

2016

Planning, Programmes, Monitoring and
(PPM&E) Department

Evaluation

Annual Evaluation Report 2016



Compiled by Ing. Alie M. Forna
Mohamed Wuroh Timbo
Road Maintenance Fund Administration
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2 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 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 agencies are engaged in relevant road maintenance activities as approved by the RMFA Board, meeting the objectives of the RMFA. These agencies are Ministry of Youth Affairs, Ministry of Social Welfare, Gender and Children Affairs, National Commission for Social Action, and Masada.

One of the four pillars of Sierra Leone's national development strategy is improving the road infrastructure in Sierra Leone. In response, government has scaled up efforts in improving the road infrastructure in recent years. Several roads linking district head quarter towns and feeder roads have been rehabilitated and constructed with the RMFA as financier for rehabilitation projects.

The RMFA presently seeks a secured and 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 and maintenance cost
- Faster, reliable and safer travel and
- Improved access and cheaper and better goods and services. Etc

3 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 is the leading department within the Administration charged with the responsibility of ensuring the RMFA derives the maximum benefit, i.e. the best combination of cost and quality for all the projects it funds.

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

1. Richmond S. Sesay – Director of Planning Programmes, Monitoring and Evaluation
2. Rugiatu Koroma – Head of Monitoring and Evaluation
3. Alie M. Forna – Senior Civil Engineer
4. Mohamed W. Timbo – Civil Engineer
5. Yassin Bangura - Trainee Civil Engineer

3.1 Objectives of the Department

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

- i. To monitor the expenditure of fund used on 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.

3.2 Scope of Report

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

In the period under review, the Monitoring and Evaluation Department was engaged

in scheduled periodic monitoring and reporting activities, providing important information on progress of funded projects to the Project teams and our partners and also providing recommendations for successful implementation of all projects

Also included in this report is a Qualitative and Quantitative evaluation with an input – output analysis of approved road maintenance programmes that were planned by the road / Implementing agencies for FY 2016. This report also highlights findings and evaluations of physical progress made on key planned activities as well as their financial performance. Implementation challenges, arising policy issues and recommendations are also outlined.

3.3 Allocations to Designated Road Agencies

A total of SLL 82.7 billion was budgeted by the RMFA for all road maintenance activities for FY 2016. 70% of this amount was allocated to finance road maintenance activities for the core road network across the country, 20% the maintenance of feeder roads and 10% for the operational expenses of the administration (see chart 1).

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

Chart 1.1

3.4 Disbursement Procedures

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

4 Report

During this year 2016, the Road Maintenance Fund Administration approved activity based programmes and disbursed funds for programmes as outlined below; these programmes whether done by Local Councils or other MDA's were supervised by the Sierra Leone Roads Authority who are the custodians of the entire road network.

4.1 Programme Funded by Road Maintenance Fund Administration in 2016

Item no.	Description of Programme	Programme Cost(SLL)
1	Premix Patching Exercise	1,793,767,457.98
2	Rehabilitation/Maintenance of fourteen ferries across the	1,800,122,742.00

Country Maintenance		
3	Periodic Maintenance across the country (carried over 2015/2016)(Construction of bridges, Culverts, Drains)	5,455,332,805.76
4	Rehabilitation of 14.7km of Additional Roads in Kabala Township(Phase II) (<i>USD 15,294,224.11</i>)	72,647,564,533.64
5	Rehabilitation of 6.15km in Kenema City (Blama and Hanga Road)(<i>USD 8,545,237.92</i>)	49,989,641,832.00
6	Rehabilitation of City and Provincial Township Roads Phase II(31.007km) East Zone, Freetown (Lot1) / (<i>USD 39,953,057.44</i>)	231,994,220,045.12
7	Rehabilitation of City and Provincial Township Roads Phase II(27.7km)Central Zone, Freetown (Lot2)/ <i>USD 42,511,544.96</i>)	246,850,512,772.88
8	Rehabilitation of City and Provincial Township Roads Phase II(33.1km) West Zone, Freetown (Lot 3)(<i>USD 48,670,107.85</i>)	267,685,593,175.00
9	Major Projects carried over from (2013- 2015) : Asphaltic overlay of 33 Streets within Freetown, rehabilitation of Kissy Road, Fourah Bay Road, Macauley street & Mountain Cut, Reconstruction of King Jimmy Bridge and Embankment and rehabilitation of 32.16km of Waterloo Township roads	329,549,016,366.66

Nineteen Local Councils

10	Feeder Roads Maintenance Programme 2016	12,670,562,117.00
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Other MDA's implementing road related Activities

11	Drainage cleaning nationwide by the Ministry of Youth Affairs (MOYA) 2016	12,000,000,000.00
12	Street Sweeping by Ministry of Social Welfare, Gender and Children Affairs(MSWGGA) 2016	1,400,000,000.00
13	CARTING away of debris and rubbish by Masada(2016)	1,520,000,000.00

5 Sierra Leone Roads Authority (SLRA) Road Maintenance Programme 2017

The SLRA submitted Road Maintenance Programmes for fiscal Year 2017 in September 2016. After several review from the consultant, CEMMATS Group Limited, the following comments were made:

- The Routine Maintenance programmes has been divided into four quarters each for maintenance activities for the 2017 fiscal year within the Six SLRA

regions;

- Replacement of vandalized Traffic Signs and contingencies for addressing emergency situations were provided for in the Budget;
- Maintenance of bridges and ferries had also been considered in every quarter in the 2017 SLRA Programme and budget;
- The Project in-house supervision cost of 5% was included and the total amount requested by SLRA for the prioritized road maintenance activities for 2017 was (SLL 42,036,452,426.19).
- Routine and periodic maintenance activities on the maintainable sections of the Core Road Network and institutional support to the Maintenance department were also included.

6 Evaluation Report

6.0.1 Physical progress/Performance

The physical progress for projects implemented in 2016 can be rated as fairly satisfactory. Delay in the project implementation was as a result of delay in the disbursement of funds for speedy execution of the projects. All projects are ongoing and would be carried over to 2017 fiscal year except for premix patching works on selected streets in Freetown and the maintenance of ferries across the nation which were completed and done to satisfaction.

6.0.2 Financial Progress

Payments for premix patching and maintenance of ferries in fiscal year 2016 were 100% completed. Payments for most of the projects are ongoing including few

projects that are physically completed. Below is a summary of the financial progress.

Description of projects	Financial progress
Asphaltic overlay of selected street within Freetown	79%
Reconstruction of King Jimmy Embankment and Drainage works	89%
Addendum to King Jimmy Embankment	
Rehabilitation of Kissy Road Fourah Bay Road, Mountain Cut & Macauley Street	71%
Rehabilitation of 14.7km of Additional Roads in Kabala Township(Phasell) Associate(<i>USD 15,294,224.11</i>)	24%
Rehabilitation of 6.15km in Kenema City (Blama and Hanga Road)/ First Tricon/January 2016/January 2017/(<i>USD 8,545,237.92</i>)	9%
Rehabilitation of City and Provincial Township Roads Phase II(31.007km) East Zone (Lot1) / CRSG/ (<i>USD 39,953,057.44</i>)	0.4%
Rehabilitation of City and Provincial Township Roads Phase II(27.7km)Central Zone (Lot2)/ CRIG/(<i>USD 42,511,544.96</i>)	0.4%
Rehabilitation of City and Provincial Township Roads Phase II(33.1km) West Zone (Lot 3)/ SECON- DAWNUS Joint Venture/(<i>USD 48,670,107.85</i>)	4%
Rehabilitation of 32.16km of Roads in Waterloo Township /Beton Villa/Feb 2016/ June 2016 (<i>USD 42,782,727.10</i>)	26%
Premix Patching Exercise on selected streets	100%
Rehabilitation /Maintenance of fourteen ferries across the Country	100%
Drainage cleaning nationwide by the Ministry of Youth Affairs (MOYA) 2016	52%
Street Sweeping by Ministry of Social Welfare, Gender and Children Affairs(MSWGGA) 2016	75%
CARTING away of debris and rubbish by Masada(2016)	78%
Feeder Roads Maintenance Programme 2016	82%

6.1 Summary of Carried Over Programmes

A total of 16 projects were carried over from 2013, 2014 and 2015 to 2016;

Item No.	Description of Project	Project status as of December 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 and addendum	Remedial works is ongoing
3	Rehabilitation of Sir Samuel Lewis Road	Completed with all payments made
4	Rehabilitation of Kissy Road Fourah Bay Road, Mountain Cut & Macauley Street	Completed, awaits payments to be made
5	Construction of Looking Town Bridge	Payment for additional works was

		made in February 2016 and works are substantially completed
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/ Engineering Services and Community Development/February 2014/ July 2014	Backfilling, rechannelling and fixing of bridge furniture was pending.
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	Emergency Spot Improvement along Melekuray, Royanka, Portloko	Culvert works are completed. Pending earth works to be done
13	Rehabilitation of 32.16km of Roads in Waterloo Township (USD 42,782,727.10)	Drainage work completed, asphalt pavement on selected roads to commence
14	Rehabilitation of Wuhu Drive, Regent Village (Construction of triple Box Culvert) /Rolenke Enterprise /May 2015/June 2015	SLRA to submit status report
15	Rehabilitation of Weima Bridge and Improvement of 40km Feeder Roads Kenema District/Twin Development and construction Company June 15 2015 - Dec 20 2015	Awaiting reviewed scope of works & recommendation for re-assignment from SLRA
16	Mambolo Bridge, Kambia District /Salfaida Construction and Trading Enterprises/ June 2015/ Dec 2015	Completed and all payments made to contractor

7 Routine Maintenance for fiscal Year 2016 (Allocation and Utilization)

In December 2015, the Administration allocated to the SLRA SLL 12.5 bn for routine maintenance activities for 2016. A programme was submitted by the SLRA in January 2016 and approval was given by the RMFA. Contract documents & request for payment was received Implementation of works commenced in February 2016.

A total of SLL 15.3 bn was utilized for routine maintenance activities. A summary of the road activities stated in SLRA work programme for the 2016 versus the actual

work done is shown below:

No .	Planned / Approved Maintenance Activities	Performance rating using KPI set by the SLRA on Actual programme achieved for 2016
1	Maintenance of 14 Ferries across the Country	A total of SLL1.8bn was spent on the maintenance of 14 ferries across the nation between August to October 2016. All works are completed and done in satisfactory manner. All payments for this programme has been completed
2	Premix patching on selected Streets	A total sum of SLL 1.79 bn was spent on premix patching works and supply of Bituminous products. Implementation was done between January and March 2016. Works a are completed and done in a satisfactory manner.
3	Spot Grading of Selected Roads	A total of SLL 13.2 bn was allocated for the spot grading of 9 major trunk roads across the country. To date only 1 road has been completed and all payments on this road have been made to the contractor. The remaining 8 projects are ongoing and payments are in progress.
4	Bridge inspection and Inventory	An amount of SLL 38,525,000.00 was disbursed in the 1 st quarter of 2016 to SLRA for bridge inspection and inventory within Freetown following the collapse of the Orugoo bridge as a result of the flood on the 16 th September 2016. No report has been received to date from SLRA.
5	Road Marking and installation of road signs	An amount of SLL 1.8bn was allocated for road marking and installation of road signs. No programme was submitted to RMFA throughout the implementing year and therefore no funds were disbursed.

Surface and drainage clearing works were implemented by Ministry of Youth (MOYA) and Freetown City Council (FCC) under the Supervision of the SLRA. Most of the programme submitted for the surface and drainage clearing by SLRA was already implemented by MOYA and FCC. No payment was made to the six regions of SLRA for implementing drainage /surface clearing and brushing.

8 Spot grading on selected roads across the country

8.1 Evaluation report

8.1.1 Physical progress

The performance of this activity for this period was rated as satisfactory. However only one project has been completed and done to satisfaction to date. The remaining

8 are ongoing and progress was satisfactory.

A total number 74 culverts were to be constructed on 7 roads excluding the 2 lots of the Kambia- Tomparie to Kamakwie Road.

8.1.2 Financial Progress

100% payment for all works has been paid for 1 project and payment is ongoing for the remaining 7 projects. Delay in payment was as a result of the delay in the generation of funds by RMFA to pay contractors on time. Financial status on spot grading works on selected roads is shown in the table below.

Item	Project Description	Contract Value (SLL)	Financial progress	No. of Culverts
1	Grading of Kambia - Tomparie Road (55km)/ Horizon Investment/Lot1/Feb2016/May2016	1,369,250,000.00	76%	-
2	Grading of Kambia - Tomparie Road (55km)/ Horizon Investment/Lot2/Feb2016/May2016	1,175,400,000.00	30%	-
3	Emergency Spot Improvement works on Nyaigoihun- Sumbuya Road(29km)/Equatorial Construction Industrial Company Ltd/Lot2/February 2016/May 2016	1,599,840,000.00	61%	14
4	Emergency Spot Improvement works on the Kabatha- After Gbinti Junction(27km) /Seleya Transport Construction and Trading Company/Lot1/February 2016/May 2016	1,524,837,500.00	80%	9
5	Emergency Spot Improvement works on the After Gbinti Junction - Batkanu-Foreloko road (26.8km) / Caisey Construction Enterprises/Lot1/February 2016/May 2016	1,497,487,500.00	60%	10
6	Emergency Spot Improvement works Yele to Matotoka Road(Matotoka - Yele- Mongeri) Lot 2/ Liverpool Investment Company Ltd/February 2016/May 2016	1,536,925,000.00	30%	11
7	Emergency Spot Improvement works Yele to Matotoka Road(Bo - Mongeri) Lot 1/ TSR/GTI INC (SL)Limited /February 2016/May 2016	1,517,157,000.00	30%	10

8	Emergency Spot Improvement works on Koribondo- Sahmalem Road/ Diplomat 2008 Housing Cooperative Ltd/Lot2/February 2016/May 2016	1,511,060,000.00	100%	9
9	Spot improvements on the Kambia to Kychum Road (39.1km)/General Supplies and Construction Enterprise/ July 2016/ September 2016/ December 2016	1,509,994,000.00	30%	11
	Grand Total	13,241,951,000.00		74

9 Premix Patching

9.1 Evaluation report

9.1.1 Physical progress

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

9.1.2 Financial Progress

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

Summary of Premix Patching Works Executed

Lot	Location	Contractor	Contract Value
1	Juba hill Drive , Pipeline Juba Hill, Summer Set Street	IBRA Bangs Enterprise	46,575,000.00
2	Fergusson Street, Main Bass Street, Bath Street, Bright Street, Morgan Lane, White Street	BAKAY International investment	39,130,038.00

3	Hall Street, , Bailey Street, Beccles Street , Eliot Street 2, Ogoo Lane 1&2, Benjamin Lane, Willoughby Lane 3	NEW HEIGHT Enterprise	35,727,682.50
4	Rock Lane , Sankey Street, Edward lane, John Lane, peter Lane, Pratt Lane, Willoughby Lane 2, Willoughby Lane 4	EUROAFRICAN Import and Export	34,931,250.00
5	Pademba Road, Campbell Street, Smythe Street, Macdonald Street, Watson Street, Dougan Street	VICLAN International	65,463,750.00
6	Robert Street and Circular Road	ROPHE Construction Enterprise	52,785,000.00
7	Regent Street, Rokel Street, OAU Drive, Garrison Street, Goderich Street	SEASIDE Construction & Trading	59,512,500.00
8	Abacha street, Wilberforce Street, Lightfoot Boston Street, Settra Kroo Street, Wallace Johnson Street, Siaka Steven Street	KPANGE Contractors and General Supplies	49,680,000.00
9	Bai Bureh Road, Race Course Road, Canteen Street, Davies Street, Fly Street, Brass Street, Alfred Street	PIYE PANDA Construction	54,963,675.00
10	Upper Dan Street, Blyden Lane, Kissy Bye Pass Road (Old Road)	JAMAKA Construction and General Services	83,317,500.00
11	Wellington- Waterloo Highway, Waterloo highway, Waterloo to Masiaka Highway, Masiaka – Makeni Highway,	TEE TEE JAY Construction &General Services	25,965,562.50
12	Vehicle Hire for transportation of premix (East Zone)	SODIA Services International	80,000,000.00
13	Vehicle Hire for transportation of premix (Central Zone)	SHEAR ROCK Limited	80,000,000.00
14	Vehicle Hire for transportation of premix (West Zone)	RIBAR Enterprise	80,000,000.00
15	Supply of Bituminous materials	CSE	1,005,715,499.98
16	Total		1,793,767,457.98

10 Ferry Rehabilitation and Maintenance

An estimate of SLL 1.8bn was submitted by SLRA for the rehabilitation and maintenance of local ferries in 2016. The contract completion date was in July 2016, but however it was completed in October 2016 due to delay in disbursement of funds.

10.1 Evaluation Report

10.1.1 Physical progress/project quality

Physical works can be rated as satisfactory.

10.1.2 Financial progress

100% payment was done for all works on ferries.

Summary of Ferry Maintenance

No	PROJECT DETAILS	Project Cost/ SLL
1	Maintenance of Bandasuma Ferry/ Rophe Construction Enterprise/FY2016	115,762,878.00
2	Maintenance of Bantoro Ferry/ Adab Construction and General Services /FY2016	113,881,878.00
3	Maintenance of Gendema Ferry/ Ibra Bangs Enterprise/FY2016	118,510,128.00
4	Maintenance of Kabba Ferry/ Nixx Investment /FY2016	90,790,128.00
5	Maintenance of Ribbi Ferry/ Afrifix Maintenance and Engineering Service/FY2016	113,411,628.00
6	Maintenance of Mattru Ferry/ Albademba Company Limited /FY2016	113,164,128.00
7	Maintenance of Masimera Ferry/ Albademba Company Limited /FY2016	102,818,628.00
8	Maintenance of Manowo Ferry/ Emelia Enterprise and Civil Works/FY2016	111,852,378.00
9	Maintenance of Mabanta Ferry/ Alpham Construction and General Services Enterprise/FY2016	111,382,128.00
10	Maintenance of Tomparie Ferry/ Team Work Development Associates Enterprise/FY2016	210,382,128.00
11	Maintenance of Manowa Ferry/ Prinsco Construction and General Services/FY2016	112,867,128.00
12	Maintenance of Yebele Ferry/Gbaama Construction and General Services	185,681,628.00
13	Maintenance of Mabang Ferry/ Sadaka Enterprise/FY2016	114,822,378.00
14	Maintenance of Kumrabai Ferry/ Behmankhan Construction and General Services Enterprise/FY2016	184,795,578.00
	<i>Total for Maintenance of Ferries</i>	1,800,122,742.00

11 Periodic Maintenance for 2016 (Construction of Bridges, Culverts and Drainages)

A total of two (2) bridges were maintained during this period.

During this period also a total of fifty nine (59) culverts were to be construction and to date works are ongoing and progress was satisfactory.

A total of 23 (nr) contracts were given out by the SLRA for the construction of drains for 2015. Most of the drainage construction has been completed and few of them are yet to be completed

Summary of Periodic Maintenance Projects for 2016

No	Description of Project	No. of Bridges	No. of Culverts	No. of side Drains	Contract Sum (SLL)	Progress status
1	Construction of 2no. Tripple box culvert along Makundo to Marampa Road, Yoni Chiefdom, Tonkolili District/ Viclan International/ March 2016 / April 2016		6		144,611,393.85	Works are ongoing
2	Culvert construction works at Yoni Chiefdom along Magboyo - Roneta/ Creative Ventures and Construction Enterprises/ March 2016 / April 2016		4		118,950,400.80	Works are ongoing
3	Culvert construction works at Mano Sumbuya 2 Yoni Chiefdom/Creative Ventures and Construction Enterprises/ March 2016/ April 2016		5		137,420,672.40	Works are ongoing
4	Construction of Side drain along Pipeline road, Kola Tree, Lower Allen town/Old Bambay Agency/January 2016/ February 2016			1	112,500,000.00	Completed
5	Construction of Side drain along Old Railway line- Rokupa Community- New Bai Bureh Road ,Wellington/ Lot 1/Jaban Enterprise/ March 2016/ April 2016			1	129,959,329.50	Works are ongoing
6	Rehabilitation of 4km Feeder Roads along Lohindi Junction-Mamayah Village(Gbemdembu Ngowahun Chiefdom)/Zah Zah Construction and General Services/ July 2016/ October 2016		2		353,933,500.00	Works are ongoing
7	Construction of Side drain along Old			1	141,711,480.00	Completed

	Railway line- Rokupa Community- New Bai Bureh Road ,Wellington/ Lot 2/ Fabco Co/ March 2016/ April 2016					
8	Construction of Side drain along Old Railway line- Rokupa Community- New Bai Bureh Road ,Wellington/ Lot 3/ Jabbie U.K Links/March 2016/ April 2016			1	130,942,696.00	Completed
9	Construction of side drain at Kola Tree-Pipeline community Allen Town, Freetown (Lot 2)/Demso Construction and General Services/ May 2016/ July 2016			1	130,422,946.50	Works are ongoing
11	Construction of Twin Box Culvert along Mamayah Village(Gbembembu Ngowahun Chiefdom) Bombali District/Abto International Agency/ July 2016/ October 2016		2		79,447,250.00	Works are ongoing
No	Description of Project	Nr. of Bridges	No. of Culverts	No. of side Drains	Contract Sum (\$LL)	Progress status
12	Construction of 5m span bridge along Rofutar Village, Bombali District/ Kan Construction Enterprises/ March 2016	1			116,985,200.00	Completed , awaits final payment
13	Construction of Side Drains at Kobola Street-Lowcost(Intersecting New Bai Bureh Road to Old Road). Lot 1/Dan Construction and General Services/July 2016/September 2016			1	149,897,979.00	Completed
14	Construction of Side Drains at Kobola Street-Low-cost (Intersecting New Bai Bureh Road to Old Road).Lot2/Senduku Building and Construction Enterprise/July2016/September 2016			1	148,983,219.00	Completed
15	Construction of Side Drains at Kobola Street-Low-cost (Intersecting New Bai Bureh Road to Old Road).Lot3/Moriya Enterprise/July 2016/September 2016			1	148,463,469.00	Completed
16	Construction of Side Drains at Kobola Street-Low-cost (Intersecting New Bai Bureh Road to Old Road).Lot 4/ Borjeh's Enetrprise/July 2016/September 2016			1	148,208,791.50	Completed
17	Construction of side drains at Kobola Street-Lowcost(Intersecting New Bai Bureh Road to Old Road). Lot 5/ Maseray Conteh and Sons General Services/July 2016/September 2016			1	97,579,684.13	Completed
18	Construction of Side drains at Albion Street intersecting Personage Street to Old Road (Lot7)/Drumas General Enterprises/July 2016/September 2016			1	147,481,141.50	Works are ongoing

19	Construction of Side drains at kossoh Town Road to Jui (Lot8)/ Fatkar Construction and General Supplies/July 2016/September 2016			1	145,594,449.00	Works are ongoing
No	Description of Project	Nr. of Bridges	No. of Culverts	No. of side Drains	Contract Sum (SLL)	Progress status
20	Construction of box culvert across Mahei Boima road and spots improvement on the Ngeiya road, Bo City/ SMSA Construction Company		1		142,059,524.00	Works are ongoing
21	Re-gravelling of Mattru Road and Abi Street, Bo City/Kids Construction and General Services/June 2016/ July 2016		1		146,470,000.00	Completed , awaits final payment
22	Construction of four (4no) box culverts along Kanigba Heremakonoh-Bendugu Road, Tonkolili District (Lot1)/K-Links Construction and General Service/ May 2016/July 2016		4		140,086,320.00	Works are ongoing
23	Construction of four (4no) box culverts along Bendugu-Tigadugu Road,Tonkolili District (Lot2)/Adams Barrie Company Limited/ May 2016/July 2016		4		147,943,120.00	Works are ongoing
24	Construction of four (4no) box culverts along Tigadugu- Kunya Road, Tonkolili District (Lot3)/Tongo Field Construction Company/ May 2016/July 2016		4		141,817,920.00	Works are ongoing
25	Construction of four (4no) box culverts along Kunya-Wosima Road, Tonkolili District (Lot4)/Sodia Services International/ May 2016/July 2016		4		148,858,800.00	Works are ongoing
26	Construction of four (4no) box culverts along Wosima to Herekoh Road, Tonkolili District (Lot5)/Litan Construction Enterprise/ May 2016/july 2016		4		145,835,760.00	Works are ongoing
27	Rehabilitation work at pipeline road Kolatree, Lower Allen Town-Freetown. LOT 2/D-MUS COMPANY (SL) LIMITED/APRIL 2016			1	123,322,000.00	Works are ongoing
28	Rehabilitation work at pipeline road Kolatree, Lower Allen Town-Freetown. LOT 3/BMK STAR ENTERPRISE/APRIL 2016			1	82,475,720.00	Works are ongoing
29	Rehabilitation work at Sangarie drive, wellington- Freetown LOT 4/MAMUSU CONSTRUCTION ENTERPRISE/APRIL 2016			1	57,076,400.00	Works are ongoing
30	Rehabilitation work at Sangarie drive, wellington- Freetown LOT 5/MUS TEE CONSTRUCTION & GENERAL SERVICES/APRIL 2016			1	48,648,560.00	Works are ongoing

31	Rehabilitation work at Sangarie drive, wellington- Freetown LOT 6/ MUNKU ASSOCIATION ENTERPRISE/APRIL 2016			1	61,204,500.00	Works are ongoing
32	Rehabilitation work at Sangarie drive, wellington- Freetown LOT 7/LIVERPOOL INVESTMENT COMPANY/APRIL 2016			1	48,823,210.00	Works are ongoing
33	Rehabilitation work along Solomon street, Wellington- Freetown LOT 19/SUE'S ENTERPRISE & GENERAL SUPPLIES/SEPT 2016			1	118,905,500.00	Completed
34	Rehabilitation work along Yanka Kanu Street II, Wellington- Freetown LOT 21/ELITE CONSTRUCTION & GENERAL SERVICES/SEPT 2016			1	130,018,000.00	Completed
	Rehabilitation work along Kabba Street & Mabel Brown Street, Wellington-Freetown LOT 20/SHEAR ROCK LIMITED/SEPT 2016			1	242,089,200.00	Completed
	Rehabilitation works along Conteh Drive, Tengbeh (Lot 12)/ Adams Barrie/July 2016/ August 2016			1	132,962,175.00	Completed
38	Rehabilitation work along Bennie Drive Phase I, Yams Farm in Freetown LOT 22/ FINNAH HOLDINGS COMPANY/SEPT 2016			1	115,967,400.00	Completed
39	Rehabilitation work along Bennie Drive Phase II, Yams Farm in Freetown LOT 23/AKOR CONST& GENERAL SERVICES/SEPT 2016			1	112,388,200.00	Completed
40	Rehabilitation work at Cemetery road, lower Allen town in Freetown LOT 13/ TOMMAH CONSTRUCTION & GENERAL SERVICES/AUGUST 2016			1	120,922,000.00	Completed
41	Rehabilitation work at Metzger street Phase I, Kasel Farm in Freetown LOT 14/MALUKA ENTERPRISES/AUGUST 2016			1	56,585,750.00	Works are ongoing
42	Rehabilitation work along Circular Road/Fort Street in Freetown LOT 15/AKADMAL INVESTMENTS LIMITED/ AUGUST 2016			1	57,348,000.00	Completed
43	Rehabilitation work at Newsite, Grassfield- Parma Lane, Lumley in Freetown LOT 16/LITAN CONSTRUCTION ENTERPRISE/SEPT 2016			1	131,543,000.00	Completed
45	Rehabilitation work at Metzger Street, Kasel Farm in Freetown LOT 17/GRACEMARK ENGINEERING & CONSTRUCTION SERVICES/SEPT 2016			1	117,265,000.00	Completed
46	Emergency works; Construction of 1no. twin box culvert, Embankment construction and stone pitching of Edges Kambia road,		2		144,272,611.00	Works are ongoing

	Lungi/ Kan Construction/ October 2016/December 2016					
47	Construction of 3no. Single box culverts within Bombali District/MCK Construction Enterprise/September 2016/		3		122,038,500.00	Works are ongoing
48	Rehabilitation works along Pipeline Road, Lower Allen Town, Freetown (Lot 8)/Delta Construction Services/ July 2016/ August 2016			1	111,218,110.00	Works are ongoing
49	Rehabilitation works along Pipeline Road, Lower Allen Town, Freetown(Lot9)/Bonza General Services/ July 2016/ August 2016			1	110,663,000.00	Works are ongoing
50	Rehabilitation works along Pipeline Road, Lower Allen Town, Freetown (Lot10)/De-Absolute Construction Agency/ July 2016/ August 2016			1	128,161,250.00	Completed
51	Rehabilitation works along Pipeline Road, Lower Allen Town, Freetown(Lot 11)/ Bakay's International Investment/ July 2016/ August 2016			1	124,041,720.00	Completed
52	Construction of side drain at Kola Tree-Pipeline community Allen Town, Freetown (Lot 3)/Salsam Pure Family Water/ May 2016/ July 2016			1	148,089,249.00	Works are ongoing
53	Construction of 1no. Box culvert. 1no. 600mm pipe culvert, and 1no. 800mm pipe culvert along Makeni Rokefullah Town to Malonkoh Town Road and Malikia Road, Toni Chiefdom Lot 1/ kayimbor Partnership and Construction Services/March 2016/ April 2016		2		80,013,265.20	Works are ongoing
54	Construction of 1no. Tripple box culvert along Makeni Rokefullah Town to Malonkoh Town Road and Malikia Road/ Toni Chiefdom Lot 1/ Rophe Construction Enterprise/March 2016/ April 2016		3		72,305,696.93	Works are ongoing
55	Construction of side drain at Albion Street intersecting Personage Street- Old Road (Lot 6/ Liverpool Investment/ July 2016/ September 2016			1	146,233,741.50	Works are ongoing
56	Construction of 2no. Pipe culvert and 6 no. box culverts along Njala Junction to Jayahun (lot4)/ Kad Construction International/		8		224,993,070.00	Works are ongoing
57	Emergency works for the repair of damaged bridge furniture at Magbele bridge along Masiaka Highway/ Team Work Development/October 2016/ December 2016	1			169,492,600.00	Completed

	Grand Total	2	59	23	5,455,332,805. 76	
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12 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.

This project started in March 2016 and will run till March 2017.

A total sum of SLL 12bn 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 done periodically are based on these monitoring exercises. The following Evaluation was made

12.1 Evaluation Report

12.1.1 Physical progress/project quality

Works were rated as fairly satisfactory.

12.1.2 Financial progress

Financial progress for this period of reporting was at 52%

The following findings emerged during our monitoring exercises:

- Mobility of garbage clearing off the road to the transit point had improved greatly; tricycles purchased by MOYA made it easy for silt/garbage removed from the drains to be taken to the transit points where Masada will collect and dispose.
- The objective of keeping the drainages clean was partially achieved. There was 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 must ensure they improve on second and fifth point as stated above.
- More regular meetings must be held by key stakeholders in order to improve in the effectiveness of this project.

13 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 was to support government's effort at empowering women by job creation for the less privileged.

13.1 Evaluation Report

13.1.1 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.

13.1.2 Financial Progress

Payment for works was made quarterly after the receipt of financial returns. Seventy five percent (75 %) payment has been made to MSWGCA to date for street cleaning.

13.1.3 Recommendations

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

14 Carting Away of Dirt and Garbage - Responsibilities of Masada

An agreement was signed between Masada Waste Management Company (contractor) and Road Maintenance Fund Administration (the Client) on the 1st January 2016 for the period of 1st January 2016 – 31st December 2016. 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 Ministries.

Responsibilities;

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

During this period of reporting a total of 5008 trips were done by Masada for a total of One Billion Five Hundred and Twenty million, Eight Hundred Leones (SLL 1, 520,800,000.00) including an administrative cost of SLL 268,800,000.00. Seventy eight percent (78%) payment has been made to Masada to date.

Masada as a local entity has been commendable. Services rendered by Masada were rated as satisfactory.

15 Local District Council Feeder Roads Maintenance 2016

Letters of allocation were sent by RMFA to all 19 Local Council for the implementation of the 2016 feeder roads maintenance programme since June 2016. 18 Local Councils have submitted their programmes with the exception of Bombali District. Few of the Councils have awarded contracts to deserving Contractors through the procurement process and have submitted their evaluation reports and copy of the procurement report. To date no funds has been disbursed to the local councils for the implementation of feeder roads maintenance 2016, but however a total sum of SLL 12.7bn was allocated to Councils who had very pressing challenges and needed funds for early intervention. Below is a table showing the funded projects status, and financial progress.

Project Description	Contract Sum (SLL)	Project Status	Financial progress
Cleaning of Canals to mitigate flooding in Kenema City/ kenema City Council	258,300,000.00	Works are ongoing	50%
Rehabilitation of Canals to mitigate flooding in Bo City/Bo City Council	210,475,000.00	Works are ongoing	50%
Construction 130m long Concrete drains and 2no. box culverts at Victoria Street Junction to Gulford Street	201,333,500.00	Works are ongoing	73%
Maintenance of 8km Road and construction of 2no. Reinforcement	472,886,300.00	Works are ongoing	88%

bridges along Manonkoh junction to Mayagba/Bombali District Council/2016			
Construction of Kundi(62.4m) between Gbangadu to Woama Village/ Kono District Council/2016	791,651,630.00	Works are ongoing	87%
Spot improvement of 1.66km feeder road project and construction of 2no . Twin box culverts and a 20m bridge connecting the Matindi Community and the Monkey Bush community/ Western Area Rural District Council/2016	798,631,700.00	Works are ongoing	66%
The construction of 0.35km reinforced concrete pavement, concrete drains and the construction of 6no. Box culverts from Regent junction to Liverpool Street/ Western Area Rural District Council/ 2016	896,062,500.00	Completed	100%
Construction of a 10m bridge along Manorkoh Junction to Moria Road/ Bombali District Council	308,579,250.00	Completed	100%
Construction of 350m Concrete Side drains and 2 box culverts at the hill top road/ Western Area Rural District Council/ Fy2016	384,283,500.00	Completed	100%
Flood mitigation cleaning exercise/ Freetown City Council/ FY 2016	3,334,010,600.00	Completed	100%
Rehabilitation of Feeder Roads and the construction of (22No)800mm pipe culvert and (3No) single box culvert and 1No box culvert/ Port Loko District Council	612,409,050.00	Works are ongoing	30%
Construction of 4No. Box culvert and a bridge along Gbafay- Nonkoskoya and 8No. Box culvert along Bendugu-Foliya Road	364,164,087.00	Works are ongoing	30%
Cleaning of Canals in Freetown/ Freetown City Council/ FY2016	2,530,000,000.00	Works are ongoing	66%
Cleaning and Clearing of Gabbage at Granville Brook/December 2016	1,507,775,000.00	Completed	100%
Grand Total	12,670,562,117.00		

16 Implementation Challenges and Successes 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

16.1 Successes during this 2016 implementing Year

- The collaborative relationship with the RMFA and the SLRA has improved.
- Activity Programme Based quarterly maintenance allocation and implementation 2016 was successful.
- The Joint Monitoring evaluation and of implemented projects this year was very effective.

16.2 General Recommendations

- The SLRA needs to prioritize the need for an up to date road inventory survey. This will aid in the proper planning of maintenance programmes. This 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, as 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. This 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 are required for all roads. This will greatly complement setting time frames in which certain types of maintenance interventions will be needed for every road; and generating readily a long term plan to bring all roads to an optimum service level.
- Both RMFA and SLRA should consider the option of procuring specialist gear 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.
- 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 2017 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.

16.3 Departmental Challenges and Success

- The Head Monitoring and Evaluation from the department has been sponsored by the Administration for further training;
- All quarterly reports have been submitted and approved by the Board of Directors;
- The departments have been fully involved in processing all payments for all road works funded by the administration which was a major challenge in 2016.

17 Pictures

Rehabilitation / Maintenance of Ferries

Mabang Ferry

Ribbi Ferry



Yebele Ferry



Bantoro Ferry



Kabba Ferry



Tomparie Ferry



Kumrabai Ferry



Manowo Ferry



Masimera Ferry



Mabanta Ferry



Mattru Ferry



Bandasuma



Gendema Ferry

Manowa Ferry



Side drain Construction at Kobola Street, Lowcost



Lot 1



Lot 2



Lot 3



Lot 4



Lot 5 (1)



Lot 5(2)

Spot Improvement works on selected roads across the Country

Koribondo to Sahnmalen

Nyaigoihun to Sumbuya



Kambia to Tomparie (Lot 1&2)



Kabatha to Gbinti junction



Gbinti to Bathkanu Road



Construction of Kundi Bridge, kono District



Construction of Lebanon- Kainsay Bridge, Kono District



Construction of Mambolo- Rokel - Bridge, Kambia District



Bridge along Moria to Manorkoh, Bombali District



Emergency Maintenance works on Magbele Bridge



Pictures of Premix Patching Exercise within Freetown







Clearing Exercise) Central Business



town City Council



