/Dainsk Enterprise/November 2014/December2014		6	1	87,342,600.00	Completed
25	Drainage and Pavement Rehabilitation Works Ambrose Street Off Regent Road/ Sea Side Construction and Trading/Q1 FY2015			1	95,040,000.00	Completed
26	Drainage and Pavement Rehabilitation Works James Street Off Regent Road/ MV pan Africa limited/Q1 FY2015			1	118,000,000.00	Completed
27	Drainage and Pavement Rehabilitation Works Horton Street Off Regent Road/ Babs Construction and General Services/Q1 FY2015			1	71,280,000.00	Completed
28	Drainage and Pavement Rehabilitation Works Cemetery Road, Kola Tree, Lower Allen Town, Lot1/ Country General Supply and Construction Section 1/ Q1 FY2015			1	129,998,000.00	Completed
29	Drainage and Pavement Rehabilitation Work Cemetery Road ,Kola Tree, Lower			1	130,268,000.00	Completed

	Allen, Lots 2/ Robis Construction Services/ April 2015/ May 2015					
30	Drainage and Pavement Rehabilitation Work Cemetery Road ,Kola Tree, Lower Allen, Lots 3/ Altikam General Services Ltd/ April 2015/ May 2015			1	122,100,0 00.00	Completed
31	Drainage and Pavement Rehabilitation Work Cemetery Road ,Kola Tree, Lower Allen, Lots 4/ De-Absolute Construction Agency/ April 2015/ May 2015			1	125,120,0 00.00	Completed
32	Drainage and Pavement Rehabilitation Work Cemetery Road ,Kola Tree, Lower Allen, Lots 5/ Sonter Enterprises/ April 2015/ May 2015			1	129,700,0 00.00	Completed
33	Drainage and Pavement Rehabilitation Work Cemetery Road ,Kola Tree, Lower Allen, Lots 6 / Dainks Enterprise/ April 2015/ May 2015			1	126,150,0 00.00	Completed
34	Drainage and Pavement Rehabilitation Work Cemetery Road ,Kola Tree, Lower Allen, Lots 7/ Adams Barrie Company/ April 2015/ May 2015			1	93,366,0 00.00	Completed
	Grand Total	8	69	21	9,390,746,67 9.40	

Drainage Cleaning Project Nationwide implemented by Ministry of Youth Affairs (MOYA)

The key objective of this project is to enhance employment for youths who are willing to offer services in drainage clearing and street cleaning of selected key locations in major cities in Sierra Leone.

- MOYA is responsible for de-silting and clearing of drains at selected locations across the country thereby keeping free flow of runoff in the drains and keeping these locations tidy.

An approval was given by the RMFA Board of Directors on the 14th April 2015 for an extension of the 2015 Drainage Clearing Programme 2015 executed by the Ministry of Youth Affairs.

This project started in April 2015 and will run till March 2016.

A total sum of SLL12bn was committed to MOYA for this exercise for this period.

Report

On the spot monitoring exercise normally conducted by the Engineers of the Monitoring and Evaluation Department are done on a regular basis. Reports are done periodically and are based on these monitoring exercises, The following evaluation was made

Evaluation Report

Physical progress/project quality

Works were rated as fairly satisfactory.

Financial progress

Financial progress for this period of reporting was 87.5%

The following findings emerged during the monitoring exercises:

- Mobility of garbage clearing off the road to the transit point had improved greatly; tricycles purchased by MOYA made it easier for silt/garbage removed from the drains to be taken to the transit points where Masada collects and later dispose of them.
- The objective of keeping the drainages clean was partially achieved. There is still more room for improvement.
- The work program is more detailed and aid effective monitoring.
- Safety of workers during implementation had improved though safety gears were not used regularly by the youths executing these exercises (reflective vest, nose mask, rain boots and hand gloves).
- Reports are not sent on time to the RMFA
- Coordination with Masada/ SLRA continues to improve.

Recommendations

- The Ministry of Youth Affairs should ensure the timely submission of reports to RMFA.
- More regular meetings should be held by key stakeholders in order to improve on the effectiveness of this project.

Street Cleaning Implemented by the Ministry of Social Welfare, Gender and Children Affairs (MSWGCA)

The Ministry of Social Welfare, Gender and Children's Affairs has been engaged in routine maintenance in the area of street cleaning. The objective of this is to support government's effort at empowering women by job creation for the less privileged.

Evaluation Report

Physical Progress

The benefits of this objective are being transferred to road users in improving the aesthetic value of our road assets.

Street cleaning has been very effective and road users are satisfied with the impact it is making. Value for Money is best achieved.

Financial Progress

Payment for works was made quarterly after the receipt of financial returns. 100%

payment has been made to MSWGCA to date for street cleaning.

Recommendations

We recommend that this exercise is extended to other areas across the country for a cleaner and healthier environment.

Carting Away of Dirt and Garbage - Responsibilities of Masada

An agreement was signed between Masada Waste Management Company (contractor) and Road Maintenance Fund Administration (Financier) in 2014 for the period of 1st October 2014 – Dec 2015. This agreement mandated Masada to coordinate the carting away of silt and dirt during the execution of street cleaning and drainage clearing done by the MSWGCA.

Responsibilities;

- To cart away dirt swept and waste collected by Ministries
- To provide operational paraphernalia for the street sweepers.
- To train, re-orientate, redistribute and monitor sweepers.
- To provide empty sacs “rice bags” for street sweepers per quarter.

During this period of reporting a total of 4000 trips were done by Masada for a total of One billion Two Hundred and ten million Leones (SLL1, 210,000,000) for which 100% payments of this sum have been made.

Masada as a local entity has been commendable.

Services rendered by Masada were rated as satisfactory.

Local District Council Feeder Roads Maintenance Programme 2015

An evaluation of the Feeders Roads Maintenance Programme 2015 implemented by the 19 Local District Councils was not mentioned in this report since works are still ongoing. However an addendum to this report will be prepared after completion of this programme.

Some other Activities Championed by the PPM&E Department

Road Beautification

Two committees were set up to look into the roads beautification project.

Policy Committee of which the Chairman of the Board is a member and a Technical Committee of which the Director of Planning Programmes, Monitoring and Evaluation (DPPM&E) & the Civil Engineers are members:

The following MDA's are represented on the Technical Committee:

- Ministry of Agriculture Forestry and Food Security,
- Road Maintenance Fund Administration,
- Sierra Leone Roads Authority,
- Environmental Protection Agency,
- Ministry of Lands Country Planning and the Environment, and
- National Tourist Board

The Freetown City Council (FCC) & the Western Area Rural District Council (WARDC) are rotating members on field trips only within their areas of jurisdiction as well as the Honorable Member of Parliament & Councilors. Several meetings were held by the Road Beautification Technical Committee in proposing ways of implementation including study tours to one African Country and China. A tentative budget for nursery preparation has been submitted to RMFA for funding as well as the study tour to Ghana for members of the Technical Committee.

The policy committee awaits to brief the new Minister, MAFFS on the activities of this project to fully get him on board. In the meantime all activities and plans have elapsed until such a time that the new Minister gives the go ahead.

Public Private Partnership (PPP)

In collaboration with the PPP Unit at State House, the PPM&E Department and the Public Relations Manager prepared a PPP concept paper. The purpose of this paper was to explore the possible Public Private Partnership (PPP) options open to the Road Maintenance Fund Administration (RMFA). By its current mandate under the Road Maintenance Fund Act 2010, the RMFA (as a first generation road maintenance outfit) is responsible for financing the maintenance of the core road network and to provide for other related matters. PPM&E awaits the submission of the final concept paper and the TOR for a PPP Consultant going forward. This process is still ongoing as the

first draft report presented by the consultant was not satisfactory.

Workshop organized for Local Councils on: The way forward with Maintenance of Rural Feeder Roads.

Considering the challenges faced by the Administration during the pilot Feeder Roads Maintenance Programme in 2013/2014, a workshop was organized by the Administration, championed by the PPM&E Department from 17th to the 23rd March 2015. The workshop was organized at regional level and addressed the following:

- I. Current practices and Methodology
- II. Challenges faced during the pilot Phase in 2013/2014;(from the councils & RMFA's perspectives)
- III. The way forward –
 - Procedures associated with initial and subsequent disbursement of funds.
 - Revised technical documentation that should be included in the project proposal.

Implementation Challenges to Road Maintenance

1. Delay in Project implementation time

Delay on the delivery of construction projects is seen as the most frequent challenge in the implementation of the projects funded by RMFA.

The delays in project execution usually result in contractors delaying with;

- ❖ Cost overruns especially on extra expenses on management and personnel
- ❖ Cost escalation of materials, and
- ❖ Paying contract penalties; which we do not apply at the moment

All of these costs are reflected in the project cost as a whole. This affects the administration as well.

2. Delay in payment to Contractors/implementing partners
3. Preparation of SLRA Programmes with insufficient data and appropriate tools.
4. Lack of technical capacity of Local contractors and relevant equipment.
5. Lack of effective supervision of project implementation from the SLRA

Successes During this 2015 implementing Year

- The relationship with the RMFA and the SLRA has improved.
- Activity Programmes based on quarterly maintenance implementation 2015 was successful.
- Joint Monitoring and Evaluation of implemented projects this year was very

effective.

General Recommendations

- The SLRA should have an up to date road inventory survey. This will aid in the proper planning of maintenance programs and will also provide a simplistic platform to keep track of maintenance activities and investment placed into every road or road asset.
- There should also be an up-to-date road condition survey. This data will also aid proper budgetary planning for SLRA, Local Councils and the RMFA. An up-to-date traffic volume count should also be considered, this will aid in giving a clear indication on the direct effect of traffic (axle load) on our road network. Both the Road Inventory and Road Condition survey can be conducted jointly. All data can be appropriately recorded/ represented on a GIS system. The GIS system can be made compatible with SLRA's current Pavement Maintenance Management System.
- SLRA should set maintenance standards for all roads across the country, hence creating optimum service levels that we want for all our roads. This will complement setting timeframes in which certain types of maintenance interventions will be needed for every road; and generating readily a long term plan to bring all of the roads to an optimum service level.
- Both RMFA and SLRA should consider the option of procuring specialist equipment to assess and analyze road pavements. This will provide a more effective supervision of road contractors and also aid in having a more accurate picture of asphaltic road structure and integrity at any given instance. Example of such gears/test equipment include: Deflectograph/ Light Weight Deflectometer [LWD] and Ground Penetrating Radar.
- For the purpose of transparency, fairness and proper monitoring and evaluation, we recommend that a standard unit rate of each maintenance activity is developed by the SLRA for financial year 2016 and in future budget submitted alongside the budget.
- In order to improve the performance of contractors as stated in section 4 – (summary of general maintenance budget), we hereby advice that registered road contractors be trained in project management and executing maintenance activities to the required standards and specification. This can be facilitated by RMFA.
- We also recommend that the possibility of bringing back Performance Based Maintenance Contracting is considered.

Departmental Challenges and Success

- An Engineer from the Department has been sponsored by the Administration for further training.
- The Department has purchase Geographical Position System and trained all M&E staff in its use in November 2015 which will aid effective Monitoring and Evaluation of projects.
- The Departments have been fully involved in processing all payments for all road works funded by the Administration which was a major challenge in 2014.
- PPM&E procedures manual was approved by the RMFA Board.
- A successful workshop was held for the Local Councils which has aid the improvement in the performance of Local Councils.

Pictures



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Gendema Ferry



Kabba Ferry



Masimera Ferry



Tomparie Ferry

Bantoro Ferry



Ribbi Ferry
Mabanta Ferry



Surface and Drainage Clearing (Routine Maintenance)

Rogbere Junction to Guinea Border , Kambia District



Magbontoso- Cottage Road, Port Loko District



Sewa Road, Bo City



Kissy Bye



Black Hall Road

Kissy mental Home



Brookfields and Environs



Brushing and Trimming of Overhangings

Koribondo to Sumbuya (Bo District)



Pujehun to Potoru (Pujehun District)



Mano Junction to Panguma (Kenema District) Njabahun to kangahun (Moyamba District)



Makeni –kabala highway
Tomparie

Madina to



Rogbere junction to Guinea Boarder

Ojuku Junction to Waterloo



Construction of Side drains and Vehicular Slab at Cemetery Road, Lower Allen Town





Construction of Looking town Bridge





Construction of Lebanon- Kainsay Bridge, Kono District



Construction of Mambolo - Rokel - Bridge , Kambia District



(Clearing Exercise)

