

TABLE OF CONTENTS

TABLE OF CONTENTS	1
LIST OF TABLES	3
TABLE OF FIGURES	3
ABBREVIATIONS & ACRONYMS	3
APPENDICES	4
EXECUTIVE SUMMARY	5
1.0 INTRODUCTION	7
1.1 Establishment.....	7
1.2 Mission Statement.....	7
1.3 Policy Objectives	7
1.4 Governing Body	8
1.5 The Directorate	8
1.6 Departments, Divisions and Regions/Road Area Offices	8
1.7 Road Network Condition 2010-2017	9
CHAPTER TWO	13
2.0 ADMINISTRATION DEPARTMENT	13
2.1 Finance Division	13
2.1.1 Financial Status Report	13
2.1.2 Expenditure Incurred & Releases	14
2.1.2.1 Routine Maintenance	14
2.1.2.2 Periodic Maintenance & Minor Works	14
2.1.2.3 Development/Capital Projects	14
2.1.3 Revenue from Tolls	15
2.1.3.1 Road and Bridges Tolls	15
2.2 Human Resource Division	17
2.2.1 Human Resources Planning & Evaluation.....	17
2.3 Internal Audit Division	20
2.4 Legal Services Division	22
2.5 Management Information Systems Division (MIS)	25
2.5.1 In-house Activities	25
2.5.2 Toll Operations	25
2.5.3 Dedicated Internet at GHA Head Office.....	25
2.6 Public Affairs Division	26

2.7 Training & Development Division	27
CHAPTER THREE	29
3.0 MAINTENANCE DEPARTMENT	29
3.1 Road Maintenance Division	29
3.1.1 Maintenance Projects	29
3.1.2 New Projects	32
Periodic Maintenance (Periodic and Minor Rehabilitation).....	32
3.1.3 Completed Projects	32
3.1.2 2016 Road Condition Survey	32
3.1.3 GHA Units (MMUI, MMUII, & BMU).....	33
3.2 Plant & Equipment Division	34
3.2.1 Operations	34
3.2.2 Completed Jobs (Private Jobs):	34
3.2.3 Ferries	34
3.2.4 Stores & Supplies Section.....	35
CHAPTER FOUR	36
4.0 DEVELOPMENT DEPARTMENT	36
4.1 Bridges Division.....	36
4.3.1 Bridge Maintenance Unit – Activities	40
4.3.2 Consultancy Services for the Inventory and Condition Survey of the GHA	40
4.2 Contracts Division.....	41
4.3 Materials Division	42
4.4 Planning Division.....	44
4.5 Quantity Surveying Division.....	47
4.5.1 Interim Payment Certificates	47
4.6 Road Safety & Environment Division.....	50
4.6.1 Road Safety Unit.....	50
4.6.1.1 Western & Central Regions.....	50
4.6.1.2 Eastern & Volta Regions.....	50
4.6.1.3 Ashanti & Brong Ahafo Regions	51
4.6.1.4 Northern, Upper East & Upper West Regions	51
4.6.1.5 Head Office Region	51
4.6.2 Environmental Management Unit	52
4.6.2.1 Stakeholder Engagement Meetings.....	52
4.6.2.2 Implementation Support Missions	52
World Bank Funded Projects	52
4.6.3 Axle Load Control Program.....	52
4.6.3.1 Mobile Vans	52
4.6.3.2 High Speed Weigh in Motion (HSWIM).....	53
4.6.3.3 Portable Weighing Scales	53
4.6.3.4 Axle Load Control at the Ports.....	53
4.6.3.5 Statistics from the Axle Load Stations	54
4.7 Survey & Design Division.....	56
4.7.1 In-House Survey and Design Works & Review	56
CHAPTER FIVE	57

5.0 Conclusion	57
5.1 The Way Forward.....	57
Key Performance Indicators.....	58
5.2 Constraints.....	60
5.4 Conclusion	61

LIST OF TABLES

Table 1: 2017 Road Surface Condition Mix (National).....	5
Table 2: GHA Board Members	8
Table 3: Comparison of the Surveyed Road Surface Network Condition (2010-2017).....	9
Table 4: Condition Mix of Paved & Unpaved Road Network Condition from 1997 to 2017.....	10
Table 5: National Roads	12
Table 6: Recurrent Expenditure	13
Table 7: Summary of Funds Released as 30 th June 2019.....	15
Table 8: Comparative Revenue Performance Table for Manual & Automated Stations as at 30 th June (2018 & 2019)	16
Table 9: Comparative Toll Revenue Performance (Actual and Budget, 2019 & 2018)	16
Table 10: Human Resource Strength – GHA Staff Structure as at 30 th June 2019.....	17
Table 11: Age Group Distribution – Whole of GHA as at 30 th June 2019	18
Table 12: Labour Turn Over as 30 th June 2019.....	19
Table 13: Details of Audit Activities Carried in 2 nd Quarter 2019	20
Table 14: Summary of Cases Pending as at 30 th June 2019.....	22
Table 15 Details of Cases in Courts as at June 30 th 2019	23
Table 16: Training & Development Programme for the Year 2019.....	27
Table 17: Training & Development Programme organized in the 2 nd Quarter of 2019	28
Table 18: Achievements in Routine & Periodic Mtce. Projects –as at 2 nd Quarter 2019.....	30
Table 19: On-going Maintenance Projects	32
Table 20: Details of Works by MMUI MMUII & BMU –2 nd Quarter 2019	33
Table 21: Details of Completed Jobs (GHA) as at 30 th June 2019.....	34
Table 22: LPO Procurement as at the end of 2 nd Quarter 2019.....	35
Table 23: Details of Budget Provision	41
Table 24: Details of Training	42
Table 25: Materials Test Results	43
Table 26: Ongoing Consultancy Services as at 30 th June 2019	46
Table 27: Certificates Vetted & Corrected	48
Table 28: Status of Permanent Weighbridge Stations (PWS) as at 30 th June 2019.....	53
Table 29: Status of 2019 Performance Matrix Quarterly Monitoring Indicators as at 30 th June 2019	59

TABLE OF FIGURES

Figure 1: Graphical presentation of 2017 Road Condition Mix for Paved & Gravel Roads	11
Figure 2: Achievements in Maintenance Projects.....	31
Figure 3: Overloading Trend – 2 nd Quarter, 2019.....	55
Figure 4: Comparison of Monthly Overloading Trend at PWS as at 2 nd Quarter 2019	55

ABBREVIATIONS & ACRONYMS

<i>AfDB</i>	-	African Development Bank
<i>BADEA</i>	-	Arab Bank for Economic Development in Africa
<i>BMU</i>	-	Bridge Maintenance Unit
<i>CAGD</i>	-	Controller & Accountant General's Department
<i>CATB</i>	-	Central Advisory Tender Board
<i>DANIDA</i>	-	Danish International Development Agency
<i>DFR</i>	-	Department of Feeder Roads
<i>DLP</i>	-	Defects Liability Period
<i>DTF</i>	-	Dutch Trust Fund

<i>DUR</i>	-	Department of Urban Roads
<i>EIA</i>	-	<i>Environmental Impact Analysis</i>
<i>ESIP</i>	-	<i>Environmental & Social Mitigation Plan</i>
<i>EU</i>	-	European Union
<i>GDP</i>	-	Gross Domestic Product
<i>GHA</i>	-	Ghana Highway Authority
<i>GCAA</i>	-	Ghana Civil Aviation Authority
<i>GIFMIS</i>	-	Ghana Integrated Financial Management Information Systems
<i>GOG</i>	-	Government of Ghana
<i>GSGDA</i>	-	Ghana Shared Growth & Development Agenda
<i>IPC</i>	-	Interim Payment Certificate
<i>IGF</i>	-	Internally Generated Fund
<i>JBIC</i>	-	Japan Bank for International Co-operation
<i>JICA</i>	-	Japan International Co-operation Agency
<i>KfW</i>	-	Kreditanstalt fur Wiederaufbau
<i>MMU</i>	-	Mobile Maintenance Unit
<i>MOF</i>	-	Ministry of Finance
<i>MOT</i>	-	Ministry of Transport
<i>NITA</i>	-	National Information Technology Agency
<i>OECF</i>	-	Overseas Economic Cooperation Fund
<i>PAP</i>	-	Project Affected Persons
<i>RAP</i>	-	Resettlement Action Plan
<i>RCS</i>	-	Road Condition Survey
<i>RPF</i>	-	Resettlement Policy Framework
<i>SIA</i>	-	<i>Social Impact Assessment</i>
<i>SMEC</i>	-	Snowy Mountains Engineering Corporation
<i>TSDP -</i>	-	Transport Sector Development Programme
<i>WATTFP</i>	-	West Africa Transport and Trade Facilitation Project

APPENDICES

Appendix	A	<i>GHA Organisational Structure</i>
Appendix	B	<i>Status Report for Development Projects June 2019</i>
Appendix	C	<i>Status Report for Consultancy Services June 2019</i>

EXECUTIVE SUMMARY

In Ghana, it has been estimated that road transport accounts for 94% of freights and about 97% of passengers. (MRH Annual Report, 2011). The marine, air and rail modes of transport are not developed and are sharing the remaining 3% of movement of people across the length and breadth of the country.

These two assertions make road transport the major determining factor to the physical and economic development of Ghana. For Ghana to transform from a lower-middle income country into an upper-middle income one, the country needs to focus on the development and maintenance of the entire road network to an appreciable level of 70% good, 20% fair and not more than 10% poor. This status will make the overall cost of transportation on Ghana's network cheap and will support the quick transformation into an upper-middle economic country.

The GHA under the Ministry of Roads and Highways (MRH) is charged by Act 540 with the responsibility for the planning, development, management, maintenance of the trunk road network in Ghana. Ghana's trunk road network is about 15,360km this includes roads under construction and missing links.

It is important to note that infrastructure is the pivot for national development and the GHA plays a critical role in the provision of road infrastructure. This role is clearly stated in our vision statement of "Being a world-class provider of safe road infrastructure" and a mission statement of:

"GHA provides Road Infrastructure Engineering and Management Services: project appraisal, feasibility studies and detailed design; contract preparation and administration; maintenance and operation; civil engineering materials prospecting and testing for roads, bridges and road safety facilities at best value – least cost to support the socio-economic development of Ghana and beyond".

Conditions of Ghana Highway Authority's Road Network as at End of Year 2017

A total of 14,582.62km of Paved and Gravel roads, which forms 94.9% of the total trunk roads network, were surveyed and classified into Good, Fair and Poor conditions in the year 2017. Roads under construction and missing links were not surveyed. The overall condition mix as at the end of year 2017 is shown in Table 1 below. The Condition Mix as at the end of year 2018 will be reported in the year 2019 3rd Quarter Report.

Table 1: 2017 Road Surface Condition Mix (National)

Condition Description	Length (km)	Percentage (%)
GOOD	8,171.9	56
FAIR	5,428.62	37
POOR	982.1	7
TOTAL	14,582.62	100

It is hoped that GHA will be able to attain the national target of road condition mix of 70% Good, 20% Fair and 10% Poor in the foreseeable future.

Staff Strength

The staff strength of GHA as at 30th June 2019 is 1,175 against an established strength of 2,526. This comprises 614 being Senior Staff representing 52.3% and 561 being 47.7% of Junior Staff.

Human resource is our most important resource and we aim to carry our core duties with a GHA workforce that is highly professional. Should this trend continue without any implementation of the GHA replacement plan, the staff will reduce so drastically that the GHA may not be able to meet its strategic objectives in the foreseeable future. This is a very serious issue considering that the Authority needs technical staff in all sectors of its operations.

Approved Budget for Year 2019

Under the 2019 National budget, one of the major focus is strategic infrastructure. The Government intends to spend GH¢8.5 billion on capital expenditure including roads representing 2.5% of GDP. This excludes an amount of \$2b Sinohydro loan to finance infrastructure development in the country

CHAPTER ONE

1.0 INTRODUCTION

1.1 Establishment

The GHA was established by NRC Decree 298 of December 1974. The decree has been superseded by Act 540 of December 1997, to reflect changes, which have occurred in the road sub-sector over the years. GHA is charged by Act 540 with the responsibility for the administration, development and maintenance of **trunk roads** and related facilities in the country.

1.2 Mission Statement

GHA provides Road Infrastructure Engineering and Management Services: project appraisal, feasibility studies and detailed design; contract preparation and administration; maintenance and operation; civil engineering materials prospecting and testing for roads, bridges and road safety facilities at best value – least cost to support the socio-economic development of Ghana and beyond”.

1.3 Policy Objectives

To accelerate the realization of the Mission Statement, the GHA has devised the following objectives :

- **Improving Road Condition:** To ensure the provision, expansion, and maintenance of Trunk Road Transport Infrastructure by increasing the proportion of the trunk road network and roads in District Capitals in good condition.
- **Reducing Accident Fatalities:** To work with the National Road Safety Commission and other stakeholders to reduce accident fatalities on the trunk road network.
- **Reducing Travel Time:** To ensure the provision of affordable, safe and accessible transport system by dualisation of heavily trafficked Trunk Road Sections.
- **Environmental and Social Mitigation Measures:** To mitigate the impact of the road development and maintenance program on the environment and people.
- **Improving Quality of Systems Delivery:** To assist MRH and other Ministries, Departments & Agencies (MDAs) to develop and strengthen the appropriate legal, institutional and regulatory framework and regulate all modes of transport to ensure an efficient transport system that will promote quality delivery of services.
- **Administration & Human Resources:** To recruit, train and adequately motivate staff and provide the needed logistics to undertake the services.

1.4 Governing Body

A 10-member Board of Directors governs the GHA as shown in Table 2.

Table 2: GHA Board Members

	Names	Position	Organisation
1	Dr. Francis Achampong	Board Chairman	President's Nominee
2	Mrs. Mangowa Ghanney	Member	Ministry of Finance
3	Mr. Edmond Offei Annor	Member	MRH
4	Mr. Felix Aboagye	Member	Road User's Association
5	Mr. Ernest Arthur	Member	GHA
6	Mr. Benjamin Ewusi Darbah	Member	Private Road Transport Unions
7	Ing. Sir Fredrick Kwabena Akwaboah	Member	Ghana Association of Consultants
8	Mr. Senyo Kwasi Hosi	Member	Private Enterprise Federation
9	Mrs. Adelaide Anno-Kumi	Member	Ministry of Interior
10	Mr. Ben Asomani	Member	Ministry of Env. Science & Technology

1.5 The Directorate

The GHA has a Managing Director, designated as Chief Executive. Under the Chief Executive, there are three (3) Deputy Chief Executives: the Deputy Chief Executive (Administration); the Deputy Chief Executive (Development); and the Deputy Chief Executive (Maintenance).

1.6 Departments, Divisions and Regions/Road Area Offices

Under the three Departments, there are sixteen (16) Divisions in the Head Office, each of which is headed by a Director and ten Regional Offices headed by Regional Highway Directors. The GHA also has twenty-eight (28) Road Area Offices nationwide. The Internal Audit and Legal Services Divisions, though directly responsible to the Chief Executive, are under the Administration Department for management purposes.

The Organisational Chart of the GHA is attached (Appendix A).

1.7 Road Network Condition 2010-2017

The 2017 Road Condition Report makes comparison with those of 2010 - 2017 using Condition Score Analysis as shown in Table 3. The length of roads in good condition increased from 3,865km (29%) in 2010 to 8,171.92 (56%) in 2016 at a steady average annual increase rate of 13.29%. It however decreased from 8,171.92km in 2016 to 7,544.0km in 2017. This reduction has resulted from funding challenges for Road Maintenance Activities. Table 4 shows the Condition from 1997-2017.

Table 3 lists and defines the National Roads and the various major cities, towns and regions that the national roads traverse.

Table 3: Comparison of the Surveyed Road Surface Network Condition (2010-2017)

YEAR	GOOD		FAIR		POOR		TOTAL
	Length (km)	(%)	Length (km)	(%)	Length (km)	(%)	Length (km)
2010	3,865	29	5,841	44	3,556	27	13,262
2011	4,566	34	3758	28	5,019	38	13,343
2012	6,184	46	4412	33	2,882	21	13,478
2013	6,490.10	52	4,271.40	34	1,776.50	14	12,538
2014	7,128.53	52	5,452.09	39	1,256.80	9	13,837
2015	7,618.5	56.8	4,838.40	36.1	960	7.2	13,416.9
2016	8,171.92	56.0	5,428.6	37.2	982.1	6.7	14,582.62
2017	7,544.0	54	4,874.2	35	1,582.4	11	14,000.6

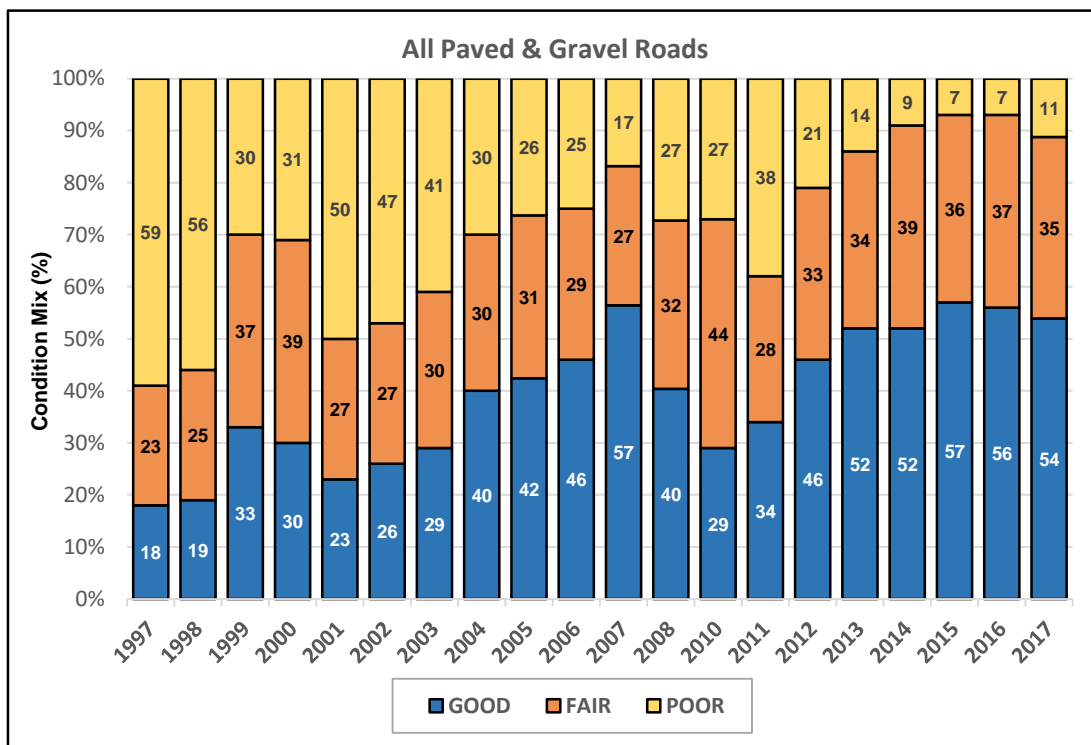
Source: GHA Road Maintenance Division

Table 4: Condition Mix of Paved & Unpaved Road Network Condition from 1997 to 2017

YEAR	GOOD		FAIR		POOR		TOTAL
	Km	%	Km	%	Km	%	Km
1997	2,512.0	18	3,210.0	23	8,233.0	59	13,955.0
1998	2,566.0	19	3,377.0	25	7,564.0	56	13,507.0
1999	4,433.0	33	4,970.0	37	4,030.0	30	13,433.0
2000	3,381.0	30	4,293.0	39	3,448.0	31	11,121.0
2001	2,726.0	23	3,152.0	27	5,984.0	50	11,850.0
2002	3,089.0	26	3,244.0	27	5,639.0	47	11,972.0
2003	3,272.0	29	3,316.0	30	4,540.0	41	11,128.0
2004	4,410.0	40	3,294.0	30	3,250.0	30	10,942.0
2005	4,739.0	42	3,510.0	31	2,928.0	26	11,177.0
2006	5,402.0	46	3,397.0	29	2,924.0	25	11,723.0
2007	6,342.0	57	2,970.0	27	1,868.0	17	11,180.0
2008	4,696.0	40	3,771.0	32	3,150.0	27	11,618.0
2010	3,865.0	29	5,841.0	44	3,556.0	27	13,263.0
2011	4,567.0	34	3,758.0	28	5,019.0	38	13,344.0
2012	6,183.5	46	4,411.8	33	2,881.9	21	13,477.0
2013	6,490.0	52	4,271.0	34	1,777.0	14	12,538.0
2014	7,492.3	52	5,643.6	39	1,262.8	9	14,398.7
2015	7,618.5	57	4,838.4	36	960.0	7	13,416.9
2016	8,171.9	56	5,428.6	37	982.1	7	14,582.6
2017	7,544.0	54	4,874.2	35	1,582.4	11	14,000.6

Source: GHA Road Maintenance Division

Figure 1: Graphical presentation of 2017 Road Condition Mix for Paved & Gravel Roads



Source: GHA Road Maintenance Division

Table 5: National Roads

Route No	Name	Major Towns Roads Traverse	Regions that the Roads Traverse
N1	Trans West Africa Highway	Aflao, Accra, Cape Coast Takoradi, Elubo	Volta, Greater Accra, Central and Western Regions
N2	Eastern Corridor	Tema, Hohoe, Jasikan, Nkwanta Bimbila, Yendi, Gushiegu-Kulungulu	Volta, Greater Accra, Oti, North East and Northern Regions
N3		Koforidua, Oterkpolu, Krobo Odumase	Eastern Region
N4		Accra, Aburi, Mamfe, Koforidua, Bunso Junction	Greater Accra and Eastern Regions
N5		Asikuma, Ho	Volta Region
N6	Central Corridor	Accra, Suhum, Nkawkaw, Konongo, Kumasi, Sunyani, Dormaa Ahenkro Gonokrom	Greater Accra, Eastern, Ashanti and Brong Ahafo Regions
N7		Sawla, Damango and Fulfulso	Savana Region
N8		Assin Fosu, Anwiankwanta, Kumasi Bechem	Central, Ashanti, Brong Ahafo and Ahafo Regions
N9		Tamale, Pusuga	Northern Region
N10		Daboasi junction, Atieku, Dunkwa, Kumasi Techiman, Kintampo, Tamale Bolga and Paga	Western, Central, Ashanti, Brong Ahafo, Northern, Bono East and Upper East Regions
N11	Northern Corridor	Bolga, Bawku, Pulimakom	Upper East Region
N12	Western Corridor	Elubo, Enchi, Juabeso, Goaso, Sunyani Wenchi, Bole, Wa, Nadowli Hamile	Western, Western North, Ashanti, Brong Ahafo, Ahafo Upper West, and Upper East Regions
N13	Northern Corridor	Lawra, Han, Tumu, Navrongo	Upper West & Upper East Regions
N14		Sakpeigu, Yawgu	Northern Region
N16		Tumu, Kapulima	Upper West Region
N18		Wa, Han	Upper West Region

Source: GHA Road Maintenance Division

CHAPTER TWO

2.0 ADMINISTRATION DEPARTMENT

2.1 Finance Division

2.1.1 Financial Status Report

Details of the Approved Budget Ceilings for the year 2019 and the pattern of releases as at 30th June, 2019 are provided below on the Table 6 below:

Table 6: Recurrent Expenditure

NO.	ITEM DETAILS	BUDGET APPROVED GH¢	AMOUNT RELEASED GH¢	% RELEASED
1	Compensation for Employees	26,786,676.00	16,395,478.14	61.21
2	Goods and Services	476,139.00	148,000.00	31.08
3	Investment – GOG: ABFA	170,000,000.00	5,632,074.69	3.31
	Arrears	968,485,430.00	503,506,293.65	51.99
4	Investment - Road Fund	200,050,695.35	120,446,585.90	60.21
	Arrears (31st Dec., 2017)	1,247,293,701.78		-
5	IGF (including Axle Load)	9,832,276.00	7,842,677.92	79.76
6	Investment - Donor	362,000,000.00	77,982,945.77	21.54
7	Tolls operational budget	26,645,663.57	7,722,068.00	28.98
8	Tolls operational arrears	3,622,858.50	3,622,858.00	100.00

NO.	ITEM DETAILS	JANUARY 2019 ARREARS	WORK DONE DURING THE YEAR	PAYMENT	ARREARS AS AT 30TH JUNE	
		GH¢	GH¢	GH¢	GH¢	
1	Salary Related Allowances	5,885,856.00		3,786,926.94	2,098,929.06	
2	Road Fund	Routine	355,061,547.40	84,990,498.85	15,704,287.19	424,347,759.06
		Periodic	707,410,929.75	219,709,363.63	104,174,350.66	822,945,942.72
		TOTAL	1,062,472,477.15	304,699,862.48	119,878,637.85	1,247,293,701.78
3	GOG	1,107,662,245.46	365,533,933.35	509,138,368.34	964,057,810.47	

2.1.2 Expenditure Incurred & Releases

Details of Approved Budget ceilings for the year 2019 and pattern of releases as at 30th June 2019 is provided in Table 7

2.1.2.1 Routine Maintenance

An amount of GH¢355,061,547.40 was outstanding for routine maintenance as 1st January, 2019. Certificate forwarded to the Road Fund for payment as at June amounted to GH¢84,990,498.85 and payments made by Road Fund Secretariat was GH¢15,704,287.19. The value of the two outstanding certificates stood at GH¢424,347,759.06 as at 30th June, 2019.

2.1.2.2 Periodic Maintenance & Minor Works

An amount of GH¢707,410,929.75 was outstanding for work done under Periodic Maintenance & Minor Works as at 31st January, 2019. The work done by Contractors as at 30th June amounted to GH¢219,709,363.63. Payments made to Contractors as at 30th June by Road Fund Secretariat amounted to GH¢104,174,350.66. The total outstanding Certificates as at 30th June, 2019 stood at GH¢822,945,942.72.

2.1.2.3 Development/Capital Projects

An amount of GH¢1,107,662,245.46 was outstanding as at 1st January, 2019 for GOG Funded Projects. Certificates submitted for work done as at 30th June 2019 amounted to GH¢365,533,933.35. The Total payment made by MOFEP for the period amounted to GH¢509,138,368.34. The total unpaid certificates as at 30th June, 2019 amounted to GH¢964,057,810.47.

Table 7: Summary of Funds Released as 30th June 2019

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Recurrent:					
Item 1 - Compensation -Salaries & Wages	GHC 9,421,086	GHC 6,974,392			GHC 16,395,478
Item 2- Goods & Services	GHC 0	GHC 148,000			GHC 148,000
Item 3- Salary Related Allowances	GHC 0	GHC 3,786,927			GHC 3,786,927
Subtotal Total Recurrent	GHC 9,421,086	GHC 10,909,319	GHC 0	GHC 0	GHC 20,330,405
Item 4 - Investment					
Routine Maintenance		GHC 15,704,287			GHC 15,704,287
Periodic Maintenance & Minor Works		GHC 104,174,351			GHC 104,174,351
Road Condition Survey					GHC 0
Consultancy - Road Fund/Training					GHC 0
Subtotal Investment	GHC 0	GHC 119,878,638	GHC 0	GHC 0	GHC 119,878,638
Ferry operation	GHC 0	GHC 0	GHC 0	GHC 0	
GHA Units		GHC 318,932			GHC 318,932
Tolls Operation - Current		GHC 7,722,068			GHC 7,722,068
Tolls Operation (To pay last year arrears)	GHC 3,622,859	GHC 0	GHC 0	GHC 0	GHC 3,622,859
Subtotals Totals Toll Operations	GHC 3,622,859	GHC 7,722,068	GHC 0	GHC 0	GHC 11,344,927
Axle Load and Weighing Management	GHC 2,322,108	GHC 2,130,645			GHC 4,452,753
Compensation			GHC 0	GHC 0	GHC 0
Capital/Investment					
GOG Release (both current & arrears)	GHC 503,506,294	GHC 5,632,075			GHC 509,138,368
DONOR					
EU	\$ -	\$ -	\$ -		\$ -
TSP					\$ -
TSIP		\$ 1,225,419.44			\$ 1,225,419.44
BRAZIL					\$ -
WATTFP					\$ -
DANIDA	\$ 11,440,811.10	\$ 2,544,256.66			\$ 13,985,067.76
Grand Total \$	\$ 11,440,811.10	\$ 3,769,676.10	\$ -	\$ -	\$ 15,210,487.20

Source: GHA Finance Division

*Exchange Rate \$ 1 = GH¢5,0800

2.1.3 Revenue from Tolls

2.1.3.1 Road and Bridges Tolls

Total revenue generated from Tolls excluding Ferry as at 30th June 2019 was GH¢36,276,977.48. This represented 2.27% increase as compared to the amount of GH¢35,471,722.79 collected for the same period as at 30th June 2018. There is a net recorded increase of GH¢ 805,254.69 Details are shown on Table 8 below.

Table 8: Comparative Revenue Performance Table for Manual & Automated Stations as at 30th June (2018 & 2019)

Toll Revenue Type	As at 30 th June, 2019 GH¢	As at 30 th June, 2018 GH¢	Increase/ Decrease GH¢
Toll Revenue from Roads and Bridges	36,276,977.48	35,471,722.79	805,254.69
Toll Revenue from Ada Ferry	20,054.50	30,900.00	(10,845.50)
Total	36,297,031.98	35,502,622.79	794,409.19

Source: GHA Finance Division

Table 9: Comparative Toll Revenue Performance (Actual and Budget, 2019 & 2018)

Toll Revenue Type	Budget as at 30 th June, 2019 GH¢	Actual Collection, as at 30 th June, 2019 GH¢	Percentage Achieved, as at 30 th June, 2019 %	Actual Collection, As at 30 th June, 2018 GH¢
Revenue from Manual Toll Stations	25,270.524.00	23,396,604.12	92.58	22,269,388.01
Revenue from Ada Ferry	63,000.00	20,054.50	31.83	30,900.00
SUB-TOTAL	25,333,524.00	23,416,658.62	92.43	22,300,288.01
Revenue from Automated Toll Stations	13,716,900.00	12,883,321.88	93.92	13,202,334.78
GRAND TOTAL	39,050,424.00	36,299,980.50	92.95	35,502,622.79

Source: GHA Finance Division

2.2 Human Resource Division

The Human Resources Division has the responsibility for the key practice areas of **Human Resource Planning & Evaluation, Rewards, Employee Relations** and **motivation** to help achieve the corporate goals of the organisation.

2.2.1 Human Resources Planning & Evaluation

As at 30th June, 2019, the staff strength of the Authority stood at **1.161** against an Establishment of **2,526**. This comprised **608** being 52.4% Senior Staff and **553** being 47.6% Junior Staff as shown in Table 10. Table 11 shows the Age Distribution of all Employees.

Table 10: Human Resource Strength – GHA Staff Structure as at 30th June 2019

DESCRIPTION OF OCCUPATION	ESTMT	ACTUAL STRENGTH	VACANCY	HQ	GAR	VR	ER	CR	WR	ASH	BAR	NR	UER	UWR	MMU I&II	BMU	MRH
TOP EXECUTIVES	4	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
DIRECTORS	26	20	6	14	1	1	0	1	0	1	0	1	1	0	0	0	0
ENGINEERS (FROM ASSIST. ENGR. TO PRIN)	172	145	27	76	3	6	8	5	6	8	7	6	5	5	3	4	3
OTHER PROFESSIONAL STAFF	87	56	31	33	2	4	3	1	1	4	2	2	2	2	0	0	0
ADMINITVE AND OTHER MANAGERIAL STA	481	182	299	85	10	7	8	12	6	11	8	7	8	8	7	3	2
TECHNICIAN ENGINEER STAFF	175	96	79	37	3	3	3	5	10	5	6	6	4	9	2	3	
TECHNICAL AND SUPERVISORY STAFF (I)	162	91	71	31	6	4	7	6	8	5	5	6	2	2	5	3	1
WORKS SUPERINTENDENTS	0	15	-15	7	0	0	3	2	1	0	0	0	0	0	1	1	
SENIOR STAFF	1107	608	499	286	25	25	32	32	32	34	28	28	22	26	18	14	5
TECHNICAL AND SUPERVISORY STAFF (II)	167	43	124	1	2	3	3	6	5	5	9	4	1	4	0	0	
FOREMEN	0	3	-3	1	0	0	0	0	0	0	0	1	1	0	0	0	
ROAD OVERSEERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLERICAL STAFF	219	56	163	18	0	2	8	2	5	7	5	5	0	3	1	0	
SKILLED WORKERS	483	196	287	51	6	7	10	9	13	19	8	12	6	5	30	20	
SEM-SKILLED	550	255	295	84	9	15	26	17	8	18	16	18	12	11	13	8	
TRAINEES / APPRENTICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JUNIOR STAFF	1419	553	866	155	17	27	47	34	31	49	38	40	20	23	44	28	0
GRAND TOTAL	2526	1161	1365	585	42	52	79	66	63	83	66	68	42	49	62	42	5

TECH.& SUPERVISORY STAFF (I) = (SNR.TEC.OFFR. TO CHF.TEC.OFFR.)

TECH.& SUPERVISORY STAFF (II) = (TEC.OFFR GDII & TEC.OFFR GDI)

Source: GHA Human Resources Division

Table 11: Age Group Distribution – Whole of GHA as at 30th June 2019

AGE GROUP DISTRIBUTION OF ALL GHA STAFF-JUNE -2019							
OCCUPATION CATEGORY	55 AND ABOVE	50-54	45-49	40-44	35-39	4 AND BELOW	TOTAL
ADM./ OTHER MANAGERIAL STAFF	57	26	9	15	41	34	182
CLERICAL STAFF	21	6	0	0	9	20	56
ENGINEERS	32	23	10	15	37	51	168
FOREMAN/CHARGEMAN	0	0	0	0	2	1	3
OTHER PROFESSIONAL STAFF	13	6	7	10	15	5	56
SEMI-SKILLED STAFF	86	27	22	36	45	39	255
SKILLED WORKERS	72	36	16	33	24	15	196
SUPERINTENDENT	12	3	0	0	0	0	15
TECH.& SUPERVISORY STAFF (I)	23	12	3	10	25	18	91
TECH.& SUPERVISORY STAFF (II)	0	1	0	2	7	33	43
TECHNICIAN ENGINEER STAFF	27	11	5	14	22	17	96
	343	151	72	135	227	233	1161

Source: GHA Human Resources Division

2.2.2 Recruitment of Key Staff to Replace Exited Key Staff

There was no recruitment during the quarter under review.

2.2.3 Staff Promotions

Eleven (11) staff members were promoted without interview for various categories of job positions. Eight (8) out of the number were Senior Staff and Three (3) were Junior Staff.

2.2.4 Labour Turn Over

A total of Fourteen (14) members of staff exited the organization, Twelve (12) proceeded on compulsory and voluntary retirements. Details of staff exits including retirements, deaths, resignations and dismissals are shown in Table 12.

Table 12: Labour Turn Over as 30th June 2019

Exits	Senior Staff	Junior Staff	Total
Retirement	6	6	12
Resignation	0	0	0
Deaths	1	0	1
Dismissals	0	1	1
Vacation of Post	0	0	0
Total	7	7	14

Source: GHA Human Resources Division

2.3 Internal Audit Division

The Division made available to Management various reviews, recommendations and undertook a series of control activities during the 2nd quarter of 2019. Table 13 shows details of some of the key activities undertaken by the Division in period under review and their status.

Table 13: Details of Audit Activities Carried in 2nd Quarter 2019

Item No.	Activity Description	Status
1	Review of IPC No. 3 of Reconstruction of Kete Krachi-Kpandai-Nakpanyili Road Project-	On-going
2	Review of IPC No. 2 of Reconstruction of Kete Krachi-Kpandai-Nakpanyili Road Project	Completed
3	Review of IPC No. 12 of Construction of Bolgatanga-Polimakom Road Project	On-going
4	Review of the Eastern Corridor Road Project-Lot 5 & 6- IPC 5 & 6	On-going
5	Review of the Installation of Road Safety Features of Mallam-Winneba and George Walker Bush N1 Highway (Road Line Markings)	On-going
6	Eastern Corridor Road Project-Upgrading of Nkwanta Oti-Damango (KM 0-50) IPC Nos. 11 and 13	Completed
7	Review of Monthly Expenditure Returns <ul style="list-style-type: none"> • March, 2019, Northern Region • March, 2019 Upper East Region • April, 2019 Upper East Region • April, 2019 Ashanti Region • May, 2019 Ashanti Region • October, 2018 Head Office Region • November, 2018 Head Office Region • December, 2018, Head Office Region • February, 2019 Northern Region-IGF • March, 2019, Tamale, Northern Region-IGF • April, 2019 Tamale, Northern Region-IGF 	Completed On-going On-going On-going
8	Pre-Audit of salary inputs (promotions, interdiction, transfers and compulsory retirement)	On-going
9	Accounts Payables: Compensation and Accounts Payable Inventory	Completed
10	Examination of Monthly Expenditure Returns: <ul style="list-style-type: none"> • BMU – January to March 2019 • Greater Accra Region – January to March 2019 • Eastern Region – January – March 2019 • Volta Region – January – March 2019 	Completed

11	<p>Road Rehabilitation Cash Account: Examination and Vouching of Value Book Register, Bank Register, Cheque Stabs with Bank Register, Deposit Slips with Bank Register, Reconciliation of Bank Statement with Bank Register. Etc</p> <p>Examination of Monthly Expenditure Returns:</p> <ul style="list-style-type: none"> • BMU – April to May 2019 • Greater Accra Region – April to June 2019 • Eastern Region – April – May 2019 • Volta Region – April – May 2019 • Examination Road Sector Development Project payment vouchers – April- May 201 • Examination Road Sector Development Project payment vouchers – April- May 2018 • Examination of Central Administration Main Payment Vouchers 	<p>Completed</p> <p>On-going</p> <p>Completed</p> <p>Completed</p> <p>Completed</p>
12	<p>Audit of TSPS II cash Account-January to April 2018</p> <ul style="list-style-type: none"> • Vouching of value book register. • Examination of bank register. • Vouching of cheque stubs with the bank register. • Vouching of cash receipts vouchers with the bank register. • Vouching of deposit slips with the bank register. • Examination of bank statements and bank reconciliation statements. <p>Examination of monthly expenditure returns from regions:</p> <ul style="list-style-type: none"> • Central Region – April and May, 2019 • Eastern Region – April, 2019 • Western Region – April and May, 2019 	<p>On-going</p> <p>Completed</p>
13	<p>Review of the following documents in Spare Parts and Stationery Store for January to December, 2018</p> <ul style="list-style-type: none"> • Tally Cards • Unallocated Stores • Stores Ledger • Store Requisition & Issue Vouchers 	

Source: GHA Internal Audit Division

2.4 Legal Services Division

Table 14 below gives a summary of cases pending in the various courts in the country

Details of the statuses of each of these cases are also shown on Table 15 below.

Table 14: Summary of Cases Pending as at 30th June 2019

	Summary	Total No. of Court Case
1	Compensation in relation to Land	14
2	Tresspass to land	1
3	Alleged Wrongful Dismissal/ Retirements	2
4	Road Accidents	1
5	Negligence	1
6	Dormant	9
7	Undertakings for Payment in Joint Names	1
8	Wrongful Termination of Contracts	3 (one (1) is dormant)

Source: GHA Internal Legal Services Division

Table 15 Details of Cases in Courts as at June 30th 2019

	TITLE	COURT	SUBJECT	REMARKS
1	Otinshie Land Case Nuumo Adjei Kwankwo Vrs GHA ORS	High Court, Accra	Alleged trespass to land in Accra belonging to the Authority.	Dormant
2	Wisdom Awuku & Boadi Acheampong VRS GHA	Court of Appeal, Accra	Alleged wrongful dismissal	Appeal to the Supreme Court by the Plaintiffs is still pending.
3	James Manu Vrs GHA	High Court, Kumasi	Compensation	Pending
4	JoeMersa Co. Ltd. Vrs GHA	High Court, Commercial Division, Sunyani	Damages for wrongful termination of contract	Dormant
5	Long Life Confectionery Vrs. Ltd 1. Attorney General 2. GHA 3. China Railway Corp.	High Court, Accra	Compensation	Case adjourned Sinidae to enable Plaintiff find a new lawyer.
6	Esther Boye Boateng Vrs 1. Joyce Ansong 2. GHA	High Court Koforidua	Compensation	Case on-going.
7	Kwesi Attah Vrs 1.Kingsley Kwakye 2. Sowah Adjetey 3. GHA	High Court Koforidua	This is an accident case and the Plaintiff who was an affected person sued the Authority and its driver among others.	Amicable settlement reached with Plaintiff to be compensated.
8	1. Mrs. Florence N. Agyeman 2.Mr. Charles Agyeman Vrs 1.ECG 2.AARSELF Gh. JV 3.Dopel Engr Ltd. 4.GHA	High Court Kumasi	Plaintiff first sued the first 3 Defendants and later joined the Authority to compel Defendants to rebuild or pay current value of their house and replace family belongings and jewellery that got burnt by fire during the relocation of E.C.G. lines along the Kumasi –Konongo Road Project.	Plaintiff to furnish GHA with title deeds over property to enable process of compensation evaluation to proceed.
9	Elvis Kwaku Agyeman Badu Vrs. GHA	High Court (Labour Division) Accra	Plaintiff sued the Authority for the payments of outstanding salaries and benefits up to his retirement date – 1 st Sept. 2011.	Dormant
10	Mercy Kabuki Tettehfo(Nee Akrofi) Vrs GHA	High Court (Labour Division) Accra	The Plaintiff claimed that she was compulsorily retired by the Authority even though she has not yet reached the compulsory retirement age of 60 years. The High Court gave judgement in favour of Plaintiff. The Authority has appealed to the Court of Appeal.	Court granted appellant application for extension of time to file written submissions.
11	1.Amoako Ababio & Co. 2.Valuation Dev. Service Vrs GHA	Fast Track High Court, Accra	Writ filed by Plaintiffs to recover from the Authority proposal fees for a Valuation exercise for clients which the GHA failed to pay against the advice of LVD of the Lands Commission .	Dormant
12	Douglas Carl Botwe Vrs GHA	High Court Commercial, Kumasi	The Plaintiff sued claiming payment of compensation due him for the destruction of his 2No. properties during the construction of the Kumasi – Konongo Road Project.	Plaintiff's appeal against Judgement in the other matter still pending.
13	Edward Kobblah Penu Vrs Millennium Development Authority, GHA	High Court Human Rights Division, Accra	This case related to the Tetteh Quarshie Mallam Highway. It is a claim for compensation for properties affected by the project. The Plaintiff has furnished a copy of his Property's Valuation Report to the Authority and the Land Valuation for vetting and approval to enable the matter to be settled amicably out of court.	Documentation on LVD Approvals on Plaintiff's claim forward to our Sector Ministry for onward transmission to the Ministry of Finance for release of money.
14	Top Oil Vrs 1. Alhaji Yussif & GHA	High Court (Land Division) Tema	The Defendant Alhaji Yussif sued the Authority by a counter claim for the wrongful payment of compensation money to the Plaintiff Top Oil.	The case is pending
15	Japan Motors Trading Co. Ltd Vrs GHA	High Court (Commercial Division)	The Plaintiff sued for an Order to direct the Authority to pay an amount of ¥27,612,692. 00 million Japanese Yen being the contract sum for the supply of two water tankers due them.	Plaintiff's application for summary judgment on interest and cost rejected by the court. Case pending.
16	Nyagsi Engineers Ltd. Vrs GHA	High Court, Commercial Division – Accra	Plaintiff sued the Authority for breach of contract.	Plaintiff's amended entry of judgement has been forwarded to the Ministry of Roads & Highways with a request for funds to be released to pay Plaintiff.
17	Aduana Dawurampong Stool of Assin Atadanso Vrs GHA	High Court, Fast Track Division – Accra	Plaintiff sued the Authority for the recovery of GH¢668,958.43 for value of gravel and other soil material won from Plaintiff's land.	Dormant
18	Ben Sevor Vrs GHA & Other	High Court, Accra	Plaintiff sued the Authority for a declaration that all the Defendants were endangering human lives including Plaintiff's for not attending to potholes created on the Accra – Ho trunk road at Mampong Shai Street junction.	Dormant
19	Nana Adu Agyei Bonse II Ohene of Old Akraide Vrs GHA	High Court, Koforidua	Plaintiff sued the Authority for an Order by Court to compel the Authority to give them a fair and reasonable portion of the proceeds arising from the operations of the Pontoon Services from Old Akraide to Senchi and also for the Authority to file in Court the accounts of proceeds arising out of the Pontoon Services.	Dormant

20	Sydney t. Danso Ladans	High Court, General Jurisdiction, Accra.	Plaintiffs sued the Authority claiming cost of medical and related expenses as well as damages for an accident near Islamic High School near Okurasi Junction, Suhum.	Dormant.
21	Edward Afful	High Court, Koforidua.	Plaintiff sued for trespass to his land, an order for valuation of land and assessment of damages and payment of compensation.	Plaintiff has challenged LVD approved values of his claim.
22	Ebusuapanyin Kingsly Quayson Vrs 1. Ghana Water Co. 2. GHA	High Court, Cape Coast.	Plaintiff sued for declaration of title to land abutting Cape Coast - Takoradi Road which he alleges to be trespassed on by the Defendants by laying pipelines without authorization.	Case pending.
23	Nsuta Stool Vrs GHA	High Court, Kumasi	Plaintiff sued for recovery of land on which GHA has a Road Camp. Because GHA has not performed the necessary customary function in recognition of Plaintiffs ownership.	Plaintiff engagement by GHA to regularize ownership is still on-going.
24	Madam Benedicta Adwoa Anibea Vrs Ghana Highway Authority	High Court, Koforidua	Plaintiff sued for the disclosure of total amount of compensation paid to 3rd, 4th, 5th and 6th Defendants and an order for the Defendants to account for all monies received and pay reasonable proportion of the monies received by the 3rd, 4th, 5th and 6th Defendants to the Plaintiffs as compensation for demolition of H/NO. GHA/OM 32, Omenako.	The case is pending
25	Quarcoo Tetteh Vrs 1. China Railway (WUJU) Group Corporation 2. Ghana Highway Authority	High Court, General Jurisdiction, Accra.	Plaintiff sued the Authority for damages for the destruction of his fish pond and stock of fish, loss of office equipments and household property and for the loss of revenue from the recreational centre estimated at about GH¢100,000.00	Evidence taking has commenced.
26	Danmens Mechanical Co. Ltd. Vrs Ghana Highway Authority	High Court, General Jurisdiction, Accra.	GHA's Western Region Hired its machine shop to Plaintiff who failed to pay rent for years. GHA locked the shop after several attempts to recover rent monies failed. Plaintiff then sued for relief.	Case at technical stages at the court.
27	Zikpuitor Yaovi Zor Vs GHA & 2Others	High Court, Ho.	Plaintiff sued for an order for GHA to pay compensation money belonging to Mathias Kofi Zor and an order to set aside the Letters of Administration of 2Other Claimants	Case pending
28	Yaw Abekwei Vs MiDA, GHA, Land Commission & AG	High Court, General Jurisdiction, Accra.	Plaintiff sued for an order the payment of GH¢1,415,826.75 being compensation for compulsory acquisition of his land.	Case pending.
29	Isaac K. Brefo Vs Mr. Amo & GHA	High Court, Accra.	Plaintiff sued for Defamation of Character, General Damages for denial of business development and encroachment on land.	Case dormant.
30	Madam Charity Amponsah - Mensah vs GHA & 5 Others	High Court, Land Division - Accra	Plaintiff sued for Declaration of Title and Recovery of land situated near old Dimples which forms part of the N1 Highway Road Reservation.	Plaintiff has withdrawn suit against GHA due to the realization that subject land has been acquired by an Executive Instrument (EI).
31	Agricultural Development Bank (ADB) Ltd. vrs 1. African Modern Builders Ltd. 2. Fataou Awudu 3. GHA	High Court, Commercial Division, Sunyani	Plaintiff sued the Defendants for recovery of GH¢2,352,253.00 from 1st Defendant as well as interest on same from 7th May 2018 till date of payment. GHA is in the case because of an undertaking given to effect payment in joint names of the Bank/ 1st Defendant which was not honoured.	Case at Pre-Trial Conference stage.
32	Ghana Airports Co. Ltd. Vrs. 1. GHA 2. Ali Issah 3. Ali Issah Ltd., Kumasi	High Court, Kumasi	Plaintiff sued GHA for the recovery of Land it claimed GHA is occupying illegally and for an order directed at GHA to vacate the land.	Case pending.

Source: GHA Internal Legal Services Division

2.5 Management Information Systems Division (MIS)

2.5.1 In-house Activities

The Division continued its function of providing overall co-ordination and supervision of the Authority's data operations, computer systems, networking and hardware services.

The training of staff on the use of computer and other related equipment has been an on-going process.

2.5.2 Toll Operations

In line with routine works, the Technical Team of the Division visited the following toll booths (Kasoa, Ashiaman and Accra–Tema motorway) to maintain equipment in the toll booths.

Seventy-one (71) E-cards were produced for customers on request during the quarter under review.

Toll Automation Software

The MIS Division has requested the Computer Science Department of the University of Ghana to modify the existing Toll Software so that pending invoices can be regenerated. This request became necessary when it was identified that incomplete transactions needed to be regenerated for some customers. The request has been successfully executed by the Computer Science Department of the University of Ghana and certified by the MIS Division.

2.5.3 Dedicated Internet at GHA Head Office

Preparation of the Contract Document is ongoing.

Active Directory System

MIS is liaising with the Training division to conduct training for staff of GHA on the Active Directory.

Anti-Virus Installation

The division deployed Kaspersky anti-virus software on one hundred and Seventy one (171) desktops and laptops at the GHA Head Office and Greater Accra and Central Regional Offices. This exercise was undertaken to control the spread of virus through the Head Local Area Network and individual computer systems. The remaining licenses of One Hundred and twenty will be deployed in the Ashanti, Brong Ahafo, Northern Regions before the end of the 3rd Quarter 2019.

2.6 Public Affairs Division

Activities

Advertisement / Announcement

- ✚ Supply and Installation of One (1) Pickup Truck and Two (2) Portable Weighing Pads with Accessories and Four (4) Full Size Weighbridges with Accessories [LOT 1,2&3] [IFT: GHA/NCT/GDS/03/18]
- ✚ Supply and Installation of High-Speed Weigh in Motion Systems Jama And Akatsi Weighbridge Stations Invitation for Tenders (IFT NO.: GH-GHA-44958-GO-RFQ) Addendum No.1
- ✚ Periodic Maintenance of Trunk Roads Invitation for Tenders (IFT) Tender No.: GHA/PMTR/-2019
Routine Maintenance of Trunk Roads (Unpaved)
- ✚ Invitation for Tenders (IFT) Tender No.: GHA/UER/RTM/GRD/-2019
- ✚ Request for Expression of Interest
- ✚ National Competitive Tendering (NCT) Invitation for Tenders (IFT) Tender No. GHA/HO/PM/UPG.REH./-2019

Press Activities/Engagement

Interviews carried out on Television station collaboration with Ghana Police Service MTTD on Roads Safety issues on the following topics

- ✚ **Indiscipline on our Roads**
- ✚ **Stakeholder Engagement**
- ✚ **Sensitization/ Education Exercise**

2.7 Training & Development Division

A summary of Training & Development programme for the year 2019 is presented in Table 16. Details of various programmes that were organised during the quarter is also shown in Table 17.

Table 16: Training & Development Programme for the Year 2019

			NO. OF STAFF	NO. TRAINED	NO. TRAINED	NO. TRAINED	NO. TRAINED	REASONS FOR ACHIEVEMENT
	ACTIVITY	LOCATION	TO BE TRAINED	IN 1ST	IN 2ND	IN 3RD	IN 4TH	
CATEGORY			IN THE YEAR	QUARTER	QUARTER	QUARTER	QUARTER	
MGT. LEVEL	Seminar/Conference/Workshop	Foreign	2	0	1			4th Annual Concrete Technology Training Tour, Botrop, - Germany
	Fellowship	Foreign	0	0	0			
	Seminar/Conference/Workshop/(In-house)	Local	40	1	16			2019 Annual Strategic Management Workshop - Anita Hotel, Kumasi
	Local Institution	Local	20	0	0			
MIDDLE LEVEL	Seminar/Conference/Workshop	Foreign	5	2	1			4th Annual Concrete Technology Training Tour, Botrop, - Germany
	Higher Level Training	Foreign	2	0	0			
	Fellowship	Foreign	6	0	0			
	Seminar/Conference/Workshop (In-house)	Local	266	13	12			Ghana Highway Staff on GIFMIS - GIFMIS Secretariat, Certificate in Cyber Security Course - Kofi Annan Int. Peace Keeping Trng. Centre (KAIPTC)
	Higher Level Training (MSc/MBA)	Local	7	8	7			MSc in Road & Transportation Engineering - KNUST, MBA in Finance and Taxation GIMPA, MBA in HRM, UGBS,
	HND/BSc. Programme	Local	4	3	3			BSc in Information Technology - Ghana Technology University, BSc in Information Technology, Pentecost University
	Local Institution	Local	50	0	0			
JUNIOR STAFF	HND/BSc. Programmes	Local	4	0	0			
	Seminar/Wkshop/In-house	Local	80	0	0			
		TOTAL	515	27	40			

Source: GHA Training & Development Division

Table 17: Training & Development Programme organized in the 2nd Quarter of 2019

NO	LOCATION	COURSE TITLE	NO. OF PARTICIPANTS	LEVEL	COUNTRY/ VENUE
1	FOREIGN	4th Annual Concrete Technology Training Tour	1	Mgt.	Botrop, Germany
2	LOCAL	2019 Annual Strategic Management Workshop	16	Mgt.	Anita Hotel, Kumasi
3	FOREIGN	4th Annual Concrete Technology Training Tour	1	Middle	Botrop, Germany
4	LOCAL	Ghana Highway Staff on GIFMIS	10	Middle	GIFMIS Secretariat
5	LOCAL	Certificate in Cyber Security Course	2	Middle	Kofi Annan Internantional Peace Keeping Training Centre (KA IPTC)
6	LOCAL	MSc in Road Transportation Engineering	5	Middle	KNUST, Kumasi
7	LOCAL	MBA in Finance and Taxation	1	Middle	GIMPA
8	LOCAL	MBA In HRM	1	Middle	University of Ghana Business School
9	LOCAL	BSc Information Technology	1	Middle	Pentecost University
10	LOCAL	BSc Information Technology	2	Middle	Ghana Technology University

Source: GHA Training & Development Division

CHAPTER THREE

3.0 MAINTENANCE DEPARTMENT

3.1 Road Maintenance Division

3.1.1 Maintenance Projects

- **Routine Maintenance**

A total of 22,097.00km of Routine Maintenance works has been approved for the year 2019.

As at the second quarter of 2019 7,013.02km of routine maintenance works has been achieved for Grass Cutting, Ditch Cleaning, Grading and Pothole Patching works out of the total approved for the year.

Details of the achievements in the various activities are shown in Table 18

- **Periodic Maintenance & Minor Rehabilitation**

A total of 64.14km of Periodic Maintenance Works have been approved for the year 2019 out of an annual programme of 427.04km, 8.33km was achieved within the quarter.

Table 18 and figure 2 give details of achievements in the various maintenance activities to date.

9.32km of minor rehabilitation works was achieved out of an approved programme of 15.76km within the quarter.

Table 18: Achievements in Routine & Periodic Mtce. Projects –as at 2nd Quarter 2019

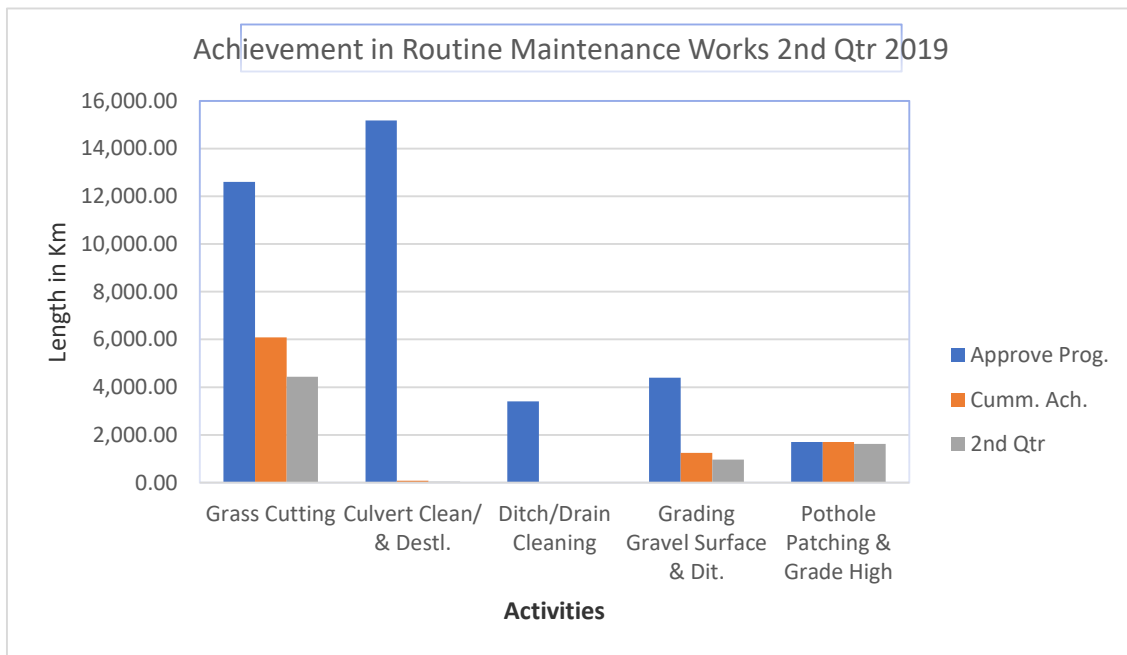
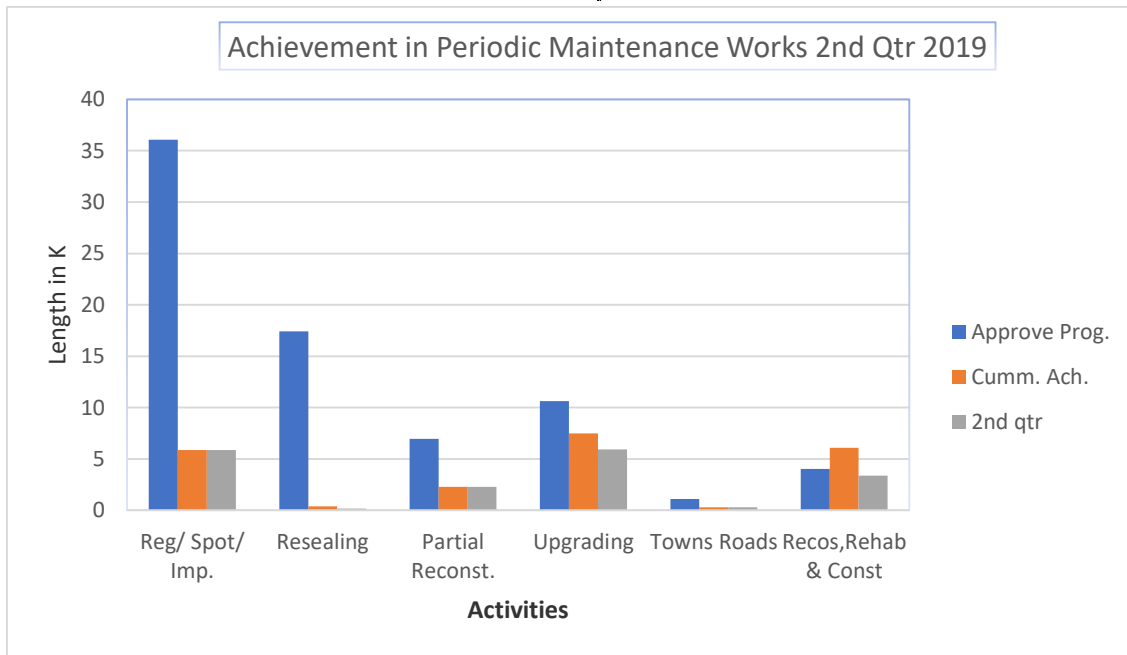
GHANA HIGHWAY AUTHORITY

ACHIEVEMENTS IN ROUTINE AND PERIODIC MAINTENANCE WORKS
2019

ACTIVITY	2019 PLANNED PROGRAMME		2019 APPROVED PROGRAMME		1 ST QUARTER ACHIEVEMENT	2 ND QUARTER ACHIEVEMENT	3 RD QUARTER ACHIEVEMENT	4 TH QUARTER ACHIEVEMENT	CUMM. ACHIEVEMENT	ACHIEVEMENT PER APPROVED PROGRAMME (%)
	UNITS		UNITS							
ROUTINE MTCE										
Grass Cutting	Km	12,599.20	Km	12,599.20	1,654.89	4,433.36			6,088.24	48.32
Culvert Cleaning & Desilting (No.)	No.	15,173.00	No.	15,173.00	41.00	41.00			82	0.54
Ditch/Drain Cleaning/Sweeping of Arte. RDS	Km	3,403.20	Km	3,403.20						
Grading Gravel Surface & Ditch Cleaning	Km	4,393.00	Km	4,393.00	285.41	961.40			1,246.82	28.38
Pothole Patching & Grade High Shoulders	Km	1,701.60	Km	1,701.60	88.15	1,618.26			1,706.41	100.28
TOTAL		22,097.00		22,097.00	2,028.45	7,013.02			9,041.46	40.92
PERIODIC MTCE										
Regravelling/Spot Improvement	Km	131.30	Km	36.07		5.87			5.87	16.27
Resealing	Km	80.00	Km	17.43	0.20	0.18			0.38	2.18
Partial Reconstruction	Km	22.23	Km	6.95		2.28			2.28	32.81
Overlay	Km	9.76	Km	0.65						
Drainage Structures & Bridges	GH¢'M	62.78	GH¢'M	14.00						
TOTAL		243.29		61.10	0.20	8.33			8.53	13.96
Upgrading	Km	18.36	Km	10.64	1.54	5.94			7.48	70.30
Rehabilitation of Town Roads	Km	14.14	Km	1.10	0.30				0.30	27.27
Reconstruction, Rehabilitation & Construction (Former Enhanced Projects)	Km	42.48	Km	4.02	2.70	3.38			6.08	151.24
TOTAL		74.98		15.76	4.54	9.32			13.86	87.94

Source: GHA Road Maintenance Division

Figure 2: Achievements in Maintenance Projects



Source: GHA Road Maintenance Division

3.1.2 New Projects

Periodic Maintenance (Periodic and Minor Rehabilitation)

No new Periodic Maintenance Works were awarded within the 2nd quarter of 2019.

On-going Projects

Currently there are Six Hundred and Eighty-One (681) on-going Periodic Maintenance Projects. The breakdown into various activities and the funding source is shown in Table 19 below.

Table 19: On-going Maintenance Projects

ACTIVITY	NO. OF PROJECTS/SOURCES OF FUNDING				LENGTH (KM)
	CONSOLIDATED FUND	GOLD FIELDS GHANA LIMITED	ROAD FUND	COCOBOD	
REGRAVELLING/SPOT IMPROVEMENT			40		327.60
RESEALING			31		185.10
PARTIAL RECONSTRUCTION	12		6	23	744.90
SECTIONAL REPAIRS/PARTIAL RECONSTRUCTION/ASPHALTIC OVERLAY	2		2		63.70
TOWN ROADS	4		3		45.20
UPGRADING	56		24	25	2,025.17
REHABILITATION (UNPAVED)	1		3		137.00
REHABILITATION (PAVED)	10	2	10	4	489.60
RECONSTRUCTION	6		4	4	366.40
CONSTRUCTION			3	4	265.10
CONSTRUCTION/REHABILITATION			1		12.00
BRIDGE/DRAINAGE STRUCTURES			333		
SPEED TABLES			9		
ROADLINE MARKING			59		
TOTAL	91	2	528	60	4,661.77
	681				

Source: GHA Road Maintenance Division

3.1.3 Completed Projects

No projects were completed during the quarter under review.

3.1.2 2016 Road Condition Survey

Data Collection

The Roughness Index data collection is currently ongoing, Subsequently, the 2018 Road Condition Report is expected to be prepared by the end of the 3rd quarter.

3.1.3 GHA Units (MMUI, MMUII, & BMU)

MMUI

The Unit is based at Techiman and is responsible for the Northern Sector of the country.

MMUII

This Unit is based at Suhum in the Eastern Region and is responsible for the Southern Sector of the country.

BMU

The Bridge Maintenance Unit (BMU) has been charged with the responsibility of maintaining and repairing defective bridges and major culverts in the country. The Unit has two camps, one at Kukurantumi in the Eastern Region, taking care of the southern sector and the other at Techiman in the Brong Ahafo Region responsible for all bridges in the northern sector of the country.

Details of work executed by the various Units are shown in Table 20.

Table 20: Details of Works by MMUI MMUII & BMU –2nd Quarter 2019

PROGRESS REPORT ON WORKS EXECUTED BY GHA UNITS IN THE 2 ND QUARTER OF 2019							
GHA Units	Road Name	Activity	Length (km)	Project Cost (GH¢M)	Total cost of Work done to date (GH¢M)	Cumulated Achievement (%)	Remarks
MMU I	Sawla - Bamboi Road	Resealing	153	6.64	2.58	28.00	
	Adansi - Asokwa Weigh Bridge Project	Renovation works	-	1.17	1.17	65.00	Paving grout completed. Renovation of buildings on-going.
	Toll Booth at Awaso	Construction	-	-	-	-	
MMU II	Koforidua - Suhum (Resealing/Partial Reconstruction)	Resealing/Partial Reconstruction	29	7.00	0.02		
	Essuehyia - Otum Road Phase II	Rehabilitation	6.3	2.30	1.70	92.00	Sealing works on-going
BMU	Kaneshie Foot Bridge		-	0.04	0.02		
	Repair of 50 Bridges in 10 Regions	Repair Works	-	1.50			
	Yensiso Bridge	Repair Works	-	0.02	-	60.00	Damaged parapet wall replaced with steel railings. Sealing of crack in abutment stem on hold due to water level.
	Bridge at Nkumkum	Replacement of Deck	-	0.10	-	45.00	Extension of abutment complete.
	Bridge over R. Mogla at Nakpali	Construction of abutments and piers.	-	0.68	-	40.00	The base for the two abutments and two of the piers have been cast. The stem of one of the pier has been cast 2m above the base. Excavation for the last piers footing is not yet done due to high water level.

Source: GHA Road Maintenance Division

3.2 Plant & Equipment Division

3.2.1 Operations

The Division is responsible for

- ✚ Procurement, maintenance, repairs and keeping records of Plant and Equipment of the GHA.
- ✚ Procurement of general goods (spare parts, oils & lubricants, tyres, batteries etc), stocking of goods, issuing out of goods and updating of stock levels of all goods at the warehouses quarterly and yearly
- ✚ Provision of Ferry Services.

Central Mechanical Workshop

During the quarter under review 134 jobs were received and 116 jobs were completed constituting about 86% leaving 14% outstanding jobs at the Central Mechanical Workshop.

The summary of the jobs received and completed at the various sections are as follows:

Table 21: Details of Completed Jobs (GHA) as at 30th June 2019

Month	April		May		June		Total	
	Recd.	Comp.	Recd.	Comp.	Recd.	Comp.	Recd.	Comp.
Light	20	20	26	21	13	13	59	54
Electrical	16	14	14	12	8	8	38	34
Engine	1	1	1	1	0	0	2	2
Ancillary	8	4	13	6	5	5	26	15
Heavy	2	3	3	2	0	2	5	7
Machine	1	1	2	2	1	1	4	4
							134	116

Note: Recd = Received, Comp = Completed

Note: Recd = Received, Comp = Completed

Source: GHA Plant & Equipment Division

✚ Kumasi Zonal Workshop

3.2.2 Completed Jobs (Private Jobs):

Revenue generated from private jobs undertaken during the quarter under review amounted to Three Thousand Two Hundred and Twenty Ghana Cedis (GH¢3,220.00) mainly from the heavy section.

3.2.3 Ferries

Messrs. Sogakope

It is currently operational and undertaking trips on the Ada Foah-Amedeka route but not on the Ada Foah-Anyanui route. The inability to embark on the Ada Foah-

Anyanui route is due to the sand banks at the landing site. This situation is negatively affecting the movement of the people living in and around Anyanui.

Messrs. Okor

As reported in the 1st Quarter M/S Okor has been slipped out of water and grounded over several years. Management has approved the sale of this ferry as scrap and the process is currently in progress.

3.2.4 Stores & Supplies Section

The Stores and Supplies Section of the GHA is charged with the responsibility of;

- ❖ Procurement of General Goods (spare parts, oils & lubricants, tyres, batteries etc) using the guidelines of the Public Procurement Authority.
- ❖ Stocking of goods in designated warehouses at the Central and Regional Stores.
- ❖ Issuing out of goods and as and when, necessary using requisitions submitted by the end users of the goods.
- ❖ Updating of stock levels of all goods at the warehouses quarterly and yearly.

3.2.4.1 Procurement

The following tenders have been advertised pending tender opening and evaluation.

- ❖ Supply and installation of one (1) pick-up truck and two (2) portable weighing pads with accessories and four (4) full size weighbridge with accessories.
- ❖ Supply of four (4) portable weighing pad and accessories.
- ❖ Supply of four (4) pick-up trucks and two (2) weighing vans.
- ❖ Supply of two (2) high speed weigh-in-motion system for Jema and Akatsi.
- ❖ The tender below has been awarded and delivery of goods is still in progress
- ❖ Supply of computers, printers and accessories

The under-listed items were procured using the L.P.O.

Table 22: LPO Procurement as at the end of 2nd Quarter 2019

25/04/19	0554793	SPEEDIUM ENT.	A4 2PLY FORM	8,162.75
22/05/19	0554799	Great Eagles Ent.	Thermal Rolls (100 Packs in a Box)	86,520.00
23/05/19	0553900	Washisco Ent.	17 Plate Battery	750.00
23/05/19	0553900	Washisco Ent.	265/65 R17 Tubeless Tyres(Good Year)	3,800.00
10/06/19	0554802	Solar Pioneer GH Ltd.	T8 2ft Led Tube	48,204.00
18/06/19	0554800	Billy Pull Ent.	Thermal Rolls 80mm X80mm (50 Packs In A Box)	43,260.00
18/06/19	0554804	Washisco Ent.	265/65 R17 Tubeless Tyres Dunlop	1,700.00

Source: GHA Plant & Equipment Division

CHAPTER FOUR

4.0 DEVELOPMENT DEPARTMENT

4.1 Bridges Division

- ❖ Construction of Austrian Bridges on Wa – Walewale road (5No. Bridges).
The project has been divided into five Lots:
Lot 1. Construction of Steel Bridge over River Gyanwali at Kundugu on the Yala-Kundungu- Sombisi Road. 35m Span.
Contractor: M/S Mallam Issah Ishaku & Bros Ltd
Contract Value: GH¢2,584,437.66
Award Date: 6th October, 2011
Commencement Date: 23rd June, 2013
Scheduled Completion Date: 22nd June, 2014
Progress is 80%. Payment has not been received from Ministry of Finance to date.
Works have stalled as a result.

- ❖ **Lot 2. Construction of Steel Bridge over River Kudage on the Sombisi – Tantali Road-35m Span.**
Contractor: M/S Bachest Ghana Ltd
Contract Value: GH¢2,313,369.93
Award Date: 6th October, 2011
Commencement Date: 25th May, 2013
Scheduled Completion Date: 31st December, 2014
Progress is 76%. Payment has not been received from Ministry of Finance to date.
Works have stalled as a result.

- ❖ **Lot 4. Construction of Steel Bridge over River Gongonwu on the Tuvuu-Yikpabongo Road- 70m.**
Contractor: M/S Jiangxi Zhongmei Eng. Const. Co. Ltd
Contract Value: GH¢4,464,741.68
Award Date: 8th January, 2011
The initial location of the bridge was changed due to accessibility problems. The Contractor has written to GHA to discontinue the construction of the bridge. The bridge has been relocated to Nalerigu on the Karaga – Gushiegu – Nalerigu road in the Northern Region. Reconnaissance survey of the proposed location has been undertaken. GHA is waiting for the release of funds to commence the detailed studies. A new Contractor will have to be sourced after the completion of the detailed Engineering studies at the proposed location. Request for funds will be resubmitted.

- ❖ **Lot 5. Construction of Steel Bridge over River Kulpawn on the Luari-Jadima Road-Span is 140m.**
Contractor: M/S China Zhong Hao Ltd
Contract Value: GH¢6,910,533.70
Award Date: 6th October, 2011
Progress is 24%.
Payment has not been received from Ministry of Finance to date.
Works have stalled as a result.

❖ **Lot 6. Construction of Steel Bridge over the White Volta River at Mishuo. (Steel bridge of total span 210m)**

Contractor: M/S Tass Kalia Ent. Ltd

Contract Value: GH¢20,965,811.09

Award Date: 4th May, 2016

The Contractor did not carry out any work at the site during the duration for the project.

The project duration has elapsed and hence the Contract has expired. The contract has been terminated.

GHA has repackaged the project and is requesting for approval from Ministry of Roads and Highways for the selection of a Contractor.

❖ **Lot 7. Construction of Bridge over River Pra along Twifo Praso – Dunkwa Road, 175m.**

A new bridge is to be constructed at Twifo Praso in order to separate vehicular traffic from rail traffic. It is a 175m span bridge comprising a steel section of 105m and a reinforced concrete section of 70m

Contractor: M/S China Railway No.5 Engineering Company

Contract Value: GH¢28,176,797.57

Revised Contract: GH¢39,954,066.09

Award Date: 4th May, 2016

Request for Advance Mobilization Payment has been made to MRH. Contractor waiting for payment to mobilize to site.

❖ **Construction/Rehabilitation of Toll plaza on some selected trunk roads within the Country**

Bids were opened on 29th June, 2017. Evaluation of the tenders has been approved by the Entity Tender Committee. Negotiation of the Tender prices was undertaken with the bid winners and the evaluation report has been sent to Ministry of Roads and Highways for approval. Approval to award for the construction of three Toll Plazas was granted within the quarter. These are Oyibi, Boankra and Biriwa Toll Plazas.

❖ **Rehabilitation of Adomi Bridge.**

❖ **Rehabilitation of Adomi Bridge.**

Contractor: M/S Bilfinger MCE GmbH

Contract Value: €12,900,000.00

Award Date: 16th May, 2012

Initial Completion Date: 23rd May 2013

Commencement Date: 10th March, 2014

Revised Completion Date: 31st May 2015

Possession of site for the commencement of works at site was given to the Contractor on 10th March, 2014. Progress is 100%. Substantial Taking over Inspection was undertaken on 7th December, 2015. Defects were seen on the asphalt overlay on the deck during the Defect Liability Period. Rectification of the defect is ongoing.

❖ **Construction of six bridges in Northern Ghana funded by Danida.**

The list of the bridges to be constructed under this project is as follows:

Bridge No. 1 – Kulungugu – Upper East Region – 100m

Bridge No. 2 – Garu (2no.) – Upper East Region – (75m + 25m) 100m

Bridge No. 3 – Doninga – Upper East Region – 50m

Bridge No. 4 – Sissili – Upper East – 125m

Bridge No. 5 – Ambalara – Upper West Region – 75m

Bridge No. 6 – Kulun - Upper West – 100m

The works is being undertaken by **Messrs Munck Civil Engineering** and Supervision is by **Messrs Sweco** in association with **M/S HAG Consult**. Pre-commencement meeting was held on 11th September, 2018 and commencement of the works at the site begun 24th September, 2018. Progress is 15%.

- ❖ **Construction of bridge over the Volta River at Volivo and Dufor Adidome.**
- ❖ The Project consists of 540m long cable stayed bridge to be constructed over the Volta River. The bridge will have three spans (130m, 280m, 130m). The project will enhance the capacity of the Eastern corridor roads and provides an alternative route across the Volta River apart from the Adomi Bridge. The loan agreement was approved by Parliament on 2nd November, 2016 and the loan agreement was signed on 30th November, 2016 between Government of Ghana and the Japanese Government. The amount of the loan facility is US\$100 million (11,239 billion Yen). As part of the project 70km new road will have to be constructed from Asutsuare junction through Volivo to Asikuma junction. The road project will be funded by the African Development Bank (AfDB). Contract for Consultancy Services for the bridge design review and construction supervision was signed on 24th June, 2019.

- ❖ **Construction of 6 No. Foot bridges on the Madina – Pantang road.**

The Project has been divided into six lots.
The locations for the footbridges are:

 - **Lot 1 – Construction of Ramps to Footbridges at Fire stone (CH. 6+019)**
Contractor: Messrs Fekams Ltd
Duration: 6 months
Progress: 97.5%
 - **Lot 2 – Construction of Ramps to Footbridges at Zongo junction (CH. 6+725)**
Contractor: Messrs Highbrains Ltd
Duration: 6 months
Progress: 90%
 - **Lot 3 – Construction of Ramps to Footbridges at Redco junction (CH. 7+300)**
Contractor: Messrs Joshob Construction Co. Ltd
Duration: 6 months
Progress: 72%
 - **Lot 4 – Construction of Ramps to Footbridges at Evangelical Presbyterian Church (CH. 8+204)**
Contractor: Messrs First SkyLtd
Duration: 6 months
Progress: 100%
 - **Lot 5 – Construction of Ramps to Footbridges at Seventh Day Adventist Church (CH. 8+879)**
Contractor: Messrs Justmoh Construction Ltd
Duration: 6 months

Progress: 93%

- **Lot 1 – Construction of Ramps to Footbridges at West African Secondary School (CH. 9+718)**

Contractor: Messrs Highbrains Ltd

Duration: 6 months

Progress: 96.5%

- ❖ ***Rehabilitation of Steel Bridge over River Offin at Dunkwa-on-Offin along Dunkwa – Obuasi Road.***

Contractor: M/S Syndicated Capital Ltd

Contract Value: GH¢ 1,920,104.09

Award Date: 26th September, 2016

Duration: Nine (9) months

Approval of Variation Order No.1 was granted by the MRH within the 1st Quarter. Concurrent approval is being sought from the Entity Tender Committee. Works on the superstructure have been completed.

- ❖ ***Construction of 42m reinforced concrete bridge over River Anunu on the Adansi Asokwa - Banka road***

Contractor: M/S Attachy

Contract Value: GH¢ 14,271,209.29

Award Date: 20th July, 2016

Duration: Nine (9) months

Scheduled Completion date: 30th September, 2017

The Project is being funded under the Cocoa road projects which has been suspended together with other cocoa road projects.

- ❖ ***Rehabilitation of the Lower Volta Bridge (Replacement of Expansion Joints).***

The contract was awarded within the quarter to Messrs Mageba. Pre-commencement meeting was held on 21st December, 2018. The contract is in two phases.

Phase one (1) - includes the design and fabrication of the expansion joint in India

Phase two (2) – includes the installation of the expansion joint at site.

Progress to date is zero percent (0%).

- ❖ ***Construction of two lane underpass to link Spintex and East Legon***

Contractor: M/S Sonitra

Contract Value: GH¢ 14,815,261.48

Award Date: 1st August, 2017

Commencement Date: 20th July, 2017

Duration: Ten (10) months

Project is in Defect Liability Period. The project has been taken over substantially.

- ❖ ***Project for Improvement of Ghanaian International Corridors (Grade Separation of Tema Motorway Intersection in Tema)***

Contractor: M/S: Shimizu Corporation JV

Consultant: CTI Engineering International Co. Ltd

Contract Value: 6 billion Japanese Yen

Agreement Date: 15th December, 2017

Commencement Date: 15th February, 2018

Duration: 28 months
Current progress is at 51%

- ❖ **Construction of a double carriageway underpass at Ashaiman and ancillary works**
Preliminary studies are ongoing.
- ❖ **Finance, Design and Construction of Three Bridges in the Northern Region**
Negotiation with Contractors are ongoing.
- ❖ **Construction of Bolgatanga – Bawku - Polimakom road (116.1km)**
Draft final Design was submitted to GHA for review. Review has been undertaken and the Contractor has been asked to revise the span of the bridges from 16.7m to 26m minimum.

4.3.1 Bridge Maintenance Unit – Activities

- ❖ Construction of Toll Plaza at Ativuta on the Klikor – Aflao road. Progress is 90%

4.3.2 Consultancy Services for the Inventory and Condition Survey of the GHA

The project has been divided onto four lots.
Lot 1 is being undertaken by Messrs Delin Consult.
The project covers Central and Western Regions
Messrs Delin has submitted the Final report. Review of the report is ongoing.

Lot 2 is being undertaken by Messrs Associated Consultants Limited.
The project covers Greater Accra, Volta and Eastern Regions
Messrs Associated Consultants Limited has submitted the Draft Final Report.
Review of the report is ongoing.

Lot 3 is being undertaken by Messrs Comptran Engineering Planning and Associates.
The project covers Ashanti and Brong-Ahafo Regions
Messrs Comptran Engineering Planning and Associates has submitted their Interim Report. Review of the report is ongoing.

Lot 4 is being undertaken by Messrs Hag Consults.
The project covers Northern, Upper West and Upper East Regions
Messrs Hag Consults has submitted the Final Report. Review of the report is ongoing.

4.2 Contracts Division

Budget for the year

The total budgetary provision for all the projects this year is Five Hundred and Six Million, Three Hundred and Seventy-Six Thousand, One Hundred and Thirty-Nine Ghana Cedis (**GhC506,376,139.00**). The Funding for the Total Amount is made up of Government of Ghana (Consolidated, ABFA) as well as Donor Sources (JICA, DANIDA, WORLD BANK).

The details are given in table 23 below

Table 23: Details of Budget Provision

Budget Ceiling	Amount (GHC)
GOG	144,376,139.00
Donor Funds	362,000,000.00
Road Fund	Yet to be Approved
TOTAL	506,376,139.00

On-Going Projects






Currently, there are Fifty-Eight (58) Contracts of Road, Bridge, and Ancillary Projects under administration by the Division. These Projects are Construction, Reconstruction, Rehabilitation and Safety Works. The status of ongoing development projects are shown in Appendix B.

Procurement

The Division also assisted various Divisions in the procurement of Works, Goods and Services.

4.3 Materials Division

The Materials Division of the GHA is made up of Five (5) Sections namely:

-  Soils and Aggregates
-  Foundations
-  Pavement
-  Bituminous Products
-  Research

All these Sections in addition to their peculiar assignments train newly recruited Engineers, Students on Industrial Attachment and National Service.

Details of the training are as follows

Table 24: Details of Training

Description	Institution	No.
Engineers In-Training	GHA	2
Technical Officers in Training	GHA	0
Industrial Attachment	Tertiary Institutions	30
National Service		12
Total		44

Source: GHA Materials Division

The Soils and Aggregates Section undertook the following

- Testing of construction materials and causes of distresses on roads and structures.
- Laboratory analysis and research into the use of new materials and chemicals, to ascertain their effectiveness in the improvement of road pavement materials.
- Concrete Mix designs

The Pavement Section conducted the following activities;

- Evaluation of the performance of some existing pavements
- Review of progress reports from road projects

The Foundation Section reviewed progress reports from road projects

-  Review of progress reports from road projects

Bituminous Products

The Bituminous Products Section undertook the following activities during the quarter under review:

- Review of progress reports from road projects

- Tests on bitumen samples and asphalt mixes submitted by Bitumen Marketers, Contractors and Consultants.
- Asphaltic Concrete mix designs checks for selected roads in Eastern and Greater Accra Region, core density tests on some portions of Urban Roads in Accra, Tema, Takoradi. Kumasi and Ho Town Roads, including the Decongestion of the KNUST – Ejisu Road (Roundabout works).

Table 25 shows the details of various test that were carried out during the quarter

Table 25: Materials Test Results

	APRIL	MAY	JUNE		APRIL	MAY	JUNE	
Concrete test	217	215	278	710	6,520.00	6,448.00	8,340.00	21,308.00
Shmidt Hammer	12	-	13	25	480.00	-	510.00	990.00
Pavement Investigations	0	2	1	3	-	51,843.00	8,888.00	<u>60,731.00</u>
Aggregate tests	8	5	-	13	2,970.00	1,335.00	-	4,305.00
Bitumen Tests	13	15	28	56	11,170.00	13,600.00	25,067.00	49,837.00
Soils tests	7	11	3	21	7,785.00	8,755.00	9,160.00	25,700.00
Equipment Calibration	0	0	0	0	-	-	-	-
Foundations & Geotechnical Inv.	0	0	1	1	-	-	3,200.00	3,200.00
GRAND TOTAL	257	248	324	829	28,925.00	81,981.00	55,165.00	166,071.00

Source: GHA Materials Division

4.4 Planning Division

The Planning Division is responsible for the planning of the trunk road network and the establishment of reliable traffic data base in the country and is also responsible for the initiation, identification, and preparation and monitoring of all GHA development projects and road project components of all regional corridor programmes involving Ghana and other countries in the sub-region. Additionally it provides the main link between the GHA and Development Partners for the efficient coordination of road projects and related facilities.

Generally, the objectives of the road projects are to reduce poverty and boost economic development by reducing road accidents, travel time and Vehicle Operating Cost (VOC). These result in reduced road user cost for both passengers and freight.

The Planning Division in pursuance of the foregoing operates through the following Sections:

- ✚ Strategic Planning, Monitoring and Evaluation (SPME)
- ✚ Development Project Planning (DPP)
- ✚ Public Private Partnership (PPP)
- ✚ Transportation Economics (TE)

Strategic Planning, Monitoring & Evaluation (SPME)

- Preparation of corporate planning including the development, implementation and monitoring of GHA Strategic Plan
- Road network planning including development of comprehensive maps of the entire highway network and review of the highway classification system from time to time
- Road Data Collection and Analysis and Traffic Projections
- Monitoring and Control of GHA Plan during year of performance
- Monitoring and Control of Development and Maintenance of projects
- Evaluation of project

Development Project Planning (DPP)

- Road Reservation Management
- Development Project Planning including preparation of Terms of Reference (TOR) for Prefeasibility, Feasibility and Detailed Engineering Studies
- Selection of Consultants
- Liaise and addresses concerns of Funding Agencies to prepare development projects and meeting the progress on Donor Funded Projects.

Public Private Partnership (PPP)

This section assists in:

- Planning, mobilization and implementation of PPP projects according to national laws and regulation through coordination with the Ministry of Roads and Highways and Ministry of Finance on all issues relating to PPP.
- Involved in corporate finance including appraisal of economic viability of Internally Generated Fund opportunities

Transportation Economics (TE)

- Design policies to guide in the development of a balanced transportation system that in turn would promote public transport and protect the environment and enhance the safety of communities
- Review existing transport policies, strategies and development programs and ensuring that the transport development are suitable, and would improve transport systems of the country on the continuous basis in harmony with growth
- Conduct transport studies to develop comprehensive long term transportation plans, which support the needs of the economic development of Ghana
- Prepares the Authority's Capital Investment Budgets, Performance Contract and monitoring of budget performance and performance contract targets.
- Undertakes the collection of transport economic data and maintains the analysis input data for the Highway Design and Maintenance Model (HDM-4)

Table 26 shows the number of Consultancy Services for design studies, Technical Assistance and works supervision accomplished within the quarter.

Details of statuses of on-going Consultancy on on-going projects are as shown in Appendix C

Table 26: Ongoing Consultancy Services as at 30th June 2019

Agency	Design Studies/ Technical Assistance	Design Review & Construction Supervision	Remarks
World Bank	1	2	One(1) is suspended, and two(2) are on-going.
Danida		2	one (1) is suspended, one (1) is on-going
AfDB		3	Two (2) project have been taken over, one (1) submitted final report
Brazilian Funded Project		1	Project is on-going
ORIO		1	Project about to commence
JICA	2	1	All projects are on-going
GOG		5	All projects are on-going
PPP	4		All projects are on-going

Source: GHA Planning Division

4.5 Quantity Surveying Division

4.5.1 Interim Payment Certificates

A total of 192 certificates were vetted and passed at the close of the 2nd quarter of the year 2019.

The breakdown is as follows:


-  22 Development Projects
-  170 Maintenance Projects

Table 27 gives details of certificates that were vetted and corrected.

Table 27: Certificates Vetted & Corrected

IPC	PROJECT	SUBMITTED AMOUNT GH¢	CORRECTED AMOUNT GH¢	SUBMITTED AMOUNT GH¢	CORRECTED AMOUNT GH¢
25B	Construction of Madina-Pantang Road Project (5.6km)			914,870.72	1,011,106.00
5	Construction of Nkwanta - Dambai Road (50km)	4,864,300.12	4,695,035.33		
3	Emergency Rehabilitation of Kodie - Aduman Road (9km)	7,283,590.92	7,208,939.30		
6A	Partial Reconstruction of Ayikuma - Doryumu Road (km 0-18)	2,023,192.96	2,204,360.38		
6	Grading of Ajumako Techiman Eshiem Gomoa Oguwa Road (22.60km)	2,270,404.59	2,271,710.61		
2	Pothole patching & Sectional repair works on Juansa Asokwa road - lot 19	181,770.89	177,253.65		
6A	Resealig / Partial reconstruction of Apam Ankamu Afransi Road (km 20-32.5)	1,893,515.91	2,138,989.32		
1	Pothole patching & grading of high shoulders on Dehiase Aperade road - lot 18	539,879.61	542,809.69		
4A	Pothole Patching and Shoulders repairs works on Pwalugu Paga Road - lot 5	167,224.59	180,608.73		
3	Pothole Patching on Wulensi town, others - lot 7	427,514.81	426,264.81		
7	Reconstruction of Kete Krachi Kpandai Nakpanyili road	5,732,760.52	5,558,473.51		
7	Reconstruction of Kete Krachi Kpandai Nakpanyili road	6,386,639.29	6,192,076.76		
8	Reconstruction of Kete Krachi Kpandai Nakpanyili road	11,629,594.20	12,552,374.86		
9	Reconstruction of Kete Krachi Kpandai Nakpanyili road	19,243,926.35	19,299,234.48		
8A	Upgrading of Akontombra Sefwi road (km 0 - 10)	3,475,016.18	3,507,335.74		
5A	Partial reconstruction of Adisco Asamakese road	540,307.25	490,207.25		
2	Pothole Patching and Shoulders repairs works on Ahenkro Boaman & Toase Manso Atwere road lot 9	53,633.32	59,352.63		
2	Emergency Rehabilitation of Atimatim-Maase-Aboabogya Road	11,199,302.16	10,440,111.70		
3	Partial reconstruction of Bechem Techimentia Akomadan road	459,623.26	550,999.68		
3	Grading of Paga town roads (26.3km)	316,093.54	299,343.30		
2	Grading of Tongo & Nangodi town roads - lot 18	224,736.38	191,717.02		
IPC	PROJECT	SUBMITTED AMOUNT GH¢	CORRECTED AMOUNT GH¢	SUBMITTED AMOUNT US\$	CORRECTED AMOUNT US\$
7	Upgrading of Tumu Han Lawra road	13,174,068.70	10,475,637.38		
3	Accra Kumasi Dualization Project - Kwafokrom-Apedwa - lot 6	1,576,533.24	1,559,684.59	2,192,260.20	2,188,918.78
3A	Upgrading of Nkrankwanta road	1,165,243.33	1,246,383.54		
4A	Upgrading of Gambia No. 2 - Kyeremasu road	1,646,004.69	1,643,446.89		
5A	Costruction of Tepa Inc. - Goase road (km 24-55.8)	4,503,988.04	4,500,233.04		
1	Rehabilitation of Sandema-Dominga-Santijan road(km 0- 15)	1,789,047.91	1,774,755.32		
2	Pothole patching and shoulder works on Agona Swedru Asafo Town road.	308,890.63	309,159.01		
1	Construction of 12No concrete speed table on techiman Kintampo lot 7	333,644.55	301,090.13		
1	Construction of 20m reinforced concrete drain wall on Pwalugu paga road lot 4	36,882.22	34,552.09		
1	Sectional repair works on Wa- Fian road(km 0-24) Wa- Dorimon (8km) & Wa - Bulenga road lot 12	378,138.95	359,202.10		
3	Grading & ditch cleaning of Mankarigu Yagaba Loagri road lot 38	286,525.25	264,476.57		
11A	Partial reconstruction and upgrading of Nsawam Aburi road (km 0- 15.1)	3,693,169.22	4,013,065.20		
13	Upgrading of Daboase Atieku road (km 33.0-59.0)	1,394,373.66	1,561,767.80		
2	Reshaping & ditch cleaning of Adidome Frakadua (km 1.2- 17.8)	177,420.93	175,724.68		
1	Construction of 200mm concrete U-drain 900x 900mm internal x150 thick on Winneba Town road lot 10	174,111.06	187,881.06		
1	Construction of 250mm concrete U-drain 600x 600mm at (km 54.80- 55.00) on Aniben junction Tarkwa	133,324.13	129,602.21		
1	Pothole Patching & Grading of high shoulder on Nkurakan Adukrom road lot 31	375,875.80	369,271.28		
2	Rehabilitation of Adenkware Ntesere road 4km	1,456,993.77	1,455,751.77		
4	Rehabilitation of Kodie Aduman road (km 9.00)	2,101,400.91	2,109,055.24		
1	Installation of road safety devices and road line marking on Kpando Worawora road (km 0- 20)	134,355.63	122,693.80		
4	Grading & ditch cleaning of Wanjaga Bende road lot 11	109,695.44	109,514.04		
2	Grading of Kwahu Tafo Miaso road lot 17	247,906.18	217,906.18		
3	Researching of Bogoso Prestea road (km 5 0 - 10.0)	1,710,564.41	1,658,079.73		
1	Construction of 1No double 1200mm dia. Pipe culvert @ km 8+020 & 2Nr 8m- 900mm & 750mm U- culvert (Access) @ km 8 +100 on wiaga- kadama road - lot 13	158,975.50	148,517.70		
9A	Partial reconstruction of Nsawam Adeso Asamankese road (1km 0- 24)	461,632.43	453,977.56		

IPC	PROJECT	SUBMITTED AMOUNT GH¢	CORRECTED AMOUNT GH¢	SUBMITTED AMOUNT US\$	CORRECTED AMOUNT US\$
13A	Upgrading of Afebubu- Kwame - Danso - Kojokrom	8,502,197.19	8,472,314.59		
2	Reshaping & Spot improvement on Nkwantanum Assin manso road (18.0km)	434,138.50	434,087.40		
1	Pothole Patching & shoulder repair work on winneba junction - kasoia lot 13	261,680.11	261,597.60		
1	Pothole Patching & shoulder repair work on Tertiar Institution & Mampong Nsuta lot 26	422,175.12	396,380.22		
2	Pothole patching & shoulder repair works on Winneba Town road lot 11	135,267.44	141,334.48		
4	Accra - Kumasi Highway dualization project lot 6 - Kwafokrom Apedwa Addendum 1	1,192,746.92	1,168,183.44	2,701,571.10	2,697,655.45
9	Upgrading of Tamale Kumbungu Nawuni lot 10	816,205.55	803,309.00		
3	Construction of 2No. Box culvert (2/2x2m)&(1/2x2m) Pigu Karaga road	70,015.69	502,680.29		
4	Pothole Patching & Grading of high shoulder on Anyinam town roads lot 5	1,091,536.70	1,068,835.20		
4	Pothole Patching & Grading of high shoulder on Obuoho Miaso road (30km) Begoro Obuoho(6km)	1,015,906.91	1,001,797.61		
3	Upgrading/Resealing of Kumbungu Nawuni road	4,619,287.31	3,736,949.86		
2	Partial reconstruction of Navrongo Chuchuliga Tumu road (34.23km)	8,107,519.35	7,477,121.03		
14A	Upgrading of Berekum Seikwa Nsawkaw road (km0.0-33.2)	5,935,226.06	5,909,385.14		
14B	Upgrading of Berekum Seikwa Nsawkaw road (km0.0-33.2)	593,131.84	548,175.00		
15	Upgrading of Berekum Seikwa Nsawkaw road (km0.0-33.2)	2,466,457.76	2,449,234.30		
1	Rehabilitation of Sandama Dominga Santijan road	2,294,595.01	2,419,741.62		
1	Construction of 1No double 1200mm diameter pipe culvert on Nalerigu Gbintri road lot 17	123,663.28	129,695.10		
2	Reshaping & Spot regravelling works on new Bortianor lot 24	191,395.52	208,824.77		
1	Construction and installation of road safety devices on Tamale - Buipe N10 Highway lot 1	134,186.39	134,942.75		
1	Construction of concrete 600mm diameter pipe concrete U- drain 300mm on Mampong bypass lot 20	187,606.05	187,145.18		
1	Construction of concrete 600mm diameter pipe concrete U- drain 300mm on Kumasi - Ejisu bypass lot 11	186,180.19	164,342.74		
2	Construction of 8No Single 900mm dia.pipe culvert on Buipe Kotito No 3 - lot 5	114,253.56	54,084.68		
1	Pothole Patching & sectional repair works on Kame-ve Golokwati Torkor road (34km)	705,498.70	705,480.16		
2	Pothole Patching & sectional repair works on Kame-ve Golokwati Torkor road (34km)	306,936.62	306,925.25		
		156,349,601.20	152,851,195.07	5,808,702.02	5,897,680.23
			3,498,406.13		-88,978.21

NB: There was no savings made on the US Dollar component.

Source: GHA Quantity Surveying Division

4.6 Road Safety & Environment Division

The Division has responsibility for the following areas:

- ✚ Road Safety Unit
- ✚ Environmental Management Unit
- ✚ Axle Load Unit

4.6.1 Road Safety Unit

The Unit undertook the following activities in the quarter under review through the Zonal Managers and two Engineers at the Head Office in charge of road furniture, road safety audit and Accident Investigation & Analysis:

4.6.1.1 Western & Central Regions

- ✚ Inventory for Speed Calming devices on the Upgrading of Tarkwar – Aboso – Huni-Valley – Damang Lot1 and Lot 2.
- ✚ Supervision of road line marking on Upgrading of Tarkwar – Aboso – Huni-Valley – Damang Lot1 and Lot 2.
- ✚ Site Inspection of speed calming devices being installed on the Upgrading of Tarkwa – Aboso – Huni-Valley – Damang Lot 1 and Lot 2.
- ✚ Road safety assessment at Takoradi Mall for safety recommendation.
- ✚ Supervision of the construction of speed calming devices on the Simpa – Tarkwa Highway.
- ✚ Road Safety assessment for speed calming devices at Yamoransa.

4.6.1.2 Eastern & Volta Regions

- Inventory for Road Furniture and Supervision of installation on Partial Reconstruction of Koforidua – Bonsu Road Project.
- Inventory for Road Furniture and Supervision of installation on Partial Reconstruction of Adoagyiri – Adeiso & Adeiso Town Roads and access road to Cocobod Warehouse Project.

4.6.1.3 Ashanti & Brong Ahafo Regions

- ✚ Road line marking on Kumasi-Accra road on going lot 2 (by Odoni limited)
- ✚ Provision and installation of road traffic signs on the various tollbooth in the zone is completed (by Both Sides Limited)
- ✚ Thermoplastic road line marking paint submitted to head officer for testing (road line marking on Kumasi-Techiman road) by Kwaku Apau limited)
- ✚ Provision and installation of road traffic signal on Kumasi-Ejisu roundabouts is ongoing (by Joshop construction limited)
- ✚ Inventory for provision and installation of crush barriers in the zone is ongoing.
- ✚ Inventory for construction of speed calming is completed on various communities in Techiman Municipality

4.6.1.4 Northern, Upper East & Upper West Regions

- ✚ Road Safety Assessment of the Tamale – Pwalugu section of the N10 highway.
- ✚ Road Safety Assessment of the Walewale – Nalerigu (Km 26 – 57)
- ✚ Inventory of Crash Barriers required at critical location along the Roads in the Region.
- ✚ Supervision of Road Safety Devices Installation on Tamale – Buipe N10 Highway Road. (Km 42.10, KM 47.20, KM 74.30 and KM 103.100) LOT 4.
- ✚ Supervision of Road Safety Devices installation on Tamale – Salaga Road. (KM 29.00 – KM40.05) LOT 8
- ✚ Inventory of Dangerous Curves in the Upper West Region.
- ✚ Work Zone Safety inspection on the Construction of Hamile – Tumu Road (Km 0.00 – 40.00)
- ✚ Work Zone Safety inspection on the Upgrading of Tumu – Han – Lawra Road Project (KM 0.0 – 60.0).
- ✚ Inventory of Crash Barriers required at critical location along the Roads in the Region.
- ✚ Stage 4 Road Safety Audit on the Partial Reconstruction of Bolgatanga – Bawku Road, (Km 12-24.5).
- ✚ Road Safety Assessment of the Pwalugu – Bolgatanga section of the N10 Highway.
- ✚ Inventory of Crash Barriers required at critical location along the Roads in the Region.

4.6.1.5 Head Office Region

- ✚ Construction supervision of ongoing 2 street lighting project stated below:
 1. Patang Junction – Aburi – Greater Accra Region
 2. Kpone junction to Central University junction
 3. Installation of Safety Intervention Features on Toll Booth - Badukrom
- ✚ Monitoring of general safety and traffic management plan at Accra - Tema motorway round about project site.
- ✚ Inventory for installation of street light in Greater Accra, Western, Central, Volta and Northern regions of Ghana, under Enhancement of Road Safety Phase II.

- ✚ Road Safety Assessment of the damaged New Jersey Concrete median on the Kasoa – Buduburam Section of the N1.
- ✚ Inspection of road traffic signs installation at approaches to toll booth stations
- ✚ Supervision of Road safety works on Construction of ramps to foot bridges on Atomic Junction, Adenta.
- ✚ Road furniture design for Dome – Kitase Project.
- ✚ Inventory for installation of Road Line Marking, Traffic Signs and Road studs on Accra – Takoradi Road.

4.6.2 Environmental Management Unit

The Unit prepared and submitted Environmental and Social Impact Assessment (ESIA) on the Rehabilitation of Dome-Kitase Detailed Design Assignment A Resettlement Action Plan is currently being prepared on the same project assignment. The Unit continued to review, revise and update environmental and social impact assessment reports for road projects submitted by Consultants.

Also, a database was developed by the unit for projects with environmental documents such as ESIA and EMP during the quarter under review.

4.6.2.1 Stakeholder Engagement Meetings

As part of measures to facilitate citizen participation on road projects, officials from the Environmental unit partook in a stakeholder consultation meeting under the Grade Separation of Tema Intersection Project in Tema. The meetings accorded the Unit opportunity to inform stakeholders along the project corridor about the project, the potential impacts it would have on them and also solicit their concerns to be considered in the detailed design assignment.

4.6.2.2 Implementation Support Missions

World Bank Funded Projects

Transport Sector Improvement Project (TSIP)

The unit reviewed and revised bidding documents for Tatala-Zabzugu-Yendi Road Project -Package 1 together with the Assessment Study Consultants (UWP).

4.6.3 Axle Load Control Program

Fifteen (15) out of the Eighteen (18) stations were operational during the quarter under review.

The operations at all the weighbridge stations are detailed in Table 28 below.

4.6.3.1 Mobile Vans

Five (5) out of the Eight (8) Mobile Weighing Vans were operational during the reporting period. These vans operated in the Greater Accra, Ashanti, Western and Upper East Regions. The remaining Three (3) vans have engine problems.

4.6.3.2 High Speed Weigh in Motion (HSWIM)

Nine (9) HSWIM have been installed at Tema, Dawa, Nsawam, Elmina, Bolgatanga, Agona Junction, Boankra, Akom and Ngleshie Amanfrom. Four (4) out of the nine sites, namely; Ngleshie Amanfrom, Dawa, Elmina and Bolgatanga functioned effectively during the period under review.

4.6.3.3 Portable Weighing Scales

Portable scale was deployed at Adeiso for 24-hour monitoring of axle loads on the Adoagyiri - Adeiso Road.

4.6.3.4 Axle Load Control at the Ports

The weighing equipment at the Tema and Takoradi ports were operational in the Second quarter of 2019. Tema port is installing full-size weighbridges to replace the single axle weighers currently in use. This is intended to get more accurate weighing reports from the Tema port.

Table 28: Status of Permanent Weighbridge Stations (PWS) as at 30th June 2019

Town/City	Location	Strategy	Remarks
1. Tema	Aflao-Elubo road (Coastal Corridor)	Corridor/cordon	Operational.
2. Afienya	(Eastern Corridor)	Corridor/cordon	Operational.
3. Asuoeyeboah		Corridor/cordon	Operational. Parking Area required
4. Yapei	Tema – Paga Road (Central Corridor)	Corridor	Operational.
5. Bolgatanga	Tema – Paga Road (Central Corridor)	Corridor	Operational.
6. Elmina	Aflao-Elubo road (Coastal Corridor)	Corridor	Operational.
7. Agona Junction	Aflao-Elubo road (Coastal Corridor)	Corridor	Operational. Urgent repair of the driveway and replacement of the old weighbridge with a new one required. Also additional parking space required.
8. Bogoso	(Western Corridor)	Corridor /Hotspot	Not Operational. Rehabilitation of driveway and parking area in progress.
9. Offinso	Tema – Paga Road (Central Corridor)	Corridor/cordon	Operational.
10. Boankra	Tema – Paga Road (Central Corridor)	Corridor/cordon	Operational. Rehabilitation of parking area and driveway required.
11. Akatsi	Aflao-Elubo road (Coastal Corridor)	Corridor	Operational. Rehabilitation of driveway and parking area required.
12. Mim		Hotspot	Operational.
13. Sefwi Bekwai		Hotspot	Not Operational. Portable weighing pad in use because the Weighbridge was relocated to Agona Nkwanta.
14. Asokwa		Corridor	Operational. Urgent rehabilitation of parking area and driveway required.
15. Jema	Tema – Paga Road (Central Corridor)	Corridor	Operational.
16. Sawla	Fulfusu-Sawla	Corridor	Operational.
17. Damango	Wa-Sawla	Corridor	Operational.
18. Aflao Border		Hotspot	Not Operational

Source: Road Safety & Environment Division

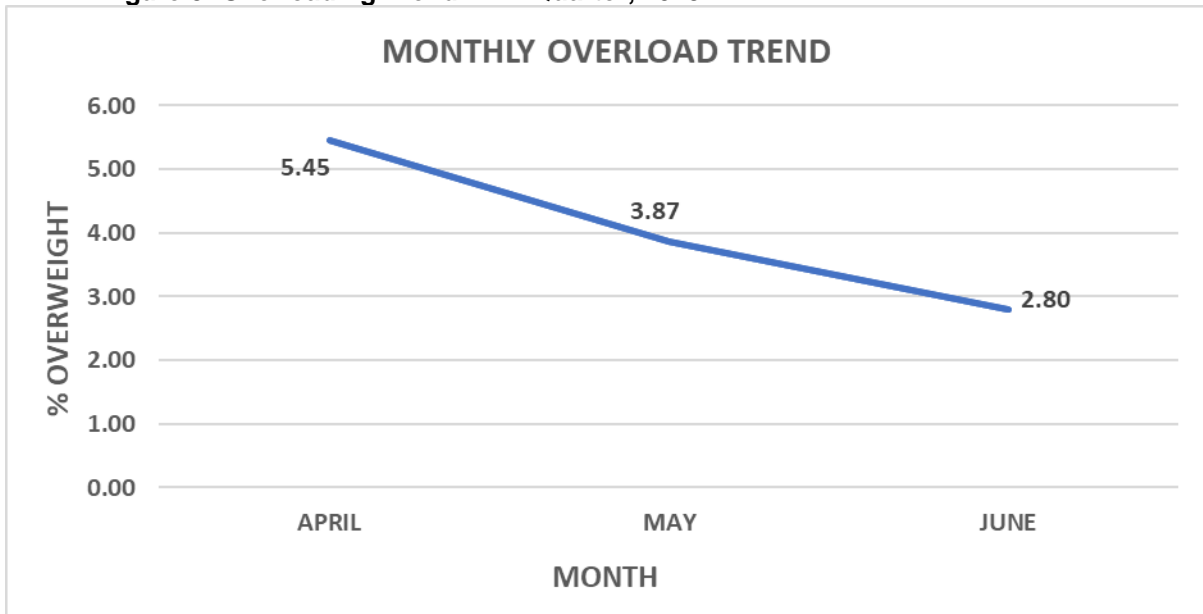
4.6.3.5 Statistics from the Axle Load Stations

A total number of 66,906 trucks were weighed during the 2nd quarter of 2019. Out of this, 2,567 trucks were overloaded representing 3.84%. The analysis of data from the Permanent Weighbridge Stations is provided in Figure 3 and Figure 4. The data used for the analysis is gross weights of vehicles weighed at all the permanent weighbridge stations. The analysis showed that, 3.84% of total vehicles weighed were overloaded as against 3.28% recorded in the 1st quarter of 2019.

The Figure 3 illustrates the monthly overloading trend from April to June, 2019. The analysis of the data showed a decline in the percentage of overload from 5.45% at the end of April, to 3.87% at the end of May and 2.80% at the end of June. Though there was a general decline in the percentage of overload at the various stations, Asuoyeboah and Akatsi recorded high averages of 19.36% and 7.36% of overload respectively in the quarter under review. However, the absolute figure of the overloaded trucks weighed at the Asuoyeboah station is low compared to that of Akatsi for the quarter under review. Predominant among the overloaded trucks at the Akatsi station were the trucks carrying assorted goods from Nigeria, Togo and Aflao.

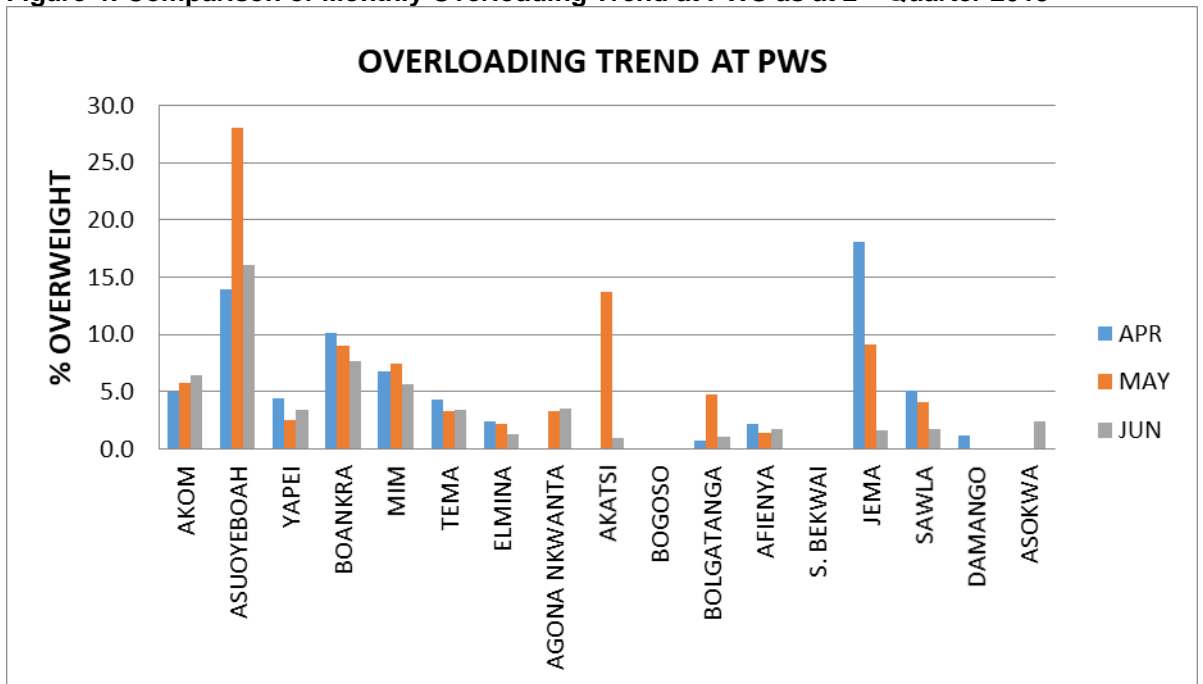
The levels of overloading at the permanent weighbridge stations along the various corridors during the quarter under review are presented in Figure 4 below. The trend showed that, the level of overloading recorded at all the permanent weighbridge stations were generally below 10% except for Asuoyeboah, Jema and Akatsi.

Figure 3: Overloading Trend – 2nd Quarter, 2019



Source: Road Safety & Environment Division

Figure 4: Comparison of Monthly Overloading Trend at PWS as at 2nd Quarter 2019



Source: Road Safety & Environment Division

4.7 Survey & Design Division

The following areas of activities that the Division covered:

- Topographical Survey
- Road Geometric Design
- Right-of-Way Clarification
- Review and Checking of Design Drawings
- Site Meeting Attendance
- Site Inspections

4.7.1 In-House Survey and Design Works & Review

- Rehabilitation of Awiankwanta – Obuasi Trunk Road km (0.0 – 31.5)

Field Verification

- Rehabilitation of Awiankwanta – Obuasi Trunk Road km (0.0 – 31.5)
- Emergency works for construction of 3-Cell 4.0m x 4.0m Box Culvert to replace Kasawere River Bridge on the Agona Swedru – Akim Oda Road (R62) and a By-Pass (2km).

Right-of-Way Clarification

There were two (2) Right-of-Way clarifications carried out for developers along the Accra – Nsawam and Accra – Kasoa Highways during the quarter under review.

CHAPTER FIVE

5.0 Conclusion

The Ghana Highway Authority in its 2000 – 2015 Strategic Plan proposed to achieve a road network condition mix of 70% good, 20% fair and 10% poor. With a projected improvement rate of about 7% per annum, it was envisaged that by the close of December 2015, the target road surface condition mix of 70% good, 20% fair and 10% poor would be achieved with adequate injection of resources. The road condition mix for the year 2015 stood at 58% good, 36% fair and 7% poor.

The road condition mix for the year 2017 stood at 54% good, 35% fair and 11% poor.

Due to inadequate funding from the Central Government in the area of expenditure under Goods and Services, Salary and Non-Salary Related Allowances, the IGF potentials within the jurisdiction of GHA should be strictly and assiduously harnessed. This is to ensure that the GHA gets adequate funding to meet expenses to reduce tension in the System.

The Government has decided to introduce Revenue capping for Agencies including GHA to reduce Internally Generated Revenue to these Agencies.

To this end, GHA will have a reduction of about 34% of its IGF given to the Central Government. The effect is that, GHA's financial resource envelope will be affected greatly. This will lead to further accumulation of debts to Service Providers and also affect the operations of the GHA.

5.1 The Way Forward

The GHA as always will strive to continue to uphold its set objectives, which are measurable, relevant, specific, achievable and consistent to its mission statement. The following objectives have been set out in the way forward

- ✚ Improving Road Condition by improvement and maintenance of the trunk road network
- ✚ Enforce Axle Load control laws to protect the investments made in roads.
- ✚ Open new Toll stations to ensure that funds are readily available for road maintenance
- ✚ Reducing Accident Fatalities on the trunk road network through improvement of safety measures
- ✚ Reducing Travel Time on heavily trafficked trunk road sections through grade separation.
- ✚ Ensuring that road development and maintenance programmes are executed with environmental and social mitigation measures
- ✚ Adequately recruiting, training and motivating all categories of requisite staff and providing the needed logistics to undertake the services.
- ✚ Take practical steps to reduce energy consumption.
- ✚ Prompt payment of Compensation to Project Affected Person.

- ✚ Road Accidents the drivers of GHA should be given refresher courses in driving.
- ✚ Wrongful Termination/Breach of Contract – Contractual obligations ought to be adhered to strictly in order to avoid litigation.
- ✚ Wrongful Dismissals/Retirements - All stipulations in the Conditions of Service/Collective Bargaining Agreement must be adhered to strictly before any dismissals or retirement is made.

Key Performance Indicators

Ghana Highway Authority under the SOE Performance Contract signed between the Authority and Government of Ghana is evaluated at the end of the Performance Contract period.

The evaluation is based on four areas of performance.

- ✚ **Financial/Economic**
- ✚ **Efficiency/Productivity**
- ✚ **Dynamic Effects**
- ✚ **Management/Projects**

A performance index score, which is a measure of the overall performance using agreed performance indicators and weights are given to them based on their relative importance. The scoring process is therefore based on the Financial/Economic, the Dynamic Effects and Management Improvements/Projects indicators using the negotiated weights.

The GHA evaluates its performance at the end of every quarter following the four areas of performance. Table 30 below shows the status of GHA Performance Matrix categorized into the four areas of performance as at June 2019.

Table 29: Status of 2019 Performance Matrix Quarterly Monitoring Indicators as at 30th June 2019

Performance Monitoring Indicators	Units	Targets	Jan-March (Actual)	April-June (Actual)	July-Sept. (Actual)	Oct.-Dec. (Actual)	% Achieved as at 1st Qtr 2019	Remarks
A. Financial/Economic								
1. Total Revenue of which								
(a) Compensation of Employees	GH c	26,786,676.00	9,421,085.88	16,395,478.14			61.21	
(b) Goods and Services	GH c	476,139.00	0.00	148,000.00			31.08	
(c) Road Fund	GH c	200,000,000.00	0.00	120,446,585.90			60.22	
(d) Consolidated Fund	GH c	0.00	0.00	0.00				
(e) Donor Funds	GH c	362,000,000.00	58,158,219.16	77,982,945.77			21.54	
(f) Other funds- Annual Budget Funding Amount (ABFA)	GH c	170,000,000.00	0.00	5,632,074.69			3.31	
(g) Annual Budget Funding Amount (ABFA) Arrears	GH c		503,506,293.65	0.00				
(g) Total Revenue	GH c	759,262,815.00	571,085,598.69	220,605,084.50				
(h) Internally Generated Revenue	GH c	9,832,276.00	4,262,186.78	7,842,677.92			79.76	
(i) Recurrent Expenditure	GH c		11,440,811.10					
2. Internally generated revenue / Total Revenue	%	0.01	0.01	0.04				
3. Internally generated revenue / Recurrent Expenditure	%	0.48	0.37					
B. Efficiency/Productivity								
1. Staff cost/Total Revenue	%	0.04	0.02	0.07				
2. Staff cost/Internally Generated Revenue	%	2.72	2.21	2.09				
3. Improve trunk road condition mix : Good	%	54	57.00	57.00				2017 Road Condition report
: Fair	%	37	36.00	36.00				
: Poor	%	9	7.00	7.00				
4. Labour strength	No.	1,215.00	1,175.00	1,161.00				
C. Dynamic Effects								
1. Staff training								
(a) Submission of 2019 budgeted training programme	Month	January	January	January				submitted
(b) Implementation of budgeted training programme	%	100	0.06	0.07			0.07	
2. Corporate Planning								
Submission of updated Corporate Plan (2020 – 2022)	Month	November						
3. Road Maintenance								
(a) Submission of Road Maintenance & Minor works Programme	Month	January	January	January				
(b) Implementation of i) Routine Maintenance Programme	%	22,097.00	0.09	40.92			40.92	
ii) Periodic Maintenance Programme	%	64.14	0.31	13.96			13.96	
iii) Minor works Programme	%	15.76	28.81	87.94			87.94	
4. Road Safety Management								
(a) Submission of 2019 Road Safety Management Programme	Month	January	January	January				
(b) Implementation of Road Safety Management Programme	%	100						
5. Maintenance of Office and Fix Asset								
(a) Submission of 2019 Maintenance of Office and Fix Asset Programme	Month	January	January	January				
(b) Implementation of Maintenance of Office and Fix Asset Programme	%	100						
6. Safety Management Programme for Staff								
(a) Submission of 2019 Safety Management Programme for Staff	Month	January	January	January				
(b) Implementation of Safety Management Programme for Staff	%	100						
D. Management Improvement/Projects								
1. Submission of Quarterly Reports	Weeks	6						Pending
2. Conformance to SEC Report Format	No.	6						Pending
3. Submission of 2018 Audited Accounts	Month	March						Pending
4. Submission of 2020 Draft Budget	Month	August						
5. Submission of 2020 Draft Performance Contract	Month	October						
6. Submission of Approved Board of Directors Attendance	Weeks	1						
7. Submission of filled out Integrated SOE Database forms	Month	June	June					Submitted
8. Accuracy & Completeness of filled out SOE Database forms	%	90						
9. Holding of Annual Open Day	Month	August						Pending
10. Submission of 2019 Procurement Plan	Month	December	March					Submitted

Source: GHA Planning Division

5.2 Constraints

Reduced Budget Allocation

The Subvention released to GHA since 2012 has been dwindling. Releases from the Ministry of Finance (MOF) from the beginning of the year 2019 to date for Goods and Services is 31.08%.

Internally Generated Fund

As part of Government policy, GHA continues to pay 34% of Internally Generated Fund (IGF) to the Ministry of Finance which is a drain on the Authority, considering the non-regular release of funds for GHA's operations from the Government.

Inadequate Staff

Current staff strength is 1,161 as against the establishment of 2,526. This means GHA is operating at 50% capacity. This in effect has put our Technical Staff under great pressure. Most of the Divisions are under-staffed in both Technical and Non-Technical personnel.

Should this trend continue without vigorous implementation of GHA's replacement plan, staff will reduce drastically that GHA may not be able to meet its strategic objectives in the foreseeable future.

Other major constraints facing the GHA are categorized below:

- ✚ Replacement of over aged vehicles in all the Departments of GHA
- ✚ Modern Laboratory Equipment is needed for Materials Division to carry out tests to generate IGF, and also perform their normal operations effectively.
- ✚ Delay in payment of compensation due to long valuation procedures and inadequate budgetary allocation must be avoided.
- ✚ Inadequate release of funds for Recurrent, Investment and Capital Investments

5.3 Recommendations

Recruitment of Staff

Ghana Highway Authority should be given approval to recruit and train all categories of staff to replace exited staff in order to be fully equipped with all the Technical and Non-Technical staff that are needed to enable it meet all the strategic plans.

Training of Staff

In order to retain staff and also equip them to improve upon their skills to discharge the various multifaceted tasks there is a need for periodic training of

all categories of staff within GHA through local/overseas short courses, workshops and further studies.

Hardware and Software Needs

Technology is far advancing, as such there is the need for GHA to acquire state of the art software to replace most of the outmoded software for the Divisions to enhance efficiency in work output.

5.4 Conclusion

Despite all these challenges GHA continues to discharge its duties creditably. The GHA will also continue with its programs for the maintenance, rehabilitation and reconstruction of sections of the network to ensure reasonable level of service. The GHA requires support from GOG and our development partners to be able to implement planned and approved programs.