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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 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>EU</i>	-	European Union
<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>OECECF</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>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 March 2016</i>

EXECUTIVE SUMMARY

The Ghana Highway Authority (GHA) under the Ministry of Roads and Highways (MRH) is charged by Act 540 with the responsibility for the development, management and maintenance of the trunk road network in Ghana. Ghana's trunk road network is about 14,536km.

It is important to note that infrastructure is the pivot for national development and Ghana Highway Authority (GHA) plays a critical role in the provision of road infrastructure, and this role is clearly stated in our mission statement of providing a safe and reliable trunk road network at optimal cost by taking advantage of modern technology in road building and new income-generating methods to facilitate socio-economic development in the country.

GHA Vision and Target

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 is 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.

In line with management decision to collect data in the dry season from now on, Road Condition Survey data collection for 2015 will be done in first quarter of 2016. Accordingly, it is hoped that the Road Condition Report for the year 2015 will be available within the 2nd Quarter of 2016.

Functional Classification of Roads

In 1998, the MRH introduced the new functional classification of roads in Ghana. Under this, trunk roads have been classified into National (N), Inter Regional (IR) and Regional (R) roads. This classification came with alphanumeric numbering system currently in use as shown Table 1

Table 2 also lists and defines the National roads and the various major cities, towns and regions that the national roads traverse.

Table 1: Functional Classification of Trunk Roads

ROAD CLASS	ASR	BAR	CR	ER	GAR	NR	UER	UWR	VR	WR	TOTAL (KM)	%
N	434.9	560.5	326.9	334.6	259.5	1,003.6	287.5	396.8	418.4	442.9	4,465.6	31
IR	334.2	530.7	199.7	369.5	0.0	460.3	61.4	82.9	33.7	304.6	2,377.0	16
R	826.0	938.3	670.2	833.8	199.7	1,472.4	238.6	535.3	963.6	953.8	7,631.7	53
TOTAL (KM)	1,595.1	2,029.5	1,196.8	1,537.9	459.2	2,936.3	587.5	1,015.0	1,415.7	1,701.3	14,474.3	100

Source: GHA Road Maintenance Division March 2016

Table 2: National Roads

Route No	Name	Major Towns Roads Traverse	Regions that the Roads Traverse
N1	Trans West Africa Highway	Aflao, Accra, Cape Coast	Volta, Greater Accra, Central and
		Takoradi, Elubo	Western Regions
N2	Eastern Corridor	Tema, Hohoe, Jasikan, Nkwanta	Volta, Greater Accra and
		Bimbila, Yendi, Gushiegu-Kulungulu	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,	Greater Accra, Eastern, Ashanti and Brong Ahafo Regions
		Sunyani, Dormaa Ahenkro Gonokrom	
N7		Sawla, Damango and Fulfulso	Northern Region
N8		Assin Fosu, Anwiankwanta, Kumasi Bechem	Central, Ashanti and Brong Ahafo Rgions
N9		Tamale, Pusuga	Northern Region
N10		Daboasi junction, Atieku, Dunkwa, Kumasi	Western, Central, Ashanti ,Brong Ahafo, Northern and
		Techiman, Kintampo,Tamale Bolga and Paga	Upper East Regions
N11	Northern Corridor	Bolga, Bawku, Pulimakom	Upper East Region
N12	Western Corridor	Elubo, Enchi, Juabeso, Goaso, Sunyani	Western, Ashanti , Brong Ahafo
		Wenchi, Bole, Wa, Nadowli Hamile	Upper West, and Upper East Regions
N13	Northern Corridor	<u>Lawra, Han, Tumu, Navrongo</u>	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 March 2016

CHAPTER ONE

1.0 INTRODUCTION

1.1 Establishment

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

1.2 Mission Statement

The Ghana Highway Authority is to provide and maintain a safe and reliable trunk road network, to support socio-economic development in the country.

1.3 Policy Objective

To accelerate the realization of the Mission Statement, the Authority 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 (MDA's) 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 constituted Board of Directors governs the Authority. The Board has the Chief Executive of GHA as a member.

1.5 The Directorate

The Authority has a Managing Director, designated as Chief Executive. Under him, 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 seventeen 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 Area Offices nation-wide. The Internal Audit and Legal 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 Excerpts from 2016 Budget Statement

The theme for this year's budget is "Consolidating Progress towards a Brighter Medium Term". The consolidation agenda hinge on Government's commitment to promoting fiscal discipline based on enhanced domestic revenue mobilization, prudent public expenditure management, improved debt management and the implementation of reforms in key areas of the economy.

The 2016 budget is based on Ghana Shared Growth and Development Agenda (GSGDA 2014 – 2017), which incorporates a Medium Term Vision and Strategy for the country. By this GSGDA II, Government goal is to achieve a stable, united inclusive and prosperous country with opportunities for everybody and also achieve a per capita income of GH¢3,000 by the year 2020 (source: 2016 Budget Statement, MOF).

Last year, the Contribution of Construction sub-Sector Growth to industry Sector was 12.8% as against a Target of 6.7% (GSS).

The policy of government indicated in the 2016 Budget Statement is to continue to enhance the resilience of the Economy against volatilities and promote Economic growth with job creation.

The strategies to be adopted by Government to attain the goal include among others are;

- ❖ Enhance the efficiency, transparency and accountability of the Public Financial Management Systems.
- ❖ Create additional fiscal space for sustainable budget expenditures and enhance efficiency in tax administration, compliance and increase tax revenue.
- ❖ Rollout fully the excise tax stamp project.
- ❖ Implement measures to address revenue leakages Introduce policies to rationalise and streamline the exemption policy.
- ❖ Adoption of a new approach through Public Private Partnerships for Infrastructure Development

- ❖ Manage the impact of the compensation bill through payroll management
- ❖ Develop a draft National Infrastructure Plan

The total Revenue and grants including oil for the 2016 budget are estimated at GH¢38.08billion equivalent to 24% GDP. Compensation to employee will cost GH¢14 billion representing 8.9% of GDP. Expenditure on goods and services is at GH¢2.5 billion.

It is important to note that GHA plays important role in the National Economy due to the nature of the service it provides. As the economy is expected to grow by 8.2% and construction sector to grow by 30.6% this year, GHA is expected to contribute significantly to the growth of the economy in terms of road development.

Since 2012, the Subvention release to GHA has been dwindling, last year for instance, only GH¢55,000 was received from Ministry of Finance. This therefore means that the Authority has to increase the IGF generation to be able to meet its operational expenses.

Recently some IGF sources were identified and Parliamentary approval sought to be able to charge rates for these services. It is expected that the Authority would generate GH¢5.4million from IGF this year. Last year, we were able to generate about GH¢4.2 million.

1.8 Road Condition Mix for Year 2015

As stated earlier the Road Condition Mix for the year 2015 will be reported in the year 2016 2nd quarter report.

1.8.1 Road Network Condition 2010-2014

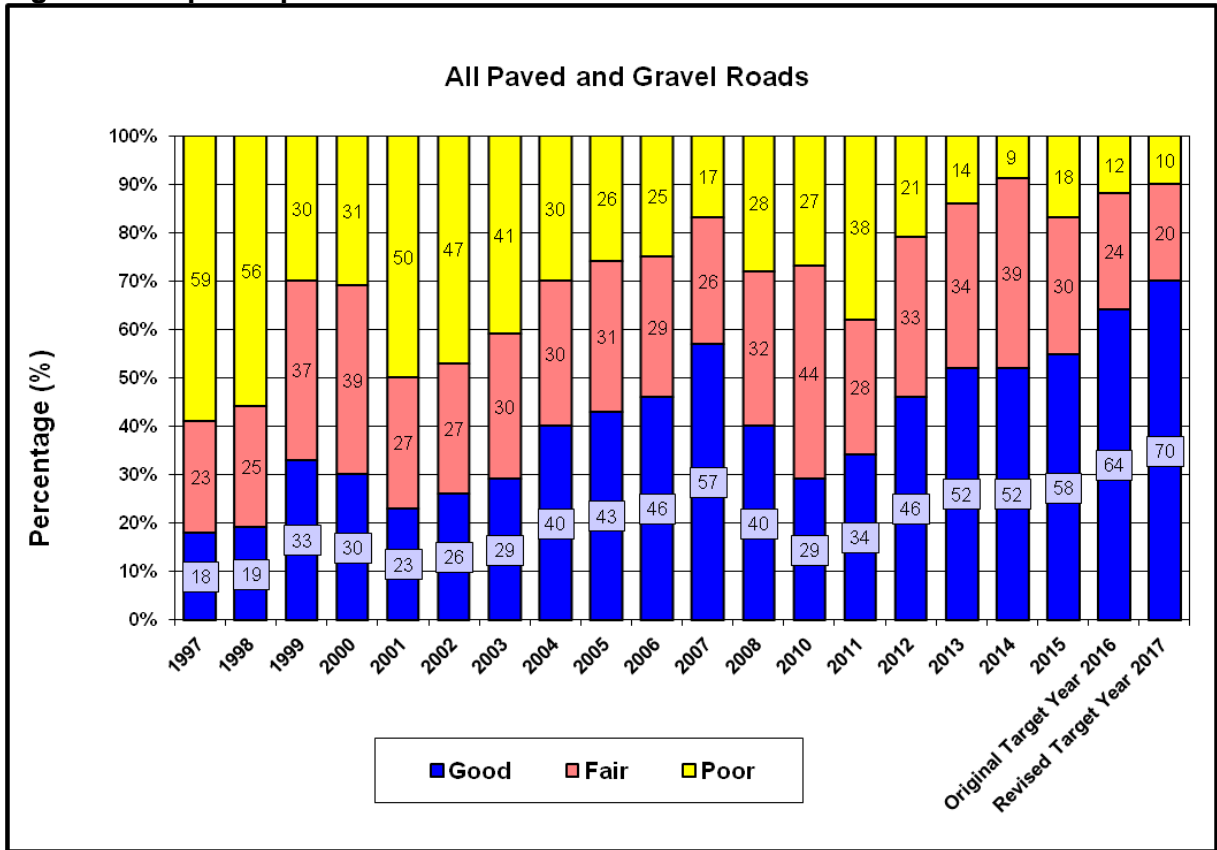
The 2014 road condition report makes comparison with those of 1997 – 2014, as depicted in Table 3 below.

Table 3: Condition Mix of Paved & Unpaved Road Network Condition from 1997 to 2014

YEAR	GOOD		FAIR		POOR		TOTAL	
	Km	%	Km	%	Km	%	Km	%
1997	2,512.00	18	3,210.00	23	8,233.00	59	13,955.00	100
1998	2,566.00	19	3,377.00	25	7,564.00	56	13,507.00	100
1999	4,433.00	33	4,970.00	37	4,030.00	30	13,433.00	100
2000	3,381.00	30	4,293.00	39	3,448.00	31	11,121.00	100
2001	2,726.00	23	3,152.00	27	5,984.00	50	11,850.00	100
2002	3,089.00	26	3,244.00	27	5,639.00	47	11,972.00	100
2003	3,272.00	29	3,316.00	30	4,540.00	41	11,128.00	100
2004	4,410.00	40	3,294.00	30	3,250.00	30	10,942.00	100
2005	4,739.00	42	3,510.00	31	2,928.00	26	11,177.00	100
2006	5,402.00	0	3,397.00	0	2,924.00	0	11,723.00	100
2007	6,342.00	57	2,970.00	27	1,868.00	17	11,180.00	100
2008	4,696.00	40	3,771.00	32	3,150.00	27	11,618.00	100
2010	3,865.00	29	5,841.00	44	3,556.00	27	13,263.00	100
2011	4,567.00	34	3,758.00	28	5,019.00	38	13,344.00	100
2012	6,183.50	46	4,411.80	33	2,881.90	21	13,477.00	100
2013	6,490.00	52	4,271.00	34	1,777.00	14	12,538.00	100
2014	7,492.33	52	5,643.59	39	1,262.80	9	14,398.72	100

Source: GHA Road Maintenance Division, March 2016

Figure 1: Graphical presentation of 2014 Road Condition Mix for Paved & Gravel Roads



Source: GHA Road Maintenance Division, March 2016

CHAPTER TWO

2.0 ADMINISTRATION DEPARTMENT

2.1 Finance Division

2.1 .1 Financial Status Report

As have been repeatedly reported in previous reports, the Authority is constrained by undue delay in the release of funds. Details of the Approved Budget Ceilings for the year 2015 and the pattern of releases as at 31st March, 2016 are provided below:

ITEM DETAILS	<u>Budget Approved GH¢</u>	<u>Amount Released GH¢</u>	<u>% Released</u>
1. Compensation for Employees	22,442,466.00	5,552,167.07	24.74
2. Goods and Services	148,795.00		0.00
3. Investment - GOG	96,618,257.00	8,390,722.27	8.68
4. Investment - GOG Arrears (As at 30 th Dec. 2015)	592,968,652.41	2,824,186.85	0.48
5. Investment - Road Fund	75,000,000.00	2,304,482.10	3.07
6. Investment – Road Fund Arrears (as at 30 th Dec. 2015)	128,647,064.83	15,234,082.08	11.84
7. IGF	4,540,633.00	1,143,693.00	25.19
8. Investment - Donor	144,713,631.00	137,729,145.23	95.17
	<u>Arrears as @March 2016</u>	<u>Amount Released</u>	<u>%</u>
Salary Related Allowances	3,028,684.75	-	

2.1.2 Recurrent Expenditure

Details of the Approved Budget Ceilings for the year 2016 and the pattern of releases as at 31st March 2016 are provided in Table 4

2.1.3 Expenditure Incurred & Releases

2.1.3.1 Routine Maintenance

An amount of GH¢91,385,527.36 was outstanding for routine maintenance as at 31st December, 2015. Contract Certificates raised for work done during this quarter amounted to GH¢35,350,652.99 whilst payment made for the first quarter by Road Fund Secretariat was GH¢11,703,198.07. The outstanding certificates stood at GH¢115,032,982.28 as at 31st March, 2016.

2.1.3.2 Periodic Maintenance & Minor Works

An amount of GH¢37,261,537.47 was outstanding for work done under Periodic Maintenance & Minor Works as at 31st December, 2015. The certificates submitted for work done for this quarter amounted to GH¢5,765,349.60. Payment made for the quarter by Road Fund Secretariat was GH¢2,668,362.87. The total outstanding Certificates as at 31st March, 2016 were GH¢40,387,588.50.

2.1.3.3 Development/Capital Projects

An amount of GH¢592,968,652.41 was outstanding as at 31st December, 2015 for GOG Funded Projects. Certificates submitted for work done for the first quarter amounted to GH¢137,729,145.23. The total release made by MOFEP during the quarter was GH¢11,214,909.12 (it includes arrears for last year of GH¢2,824,186.85) bringing the total release as at 31st March, 2016 to GH¢11,214,909.12). The total unpaid certificates as at 31st March, 2016 amounted to GH¢723,141,372.51. This figure includes arrears from previous years.

Table 4: Approved Budget for the Year 2016 & Releases as 31st March 2016

Expense Item	Budgets GH¢		Receipts/Releases GH¢			GH¢	GH¢
	Approved	Revised	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Cum. releases
Personnel Emoluments	22,442,466		5,552,167				5,552,167
Goods and Services	148,795		-				-
Total	22,591,261	-	5,552,167	-	-	-	5,552,167
Development							
- GoG***	689,586,909	-	11,214,909				11,214,909
- Donor*	144,713,631		41,100,985				41,100,985
(AB Fund Oil Revenue)			-				
Total	834,300,540	-	52,315,894	-	-	-	52,315,894
Maintenance							
- Periodic (Road Fund)	2,933,464		2,668,362.9				2,668,363
Road Fund Arrears as 31st Dec 2015	128,647,065		15,234,082.1				15,234,082
- Routine (Road Fund)	71,616,536		11,703,564.1				11,703,564
**Others			3,167,003.2				3,167,003
Total	203,197,065	-	32,773,012	-	-	-	32,773,012
Maintenance (Donor)							
Periodice Maintenance							-
Traffic M'gt & Road Safety Activities							-
Internal Generated Fund (IGF)	4,540,633		142,427				142,427
Total	4,540,633	-	142,427	-	-	-	142,427
Grand Total	1,064,629,499	-	90,783,501	-	-	-	90,783,501
* For List of Donors, please refer to Table: 5							
**Others are made up of releases from Road Fund Secretariat for Toll Operations, GHA Units and Training							
*** It includes arrears as at 31st December 2015 please refer to page 11 of the report for details							

Source: GHA Finance Division, March' 2016

2.1.4 Revolving Fund & Financial Position of the Fund

There was no transfer of money to the Revolving Fund during the first quarter of 2016 due to non-release of Subvention from Central Government. The Unit operated through its Internally Generated Fund.

2.1.5 Audited Accounts

The External auditors have started the Annual Audit of GHA financial statements for the year 2015.

Table 5: Summary of Funds Released

	1 st Quarter 2016	Cumulative for the Year 2016
Recurrent Expenditure:	GH¢	GH¢
Item 1 – Compensation – Salaries & Wages	5,552,167.07	5,552,167.07
Item 2 – Goods & Services		
Item 3 – Salary Related Allowances		
Item 4 – Investment:		
Routine Maintenance	11,703,564.07	11,703,198.07
Periodic Maintenance & Minor Works	2,668,362.87	2,668,362.87
Consultancy – Road Fund/ Training		
Fuel for Monitoring		
Ferries (Senchi & Ada)	614,765.60	614,765.60
Supervision & Data Collection (Rd Cond. Survey)	15,287.64	15,287.64
GHA Units		
Release for Tolls Operation	2,536,950.00	2,536,950.00
Axle Load and weighing Management		
Capital/Investment		
GOG Release (both current & arrears)	11,214,909.12	11,214,909.12
DONOR: EU	7,137,704.64	7,137,704.64
ADB	8,137,360.84	8,137,360.84
TSP	4,683,663.56	4,683,663.56
BRAZIL	21,142,256.10	21,142,256.16
TOTAL	41,100,985.13	41,100,985.13

e

Exchange Rate \$ 1 = GH¢ 3.8365 *Source: GHA Finance Division, March 2016*

2.1.7 Revenue from Tolls

2.1.7.1 Road and Bridges Tolls

Total revenue from toll operations for the first quarter of 2016 amounted to GH¢16,120,159.90. This represents 11.36% increase as compared to the amount of GH¢14,476,146.32 collected for the first quarter of 2015.

The recorded increase of GH¢1,644,013.58 was due to the cash collection exercise at some of the Toll stations as well as other factors including increase in vehicular traffic.

Table 6: Comparative Toll Revenue Performance (Actual and Budget, 2016 & 2015)

Toll Revenue Type	Budget 1st Qtr. 2016	Actual collection, 1st Qtr. 2016	Percentage Achieved, 1st Qtr. 2016	Actual collection, 1st Qtr. 2015	Actual collection, 4th Qtr. 2015
	GH¢	GH¢	%	GH¢	GH¢
Revenue from manual toll stations	10,505,984.36	9,789,338.04	93.18	8,407,077.93	9,621,358.00
Revenue from Ada Ferry	22,500.00	23,060.70	102.49	0.00	20,608.00
Senchi & Akrade	0.00	0.00	0.00	1,321,546.00	1,203,902.00
SUB-TOTAL	10,528,484.36	9,812,398.74	93.20	9,728,623.93	10,845,868.00
Revenue from automated toll stations	5,776,003.00	6,330,821.86	109.61	6,069,068.39	5,720,971.10
GRAND TOTAL	16,304,487.36	16,143,220.60	99.01	15,797,692.32	16,566,839.10

Source: GHA Finance Division, March 2016

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 31st March, 2016, staff strength of the Authority stood at **1,505** against an Establishment of 2,529. This comprised 688 being 45.71% Senior Staff and 817 being 54.29% Junior Staff as shown in the table below;

Table 7: Human Resource Strength – GHA Staff Structure as of 31st March, 2016

GHA HUMAN RESOURCE STRENGTH -STAFF STRUCTURE 31ST MARCH. 2016																
DESCRIPTION OF OCCUPATION	ACTUAL STRENGTH	VACANCY	HQ	GAR	VR	ER	CR	WR	ASH	BAR	NR	UER	UWR	MMU	BMU	I&II
TOP EXECUTIVES	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
DIRECTORS	30	-3	20	1	1	1	1	1	1	1	1	1	1	1	0	0
ENGINEERS (FROM ASSIST. ENGR. TO PRIN.	145	27	106	3	3	5	3	4	4	4	3	3	2	3	2	
OTHER PROFESSIONAL STAFF	56	31	35	2	2	2	3	1	3	2	3	1	2	0	0	
ADMINITVE AND OTHER MANAGERIAL STAF	220	261	121	8	9	14	10	6	13	8	8	6	7	8	2	
TECHNICIAN ENGINEER STAFF	136	39	70	6	5	4	6	4	5	5	8	6	7	4	6	
TECHNICAL AND SUPERVISORY STAFF (I)	69	260	13	4	4	8	6	7	6	6	7	2	1	3	2	
WORKS SUPERINTENDENTS	29	-29	10	0	3	6	3	0	1	2	1	0	0	1	2	
SENIOR STAFF	688	587	378	24	27	40	32	23	33	28	31	19	20	19	14	
TECHNICAL AND SUPERVISORY STAFF (II)	85	-85	19	4	6	5	9	8	7	10	7	3	5	2	0	
FOREMEN	3	-3	2	0	0	0	0	0	0	0	1	0	0	0	0	
ROAD OVERSEERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLERICAL STAFF	113	106	33	3	7	16	10	8	12	7	7	4	3	1	0	
SKILLED WORKERS	274	209	71	10	9	16	13	17	30	14	16	11	8	39	20	
SEMI-SKILLED	342	210	103	12	18	34	30	14	24	24	26	15	17	16	10	
TRAINEES / APPRENTICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JUNIOR STAFF	817	437	228	29	40	71	62	47	73	55	57	33	33	58	30	
GRAND TOTAL	1505	1024	606	53	67	111	94	70	106	83	88	52	53	77	44	

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

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

Source: GHA Human Resource Division, March 2016

Table 8: Age Group Distribution – Whole of GHA 31st March 2016

AGE GROUP DISTRIBUTION OF ALL GHA STAFF-MARCH-2016							
OCCUPATION CATEGORY	55 AND ABOVE	50-54	45-49	40-44	35-39	34 AND BELOW	TOTAL
ADM./ OTHER MANAGERIAL STAFF	99	41	14	10	23	33	220
CLERICAL STAFF	52	14	1	1	5	40	113
ENGINEERS	31	29	19	8	21	70	178
FOREMAN/CHARGEMAN	1	1	0	0	1	0	3
OTHER PROFESSIONAL STAFF	9	11	11	2	9	14	56
SEMI-SKILLED STAFF	105	67	23	31	52	64	342
SKILLED WORKERS	105	68	16	25	26	34	274
SUPERINTENDENT	16	12	1	0	0	0	29
TECH.& SUPERVISORY STAFF (I)	18	25	5	2	13	6	69
TECH.& SUPERVISORY STAFF (II)	0	0	1	4	11	69	85
TECHNICIAN ENGINEER STAFF	36	28	14	2	22	34	136
	472	296	105	85	183	364	1505

Source: GHA Human Resource Division, March 2016

2.2.2 Recruitment of Key Staff to Replace Exited Key Staff

At the latter part of the fourth (4th) quarter 2014, approval was received from the Public Services Commission based on the request the Authority sent to them for approval to replace one hundred and two (102), 2012/2013 exited staff. The Authority then submitted a request to Ministry of Finance for its financial clearance to replace them

2.2.3 Labour Turn Over

Twenty members of staff proceeded on compulsory retirements during the first quarter. Total exits (including retirements, deaths, resignations and dismissals.) for the period 2nd January to March 31st, 2016 stood at 26.

Details of staff exits including are shown in the table below.

Table 9: Labour Turn Over

EXITS	SENIOR STAFF	JUNIOR STAFF	TOTAL
Retirement	14	6	20
Resignation	0	1	1
Deaths	2	2	4
Dismissals	0	1	1
Vacation of Post	0	0	0
Total	16	10	26

Source: GHA Human Resource Division, March 2016

2.3 Internal Audit Division

The Division made available to management various reviews, recommendations and undertook a series of control activities during the first quarter of 2016. The table below shows details of some of the key activities undertaken by the Division in period under review and their status.

Table 10: Details of Some Audit Activities Carried in 1st Quarter 2016

1.	Human Resource Audit	<i>On-going</i>
2.	Pre- Audit ;Promotion and interdiction inputes at the Head Office	<i>On-going</i>
3.	Pre- Audit ; Transport Sector Project and Abijan Lagos & Transport Facilitation Projects	<i>On-going</i>
4.	Special Toll monitoring Assignment on the varieuse Toll Plazas	<i>completed</i>
5.	Cash Account Audit (Head Office Region)	<i>On-going</i>
6.	Review of Rehabilitation of Agona Junction – Elubo Road (KM 30 - 60) Lot 2 (IPC 11 & 12)	<i>On-going</i>
7.	Review of Rehabilitation of Agona Junction – Elubo Road (KM 60 - 90) Lot 3 (IPC 13,14 & 15)	<i>On-going</i>
8.	Audit of compensation payments	<i>On-going</i>
9.	Review of Rehabilitation of Ayamfuri – New Obuase – Asawinso Road (Km 0 -26) Lot 1 (IPC 14,15,17,18,19)	<i>On-going</i>
10.	Review of Rehabilitation of Anyinam – Konongo – Nkawkaw – Atibie (9.0km) IPC 8 & 9	<i>On-going</i>
11.	Review of Rehabilitation of Agona Junction – Elubo Road (KM 0 - 30) Lot 1 (IPC 11,12 & 13)	<i>On-going</i>
12.	Review of GHA's Rent deduction from Controller and Accountant General's Department for the period 2013.	<i>Ongoing</i>
13.	Review of Monthly Expenditure Returs from the regions(September, 2015 – Nov.2015)	<i>Completed</i>

Source: GHA Internal Audit Division, March 2016

2.4 Legal Services Division

These civil cases received attention in Court during the year under review. Their status are set out in Table 11 below:

Table 11: Court Cases involving the Authority

NO.	TITLE	COURT	SUBJECT	REMARKS
1	GHANA FEDERATION OF THE DISABLED VRS ATTORNEY GENERAL, GHANA HIGHWAY AUTHORITY MILLENNIUM DEVELOPMENT AUTHORITY	High Court, Human Right Division Accra	It would be recalled that the Plaintiff sued in relation to the Tetteh Quarshie-Mallam Highway. It claimed that the interest of the Disabled was not catered for in that adequate safety measures were not put in place for them.	The case was still pending, but measures were being put in place to address the concerns.
2	INVENT MEDIA VRS GHA	High Court, Fast Track	Plaintiff claimed that its billboard erected near the Tetteh Quarshie Interchange was forcibly and recklessly removed at the behest of the Authority	The substantive case is pending
3	TOP OIL VRS 1. ALHAJI YUSSIF 2. GHANA HIGHWAY AUTHORITY	High Court (Land Division) Tema	The Defendant Alhaji Yussif sued the Authority by a counter claim for wrongful payment of compensation money to the Plaintiff Top Oil.	Still Pending
4	MRS. CECILIA BUAH BLANKSON VRS 1. GHA 2. MANAGING DIRECTOR (MAWUMS CO.LTD)	District Magistrate Court Twifo Praso	The Plaintiff sued the Defendants jointly and severally for damages caused by the poor construction of drainage in front of her guest house which had allegedly resulted in flooding of her guest house anytime it rains.	the case is ongoing
5	CARL JOSIAH REINDORF & OTHERS VRS 1. ATTORNEY GENERAL 2. GHANA HIGHWAY AUTHORITY	High Court, Accra	The Plaintiffs are claiming compensation in relation to land affected by the Achimota-Ofankor Road Project.	The case is still pending
6	LONGLIFE CONFECTIONERY LTD VRS 1. ATTORNEY GENERAL 2. GHANA HIGHWAY AUTHORITY 3. CHINA RAILWAY (WUJU) GROUP CORP.	High Court, Commercial Division Accra	Compensation	The case is still pending
7	SALIFU ABDULAI AND OTHERS VRS 1. GHANA HIGHWAY AUTHORITY 2. CHINA INT. WATER & ELECTRIC CORPORATION 3. CHINA RAILWAY WUJU GROUP	High Court, Fast Track Division Accra	A driver and his assistant driver died when their articulated vehicle hit a road block on the By-pass ans somersaulted. The plaintiffs who include the owner of the articulated vehicle and relatives of the deceased drivers sued for the value of the articulated vehicle and compensation for the deceased drivers.	The case has been adjourned to Monday 9th May, 2016 for judgement.
8	JONAS ADOMAKO OWUSU VRS 1. MILLENNIUM DEV. AUTHORITY 2. LANDS COMMISSION 3. GHANA HIGHWAY AUTHORITY 4. ATTORNEY GENERAL	High Court, Commercial Division Accra	Claim for compensation for properties affected by the construction of Tetteh-Quarshie Mallam Highway Project	The case was adjourned without a date.
9	MADAM DORA KAI ANNANG VRS 1. GHANA HIGHWAY AUTHORITY 2. DEPT. OF URBAN ROADS, ACCRA	High Court, Accra	Compensation claim for property affected by the road constructed around Teshie-Tebibianor.	The case was in progress during the period
10	KWESI ATTAH VRS 1. KINGSLEY KWAKYE 2. SOWAH S. ADJETEY 3. GHA	High Court, Koforidua	This is an accident case and the Plaintiff who was affected person sued the Authority and its driver among others.	This case is pending
11	GREEN AGRICULTURAL FARMS LTD. VRS 1. FRIMPS OIL CO. LTD., 2. GHANA HIGHWAY AUTHORITY	High Court, Land Division' Accra	Plaintiff claim that a public bath terminal located very near to the entrance of 1st Defendant filling station was being relocated by the Defendant on Plaintiff's with the Plaintiff consent	This case has become dormant
12	EDWARD KOBBLAH PENU VRS 1. MILLENNIUM DEVT. AUTH 2. GHANA HIGHWAY AUTHORITY	High Court Human Rights Division, Accra	Claim for Compensation for property affected by the Tetteh-Quarshie Mallam Highway Project.	The case is pending
13	JOEMERSA COMPANY VRS GHANA HIGHWAY AUTHORITY	High Court, Commercial Division Sunyani	The plaintiff claimed that a few years back he was awarded a contract for construction of drains. He alleged that when he had almos completed the project he was requested to stop work because his project had been swallowed by a larger one to be executed by a Korean firm.	The case adjourned without a date

NO.	TITLE
1	GHANA FEDERATION
	VRS
	ATTORNEY GENERAL
	GHANA HIGHWAY
	MILLENNIUM DEVELOPMENT
2	INVENT MEDIA
	VRS
	GHA
3	TOP OIL
	VRS
	1. ALHAJI YUSSIF
	2. GHANA HIGHWAY
4	MRS. CECILIA BU
	VRS
	1. GHA
	2. MANAGING DIRECTOR
5	CARL JOSIAH RE
	VRS
	1. ATTORNEY GENERAL
	2. GHANA HIGHWAY
6	LONGLIFE CONF
	1. ATTORNEY GENERAL
	2. GHANA HIGHWAY
	3. CHINA RAILWAY
	CORP.
7	SALIFU ABDULA
	VRS
	1. GHANA HIGHWAY
	2. CHINA INT. WATER

	CORPORATION
	3. CHINA RAILWAY GROUP
8	JONAS ADOMAKO
	VRS
	1. MILLENNIUM TELECOM
	2. LANDS COMMISSION
	3. GHANA HIGHWAYS
	4. ATTORNEY GENERAL
9	MADAM DORA K
	VRS
	1. GHANA HIGHWAYS
	2. DEPT. OF URBAN
10	KWESI ATTAH
	1. KINGSLEY KWAME
	2. SOWAH S. ADJ
	3. GHA
11	GREEN AGRICULTURE
	LTD.
	VRS
	1. FRIMPS OIL CO
	2. GHANA HIGHWAYS
12	EDWARD KOBBI
	VRS
	1. MILLENNIUM TELECOM
	2. GHANA HIGHWAYS
13	JOEMERSA COM
	VRS
	GHANA HIGHWAYS
14	1. JOHN BENYAW

	2. SAMUEL KWA
	VRS
	1. GHANA HIGHW
	2. THE ATTORNE
	3.CHINA HENA C
15	ELVIS KWAKU A
	VRS
	GHANA HIGHWA
16	MERCY KABUKI
	AKROFI)
	VRS
	GHANA HIGHWA
17	1. AMOAKO ABA
	2. VALUATION D
	VRS
	1. GHANA HIGHW
	2. ATTORNEY GE
18	BEN SEVOR
	VRS
	GHANA HIGHWA
19	NICHOLAS MAM
	LYDIA OPPONG
	VRS
	1. ARMAH ASHIT
	2. GHA
20	NANA KOFI ARK
	131 OTHERS
	VRS
	1. GHANA HIGHW
	2. ATTORNEY GE

	3. JYNES CONSTI
21	JAPAN MOTORS
	VRS
	GHANA HIGHWA
22	JOHN BENYAWO
	SAMUEL KWADV
	VRS
	1. GHANA HIGHW
	2. THE ATTORNE
	3. CHINA HENA C
23	NYAGSI ENGINE
	VRS
	GHANA HIGHWA
24	ADUANA DAWU
	ATADANSO
	VRS
	GHANA HIGHWA
25	WEIGHTON INTE
	VRS
	GHANA HIGHWA

14	1. JOHN BENYAWOH 2. SAMUEL KWADWO IDAN VRS 1. GHANA HIGHWAY AUTHORITY 2. THE ATTORNEY GENERAL 3. CHINA HENA COMPANY	High Court, Takoradi	The Plaintiff sued for injunction to restrain Defendants in relation to the development of the Agona Junction-Elubo Road Project Lot II in the Ahanta West and Axim East in the Western Region unless they were duly compensated.	The matter was still pending
15	ELVIS KWAKU AGYEMANG-BADU VRS GHANA HIGHWAY AUTHORITY	High Court (Industrial & Labour Division) Accra	Plaintiff sued the Authority for the payment of outstanding salaries and up to his retirement date 1st Sept. 2011.	The case is pending
16	MERCY KABUKI TETTEHFIO (NEE AKROFI) VRS GHANA HIGHWAY AUTHORITY	High Court (Labour Division) Accra	The Plaintiff in this case is a former staff of the Authority who has sued for wrongful compulsory retirement by the Authority.	The case is pending
17	1. AMOAKO ABABIO & CO 2. VALUATION DEVELOPMENT SERVICE VRS 1. GHANA HIGHWAY AUTHORITY 2. ATTORNEY GENERAL	High Court (Fast Tract), Accra	Plaintiffs are Private Valuation are claiming compensation from GHA	The case is pending
18	BEN SEVOR VRS GHANA HIGHWAY AUTHORITY & 11 OTHERS	High Court, Human Rights Division, Accra	Plaintiff sued in relation to the Tetteh Quarshie-Mallam Highway. It claimed the interest of the Disabled was not catered for in that adequate safety measures were not put in place for them.	The case is pending
19	NICHOLAS MAMPHI NYANTEY LYDIA OPPONG VRS 1. ARMAH ASHITEY 2. GHA	High Court, Koforidua	This was an accident case and the Plaintiff who were affected persons sued the Authority and its driver.	The case is still pending
20	NANA KOFI ARKESI II & 131 OTHERS VRS 1. GHANA HIGHWAY AUTHORITY 2. ATTORNEY GENERAL'S DEPT. 3. JYNES CONSTRUCTION COMPANY	High Court, Sekondi Takoradi	Plaintiff have sued for an injunction to restrain Defendants on the dev. Of Agona Junction to Elubo road Lot I in the Ahanta West and Axim East. Compensation is required	The case is pending
21	JAPAN MOTORS TRADING CO. LTD. VRS GHANA HIGHWAY AUTHORITY	High Court (Commercial Division)	The Plaintiff sued for an Order to direct the Authority to pay an amount of ₵27,612,692.00 million being the contract sum for the supply of two water tankers due them	Administrative processes were being finalized by the Authority for the payment
22	JOHN BENYAWOH SAMUEL KWADWO IDAN VRS 1. GHANA HIGHWAY AUTHORITY 2. THE ATTORNEY GENERAL 3. CHINA HENA COMPANY	High Court, Takoradi	Plaintiff have sued for the injunction to restrain Defendants on the development of Agona Junction to Elubo road Lot II in the Ahanta West and Axim East in the Western Region.	The case is pending
23	NYAGSI ENGINEERS LTD. VRS GHANA HIGHWAY AUTHORITY	High Court, Commercial Division Accra	Plaintiff sued the Authority for breach of contract	The case is pending
24	ADUANA DAWURAMPONG STOOL OF ASSIN ATADANSO VRS GHANA HIGHWAY AUTHORITY	High Court Commercial Division	Plaintiff sued the Authority to recover the sum of GH₵19,632.70 due it for work executed for GHA	The Plaintiff was duly paid to bring the matter to an end
25	WEIGHTON INTERNATIONAL LTD VRS GHANA HIGHWAY AUTHORITY	High Court, (Commercial Division) Accra	The Plaintiff did work for the Authority and there was dispute over his monetary claim.	The case is pending

Source: GHA Legal Division March 2016

2.5 Management Information Systems Division

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.

The Director of MIS delivered a paper on Information Security at a seminar at the Management Conference at Sewfi Wiawso. The technical team of the division continued their routine visits to the toll booths namely Kasoa, Ashiaman and Accra-Tema motorway and did routine maintenance on the equipment in the toll booths.

2.5.2 Provision of Local Area Network for Ashanti, Brong Ahafo Northern & Upper East Regions under WATTFP

Under the WATTEP programme, the contract for the installation of Local Area Networks (LAN) has been completed. The Head Office continues to support the regions. Arrangements are being made for the regions to employ IT personnel to give support to their systems.

2.6 Public Affairs Division

Press Activities

Interviews were granted on three TV Stations (GTV, Metro TV and ETV) on the Aburi Scarp Protection Works, Abofu Footbridge on the N1 which had been hit by an excavator on a pay loader and video coverage of the Eastern Corridor (Lots 5&6) Road for production of a Documentary.

Immigration Assistance

The Division assisted three expatriates who were engaged on G.H.A. projects to acquire Residence and Work permits.

Advertisement / Announcement

Six adverts were carried as follows;

- Repair works on Concrete Bridge over Korle Lagoon in Accra
- Rehabilitation of Three Steel Bridges
- Addendum – Rehabilitation of Three (3) Steel Bridges
- Private Management of Trunk Road

- Addendum No1. Routine Maintenance of Trunk Road
- Supply Of Computers, Anti – Virus and Tolls Automation Equipment.

2.7 Training & Development Division

A summary of the training and the development programme for the year 2016 is presented in Table 12. The details of various programs that were organised during the quarter is also shown in Table 13.

Table 12: Training & Development Programme for the Year 2016

CATEGORY	ACTIVITY	LOCATION	NO. OF STAFF	NO. TRAINED	NO. TRAINED	NO. TRAINED	NO. TRAINED	REASONS FOR ACHIEVEMENT
			TO BE TRAINED	IN 1ST	IN 2ND	IN 3RD	IN 4TH	
			IN THE YEAR	QUARTER	QUARTER	QUARTER	QUARTER	
MGT. LEVEL	Seminar/Conference/ Workshop	Foreign	2	0				
	Fellowship	Foreign	0	0				
	Seminar/Conference/ Workshop/ (In-house)	Local	40	14				2016 Retreat of the Ministry of Roads & Highways, Volta Serene Hotel
	Local Institution	Local	20					
MIDDLE LEVEL	Seminar/Conference/ Workshop	Foreign	3	0				
	Higher Level Training	Foreign	0	0				
	Fellowship	Foreign	0	0				
	Seminar/Conference/ Workshop (In-house)	Local	266	20				2016 Retreat of the Ministry of Roads & Highways, Volta Serene Hotel - Consultancy Services for Development of Guidelines and Checklist for the review of Engineering Studies and Design Report, MRH - Research for Community Access Partnership (ReCAP), Koforidua Trng. Centre - Consultancy Services for Development of Guidelines and Checklist for the Review of Engineering Studies and Design reports submitted by Consultants to the implementation Agencies, MRH
	Higher Level Training (MSc/MBA)	Local	7	4				MSc in Road and Transportation Engineering, KNUST - MSc Structural Engineering, KNUST - MBA in Accounting and Finance, UP SA
	HND/BSc. Programme	Local	4	2				BBA in Business Administration- Methodist University, Bachelor of Commence Programme, Univ. of Cape Coast
	Local Institution	Local	89	0				
JUNIOR STAFF	HND/BSc. Programmes	Local	4	0				
	Seminar/Wkshop/ In-house	Local	80	0				
	TOTAL		515	40				

Source: GHA Training & Development Division March 2016

Table 13: Training & Development Program organized in the 1st Quarter of 2016

NO	LOCATION	COURSE TITLE	NO. OF PARTICIPANTS	LEVEL	COUNTRY/ VENUE
1	LOCAL	2016 Retreat of the Ministry of Roads & Highways	14	Mgt.	Volta Serene Hotel
2	LOCAL	2016 Retreat of the Ministry of Roads & Highways	2	Middle	Volta Serene Hotel
3	LOCAL	Consultancy Services for Development of Guidelines and Checklist for the review of Engineering Studies and Design Reports	9	Middle	Ministry of Roads & Highways
4	LOCAL	Research for Community Access Partnership (ReCAP) - United Kingdom	7	Middle	Koforidua Training Centre (KTC)
5	LOCAL	Consultancy Services for Development of Guidelines and Checklist for the review of Engineering Studies and Design Reports	2	Middle	Ministry of Roads & Highways
6	LOCAL	MSc in Road and Transportation Engineering	2	Middle	KNUST
7	LOCAL	MSc Structural Engineering	1	Middle	KNUST
8	LOCAL	MBA in Accounting and Finance	1	Middle	UPSA
9	LOCAL	BBA in Business Administration	1	Middle	Methodist University
10	LOCAL	Bachelor of Commerce Programme	1	Middle	Univ. of Cape Coast

Source: GHA Training & Development Division March 2016

CHAPTER THREE

3.0 MAINTENANCE DEPARTMENT

3.1 Road Maintenance Division

3.1.1 Maintenance Projects

- **Routine Maintenance**

The approved program for the year under review is 28,125km at a cost of GH¢67.81 million. A total of 17.26% was achieved in the 1st quarter at a cost of GH¢ 11.70 million.

- **Periodic Maintenance & Minor Rehabilitation**

A total of 38.15km length of road was approved for periodic maintenance and minor rehabilitation works. The break down is 20.38km at a cost of GH¢5.90million and 17.77km at a cost of GH¢1.30 million respectively.

GOG (Road Fund & Consolidated Fund & Cocobod) Projects

On-going Projects

Currently there are three hundred and ninety (390) on-going maintenance projects. The breakdown into various activities is as below:

Table 14: On-going Maintenance Projects

NO.	ACTIVITY	NO. OF PROJECTS			LENGTH (KM)
		SOURCE OF FUNDING			
		CONSOLIDATED FUND	ROAD FUND	COCOBOD	
1	EMMERGENCY REPAIRS WORKS		4		44.50
2	REGRAVELLING/SPOT IMPROVEMENT		13		240.00
3	RESEALING		2		37.00
4	PARTIAL RECONSTRUCTION	20	2	27	879.42
5	TOWN ROADS	6	4		144.20
7	UPGRADING	50	7	32	1,687.95
8	BRIDGE/DRAINAGE STRUCTURES		222	1	
	TOTAL	76	254	60	3,033.07
			390		

Source: GHA Road Maintenance Division March 2016

Completed Projects

No project was completed within the quarter under review.

New Projects (Cocoa Funded Projects)

A total number of Sixteen (16) Contracts for the Phase III of Ghana Cocoa Board funded projects were awarded within the 1st quarter of the year. Details are as shown in table 15 below

Table 15: New Projects (Cocoa Board Funded Projects)

6	CR	Partial Reconstruction of Amanful - Nyarkrom - Odobeng - Breman Asikuma Road (12km)	12.00	13,535,197.46
7	ER	Partial Reconstruction of Internal Roads at Cocoa Research Institute of Ghana (8km)	8.00	14,239,094.85
8	ER	Partial Reconstruction of Osenasi - Akwatia - Kade Road (Km 12 - 32)	20.00	51,279,535.42
9	ER	Partial Reconstruction of Apedwa - Kyebi - Bunso Road (18km)	18.00	42,615,268.42
10	ER	Reconstruction of access Roads to New Tafo (5.2km)	5.20	11,236,935.24
11	ER	Partial Reconstruction of Adoagyiri - Adeiso - Road (15.2km), Adeiso Town Roads (5.1km) and Access Road to Cocobod Warehouse at Nsawam (0.74km) Total Length -	21.04	36,542,427.00
12	VR	Reconstruction of Have - Hohoe (km 20-51.3)	31.30	82,310,878.09
13	VR	Construction of Kete - Krachi - Buya Road (km 30 - 56.9)	26.90	82,510,343.36
14	VR	Upgrading of Bame - Dzulukpita Road Road (17.2km)	17.20	40,281,325.26
15	WR	Rehabilitation of Prestea - Samreboi Road (km 0 - 40)	40.00	137,560,893.00
16	WR	Construction of Benchema Junction (Barrier) Adwofua Road (km 0 - 38)	38.00	149,972,476.14
			338.44	877,284,770.67

Source: GHA Road Maintenance Division March 2016

3.1.2 2016 Road Condition Survey

Data Collection

The 2016 Road Condition Survey data collection was done in the quarter under review. Analysis of the data and preparation of Road Condition Report will be completed within the next quarter.

Software Development

The software developer will deliver the final product at the 2015 Road Condition Survey Refresher Seminar.

3.1.3 Achievements of 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 16 below

Table 16: Details of Works by MMUI MMUII & BMU –as at 31st March 2016

GHA Units	Road Name	Activity	Length (km)	Project Cost (GH¢M)	Total cost of Work done to date (GH¢M)	Cumulated Achievemnt (%)	Remarks
MMU I	Sawla-Bamboi Road	Resealing	153	6.640	0.400	4.00	2600m ² of pothole patching executed on the Bole-Tinga. Work in progress.
	Adansi-Asokwa Weigh Bridge Project	Renovation works	-	1.173	0.430	36.66	Paving grout completed. Renovation of buildings on-going.
MMU II	Essuehyia-Otuam Road Phase II	Rehabilitation	6.3	2.300	1.700	92.00	Sealing works on-going
BMU	Yensiso Bridge	Repair Works	-	0.017	-	60.00	Damaged parapet wall replaced with steel railings. Seaqling of crack in abutment stem on hold due to water level.
	Bridge at Nkumkum	Replacement of Deck	-	0.097	-	45.00	Extension of abutment complete.
	Bridge over R. Mogla at Nakpali	Construction of abutments and piers.	-	0.680	-	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 March 2016

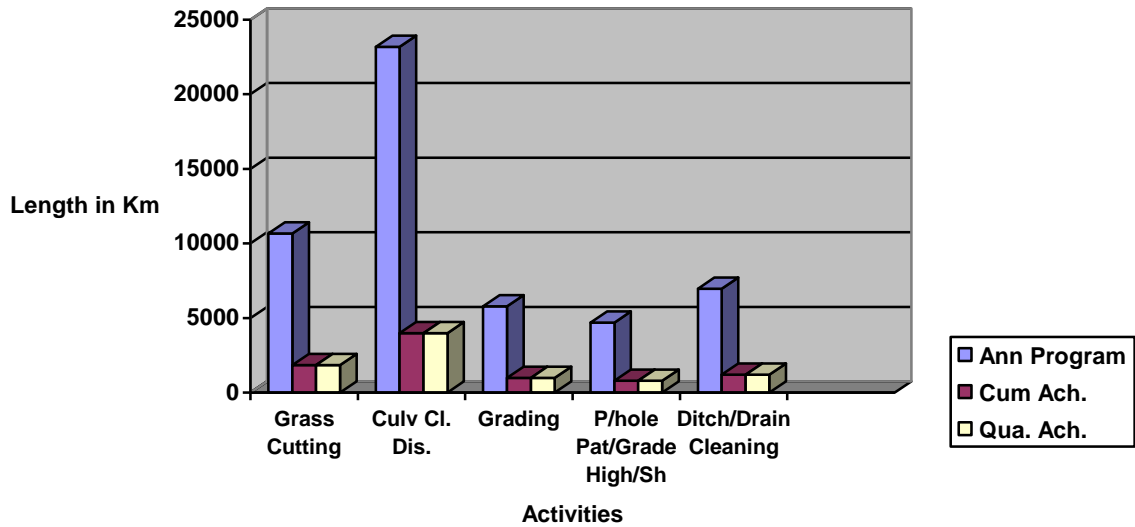
Table 17: Achievements in Routine & Periodic Mtce. Projects –as at 31st March 2016

ACTIVITY	2016 PLANNED PROGRAMME		2016 APPROVED PROGRAMME		1ST QUARTER ACHIEVEMENT	2ND QUARTER ACHIEVEMENT	3RD QUARTER ACHIEVEMENT	4TH QUARTER ACHIEVEMENT	CUMM. ACHIEVEMENT	ACHIEVEMENT (%)
	UNITS		UNITS							
ROUTINE MTCE										
Grass Cutting	Km	10,674.00	Km	10,674.00	1,842.31				1,842.31	17.26
Culvert Cleaning & Desilting	No.	23,162	No.	23,162.00	3,997.71				3,998	17.26
Ditch/Drain Cleaning	Km	6,960.00	Km	6,960.00	1,201.28				1,201.28	17.26
Grading	Km	5,798.00	Km	5,798.00	1,000.72				1,000.72	17.26
Pothole Patching & Grade High Shoulders	Km	4,692.80	Km	4,692.80	809.97				809.97	17.26
PERIODIC MTCE										
Regravelling/Spot Improvement	Km	16.40	Km	16.40	2.88				2.88	17.57
Resealing	Km	3.50	Km	3.50	-				-	-
Partial Reconstruction (Reshaping)	Km	15.46	Km	15.46	-				-	-
Overlay	Km	0.48	Km	0.48	-				-	-
Drainage Structures & Bridges	GH¢M	0.36	GH¢M	0.36	0.37				0.37	102.21
REHABILITATION										
Upgrading	Km	1.81	Km	1.81	0.99				0.99	54.74
Rehab. of Town Roads	Km	0.50	Km	0.50	0.27				0.27	53.97

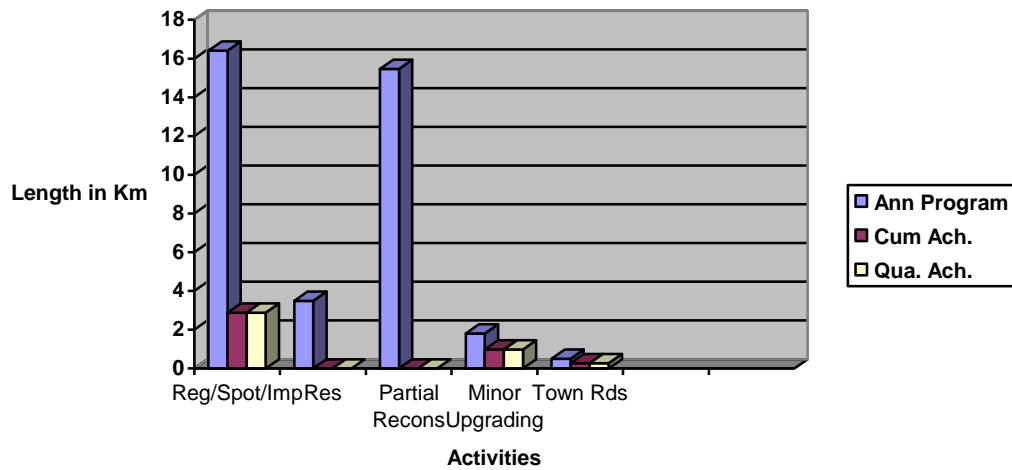
Source: GHA Road Maintenance Division March 2016

Figure 2: Achievements in Maintenance Projects

**Achievements in Routine Maintenance Programs
As at End of 1st Quarter 2016**



**Achievements in Periodic Maintenance as At the end of the
1st Quarter 2016**



Legend

Reg: Regravelling
Res: Resealing
Spot Imp: Spot Improvement

Tn.Rds: Town Roads
Culv. Cl. Dis: Culvert Cleaning & Desilting

3.2 Plant & Equipment Division

3.2.1 Operations

The availability of supervisory vehicles and other pieces of plant and equipment in Head Office, Regions and the Units was very high. This is due to the diligence of the Mechanical Staff at the various workshops. This could further be enhanced if funds were made available for the purchase of spare parts. Regions no longer operate earth moving equipment and thus the availability of such equipment is low. Nonetheless the availability of heavy equipment in the MMUs and BMU was high.

During the quarter, 190 jobs were received and 164 jobs were completed at the Central Mechanical Workshop.

Central Mechanical Workshop

During the quarter, 190 jobs were received, 164 completed and 8 outstanding at the Central Mechanical Workshop.

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

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

Table 18: Details of Completed Jobs (GHA)

MONTH SECTION	January		February		March		TOTAL	
	Recd.	Comp.	Recd.	Comp.	Recd.	Comp.	Recd.	Comp.
LIGHT	25	22	37	35	22	18	84	75
ELECTRICAL	16	12	34	30	20	19	70	61
ENGINE	0	0	1	1	2	1	3	2
ANCILLARY	-	-	-	-	-	-	-	-
HEAVY	6	2	2	3	1	0	9	5
MACHINE	0	0	3	3	2	2	5	5
							190	164

Source: GHA Plant & Equipment Division March 2016

Kumasi Zonal Workshop

3.2.2 Completed Jobs (Private Jobs):

During the quarter, the breakdown of the number of jobs received and completed at the workshop are as follows:

Job Type	No. Received	No. completed
Maintenance/Servicing	12	12
Repairs(Major & Minor)	10	10
Total	22	22

Head office

Revenue generated from private jobs undertaken during the quarter amounted to Eight Hundred and Eighty Ghana Cedis (**GH¢880.00**) mainly from the heavy section.

3.2.3 Ferries

Ada Ferries

The clearing of the water hyacinth weed under the Lower Volta Bridge at Sogakope has been executed by a contractor.

M/S Sogakope

It is making trips between Ada- Foah to Amedeka and Ada – Foah to Anyanui.

M/S Okor

M/S Okor has been slipped out of water over several years awaiting repairs. The ferry is deteriorating at an alarming rate. We are appealing to management to refurbish the ferry to serve as a source of IGF and to enhance the activities at the unit.

Senchi Ferries

The Senchi and Akrade ferries have seized operation with the completion of the rehabilitation of the Adomi Bridge.

3.2.4 Stores & Supplies Section

The Stores and Supplies Division of Ghana Highway Authority 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 Local Purchasing

The under-listed items were procured using the LPO System

Table 19: LPO Purchases 1st Quarter 2016

L.P.O No.	Description	JANUARY	FEBUARY	MARCH
O551761	Rubia SAE 40 oil	4,438.89		
O552774	Tyres	2,080.00		
		6,518.89		
O552778	Battery		1,120.00	
O552777	Safety Equipment		3,605.00	
O552775	Safety Boots		3,090.00	
O552776	Safety Equipment		5,459.00	
O552784	Textiles for Security		5,400.00	
O552783	Textiles for Security		3,800.00	
O552785	Tyres		3,400.00	
O552786	Tyres		4,750.00	
			30,624.00	
O552787/O552788	Stationery			4,932.65
O552781	Tyres			4,750.00
O552780	Tyres			2,640.00
O552779	Tyres			3,500.00
O552791	Air conditioners (2.5HP)			8,812.50
				24,635.15

Source: GHA Plant & Equipment Division March 2016

2.2.5 Axle Load Control Programme

Sixteen (16) out of the Seventeen (17) stations were operational during the quarter under review. The rehabilitation works at the Asokwa Weighbridge Station has not been completed, therefore there was no weighing activities there. Meanwhile, works on the weighing equipment and the driveway are completed and procurement of a Private Operator to manage the station is on-going. The GHA intends to start operating the Station in May, 2016 whilst works on the parking area continues.

The operations at all the weighbridge stations are detailed in Table 20 below.

2.2.5.1 Mobile Vans

Four (4) out of the eight (8) Mobile Weighing Vans were available during the quarter. The four (4) operated from the Upper East and Western Regions whereas the remaining two operated from the Head Office. The rest of the vans are undergoing repairs.

2.2.5.2 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.

Table 20: Status of Permanent Weighbridge Stations

Town/City	Location	Strategy	Status	Remarks
1. Tema	Aflao-Elubo road (Coastal Corridor)	Corridor/cordon	Privatised	Operational.
2. Afienya	(Eastern Corridor)	Corridor/cordon	Privatised	Operational.
3. Asuoyeboah		Corridor/cordon	Privatised	Operational.
4. Yapei	Tema – Paga Road (Central Corridor)	Corridor	Privatised	Operational.
5. Bolgatanga	Tema – Paga Road (Central Corridor)	Corridor	Privatised	Operational.
6. Elmina	Aflao-Elubo road (Coastal Corridor)	Corridor	Privatised	Operational.
7. Agona Junction	Aflao-Elubo road (Coastal Corridor)	Corridor	Privatised	Operational.
8. Bogoso	(Western Corridor)	Corridor /Hotspot	Privatised	Operational.
9. Offinso	Tema – Paga Road (Central Corridor)	Corridor/cordon	Privatised	Operational.
10. Boankra	Tema – Paga Road (Central Corridor)	Corridor/cordon	-	Non-Operational.
11. Akatsi	Aflao-Elubo road (Coastal Corridor)	Corridor	Privatised	Operational.
12. Mim		Hotspot	Privatised	Operational.
13. Sefwi Bekwai		Hotspot	Privatised	Operational.
14. Asokwa		Corridor	Privatised	Undergoing rehabilitation and repair works
15. Jema	Tema – Paga Road (Central Corridor)	Corridor	Privatised	Operational.
16. Sawla	Fulfusu-Sawla	Corridor		Procurement ongoing for Private Operator
17. Damango	Wa-Sawla	Corridor		Procurement ongoing for Private Operator

Source: GHA Plant & Equipment Division March 2016

2.2.5.3 Axle Load Control at the Ports

The four (4) Axle Weighers at the terminals at Tema Ports and two (2) portable weighing pads located at one loading point and the transit yard were all operational during the reporting period. The two (2) Axle Weighers at the Takoradi Port were also operational. Additional Axle Weigher is required at the Golden Jubilee Terminal to control over loading of trucks loading from that terminal.

2.2.5.4 Installation of Axle Load Control Database System

A Database System has been installed at fourteen (14) operational stations and the Head office. The Database System facilitates the compilation of data at the axle load stations and reporting in general.

2.2.5.5 Statistics from the Axle Load Stations

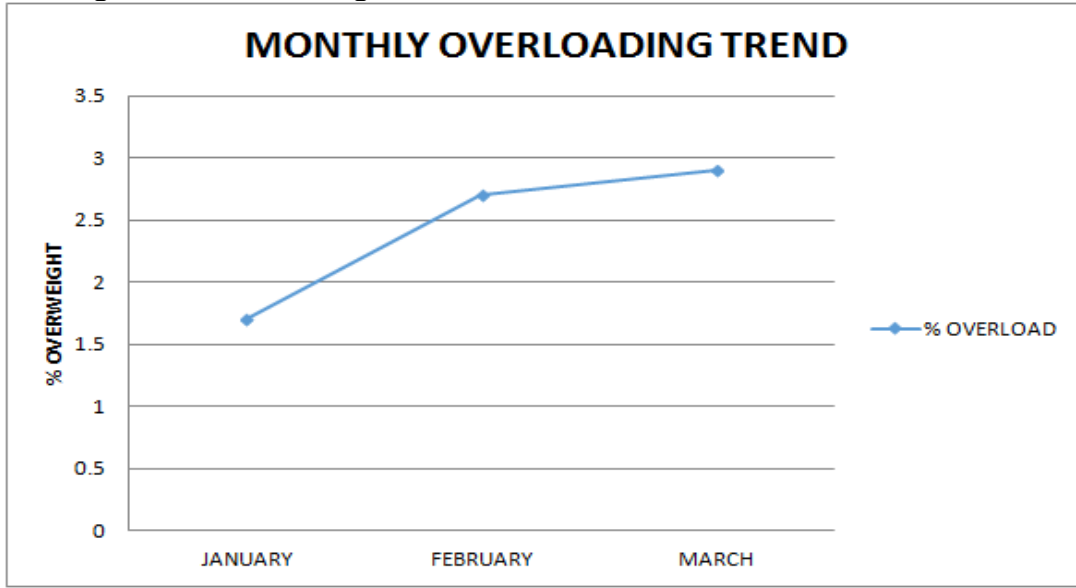
Statistics from the Permanent Weighbridge Stations are provided in figures 3 & 4. The statistics is based on gross weights. The statistics shows a marginal decline from 2.92% at the end of the fourth quarter of 2015 to an average 2.6% at end of the first quarter of 2016.

The level of overloading at the permanent weighing stations along the various corridors during the first quarter is depicted in figure 5. Though there was a decline in the level of overloading, the percentage of overloaded trucks at Asuayeboah and Mim Weighbridge Stations were significantly high for the months of February and March respectively. The predominant goods which have been identified to be usually overloaded at these two Stations are perishable food stuff and timber.

2.2.5.6 Portable Weighing Scales

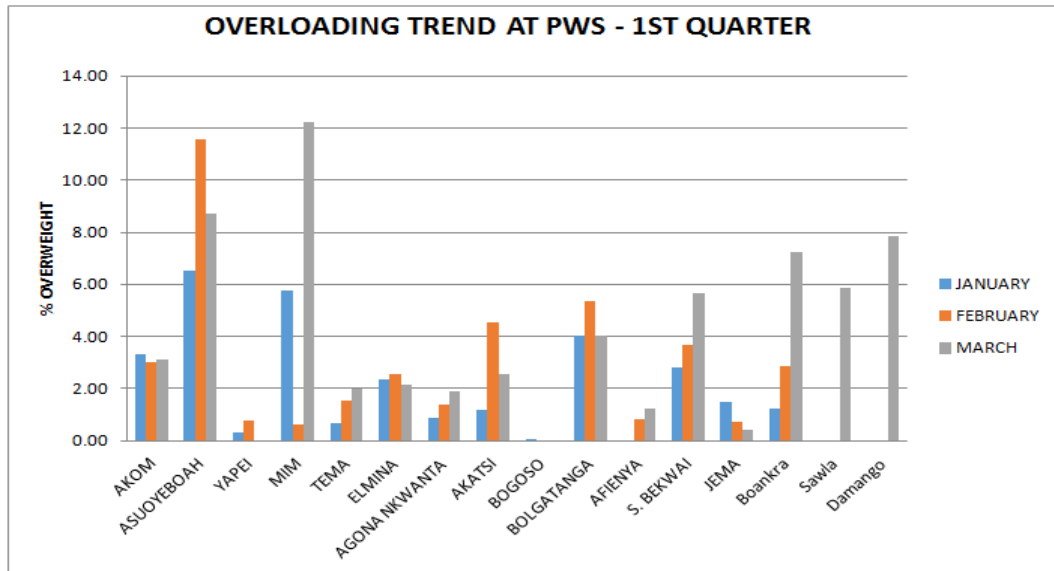
As reported in the last quarter about the malfunctioning of two of the equipment, Three (3) new portable weighing scales have been procured to replace the existing ones which were malfunctioning.

Figure 3: Overloading Trend - 1st Quarter, 2016



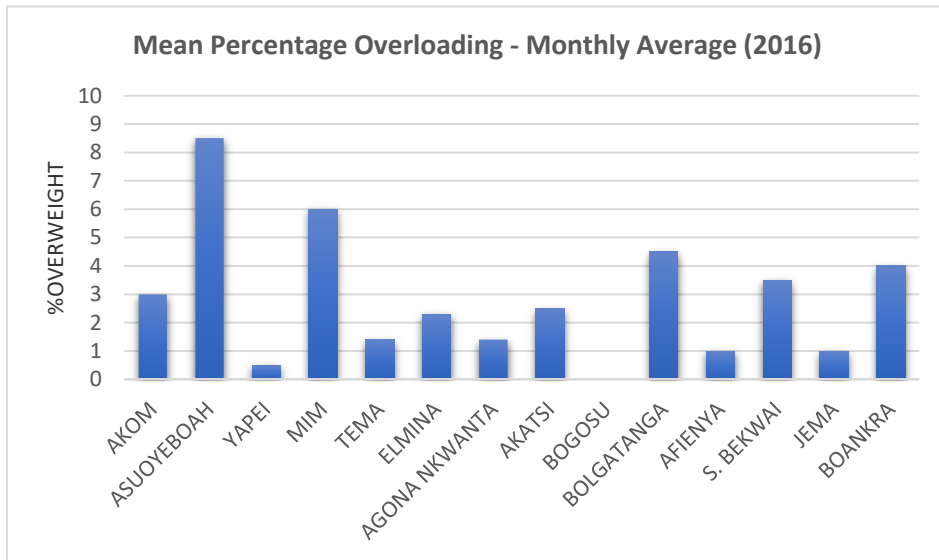
Source: GHA Plant & Equipment Division March 2016

Figure 4: Overloading Trend at Permanent Weighbridge Stations (PWS) – 1st Quarter, 2016



Source: GHA Plant & Equipment Division March 2016

Figure 5: Percentage of Overloading - Monthly Average (2016)



Source: GHA Plant & Equipment Division March 2016

CHAPTER FOUR

4.0 DEVELOPMENT DEPARTMENT

4.1 Bridges Division

4.1.1 On-Going Bridge Projects

- ❖ 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. Progress is 80%.
 - Lot 2.** Construction of Steel Bridge over River Kudage on the Sombisi – Tantali Road-35m Span. The overall percentage of work done on this lot is about 76%.
 - Lot 3.** Construction of Steel Bridge over River Gongonwu on the Tantali –Tuvuu Road-35m Span. The overall percentage of work done on this lot is 99%. Substantial completion was conducted in March 2014. Project is in Defects Liability Period
 - Lot 4.** Construction of Steel Bridge over River Gongonwu on the Tuvuu- Yikpabongo Road- 70m. The initial location of the bridge was inaccurate. Construction of the bridge has been relocated to Nalerigu in the Northern Region. The Contractor is yet to take Possession of Site.
 - Lot 5.** Construction of Steel Bridge over River Kulpawn on the Luari-Jadima Road-140m.The overall percentage of work done on this lot is **24%**. Works have stalled due to delay in payment of certificates.
- ❖ Construction of Toll plaza, office block at Akim Sekyere on the Anyinam-Nkawkaw Road. Progress is 97%. Substantial Taking over Inspection was undertaken on 29th December, 2015. Project is in Defects Liability Period.
- ❖ Construction of Toll Plaza at Badukrom on the Cape Coast – Takoradi Road. Progress is 12%. The Contract has been terminated.
- ❖ **Rehabilitation of Adomi Bridge.**
Possession of site for the commencement of works at site was given to the Contractor on 10th March, 2014. Progress is 98%. Substantial Taking over Inspection was undertaken on 7th December, 2015. Project is in Defects Liability Period
- ❖ Construction of six bridges in Northern Ghana funded by Danida. M/S Grontmij A/S in association with M/S HAG Consult. Tender documents have been completed and have

been submitted to GHA for review and comments. Approval for the loan is being sought from the Ministry of Finance.

- ❖ Construction of bridge over the Volta River at Volivo and Dufor adidome. Detailed engineering studies and detailed structural design of the bridge have been completed by Japanese International Cooperation (JICA). The detailed design is being reviewed by GHA.
- ❖ Construction of ramps to existing 6 no. Foot bridges on the George Bush Motorway – (N1). Drawings for the ramps to the 6 No. Foot bridges have been completed. Contractor has set up his camp at Abelenkpe. Works have stalled due to lack of funds.
- ❖ Construction of 4 Foot bridges on the Tetteh Quarshie – Madina road. Design of the footbridges has been completed. Drawing for the footbridges is 100% complete. Works have stalled due to lack of funds.
- ❖ Construction of two (2) underpasses on the George Bush Motorway – (N1). Review of design drawings is completed. Comments from the review of the drawing have been submitted to Contractors. Review of Bill of Quantities submitted by the Contractor has been completed.
- ❖ Construction of 6 No. Foot bridges on the Madina – Pantang road. Construction is currently on-going at the site. Works on the footbridges have stalled.
- ❖ Construction of bridge over River Pra at Twifo-Praso. Procurement of Contractor has been completed. Request for commencement certificate has been submitted to the Ministry of Finance.
- ❖ Construction of bridge over the White Volta at Mishuo. Procurement of Contractor has been completed. Request for commencement certificate has been submitted to the Ministry of Finance.
- ❖ Rehabilitation of the Dunkwa Bridge. Preparation of Tender document has been completed. Approval has been granted by the Ministry of Roads and Highways to advertise the works. Advertisement of the works has been undertaken. Tender
- ❖ Rehabilitation of the Nasia Bridge on the Tamale – Bolgatanga road. Preparation of Tender document has been completed Approval has been granted by the Ministry of Roads and Highways to advertise the works. Advertisement of the works has been undertaken.
- ❖ Rehabilitation of the Pwalugu Bridge on the Tamale – Bolgatanga road. Preparation of Tender document has been completed. Approval has been granted by the Ministry of Roads and Highways to advertise the works. Advertisement of the works has been undertaken.
- ❖ Reconstruction of the Iture Bridge over the Sweet River on the Cape Coast – Takoradi road. Inspection report has been submitted to the Ministry of Roads and Highways. BMU

has completed the repair works on the bridge. Messrs Sonitra has submitted a Technical and a financial proposal. Evaluation of the Technical and Financial proposal is ongoing

- ❖ Rehabilitation of the Ankobra Bridge and the Lower Volta Bridge Replacement of Expansion joints). Inspection of the bridges has been undertaken. Request for approval to sole source Aquatec Marine International for the under water investigation of the bridge foundations has been submitted to the Public Procurement Authority.
- ❖ Construction of bridge over River Becheliu and River Navaribie on the Navrongo – Chuchuliga – Tumu Road. Design drawings have been completed and submitted to Quantities Division for preparation bill of quantities.
- ❖ Replacement of existing bridge over River Luwhe. Contractor has submitted design drawing to GHA for review. Comments from the review of the design drawing have been sent to the Contractor.
- ❖ Rehabilitation of the Lower Volta Bridge (Replacement of Expansion joints). Approval has been granted by the Public Procurement Authority to sole source Messrs Mageba for the replacement of the expansion joint. Quotation was received from Messrs Mageba in US dollar but has been asked to resubmit quotation in Ghana cedis.

3.3.4.1: Bridge Maintenance Units Activities

- ❖ Repair of Yensiso Bridge. Progress is 60%
- ❖ Repair of concrete bridge over the Korle Lagoon. Progress 85%
- ❖ Erection of Bailey bridge over River Mogla at Nakpali. Progress is 40%. Works have stalled due to high water level.
- ❖ Repair of Steel Truss Bridge over River Brim at Akim Oda. Progress is 52%

3.3.4.2: Bridge Management & Maintenance System (BMMS)

Selection of Consultants to submit Technical and Financial proposals was undertaken within the quarter. Opening of Technical proposals was undertaken on 30th September, 2015. Evaluation of Technical was completed within the quarter under review. Evaluation of Financial proposals has been completed.

4.2 Contracts Division

Budget for the year

The approved programme for the year covers the construction of 194.9Km of trunk roads at an estimated cost of Forty Six million and Sixty-Eight Thousand Six Hundred and Sixty-One Ghana Cedis (GH¢46,068,661.82). The table below shows the achievements in various activities under the development projects.

Table 21: Annual Program & Achievements in Various Contracts Activities¹

ANNUAL REPORT								
ACTIVITY	ANNUAL PROGRAMME		APPROVED PROGRAMME		PHYSICAL ACHIEVEMENTS			%ACHIEVED
	KM	GHC'Millions	KM	GHC'Millions	KM	US \$	GHC'Millions	
CONSTRUCTION/ RECONSTRUCTION	255.29	515.95	97.50	130.85	3.14	2.49	17.09	3.22
REHABILITATION	67.13	195.04	77.20	153.77	14.42	5.97	0.00	18.67
DUALIZATION	10.92	143.64	20.20	57.96	0.06	0.00	0.04	0.28
BRIDGES		23.60	0.00	8.30	0	0	-1.56	
TOTAL	333.34	878.23	194.90	350.88	17.62	8.46	15.57	22.17
Construction/Reconstruction also includes Upgrading								

Source: GHA Contracts Divisions March 2016

Construction of Ho - Fume Road (km 0-7) and (km 28.7-40.1) Substantial Taking over Inspection was held on 17th March, 2016. The project is being by GOG funded.






¹ The Annual program in terms of kilometres for the year 2016 is the same as 2015 because no new Development Projects were awarded but the approved budget is where there is a change.

On-Going Projects

The status of ongoing development projects are shown in Appendix B. The Government of Ghana is supported in financing some of these projects by development partners such as BADEA, IDA, AfDB, KfW, EU, SAUDI Fund and ECOWAS Fund





4.3 Materials Division

The Materials Division of Ghana Highway Authority 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 trained newly recruited engineers, students on industrial attachment and National Service Personnel.

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.
-  Equipment Calibration.
-  Concrete Mix designs

The pavement section conducted the following activities;

- Performed deflection tests on the following roads:
 -  Fufulso – Sawla Road
 -  Ayanfuri – Asawinso Road
 -  Anwiankwanta – Assin Praso Road
 -  Agona Junction – Elubo Road
 -  Apedwa – Bunsu Road
 -  Ofankor – Nsawam Road
 -  Other works are the Structural Integrity Assessment on the West Hills Mall Interchange.

Two experts from Dynatest, UK are getting ready to come and undertake an overall assessment, replacement of worn out parts and calibration of the Falling Weight Deflectometer (FWD) Equipment

The foundation section reviewed of progress reports from the following road projects

- ✚ Geotechnical investigations for an existing bridge at Okwenya on Somanya-Akuse Road.
- ✚ Geotechnical Investigation for a proposed bridge site on the Adansi - Asokwa Road Project
- ✚

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 Eastern Corridor Road (Asikuma Junction – Hohoe – Jasikan Road) and core density tests on some portions of Urban Roads in Accra, Tema, Takoradi and Ho Town Roads

The table below shows the details of various test that were carried out during the quarter

Table 22: Materials Test Results**TREND OF INTERNALLY GENERATED FUND - 1st QUARTER, 2016**

SOURCE	MONTH			No. OF TESTS	AMOUNT IN Gh. CEDIS			TOTAL IN Gh CEDIS
	JANUARY	FEBRUARY	MARCH		JANUARY	FEBRUARY	MARCH	
Concrete test	229	127	384	740	6,871.00	3,810.00	11,510.00	22,191.00
Shmidt Hammer	-	-	-	0	-	-	-	-
Pavement Investigations	0	0	0	0	-	6,200.00	18,000.00	24,200.00
Aggregate tests	6	11	0	17	145.00	3,444.00	-	3,589.00
Bitumen Tests	13	12	17	42	7,430.00	3,580.00	6,435.00	17,445.00
Soils tests	13	5	6	24	10,335.00	8,495.00	8,040.00	26,870.00
Equipment Calibration					4,800.00	2,400.00	-	7,200.00
Foundations & Geotechnical Inv.	0	2	0	2	-	35,360.00	-	35,360.00
GRAND TOTAL	261	157	406.6667	825	29,581.00	63,289.00	43,985.00	136,855.00

Source: GHA Materials Divisions March 2016

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. The Division 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, the Division provides the main link between the Authority and Development Partners for the efficient coordination of road projects and related facilities.

The Planning Division in pursuance of the foregoing operates through following sections

- ✚ Strategic Planning, Monitoring and Evaluation(PME)
- ✚ Development Project Planning(DPP)
- ✚ Public Private Partnership(PPP)

4.4.1 Projects Objectives

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). This result in reduced road user cost for both passengers and freight.

These objectives are achieved through (i) Procurement of Consultants for specific engineering tasks and (ii) Co-ordination of activities with Development Partners. The major procurement activities undertaken included preparation of Terms of Reference, Request for Proposals, Evaluation of Proposals and preparation of Consultancy Contract Agreements.

Statuses of on-going Consultancy on on-going projects are as shown in Table 23 below

Table 23: Status of On-going Consultancy Services

Item	Contract Description	Contract/ Supplier/ Consultant	Contract Dollar Amount	Date Signed Mn/dd/yr	Contractual Start Date Mm/dd/yr	Contractual Completion Date Mm/dd/yr	Remarks
PROJECTS ON TSP							
1	Construction Supervision of Rehabilitation of Ayanfuri-Asawinso Road (Lots 1)	SAI Consulting Engineering Pvt.	20,694,135.81	1/10/2013	15/02/12	1/4/2015	Progress of works as at January 2016. Lot1 86.81% achieved as against 100%.The project is facing compensation problem.this is preventing the contractor from gaining full access to the site.
2	Construction Supervision of Rehabilitation of Ayanfuri-Asawinso Road (Lots 2)	SAI Consulting Engineering Pvt.	\$8.44 and GHS 29.325	1/11/2013	15/02/13	1/5/2015	Progress of works as at January 2016. Lot2 84.46% achieved as against 100%.The project is facing compensation problem.this is preventing the contractor from gaining full access to the site.
PROJECTS ON ALITFF							
3	Consultancy Services for the Supervision of Rehabilitation of Agona Junction-Elubo road. Lot1	K2 and Associate.Inc.	\$22168060.23 & \$15.215	15/08/2012	24/08/2012	08/01/2015*	The project is progressing .the contractor is scheduled to complete works by the end of April 2016
4	Consultancy Services for the Supervision of Rehabilitation of Agona Junction-Elubo road.lot2	K2 and Associate.Inc.	\$20.38 & GHS 29.925	15/08/2013		6/10/2015	Laying of wearing course in progress
5	Consultancy Services for the Supervision of Rehabilitation of Agona Junction-Elubo road.lot3	K2 and Associate.Inc.	\$22.09 & GHS15.869	15/08/2014		6/11/2015	Laying of wearing course in progress
6	Construction of Anyaado Rest Stop	Bans Consult	323,809.25	15/03/13			The project is ongoing. As at the end of February the contractor has finished with earthworks and foundation.
PROJECTS ON AIDB							
7	Lot 1: Asutuare Junction –Asikuma Junction and Asutuare-Aveyime Junction Road	MCV Inc.,USA	USD 546,174		8/9/2014		The Consultant is working towards the acquisition of Right Of Way.
8	Fufulso–Sawla Road Project (Technical Assistant to Project Co-ordination Unit)	ICB					The Consultant has since been assisting the GHA Project Co-ordination Unit to manage all the AIDB funded road projects
9	Fufulso–Sawla Road Project (Project Impact Monitoring and Evaluation)	ICB					The consultant has submitted their draft mid report to GHA.
10	Economic Feasibility and Detailed Engineering Design For The Reconstruction of Busunu-Daboya Road (53.5km)	Comtran/ Daovtech Design Group	USD 597,050	3/9/2014			GHA has sent the reviewed comments and waiting for the consultants final report.
PROJECTS ON DANIDA							
11	Consultancy Services for Detailed Design of Takoradi-Agona Junction Road	Danida			28/11/12		GHA has reviewed the final detailed design report from Ablin Consult.Construction has not began because Danida has terminated the contract.
12	Rehabilitation of Benchema-Adwufia Road						ORIO is yet to respond to the request for "No Objection".
13	Consultancy Services for Design Development, Detailed Design, Tender Document Preparation, Tendering Assistance and Construction Supervision of New Bridges in Northern Ghana.	GHA	4,774,000.00				GHA has reviewed the draft final detailed design report from the consultant.
EUROPEAN UNION PROJECT							
14	Tarkwa-Bogoso- Ayanfuri	Grontmijj/Carl Bro	#####	27/01/11	24/06/11	23/06/14	The progress of works as at Febuary 2016 was 91.3% against 100%.

BRAZILLIAN FUNDED PROJECT							
15	Lot 5: Oti Damango-Bimbilla-Yendi Road	MRH (PMU)	113.492		3/2/2014		Consultancy services is ongoing.As at the end of February 2016 the physical progress is 50.9% against 63.7%.Contractor is facing cash flow problems .
16	Lot 6: Yendi-Sakrogu-Nakpanduri Road	MRH (PMU)			3/3/2014		
PUBLIC PRIVATE PARTNERSHIP							
17	Accra -Tema Motorway Expansion	Messrs Roughton International					The Consultant for the Transaction Advisory services is still preparing for singnature at MRH.
18	Accra -Kumasi Dualisation Project	Messrs PWC					Review of Consultant's full feasibility report by the PDT has been forwarded to MRH
19	Accra-Takoradi Motorway	Rebel Group					The Expression Of Interest has been launched and 37 firms shown their interst. There was an advertisement for the procurement in the news paper on 17 February 2015 which had a closing date for submission of EOI on 15 March 2016. Evaluation of EOI in progress.
20	Missions from Development Partners World Bank Missions						There was one mission from TSIP within the first quarter. The date for the mission was 27-29 January 2016. The aim of the mission was a preparatory meeting for Tamale Yendi-Zabzugu Tatale road.
PROJECT ON JICA							
21	Construction of a New Bridge Across the Volta River on the Eastern Corridor Project	Central Consultant Inc. & Oriental Consultants Global Co. Ltd.		8/9/2014			The study team is yet to submit final Draft report on the assignment.
22	Rehabilitation of National Trunk Road No.8(Phase 11)	JICA					JICA has noted the comments and is yet to submit the final report.
23	Project For The Improvement of the Tema Motorway Roundabout	CTI Engineering International Co. Ltd					On 21 and 22 October 2015 the team presented their interim report to MRH and GHA where the Compact Diamond Interchange was adopted.The team together with GHA undertook a key stakeholders consultative forum on the environmental and social study on 11th December 2015.The purpose was to inform the key stakeholders about the project and solicited their views.
PLANING DIVISION							
24	Traffic Analysis	GHA Planning Division					The Division embarked on a 24 hours,13hours count as part of the national traffic survey. This was done on selected roads in the Ashanti and Volta Regions from 5-12 April 2016.

Source: GHA Planning Division March 2016

4.5 Quantity Surveying Division

Interim Payment Certificates

A total of 152 certificates were vetted and passed at the close of the first quarter of the year 2016.

The breakdown is as follows:

- ✚ 27 Development Projects
- ✚ 125 Maintenance Projects

The table below gives details of certificates that were vetted and corrected.

Table 24: Certificates Vetted & Corrected

IPC	Project	Submitted Amount GH¢	Corrected Amount GH¢
1	Rehabilitation of Afienya – Dawuena Road	7,285,844.68	7,276,960.80
3	Partial Reconstruction of Suhum – Akese Road	2,221,102.60	1,631,316.61
1	Construction of Speed Calming device on Kumasi – Sunyani Road	225,259.85	216,057.46
1	Upgrading of Aburi – Nsawam and Aburi town Roads	5,745,120.84	5,715,624.73
17	Rehabilitation of Agona junction - Elubo Road Lot 3	1,994,561.77 US\$1,438,403.16	1,835,368.34 US\$1,431,683.16
1	Construction of U-drain on Adenta – Dodowa Road	47,920.00	45,129.55
1	Pothole patching on Sefwi-Wiawso – Benehema Juaboso Road	146,369.69	118,065.60
2	Upgrading of Effiduase Senchi – Juansa Road	676,603.13	559,060.63
9A	Upgrading of Walewale – Gambaga Road	150,200.11	116,814.85
2	Upgrading of Dormaa Ahenkro Nkrankwanta Road	1,855,895.94	1,843,646.13
3B	Resealing of Wa – Nadoli – Lawra Road	31,673.43	0.00
8	Construction of Oil and Gas enclave	1,212,539.96	1,215,705.00
2	Upgrading of Jema – Nkoranza Road	2,893,218.23	2,799,141.73
18	Construction of Wa - Han Road (30km)	981,980.63	961,797.33
	TOTAL	GH¢25,468,290.86 US\$1,438,403.16	GH¢24,334,688.76 US\$1,431,683.16
	Savings		GH¢1,133,602.10 US\$6,720.00

Source: GHA Quantity Surveying Division March 2016

4.6 Road Safety & Environment Division

4.6.1 The Division has responsibility for the following areas

- ✚ Road Safety Audit;
- ✚ Road Furniture and Remedial works unit.
- ✚ Research, Monitoring and Evaluation unit.
- ✚ Environmental Management Unit.

4.6.1.1 Road Safety Audit (RSA)

Road Safety Audit (stage 4) on Odumasi-Krobo - Oterkpolu road has been completed.

4.6.1.2 Research, Monitoring & Evaluation Unit

- ✚ Retroreflectivity test on various road signs samples submitted to Head office. (Nsawam, Motorway, Eastern corridor roads (LOT 5&6))
- ✚ Inspection of Traffic management plan IR6 level crossing at Ayanfuri.
- ✚ Review of drawing on road line markings and signs for Eastern corridor roads (lot 5&6)

4.6.1.3 Road Safety & Remedial Work Unit

- ✚ Provision and installation of road signs on Accra-Tema Motorway, and Nsawam bypass is completed by SKILL LINK LTD.
- ✚ Rehabilitation of streetlight on Tetteh Quarshie-Mallam road is ongoing.
- ✚ Road line marking on Tetteh Quarshie –Mallam road.
- ✚ Inventory for the provision of street light on nine (9) roads in five regions of the country namely; Northern, Ashanti, Western, Eastern, Central and Greater Accra region.
- ✚ Inventory for road line marking of Nsawam by pass- Suhum road.
- ✚ Assessment of lighting scheme performance at Adomi Bridge.
- ✚ Provision and installation of retro reflective studs on Offinso-Techman road by Jaberico limited is completed.
- ✚ Inventory for provision and installation of studs on Buipe -Tamale Highway is completed.
- ✚ Provision and installation of road signs on Offinso-Techman highway is completed.
- ✚ Inventory for the provision of road line marking on Accra-Tema motorway is completed.

- ✚ Route and Risk Assessment for the transportation of grinding media from Tema to New Abirim.
- ✚ 1 Pilot of pedestrian crossing, Road studs and line marking at a test section at Oyarifa.

4.6.1.4 Environmental Management Unit

The Unit continued to review, revise and update environmental and social impact assessment reports for road projects submitted by Consultants. In addition to the above, officers of the unit undertakes supervision and monitoring of Environmental and Social Management Plans (ESMP) on ongoing development and maintenance projects through site visits and project meetings.

Air pollution, noise pollution and reinstatement of borrowed pits continue to be a challenge. The unit visited the cocoa roads in the Western and Volta regions as part of it's monitoring on Environmental and Social Mitigation Measures.

HIV/AIDS

The Unit monitored the activities supervised the HIV education organised by the contractor on the Navrango-Tumu road project in the Upper West region.

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 Right Of Way Clarification

Eight (8) Right-of-way clarifications were carried out for developers along the following roads:

- Accra – Cape Coast Road (N1)
- Accra – Kumasi (N6)

4.7.1.1 Production of Right-of-Way Drawings

In response to a request by the Lands Commission, to assist in the management of the Right – of – Way of trunk roads, Right – of – Way drawings were subsequently produced for the Accra – Aflao (N1), Accra – Cape Coast (N1), Accra – Aburi (N4), Accra – Kumasi (N6), and Awoshie – Pokuase.

4.7.2 In-House Survey and Design Works & Review

The following activities were carried out:-

- Topographic survey and Geometric design for the Expansion of three (3) bridges on the Accra – Tema Motorway

The following Design drawings were reviewed and comments were forwarded to the respective Regional Directors for redress:

- ✚ Construction of Bokitsi Pit Temporary Road Diversion on the IR6 (02) road; Ayanfuri – Bogoso road
- ✚ Reconstruction of Hohoe – Jasikan Road (Km 21+750 – Km 32+250)
- ✚ Partial Reconstruction of Amanful – Nyakrom – Nkum – Bremang – Asikuma (10 – 16 – 23.9km)
- ✚ Upgrading of Assin Nyankumasi – Senchem Road (10.0 – 25.0km)
- ✚ Denu – Keta Junction
- ✚ Hohoe – Jasikan
- ✚ Kwame Danso – Kwadwokrom (Km 20 - 60)

Site Inspection

- ✚ Relocation of Toll booths locations at Ayi Mensah, Moree, Boankra, Atimpoku Akraide.
- ✚ Refurbishment of Kasoa Toll booth along the Accra – Cape Coast Highway (N1)
- ✚ Field verification of the Right – of – Way drawings for the Accra – Aflao (N1), Accra – Cape Coast (N1), Accra – Aburi (N4), Accra – Kumasi (N6), and Awoshie – Pokuase.
- ✚ Reconstruction of Hohoe – Jasikan Road

CHAPTER FIVE

5.0 CONCLUSION

As reported in the last report, 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 2014 stood at 52% good, 34% fair and 14% 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 Ghana Highway Authority (GHA) should be strictly and assiduously harnessed. This is to ensure that the Authority gets adequate funding to meet expenses to reduce tension in the System.

The MOF directed that with effect from January 2014, all MDAs/MMDA should pay their own utility bills instead of forwarding them to Ministry of Finance for payment. In this view, Head Office of GHA alone will have to pay GH¢80,000 for Electricity and Telephone bills monthly. GHA has outstanding Electricity/Telephone bills and property rate of GH¢650,000 and GH¢130,000 respectively. We must therefore conserve energy so as to pay less bills.

5.1 The Way Forward

The Authority 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.

5.2 Constraints

Reduced Budget Allocation

It is important to note that GHA plays important role in the National Economy due to the nature of the service it provides. The approved budget for Goods and Services per month is GH¢24,809.75. This figure is not adequate to meet operational expenses of the Authority.

The total number of staff that exited in the year was 167 whilst recruitment was only 22. The percentage in reductions and additions of staff strength of the Authority for the year under review therefore stood at 8.76% exit and replacement was 1.43%. Should this trend continue without vigorous implementation of the GHA replacement plan, the staff will reduce so drastically that the Authority 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

Other major constraints facing the Authority are categorized below:

- ✚ Overage vehicles in all the Departments of the Authority
- ✚ Urgent needs of Materials Division for Laboratory Equipment to carry out test for the public to generate IGF and as well for their normal operations.
- ✚ Poor contractor capacity and performance.
- ✚ Delay in payment of compensation due to long valuation procedures and inadequate budgetary allocation.
- ✚ Inadequate release of funds for Recurrent, Investment and capital Investments.

Inadequate Staff

The technical staffing situation has become critical in some divisions and regional offices. Most of Divisions are under-staff in both technical and non-technical staff. Some of them are operating with only about 45% capacity of its technical human resources requirements and thus put immense pressure on existing staff thus affecting efficiency in most Divisions.

5.3 Recommendations

Hardware and Software Needs

There is an urgent need for the Authority to acquire state of the art software for most of the divisions to bring efficiency in work output.

Training of Staff

There is a need for periodic technical training of all categories of staff within the Authority through local/overseas short courses, workshops and further studies, to improve their skills to enhance their output and to discharge the various multifaceted tasks that must be addressed by the Authority.

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 Ghana Highway Authority requires support from our development partners and GOG to be able to implement planned and approved programs.