



REPUBLIC OF GHANA

DEPARTMENT OF FEEDER ROADS

OF THE

MINISTRY OF ROADS AND HIGHWAYS

ANNUAL REPORT

FOR 2015

JANUARY, 2016

DEPARTMENT OF FEEDER ROADS DFR REPORT

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Acronyms and Abbreviations

DFR	:	Department of Feeder Roads
DFID	:	Department for International Development
GOG	:	Government of Ghana
GIS	:	Geographical Information System
MRH	:	Ministry of Roads and Highways
DCRIP	:	District Capital Roads Improvement Project
GHA	:	Ghana Highway Authority
DUR	:	Department of Urban Roads
AFD	:	Agence Francais de Developement
SIDA	:	Swedish International Development Agency
TSPS	:	Transport Sector Programme Support
DANIDA	:	Danish International Development Agency
MOFA	:	Ministry of Food and Agriculture
KfW	:	Kreditanstalt für Wiederaufbau
AfDB	:	African Development Bank
EMQAP	:	Export Marketing and Quality Awareness Project
TSP	:	Transport Sector Programme
IFAD	:	International Federation for Agricultural Development
JICA	:	Japan International Cooperation Agency
MMDAs	:	Metropolitan, Municipal and District Assemblies
MDAs	:	Ministries, Departments and Agencies
MoF	:	Ministry of Finance
LSDGP	:	Local Service Delivery and Governance Programme
LBT	:	Labour Based Technology
DWD	:	District Works Department
RSDP	:	Road Sector Development Programme
VOC	:	Vehicle Operating Cost
KNUST	:	Kwame Nkrumah University of Science and Technology
KTC	:	Koforidua Training Centre
RAI	:	Rural Accessibility Index

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CHAPTER ONE: EXECUTIVE SUMMARY

1.0 Mission and Vision of DFR

1.0.1 Mission

To ensure the provision of safe, all weather accessible feeder roads at optimum cost, to facilitate the movement of people, goods and services and to promote socio-economic development, in particular agriculture.

1.0.2 Vision

To ensure that 80% of rural communities in Ghana can access a feeder road within 2km radius at optimum cost under a decentralized system by 2020.

1.1 Road Network and Condition

The total feeder road network as at December 2015 was 42,045.64km. The last comprehensive condition survey on the network was conducted in 2013. Base on sectional update over the period, the condition mix as at December 2015 is as follows: The condition mix of the feeder road network as at December, 2013 is as follows:

Good	30%
Fair	38%
Poor	32%

Details of the surface types are as follows:

Bituminous surface	:	1,928.0 km	(5%)
Gravel roads	:	27,231.0 km	(65%)
Earth roads	:	12,886.0 km	(30%)
TOTAL	:	42,045.0km	

The breakdown of the network is as follows:

Engineered network	:	25,931.0km	(62%)
Partially engineered network	:	6,206.0km	(15%)
<u>Un-engineered network</u>	:	<u>9,908.0km</u>	<u>(23%)</u>
		42,045.0km	

It is DFR's policy to always keep the engineered and partially engineered feeder roads in good or fair conditions.

DFR's engineered/partially engineered network now stands at 30,289km.

1.2 Historical Overview of Condition Mix

The Condition Mix of the feeder road network has changed from 30% good, 38% fair and 32% poor in December 2014 to 34% good, 34% fair and 32% poor at the close of December, 2015.

The historical overview of the condition mix is shown below:

	2007	2008	2009	2013	2014	2015
GOOD	35%	38%	39%	30%	30%	34%
FAIR	37%	32%	30%	38%	38%	34%
POOR	28%	30%	31%	32%	32%	32%

1.3 Targets and Achievements as at 31st December, 2015

Table 1.1 shows the planned, approved programmes and achievement as at 31st December, 2015 while Table 1.2 shows the financial programme and disbursement of DFR for both GoG and Donor projects as at 31st December.

Table 1.1: Physical Target and Achievements (January –December, 2015)

ANNUAL PHYSICAL ACHIEVEMENT FOR 2015			
ACTIVITIES	APPROVED ANNUAL PROGRAMME	ANNUAL PHYSICAL ACHIEVEMENT	
	Km/No.	Km/No.	%
Routine Maintenance			
Routine Maintenance	22,500	9,299.03	41%
Sub - Total			
Periodic Maintenance			
Spot Improvement	1,000	372.60	37%
Sub - Total			
Minor Improvement			
Upgrading of Gravel to Bituminous Surface (2 ND Bituminous Surface (Town Roads)	-	-	-
	50	14.16	28%
Upgrading of Gravel to Bituminous Surface	150	278.65	186%
Upgrading of Earth to Gravel Surface	150	175.86	117%
Sub-Total	350.0	468.67	134%
Bridge Programme			
Bridges	20	9	45%
Grand Total	23,850.0	10,140.30	43%

Table 1.2: Financial Programme and Disbursement (January - December, 2015)

ACTIVITY	BUDGET FOR 2015			EXPENDITURE FOR JAN. - DEC. 2015			REMARKS
	TOTAL (GOG)	TOTAL (DONOR)	TOTAL (DONOR & GOG)	TOTAL (GOG)	TOTAL (DONOR)	TOTAL (DONOR & GOG)	
	AMOUNT (GH¢m)	AMOUNT (GH¢m)	AMOUNT (GH¢m)	AMOUNT (GH¢m)	AMOUNT (GH¢m)	AMOUNT (GH¢m)	
ROUTINE MAINTENANCE	44.00	0.00	44.00	6.000	0	6.000	14%
PERIODIC MAINTENANCE							
Spot Improvement	14.45	2.89	17.339	4.046	0.946	4.992	29%
MINOR IMPROVEMENT							
2 nd Cycle Inst.	0.00	0.00	0.000	0.000	0.000	0.000	0%
Town Roads	3.61	14.01	17.614	1.895	9.662	11.557	66%
Surfacing	8.24	33.69	41.930	4.708	31.432	36.140	86%
Rehabilitation	18.86	11.55	30.405	3.194	5.035	8.229	27%
BRIDGES							
Bridges	10.34	0.00	10.337	8.748	0.000	8.748	85%
Consultancy services	1.29	1.65	2.942	0.100	0.2000	0.300	10%
Institutional supp & Training	2.60	0.10	2.700	1.653	0.200	1.853	69%
GRAND TOTAL	59.38	63.89	123.27	24.34	47.48	77.82	63%

Table 1.3: Department of Feeder Roads Programme and Achievement (January-December, 2015)

ACTIVITIES	APPROVED ANNUAL PROGRAMME			FINANCIAL EXPENDITURE		PHYSICAL ACHIEVEMENT		TOTAL EXPENDITURE
	Km/No.	GOG GH¢(M)	DONOR GH¢(M)	GOG GH¢(M)	DONOR GH¢(M)	Km/No.	%	AMOUNT GH¢(M)
Routine Maintenance	22,500.0	44.00	0.10	6.000	0.000	9,299.03	41	6.000
Periodic Maintenance								
Spot Improvement	1,000	14.45	2.89	17.339	0.946	372.60	37	18.285
Minor Improvement								
Second Cycle Institutions	0	0.00	0.00	0.000	0.000	0.00	0	0.000
Upgrading of Gravel to Bituminous Surface (Town Roads)	50	3.61	14.01	1.895	9.662	14.16	17	11.557
Upgrading of Gravel to Bituminous Surface	150	8.24	33.69	4.708	31.432	278.65	112	36.140
Upgrading of Earth to Gravel Surface	150	1.09	11.55	3.194	5.035	175.86	98	8.229
Bridge Programme								
Bridges	20	10.34	0.00	8.748	0.000	9.00	45	8.748
Consultancy services	0	1.29	1.65	0.100	0.200	0.00	0	0.300
Institutional supp & Training	0	2.60	0.10	1.653	0.200	0.00	0	1.853
Sub-Total	350.0	27.17	61.00	20.298	46.529	468.67	134	66.827
Grand Total	23,850.0	85.62	63.99	43.637	47.475	10,140.30	43	91.112

CHAPTER TWO: DEVELOPMENT PARTNERS ASSISTED PROGRAMME

2.1 District Capital and Major Town Roads Improvement Project (DCMTRIP)

2.1.1 Background and funding

The project was initiated to facelift rural district capitals. The benefits of the project include:-

- mitigating the negative health impacts on the communities resulting from dust
- preventing the defacing of public and private buildings resulting from dust
- savings from capital expenditure on repair, renovation or replacements of these buildings
- environmental enhancements through bitumen surfacing the roads in town and construction of concrete drains to prevent erosion.

The funding was provided by the Ghana Government from the Japanese Counter-Value Fund with an amount of GH¢ 14.5 million.

2.1.2 Coverage

Five (5) selected district capitals and five (5) major town roads (20.36km) in six (6) regions of Ghana have been earmarked for upgrading to bituminous surfacing under this programme.

2.1.3 Activity

The main activity under this programme is to upgrade the roads to bituminous surfacing.

2.1.4 Period

The project period was from 2014 to 2015.

2.1.5 Regional Distribution

The district capitals and major towns roads selected under the programme are as shown in Table 2.1:

Table 2.1: Selected District Capitals and Major Towns

SUMMARY OF DISTRICT CAPITALS & MAJOR TOWN ROADS IMPROVEMENT PROJECT			
NO.	PROJECT NAME	LENGTH (KM)	REGION
1	BITUMINOUS SURFACING OF AFLAO TOWN ROADS (2.10 KM)	2.10	VOLTA
2	BITUMINOUS SURFACING OF AKIM TAFO TOWN ROADS (1.97KM)	1.97	EASTERN
3	BITUMINOUS SURFACING OF SOMANYA TOWN ROADS (3.31KM)	3.31	EASTERN
4	BITUMINOUS SURFACING OF FOMENA – OLD AYAASE FEEDER ROAD PH.1 (1.80KM)	1.80	ASHANTI
5	BITUMINOUS SURFACING OF NYAKROM TOWN ROADS (3.10KM)	3.10	CENTRAL
6	BITUMINOUS SURFACING OF MAFI KUMASI TOWN ROADS (1.70KM)	1.70	VOLTA
7	BITUMINOUS SURFACING OF GWOLLU TOWN ROADS (2.30KM)	2.30	UPPER WEST
8	BITUMINOUS SURFACING OF AGOTIME KPETOE TOWN ROADS (1.35KM)	1.38	VOLTA
9	BITUMINOUS SURFACING OF MOREE TOWN ROADS (1.20KM)	1.20	CENTRAL
10	BITUMINOUS SURFACING OF BOLE TOWN ROADS (1.20KM)	1.50	NORTHERN
	TOTAL	20.36	

Table 2.2: Summary of Contract Details and Progress as at December, 2015

DISTRICT CAPITAL AND MAJOR TOWN ROADS IMPROVEMENT PROJECT (DCMRIP)												
PROGRESS REPORT- SEPTEMBER 2015												
Region	District	Lot No	Road name	Length (km)	Name of Contractor	Commence ment Date	Completion Date	Contract Sum (GH¢)	Payment to Date	Planned/ Scheduled progress	Actual Progr ess	REMARKS
VOLTA	Ketu South	1	BITUMINOUS SURFACING OF AFLAO TOWN ROADS (2.10 KM)	1.8	M/s Acu-Men Const. Ltd.	4/9/2014	4/7/2015	1,184,711.30	865,971.58	100.0	87.0	Behind schedule
EASTERN	East Akim	2	BITUMINOUS SURFACING OF AKIM TAFO TOWN ROADS (1.97KM)	1.975	M/s Jilcon Limited	7/28/2014	5/28/2015	1,926,993.24	1,851,953.59		100.0	Completed
EASTERN	Yilo Krobo	3	BITUMINOUS SURFACING OF SOMANYA TOWN ROADS (3.31KM)	3.28	M/s First Sky Ltd.	4/8/2014	4/6/2015	3,211,961.94	3,211,961.94		100.0	Completed
ASHANTI	Adansi North	4	BITUMINOUS SURFACING OF FOMENA – OLD AYAASE FEEDER ROAD PH.1 (1.80KM)	1.8	M/s Knatto Complex Ltd.	8/22/2014	6/22/2015	658,065.36	650,383.91		100.0	Completed
CENTRAL	Agona East	5	BITUMINOUS SURFACING OF NYAKROM TOWN ROADS (3.10KM)	2.1	M/s Memphis Metropolitan Ltd.	7/21/2014	4-06-15	1,270,980.51	1,456,417.96		100.0	Completed

Table 2.2 DEPARTMENT OF FEEDER ROADS

DISTRICT CAPITAL AND MAJOR TOWN ROADS IMPROVEMENT PROJECT (DCMRIP)

PROGRESS REPORT- DECEMBER 2015

Region	District	Lot No	Road name	Length (km)	Name of Contractor	Commencement Date	Completion Date	Contract Sum (GH¢)	Payment to Date	Planned/ Scheduled progress	Actual Progress	REMARKS
VOLTA	Central Tongu	6	BITUMINOUS SURFACING OF MAFI KUMASI TOWN ROADS (1.70KM)	1.7	M/s Reggio Comp. Ltd.	24/09/2014	24/07/2015	1,188,147.26	1,167,310.05		100.0	Completed
UPPER WEST	Sissala West	7	BITUMINOUS SURFACING OF GWOLLU TOWN ROADS (2.30KM)	2.6	M/s Myturn Ltd.	22/08/2014	22/06/2015	935,833.22	935,833.22	0.0	100.0	Completed
VOLTA	Agotime Ziope	8	BITUMINOUS SURFACING OF AGOTIME KPETOE TOWN ROADS (1.35KM)	1.35	M/s Otuboa Ltd.	19/09/2014	19/07/2015	1,409,879.92	1,502,189.44		100.0	Completed
CENTRAL	Abura/Asebu/Kwamankes	9	BITUMINOUS SURFACING OF MOREE TOWN ROADS (1.20KM)	1.2	M/s Nataco Const & Beach Co. Ltd.	3-08-14	3-06-15	1,004,384.67	1,037,954.83		100.0	Completed
NORTHERN	Bole	10	BITUMINOUS SURFACING OF BOLE TOWN ROADS (1.20KM)	1.2	M/s Karins Gh. Ltd.	11-12-13	12-12-14	1,215,871.30	721,503.30	100.0	75.0	Behind schedule
			TOTAL	19.01				14,006,828.72	13,401,479.82			

2.1.6 Status

Eight (8) out of the ten (10) contracts are 100% complete. Details are shown in Tables 2.2 for all the regions. The overall expenditure is GH¢13,401,479.82 and the average physical progress of the project is 96.2%.

2.2 Transport Sector Programme (TSP)

2.2.1 Introduction

One of the Objectives of Ghana Government for Transport as highlighted in the National Transport Policy is to create a sustainable, accessible, affordable, reliable effective and efficient transport system that meets user needs. Government's policy objective is therefore to strengthen the provision of infrastructure services and improve the business environments to sustain broad-based growth.

It is in the light of this objective that the Government of Ghana (GOG) and the International Development Association (IDA) of the World Bank have prepared the Transport Sector Project to help (a) increase Ghana's competitiveness in foreign trade by reducing internal transport costs and promoting linkages in domestic markets which are crucial factors for rapid and sustained growth; (b) improve governance through clarifying roles and responsibilities in transport sector and encouraging wider and more meaningful participation of stakeholders in the decision making process; and (c) support the decentralized planning, management, finance and regulation of transport infrastructure and services.

The project is being implemented by the Ministry of Roads and Highways (MRH), which has the overall responsibility for its coordination and management.

The Implementing Agencies (IAs) for the project are: Ministry of Roads and Highways (MRH), Ghana Highway Authority (GHA), Department of Feeder Roads (DFR), Department of Urban Roads (DUR) and Ministry of Transport (MOT), Ghana Airports Company Limited (GACL), Ghana Civil Aviation Authority (GCAA), and Ghana Ports and Harbors Authority (GHPA). The Beneficiary Agencies (BAs) for the project are: Driver and Vehicle Licensing Authority (DVLA), Kwame Nkrumah University of Science and Technology (KNUST), Government Technical Training Center (GTTC), National Road Safety Commission (NRSC), Regional Maritime University (RMU), Ghana Maritime Authority (GMA) and Volta Lake Transport Company (VLTC).

2.2.2 Project objectives

The Development Objective for the Transport Sector Project is to improve mobility of goods and passengers through reduction in travel time and vehicle operating cost, and improvement in road safety standards. This objective will be achieved through strengthening the capacity of transport institutions in planning, regulation, operations and maintenance, and through infrastructure investments.

The achievement of the Project Development Objective will be monitored using the following performance indicators to be achieved by the end of the project (EOP):

- (a) Average travel time reduced by at least 20 percent on project-financed roads;
- (b) Average vehicle operating cost (in real terms) reduced by at least 10% percent on project-financed roads;
- (c) Fatality rate reduced from 22 per 10,000 vehicles to 19 per 10,000 vehicles;
- (d) Rural Accessibility Index (RAI) increased from 53 percent to 57 percent; and
- (e) Condition of trunk road network in good and fair condition improved from 83 percent to 88 percent, for urban roads from 36 percent to 50 percent, and for feeder roads from 72 percent to 85 percent

Table 2.3: Key Performance Indicators

KEY PERFORMANCE INDICATORS	DFR ACTION PLAN
1. Average travel time reduced by at least 20% on project-financed roads	1. Regional managers have been tasked to come up with the average travel time of projects financed roads after the rains before actual construction works begin. The average travel time will be measured after the completion of the roads works to ascertain whether the 20% reduction has been achieved
2. Average vehicle operating cost (in real terms) reduced by at least 10% on project financed roads.	2. DFR will liaise with GHA for data to enable the initial VOC on the project financed roads to be determined before actual physical works commence. VOC will again be computed after completion of physical works on projects financed roads
3. Rural Accessibility Index (RAI) increased from 53% to 57%.	3. The achievement of this indicator will be monitored during the construction period and the target measured after the completion of the project financed roads.

4. Feeder roads network in good and fair condition improved from 72% to 85%	4. The condition of feeder roads network in good and fair condition will be computed after the completion of works on the project financed roads.
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2.2.3 Project component

The project consists of two components: The first year and the second year components. The first year components involve feeder roads rehabilitation and spot improvement and geared towards consolidating the achievement under the RSDP.

During the first year a total of 462km of spot improvement and 229.8km of minor rehabilitation will be carried out throughout the country at a cost of US\$20.0 million.

The second year component focused on the rehabilitation and bituminous surfacing of roads in selected focus areas to support commercial agriculture around growth poles in collaboration with the Ministry of Agriculture. A total of 12.8km spot improvement, 54.8km rehabilitation and 58.7km of bituminous surfacing of roads were undertaken. This was financed with an additional amount of US\$27.5 million.

A breakdown of total budget allocation for the TSP is as follows:

-Improvement and rehabilitation of feeder roads	
-First year	US\$20.00
-Second year	US\$27.50
-Consulting Service	US\$2.50
-Capacity Building	US\$0.50
-Vehicle & Office equipment	US\$0.70
-Operation	US\$0.50
TOTAL	<u>US\$51.70</u>

The Credit was approved by the Bank's Board on 30th June, 2009 and by the Parliament of Ghana on the 17th July, 2009.

The project effective date: 12th November, 2009.

End of project Implementation period: 31st December, 2014

Expected Credit closing date: 30th June, 2015

2.2.4 Status of Project Implementation and Procurement Management

2.2.4.1 Consultancy Services

WORKS SUPERVISION

FIRST YEAR PROJECT

No objection was given for fourteen (14) Lots out of the fifteen (15).

The fourteen contracts were awarded and signed with the supervision consultants. The supervision contracts are completed except for seven (7) addendums which were issued to seven (7) supervision consultants to supervise delayed civil works contracts. All the projects being supervised by the five (5) out of the seven (7) consultants have been completed. DFR has forwarded the Addendums to the bank to enable the consultants be paid accordingly.

Earlier on request by DFR to the Bank to grant an extension of time (EOT) to the supervision contracts were not approved by the Bank. The request was therefore sent to the Ministry of Roads and Highways and was captured in the 2015 budget.

Terms of Reference (TOR) for the procurement of a consultant to carry technical audit of the first year projects was sent to the PT for submission to the Bank for No Objection. The Bank informed

DFR that the Technical audit might not be necessary since the Bank has engaged a consultant for that exercise.

SECOND YEAR PROJECTS TRANCHE-1

The Bank gave No Objection for four (4) Supervision consultants to be engaged through sole sourcing.

Contract Agreements with the four (4) were signed on the 24th March, 2014. Supervision of works by the four (4) consultants is currently ongoing.

DFR has engaged the services of a Contract Management Specialist to administer/manage the projects under the TSP. The selection process was by Individual Consultant method. The Bank gave its No Objection for the signing of contract with the Contract management specialist in October 2013.

The Contract Agreement was signed with the Contract Management Specialist on the 24th March, 2014.

SECOND YEAR PROJECTS TRANCHE-2

Terms of Reference (TOR) and Request for Expression of Interest (EOI) for the procurement of Supervision Consultant for the supervision of civil works were sent to the PT for onward submission to the Bank for No Objection. No Objections have since been received. Request for Expression of Interest (REOI) first appeared in the Ghanaian Times of 31st December, 2014 inviting eligible consultants to express interest to undertake the supervision assignment.

Eighteen (18) firms submitted dossiers which were evaluated in accordance with the Banks Guideline for the Selection and Employment of Consultants issued in 2011. Six (6) shortlisted consultants were issued with Request For Proposals (RFP) documents on 16th March 2015 to enable them submit both Technical and Financial Proposals for the assignment.

Clarifications were sought by one firm and DFR responded accordingly. The responses were made available to all the shortlisted firms. The submission date was therefore extended from 17th April to 24th April, 2015.

2.2.4.2 Environmental and Social Management Plan (ESMP)

FIRST YEAR PROJECTS

No objection was received for the Final Environmental and Social Management Plan (ESMP) report from the World Bank. Public Disclosure was published between November and 30th December 2011.

No objection was also received for the Resettlement Action Plan (RAP). The RAP was prepared by environmental engineers from DFR. Public Disclosure was published in December 2012. Compensations were paid to all the one hundred and eighteen (118) Project Affected Persons (PAPs). Total amount paid was GH¢97, 382.38.

SECOND YEAR PROJECTS TRANCHE-1

No objection was received for the Resettlement Action Plan (RAP) and Public Disclosure was published in February, 2013. No objection was also received for the Final Environmental and Social Management Plan (ESMP) report from the World Bank. The ESMP and the RAP cover both the Tranche-1 and Tranche-2 projects.

Public Disclosure was published in the Ghanaian Times on the 29th November 2013. DFR is currently monitoring the implementation of the RAP and other safe guards. The safe guards contained in the ESMP are being implemented on all ongoing contracts.

As at now, compensations totaling GH¢35,454.00 have been paid to the fourteen (14) PAPs.

2.2.4.3 Works Contracts

FIRST YEAR PROJECT

Eighty one (81) out of 84 projects awarded have been completed. In all a total of approximately 680km of feeder roads were completed consisting of 230km of rehabilitation, 450km were spot improvement. Three (3) contracts have been terminated. The outstanding works on the terminated contracts have been awarded under routine maintenance to be funded under Road Fund.

Total cost of works amounts to **GH¢32,676,271.23** as against budget allocation of **US\$ 20.0 million**. All the works have been completed.

SECOND YEAR PROJECTS TRANCHE-1

Eighteen (18) Lots totaling 136km have been awarded. This consists of 13km of spot improvement, 65km of rehabilitation and 58km of bitumen surfacing. The project commenced in 2014 after the

supervision consultants were appointed. The total cost of the eighteen (18) contracts is **GH¢36,765,230.95**.

STATUS OF SECOND YEAR PROJECTS TRANCHE-1

There are ten (10) contracts in the Central Region and eight (8) contracts in the Volta Region which are on-going. Table 2.4 gives details of progress. Seventeen (17) contracts have been completed and the average physical progress is 99.2%. The total expenditure as at 31st December, 2015 was **GH¢46,398,871.03**.

Table 2.4: Summary of TSP Second Year Tranche 1 Contracts

TRANSPORT SECTOR PROJECT (TSP) SECOND YEAR PROJECTS, TRANCHE-1												
PROGRESS REPORT- DECEMBER 2015												
Region	District	Lot No	Road name	Length (km)	Name of contractor	Commencement Date	Completion date	Contract Sum (GH¢)	Payment to Date	Planned/ Scheduled progress	Actual Progress	Remarks
CR	Awutu Efutu Senya	1	Bituminous Surfacing of Sankor-Kweikrom-Ojobi-Akoti Feeder Road Phase 1 (0.0-5.0km)	5.0	M/s Soro Construction Ltd.	17/04/2014	4/14/15	2,147,734.22	3,115,824.16	100.0	100.0	Completed
		2	Rehabilitation of Bawjiase-Aponkye Akura Feeder Road	6.9	M/s Shamma Rohi Ltd	22/04/2014	21/12/2014	550,994.90	708,015.07	100.0	100.0	50% Retention money released.
		3	Rehabilitation of Bawjiase-Ayensuako Feeder Road	5.3	M/s Tiboura-Taa Enterprise Ltd	22/04/2014	13/01/2015	605,418.50	716,997.76	100.0	100.0	50% Retention money released. DLP expired in
		4	Rehabilitation of Bawjiase-Amontrom (Congo)-Tetteykura Feeder Road	3.25	M/s Skarom Engineering Ltd.	22/04/2014	21/11/2014	381,696.20	180,572.40	100.0	100.0	Completed
		5	Rehabilitation of Ahentia-Busumabra Jn-Kweikrom Feeder Road	6.0	M/s Abdul Rahma & Sons Ltd	17/04/2014	16/11/2014	515,720.00	728,278.51	100.0	100.0	50% Retention money released. DLP expired in
		6	Spot Improvement of Adawukwa-Ofadjator-Honi Feeder Road	3.45	M/s Paabadu Construction Ltd	22/04/2014	21/11/2014	456,254.91	588,760.83	100.0	100.0	50% Retention money released. DLP expired in
		7	Rehabilitation of Bewuanum-Adawukwa Feeder Road	10.0	M/s Minak Investment Ltd.	22/04/2014	21/12/2014	620,525.89	823,308.73	100.0	100.0	Completed and handed over. IPC
		8	Bituminous Surfacing of Bontrase-Desum Feeder Road	4.7	M/s Mem-phis Metro-politan Ltd	17/04/2014	16/04/2015	1,273,569.82	1,910,667.68	100.0	100.0	50% Retention money released. DLP expires in
		9	Spot Improvement of Papaase No. 1 Odotom Feeder Road	9.4	M/s Alt Construction Ltd.	17/04/2014	16/11/2014	477,155.50	608,771.57	100.0	100.0	50% Retention money released. DLP expires in
		10	Rehabilitation of Kwao Bondze-Larbie-Jei Krodua Feeder Road	3.55	M/s Lovemak Ventures Ltd.	17/04/2014	16/12/2014	562,912.67	632,040.06	100.0	100.0	Completed and handed over.
			SUB TOTAL	57.55				7,591,982.61	10,013,236.77			

Table 2.4

TRANSPORT SECTOR PROJECT (TSP) SECOND YEAR PROJECTS, TRANCHE-1**PROGRESS REPORT- DECEMBER 2015**

Region	District	Lot No	Road name	Length (km)	Name of contractor	Commencement Date	Completion date	Contract Sum (GH¢)	Payment to Date	Planned/Scheduled progress	Actual Progress	Remarks
VR	North Dayi	1	Rehabilitation of Kpando-Alavanyo Kpeme-Nkonya-Gbi Wegbe Feeder Road Phase 1 (0.0-8.0km)	8	M/s Joe Azar Ltd.	28/04/2014	27/07/2015	4,515,580.87	6,081,022.39	100.0	100.0	Completed
		2	Rehabilitation of Tai Atome-Vakpo Fuh-Tafi Abuipe Feeder Road	11.2	M/s C.N.F. Ltd.	28/04/2014	27/12/2014	658,184.36	860,976.64	100.0	100.0	Completed. 50% retention money
	Hohoe	3	Bituminous Surfacing of Aveti-Logba Alakpeti-Anfoega-Akukome-Aveti Feeder Road Phase 1 (0.0-6.0)	6.0	M/s Kamsad Ltd.	22/04/2014	21/10/2015	5,262,706.05	6,368,671.54	100.0	100.0	Completed
	South Tongu	4	Rehabilitation of Dabala Jn-Dorkpleame-Tordzinu & others Feeder Roads Phase 1 (0.0-7.0km)	7.0	M/s Saa & Sarad Ltd.	22/04/2014	21-04-15	1,290,794.70	1,326,568.39	100.0	100.0	Substantially completed.
		5	Bituminous Surfacing of Dalive-Agortage Feeder Road Phase 1 (0.0-6.0km)	6.0	M/s Jah Nicorf Ltd.	22/04/2014	21/10/2015	5,144,891.22	6,086,471.74	100.0	100.0	Completed
	North Tongu	6	Rehabilitation of Lawekope-Aveyime Jn Feeder Road	3.6	M/s Teriwhite	22/04/2014	21/12/2014	655,045.09	852,518.05	100.0	100.0	Completed. 50% retention money
		7	Bituminous Surfacing of Dove (Atitekpo Jn)-Mepe Feeder Road	7.0	M/s Kaddacon Ltd.	22/04/2014	21/10/2015	2,956,798.13	3,967,470.00	94.0	85.0	Behind Schedule.
		8	Bituminous Surfacing of Dove Jn-Dove-Aveyime Feeder Road	19.0	M/s First Sky Ltd.	22/04/2014	21/04/2016	8,689,247.70	10,841,935.51	62.0	100.0	Completed
			SUB TOTAL	67.8				29,173,248.12	36,385,634.26			
			GRAND TOTAL	125.35				36,765,230.73	46,398,871.03			

SECOND YEAR PROJECTS TRANCHE-2

The project consists of four (4) roads: one (1) in central region and three (3) in Volta Region totaling 39.3km. The proposed interventions to be carried out include bituminous surfacing (32km) and spot improvement works (7.3km). The status of procurement of works is as follows;

Specific procurement notice first appeared in the Ghanaian Times of 22nd January, 2015 for National Competitive Bidding (NCB). Pre-bid meetings were held at DFR regional offices in Cape Coast and Ho on 13th February, 2015 to give prospective bidders more details about the procurement processes and requirements for project.

The submission and opening date of 27th February, 2015 was extended to 13th March 2015 through an addendum issued on 12th February, 2015. This was done to incorporate comments raised by the Bank on the Bidding Documents.

The four (4) contracts have been awarded and the total **Contract Price is GH¢22,822,246.92**. The details have been shown in Table 2.5.

STATUS OF SECOND YEAR PROJECTS TRANCHE-2

There is (1) contract in the Central Region and three (3) contracts in the Volta Region which are on-going. Table 2.5 gives details of progress. The average physical progress as at 31st December, 2015 was 28.8% and the total expenditure was **GH¢3,332,664.30**.

Table 2.5: Summary of TSP Second Year Tranche 2 Contracts

TRANSPORT SECTOR PROJECT (TSP) SECOND YEAR PROJECTS, TRANCHE 2												
PROGRESS REPORT AS AT DECEMBER, 2015												
Region	District	Lot No	Road name	Length (km)	Name of contractor	Commence ment Date	Completion date	Contract Sum (GH¢)	Payment to Date	Planned/ Scheduled	Actual Progress	Remarks
CR	Effutu	1	Bituminous Surfacing of Sankor-Kweikrom-Ojobi-Akoti Feeder Road Phase II (Km 5.00-10.00)	13.3	M/s Memphis Metro. Ltd.	10/07/2015	10/06/2016	8,765,930.07	578,542.50	25.0	26.0	Ahead of Schedule
VR	South Tongu	2	Rehabilitation of Dabala Jn.-Dorplame-Todzinu (Km 7.00-14.300)	7.3	M/s Teriwhite Ltd	10/07/2015	10/06/2016	2,731,068.32	428,353.68	25.0	26.0	Ahead of Schedule
	Kpando	3	Bituminous Surfacing of Kpeme-Nkonya-Gbi Wegbe Feeder Road Phase II (Km 0.00-12.700)	12.7	M/s C.N.F Ltd	10/07/2015	10/06/2016	6,694,594.27	0.00	25.0	27.0	Ahead of Schedule
	South Tongu	4	Bituminous Surfacing of Dalive-Agortaga Feeder Road Phase II (Km 6.00-12.20km)	6.2	M/s Jah-Nicorf Ltd	10/07/2015	10/06/2016	4,630,654.26	2,325,768.12	25.0	36.0	Ahead of Schedule
		5	TOTAL	39.5				22,822,246.92	3,332,664.30			

➤ **GOODS UNDER YEAR 1**

DFR commenced with procurement process. The Specific Procurement Notice (SPN) was placed in the Ghanaian Times in April, 2014. All the goods have been supplied as at March, 2015.

➤ **VEHICLES UNDER YEAR 1**

5No. 4x4 double cabin Pick-Up vehicles, 2No Cross-Country vehicles and 4No. Saloon cars were procured by MRH on behalf of DFR.

All the vehicles have been delivered to DFR.

Details of the vehicles are as indicated in Table 2.6.

Table 2.6: IDA (TSP) VEHICLES

No.	Delivery Date	Type of Vehicle	Registration Number	Chassis Number	Engine No.	Allocation
1	6 th July 2012	Toyota Camry	GS 6214-12	6T1BF9FK6CX380817	E381766	Deputy Dir. Plng.
2	6 th July 2012	Toyota Camry	GS 6215-12	6T1BF9FK6CX380770	E381813	Deputy Dir. Mtce.
3	6 th July 2012	Toyota Camry	GS 6216-12	6T1BF9FK6CX381643	E383931	Deputy Dir. Dev.
4	6 th July 2012	Toyota Camry	GS 6217-12	6T1BF9FK6CX381625	E384431	Dir.(RISM) MRH
5	24 th Oct. 2012	Nissan Patrol	GN 4942-12	Y61Z0-580698	TD42-219266	Northern Region
6	24 th Oct. 2012	Nissan Patrol	GN 4950-12	Y61Z0-583167	TD42-221684	Upper East Region
7	24 th Oct. 2012	Nissan Pick-Up	GM 1310-12	D22Z0-020913	QD32-308978	Western Region
8	24 th Oct. 2012	Nissan Pick-Up	GM 1311-12	D22Z0-020918	QD32-309559	Brong Ahafo Region
9	24 th Oct. 2012	Nissan Pick-Up	GM 1312-12	D22Z0-020935	QD32-309172	Central Region
10	24 th Oct. 2012	Nissan Pick-Up	GM 1313-12	D22Z0-020924	QD32-307686	Eastern Region
11	24 th Oct. 2012	Nissan Pick-Up	GM 1324-12	D22Z0-020936	QD32-309367	Bridge Mtc. Eng.

GOODS UNDER YEAR 2

DFR has procured some office equipment as indicated below through NCB. The Specific Procurement Notice (SPN) was placed in the Ghanaian Times in January 2014. Evaluation report of bids received was forwarded to the PT for clearance. Concurrent approval was given by MRH Entity Tender Board on 30th April 2014. Contract for the supply of the goods was signed and all goods have been supplied. The total cost of the goods is **GH¢874,930.51 (US\$249,980.15)**. All the suppliers have asked for upward adjustment of the cost of the equipment due to the depreciation of the Ghana Cedi against the United States Dollar. Table 2.7 below provides details of the office equipment procured.

Table 2.7: Goods under Year 2

LOT No.	TYPE OF EQUIPMENT	QUANTITY (NO.)	COST (GH¢)	REMARKS
1	Desktop Computers Laptop computers Antivirus	40 15 40	221,017.50	SUPPLIED
2	Laser Printer (monochrome) Laser printer (color) Fax machine UPS	10 5 10 40	331,614.38	SUPPLIED
3	a) Photocopier (heavy duty) b) Photocopier (light duty)	4 4	221,278.63	SUPPLIED
4	ARC GIS Software GIS Plotter	1 1	101,020.00	SUPPLIED
			874,930.51 (US\$249,980.15)	

2.2.4.4 Training

2015 Programme

No training programme was undertaken during the period under review.

2.2.5 Financial management report

The source of funds for the Transport Sector Project (TSP) is from the International Development Association (IDA) of The World Bank. Statement of usage of funds by Project Activity for both First Year and Second Year as at 31st March, 2015 is as shown in Table 2.8:

Table 2.8: Breakdown of Budget

Breakdown of Budget Allocation		
Project Activity	Amount	
	USD	GHS
	Works	25,281,533.18
Goods	186,973.78	653,907.01
Consultancy	1,566,802.55	3,489,019.93
Training	297,881.02	524,690.91
Operation	409,970.59	859,402.42
Total Disbursement to Date	27,743,161.12	62,963,075.91

2.3 Bridge Development Programme

The Department of Feeder Roads under its Bridge Development Programme has identified 5,000 water crossing points that hamper the provision of basic access to rural communities. Out of this number 1,200 sites have been classified as critical for the effective functioning of the rural road network.

The Department with assistance of some development partners like Japan International Corporation Agency (JICA), Department for International Development (DFID) of United Kingdom, Agence Francais de Developement (AFD) (France), ACROW Corporation of United States of America (USA), Spanish Government and the Government of the Royal Netherlands have been able to construct about 170 bridges and major box culverts so far out of the 1,200 critical river crossing points.

It is worthy of mention that the Bridge Development Programme forms part of the Ministry's programme under the Ghana Poverty Reduction Strategy which aims at improving the socio-economic life of the rural dwellers.

The provision of the bridges has facilitated the safe and more economical movement of people, goods and services in the rural communities due to the elimination of long detours and making the network more coherent and interactive.

Table 2.9: SUMMARY OF STATE OF BRIDGE PROJECTS IN DFR AS AT DECEMBER 2015

	DUTCH BRIDGES	ACROW BRIDGES	SPANISH BRIDGES	BELGIUM BRIDGES	TOTAL
No. Awarded	94	44	21	0	159
No. Launched	85	31	14	0	130
No. Opened to Traffic	80	28	13	0	121
No. Up to Abutment level	4	4	5	0	13
No. Up to Filling	1	2	0	0	3
No. Awarded as Box Culverts	16	3	3	0	22
No. of Box Culverts completed and opened	16	2	3	0	21
Remarks	Nil	Tender on 30no. new Bridges in Phase 2 are being evaluated	DFR is awaiting to secure funds from the Ghana-Spain Debt for Development	DFR is seeking for funding to install 5no. long span Bridges	30 bridges advertised

2.3.1 Ghana/Dutch Bridges Project

2.3.1.1 Background

The Government of Ghana received a credit facility of Euro 16.5 million (with 65% credit and 35% grant) from the Netherlands Government for the supply of steel bridge components for the construction of ninety-four (94) bridges on selected feeder roads in Ghana under the “Ghana/Dutch Bridge Project”. GOG provided a counterpart fund for the provision of the following:

- i. Construction of reinforced concrete bridge substructure.
- ii. Clearance and transportation of steel bridge components from Tema Port to the bridge sites.
- iii. Assembling and launching of steel bridges.
- iv. Construction of both the approach and access roads to the bridges and
- v. Construction of sixteen (16) major box culverts in tandem with the bridge project.

The project, which is in three phases, is as detailed below:

Phase I – 31 bridges and 14 major box culverts

Phase II – 30 bridges and 1 major box culvert

Phase III – 33 bridges and 1 major box culvert

2.3.1.2 Status

As at 31st December, 2015, eighty-five (85) out of the 94 bridges have been launched. Of the 83 bridges that were launched, eighty (80) are opened to traffic with the remaining five (5) having their approach filling to deck level ongoing. Three (3) bridges out of the overall ninety-four (94) have either both abutments under construction or completed up to launching level and the approaches of some of them being filled before assembling and launching could commence. Two (2) of the remaining four (4) bridges which were terminated and re-awarded are among those completed and opened to traffic. Two (2) of the bridges have been re-packaged to be executed under other ongoing bridge projects. All the sixteen (16) major box culverts awarded, as part of the bridge programme, have been completed and opened to traffic.

The overall progress of work for Phase 1 is 98%, Phase 2 is 86% and that of Phase 3 is 95%.

Table 2.10 shows the regional distribution of the bridges and the number completed.

Table 2.10: Regional Distribution of Dutch Bridges and Number Launched/Completed

Region	BRIDGES		MAJOR BOX CULVERTS	
	No. Awarded	No. Launched/ Completed	No. Awarded	No. Completed
Greater Accra	4	4	2	2
Volta	9	9	0	0
Eastern	9	9	4	4
Central	10	9	1	1
Western	11	9	2	2
Ashanti	13	13	3	3
Brong Ahafo	13	12	1	1
Northern	11	8	0	0
Upper East	8	8	2	2
Upper West	6	4	1	1
TOTAL	94	85	16	16

2.3.2 Ghana-ACROW Bridges Project

2.3.2.1 Background

The ACROW-Ghana bridge project involves a total amount of US\$47.7 million. This consists of a loan amount of US\$37.7 million for the supply of bridge components for 100 bridges and a grant amount of US\$7.0 million as seed money for the cost of the civil works and the approach filling to be funded by GoG. Contract for the supply of the bridge components has been signed. The project is to be executed in three phases.

2.4.2.2 Status

A total of forty-seven (47) bridges have been awarded under Phase One of the project. Three (3) of the bridges awarded have been revised as major box culverts. Currently thirty-three (33) of the bridges have been launched out of which twenty-five (25) have been opened to traffic. Three (3) of the bridges were awarded as box culverts and two (2) of these have been completed. The overall progress of work is about 98%.

The bridge components have been stockpiled at DFR Stores in Koforidua.

The cost of the civil works for the phase 1 contracts is estimated at GH¢ 27,981,976.34.

Evaluation of tenders for thirty (30) no. bridges under Phase 2 is in progress.

Table 2.11 shows the regional distribution of the bridges (Phase I).

Table 2.11: Regional Distribution of ACROW Bridges and Number Launched/Completed

Region	BRIDGES		MAJOR BOX CULVERTS	
	No. Awarded	No. Launched/ Completed	No. Awarded	No. Completed
Greater Accra	2	1	0	0
Volta	7	6	2	2
Eastern	4	4	1	0
Central	5	2	0	0
Western	5	5	0	0

Development Partners Assisted Programme

Ashanti	6	4	0	0
Brong Ahafo	5	5	0	0
Northern	3	3	0	0
Upper East	3	3	0	0
Upper West	4	0	0	0
TOTAL	44	33	3	2

2.3.3 Ghana - Spanish Bridges Project

The Spanish bridge programme involves the construction of fifty two (52) bridges throughout the country.

This involves a facility of Euro 10.0 million under the Second Ghana-Spain Protocol for the supply of components. The supply of the components is in two lots of 26 each. The Government of Ghana is to fund the cost of the civil works and approach filling. Contracts for 24 bridges under Phase One has been awarded at an estimated cost of GH¢ 15,359,267.33. The design of three (3) of the 24 bridges under Phase one have been revised and are being constructed as major box culverts. Detail designs for the bridges for Phase Two comprising 31No. bridges are in progress.

2.3.3.1 Status

Lot 1

All the twenty-six (26) bridge components have been supplied by a Spanish firm M/s Makiber and stockpiled at DFR yard in Koforidua. The short span training was completed successfully and DFR is yet to award the long span bridges for the 2nd training during the Phase 2 contract.

Lot 2

Another Spanish firm M/S Schwart-Hautmont has also supplied the remaining 26 bridge components and stockpiled in DFR Stores, Accra. Advertise for the Phase 2 twenty-three (23) no. bridges is in progress.

Progress

Twenty-four (24) bridges were awarded. Fourteen (14) bridges have been launched out of which thirteen (13) have been completed and opened to traffic. Additional five (5) bridges have both abutments cast up to launching level and filling of approaches are in progress. The design of three (3) of the 24 bridges under Phase 1 had been revised and have been constructed as major box culverts and have been completed.

The overall progress of work is 94%.

2.3.3.2 Status of Supply Contracts

Lot 1

All the twenty-six (26) bridge components have been supplied by a Spanish firm M/s Makiber and stockpiled at DFR yard in Koforidua.

Lot 2

Another Spanish firm M/S Schwart-Hautmont has also supplied the remaining 26 bridge components and stockpiled them at DFR Stores, Accra.

Table 2.12 shows the regional distribution of the bridges (Phase I).

Table 2.12: Regional Distribution of Spanish Bridges and Number Launched/Completed

Region	BRIDGES		MAJOR BOX CULVERTS	
	No. Awarded	No. Launched/ Completed	No. Awarded	No. Completed
Greater Accra	0	0	0	0
Volta	1	1	0	0
Eastern	5	4	0	0
Central	2	2	2	0
Western	3	0	0	0
Ashanti	2	2	1	0
Brong Ahafo	2	2	0	0
Northern	2	1	0	0
Upper East	1	1	0	0
Upper West	3	0	0	0
TOTAL	21	13	3	0

2.3.4 Belgium Bridges

The supply of the bridge components for a total of 490m span over five (5) water crossing points was 100% complete. Table 2.13 shows roads and river names and regions they are located.

Table 2.13: The Bridge Locations, River Names and Span Lengths

No.	Road Name	River Name	Proposed Span of Bridge (m)	Region	District
1	Kpando Agbenoxoe – Kpando Dafor	Tributary to Volta	175	Volta	North Dayi
2	Galo – Sota – Bomingo	Angor	70	Volta	South Tongu
3	Anlo Jn. – Nsese No. 1 – Nsese No. 2	Pra	70	Eastern	Akyemansa
4	Mankessim – Suprudo – Amissano	Okyi	105	Central	Mfantsiman
5	Asempaneye – Kushea – Hwidiem	Pra	70	Central	Assin North

Projects for the five (5) long span Belgium bridges have been advertised in the dailies for bidders to bid for them.

CHAPTER THREE: GHANA GOVERNMENT PROGRAMME

3.1 Road Fund

3.1.1 Background

A total amount of GH¢86.632 million was allocated to DFR in 2015 by the Road Fund Board for routine/recurrent and periodic maintenance projects, training, monitoring and supervision of projects, vehicle maintenance etc.

Routine/Recurrent maintenance	:	GH¢44.0 million
Periodic Maintenance	:	GH¢40.0 million
<u>Ancillary Services (Others)</u>	:	<u>GH¢2.632million</u>
Total	:	GH¢86.632 million

3.2 Status

3.2.1 Routine / Recurrent Maintenance

The routine maintenance was planned to cover 22,500km of feeder roads with an approved budget of GH¢440million. The total length achieved from January to December 2015 was 7,471.39km, representing 33% of the total length of roads awarded. Total disbursement made as at 31st December, 2015 was GH¢6.000m.

3.2.2 Periodic Maintenance

- (a) An estimated amount of GH¢40.0.0million was programmed for periodic maintenance for the year 2015.
- (b) Total disbursement made for Road Fund contracts as at 31st December, 2015 was GH¢11.550m.

3.2.3 Ancillary

Total Disbursement for support services i.e., training, supervision, consultancy, etc. was GH¢1.653million.

3.2.4 Summary of Releases from January to December, 2015

Routine/Recurrent maintenance	:	GH¢ 6.000million
Periodic Maintenance	:	GH¢ 11.550million
Others	:	GH¢ 1.890million
Total release	:	GH¢ 19. 440 million

3.3 Consolidated Fund (Investment)

3.3.1 Background

The Budgetary allocation under investment for 2015 is GH¢ 31.247million.

3.3.2 Status

Total disbursement made as at the end of December, 2015 for both roads and bridges was GH¢16.499m. Some of the contracts were substantially completed while others were at various stages of completion.

3.4 Rural Roads in Cocoa Growing Areas

The Ghana Cocoa Board (COCOBOD) has collaborated with the Department of Feeder Roads since 1985 in the rehabilitation, upgrading and maintenance of roads critical to its operations, that is, vital to the haulage of cocoa to the ports for export. These roads are termed Cocoa Roads. This collaboration has now been expanded to deal with the full mandate of COCOBOD which covers cocoa, coffee and sheanuts.

The Government of Ghana (GoG) is funding the programme in two (2) tranches.

3.4.1 Tranche 1

Background

GoG made provision for US\$100million for the surfacing of 600km of cocoa roads in the six cocoa producing regions in the country namely: Eastern, Ashanti, Brong Ahafo, Central, Volta, and Western regions respectively. These projects are on-going.

The on-going programme is in three (3) phases as follows:

PH1	211.60km
PH2	221.5km
PH3	252.1km

A total of 685.2km of roads are to be completed at an estimated cost of US\$100M.

Status

Table 3.1: Summary of Achievements as 31st December, 2015:

ACTIVITY	TARGET (KM)	ACHIEVEMENT (KM)	PERCENTAGE COMPLETED (%)
PHASE 1	211.6	171.95	81%
PHASE 2	221.5	227.8	103%
PHASE 3	252.1	99.25	39%
TOTAL	685.2	499	73%

The cumulative length executed since the start of the programme is 499km. Tables 3.2 and 3.3 show the regional distribution of Tranche 1 for the three phases and the physical and financial summaries, respectively.

Table 3.2: Regional Distribution of Projects

REGION	PH1		PH2		PH3		TOTAL
	LOTS	LENGTH	LOTS	LENGTH	LOTS	LENGTH	LENGTH
	(No)	(KM)	(No.)	(KM)	(No)	(KM)	(KM)
WR	5	33.3	17	123.1	11	91.6	248
ASR	7	52.2	11	67.3	8	56	175.5
ER	4	28	2	8	5	29.8	65.8
BAR	6	39.2	5	23.1	2	26.7	89.0
CR	4	33.5	0	0	4	40	73.5
VR	5	25.4	0	0	2	8.0	33.4
TOTAL	31	211.6	35	221.5	32	252.1	685.2

Table 3.3: General Summary

NO.	PHASE	LENGTH (KM)	CONTRACT PRICE (GH¢)
1	PHASE 1	211.6	27,196,508.90
2	PHASE 2	221.5	39,288,210.06
3	PHASE 3	252.1	55,187,573.12
TOTAL		685.2	121,672,292.08

3.4.2 Tranche 2 - CFRIP

Under the Tranche 2 of the rural roads in cocoa growing areas programme, the Government through the Ministry of Roads and Highways has provided funding for the maintenance, rehabilitation and upgrading of road to deal with the full mandate of COCOBOD which covers cocoa, coffee and sheanuts.

Table 3.4 shows summary of regional distribution of the roads.

Table 3.4: Tranche 2 Regional Summary

NO	REGION	SURFACING			SPOT IMPROVEMENT			REHABILITATION		
		NUMBER OF PROJECTS	KM	COST (GH¢)	NUMBER OF PROJECTS	KM	COST	NUMBER OF PROJECTS	KM	COST (GH¢)
1	EASTERN	12.00	75.19	27,339,184.68	28	87.59	5,330,478.98	0.00	0	0.00
2	VOLTA	14.00	71.30	45,131,192.52	21	69.70	4,919,571.54	0.00	0	0.00
3	CENTRAL	9.00	79.45	21,078,556.04	21	127.35	6,392,166.83	5	26.1	2,819,354.73
4	WESTERN	14.00	130.60	62,105,249.81	30	267.5	14,728,440.18	3.00	55	2,545,380.85
5	ASHANTI	14.00	75.84	24,605,339.84	28	149.0	1,991,734.27	0.00	0	0.00
6	BRONG AHAFO	11.00	48.60	20,099,818.76	46	360.10	13,705,909.95	0.00	0	0.00
7	GREATER ACCRA	11.00	38.60	12,741,689.80	9	57.20	3,331,864.37	0.00	0	0.00
8	NORTHERN	3.00	15.50	5,601,254.12	15	214.72	7,141,572.15	5.00	34	3,489,922.42
9	UPPER EAST	6.00	28.00	20,392,335.78	7	58.3	2,698,832.74	1.00	16	800,000.00
10	UPPER WEST	5.00	17.10	8,973,146.85	17	140.75	5,500,220.61	1.00	7	711,933.34
TOTAL		99.00	580.18	248,067,768.20	222	1532.21	65,740,791.62	12.00	118	9,166,386.42

***RECEIPTS AND DISBURSEMENT AS AT DECEMBER 2015**

No amount was received for disbursement since January to the end of the fourth quarter of the year under review.

The total disbursement made since the inception of the programme to date is GH¢350,694,320.00.

Table 3.5: Physical Achievement

ACTIVITY	TARGET (KM)	ACHIEVEMENT (KM)	% ACHIEVEMENT
Surfacing	481.69	263.57	54.7
Spot Improvement	1,061.14	351.74	33.1
Rehabilitation	81.1	23.00	28.4
Total	1,623.93	638.3	Average 39.3

TRANCHE 3: RURAL COCOA PROJECTS

A total 237.9km into 22 Lots have been awarded under Phase One at a total cost of GH¢240.15. The total payment as at 31st December, 2015 was GH¢71.16 million. Under Phase Two, 436.9km into 51 Lots were recently awarded. Currently evaluation of 22 lots is on-going under Phase Three.

Tranche 3: Regional Distribution of Projects as at 31st December, 2015

REGION	PHASE 1		PHASE 2		PHASE 3		TOTAL
	LOTS	LENGTH	LOTS	LENGTH	LOTS	LENGTH	LENGTH
	(NO.)	(KM)	(NO.)	(KM)	(NO.)	(KM)	(KM)
WR	3	51.2	12	106.9			
ASR	2	35.2	8	76.8			
BAR	4	44.4	6	65.4			
CR	5	32.95	10	87.9			
ER	4	36.9	15	99.9			
VR	4	37.25	0	0			

3.5 Revamped Labour Based Technology for Road Construction and Maintenance

Background

The Labour-Based Technology (LBT) for road construction has been identified as a cost-effective and appropriate method of improving rural transportation, whilst addressing issues of economic development and poverty reduction.

The Ministry decided to revamp the LBT to improve upon the livelihood of rural Ghanaians by creating employment opportunities and facilitating access of the rural population, which is predominately poor, to market and to economic and social, goods and services.

This is in furtherance of the Government policy on job creation. Feeder roads selected for rehabilitation and spot improvement under the LBT programme and the achievement as at 31st December, 2015 are as follows:

Table 3.6: Summary of On-going LBT Contracts

REGION	LOT NO.	POLITICAL DIST.	ROAD NAME	LENGTH (KM)	ACTIVITY	% PHYSICAL COMPL.	REMARKS
GAR	Lot 1 ^A	Ga South	Ashaleaman - Fawotekose F/R	4.20	Spot Imp.	0	To be terminated
	Lot 1 ^B	Ga South	Ashaleaman - Fawotekose, Mmampehia & Otaten - Fawotekose F/R	5.20	Spot Imp.	100	Substantially Completed
	Lot 2 ^A	D/East	Talebanya Junc. - Talebanya & Nuhuale Junc. - Nuhuale F/R	6.00	Spot Imp.	13.6	To be terminated
	Lot 2 ^B	D/East	Tehe Junc. - Tehe F/R	5.00	Spot Imp.	100	Substantially Completed
	Lot 3 ^A	D/East	Ameyawkorpe - Safahukorpe F/R	5.00	Spot Imp.	72.4	Works in progress
	Lot 3 ^B	D/East	Adonokorpe - Peterkorpe F/R	3.00	Spot Imp.	100	Substantially Completed

LABOUR BASED CONTRACTS

REGION	LOT NO.	POLITICAL DIST.	ROAD NAME	LENGTH (KM)	ACTIVITY	% PHY. COMPL.	REMARKS
VOLTA	4	Ho	Adukorpe Jnc - Ziave	6.30	Rehab.	100	Substantially Completed
	5	Ho	Klepe - Demetse - Akrofu & Hoviekpe Jnc - Hoviekpe	9.30	Rehab.	100	Substantially Completed
	6	Ho	Abutia Sebekope Jn. - Sebekope	5.30	Spot Imp.	100	Works in progress
	7	Ho	Ho Soldier Barracks - Tokokoe Ph.2	9.80	Spot Imp.	100	Substantially Completed
EASTERN	8	Yilo Krobo	Huhunya - Torgodo & Others	9.40	Rehab.	35	Works in progress
	9	Fanteakwa	Owusukrom - Asrebuso	10.00	Rehab.	30	Works in progress
	10	Upper Manya	Djomoh - Mensah	7.60	Rehab.	90	Works in progress
	11	Lower Manya	Ayemesu - Gbortsonya	9.30	Rehab.	28	To be terminated
	12	West Akim	Asamankese - Ametima & others	12.35	Spot Imp.	52	Works in progress
	13	Akuapem North	Asamang - Lakpa	12.30	Spot Imp.	100	Works completed
CENTRAL	14	Assin South	Mankata Jnc - Mankata	10.70	Rehab.	25	To be terminated
	15	Ajumako-Enyan-Essiam	Obaasa - Onyandze - Kokodo - Engo	7.10	Spot Imp	40	Works in progress
	17	Assin North	Essiam - Kyeikrom - Adukweku	6.70	Spot Imp	65	Works in progress

LABOUR BASED CONTRACTS

REGION	LOT NO.	POLITICAL DIST.	ROAD NAME	LENGTH (KM)	ACTIVITY	% PHY. COMPL.	REMARKS
CENTRAL	14	Assin South	Mankata Jnc - Mankata	10.70	Rehab.	25	Works in progress
	15	Ajumako-Enyan-Essiam	Abaasa - Onyandze - Kokodo - Engo	7.10	Spot Imp.	40	Works in progress
	17	Assin North	Essiam - Kyeikrom - Adukweku	6.70	Spot Imp.	42	Works in progress
WESTERN	19	SWDA	Bowobra - Apentemadi & others	12.50	Spot Imp.	0	To be terminated
	20	JMDA	Anhwiafutu Jn - Kwabre & others	11.40	Spot Imp.	0	To be terminated
	21	ADA	Akpafu Jn - Akpafu & others	9.30	Spot Imp.	46	To be terminated
ASHANTI	22	Ashanti Akyem South	Asankare - Dampong Emduase	4.90	Rehab.	100	Substantially Completed
	23	Sekyere East	Ntumakunso	10.00	Rehab.	100	Substantially Completed
	24	Ashanti Akyem South	Adomfe - Brentuokrom	9.00	Rehab.	75	Works in progress
	25	Asunafo North	Nfrokrom - Nyamebekyere	15.50	Spot Imp.	63	Works in progress

LABOUR BASED CONTRACTS

REGION	LOT NO.	POLITICAL DIST.	ROAD NAME	LENGTH (KM)	ACTIVITY	% PHY. COMPL.	REMARKS
NORTHERN	29	Tonlum-Kumbu	Wantugu - Kasuliyilli	14.20	Spot Imp	52	Works in progress
	30	East Gonja	Bamvim - Dalogyilli	11.10	Spot Imp	48	Works in progress
	31	Tolon	Katindaa - Koblinahigu	2.65	Rehabilitaion	30	Works in progress
	32	Central Gonja	Sankunyipale - Mahamuyilli	9.20	Rehabilitaion	25	Works in progress
UPPER EAST	33	Bongo	Feo - Aniakumkwa & Others	15.00	Spot Imp	18	To be terminated
	34	Kassena - Nanakana West	Sandema - Katiu & Others	19.60	Spot Imp	20	To be terminated
	35	Talensi-Nabdan	Tongo - Baare & Others	11.40	Spot Imp	87	Works in progress
	36	Bawku West	Zebilla - Timonde & Others	12.30	Rehabilitaion	57	Works in progress
UPPER WEST	37	Sissala West	Kusale - Boti & Others	10.30	Spot Imp	27	To be terminated
	38	Sissala East	Naabugubelle - Challu & Challu -Nmanduono - Jambugu - Yipanpu	10.00	Rehabilitaion	29	To be terminated
	39	Sissala West	Kongo - Buo & Bamahu - Konpala	9.60	Rehabilitaion	46	Works in progress
			TOTAL LENGTH	430.0			

Status

1. Contracts awarded are on-going in all regions and are at various stages of completion. The slow moving ones have been earmarked for termination.

CHAPTER FOUR: COLLABORATIVE PROGRAMMES

Ministry of Food and Agriculture Programmes and Projects

4.0 Background

These are various programmes being carried out by the Ministry of Food and Agriculture (MOFA).

The Department of Feeder Roads is providing consultancy services involving the design, supervision and monitoring services for the feeder roads component.

These programmes will improve living standards of rural population, contribute to poverty reduction, enhance food security, generate rural employment, and contribute to foreign exchange conservation for the country.

The programmes focus on the promotion of specific crops in selected districts.

4.1 Poverty Focused Rural Transport Programme

4.1.1 Background

This programme is funded by Kreditanstalt für Wiederaufbau (KfW) of Germany with an amount of Euro 8.2M. It forms part of MOFA's Rural Access Programme. The programme involves the rehabilitation of 107km of feeder roads.

Coverage

Six (6) districts in the Ashanti and Brong-Ahafo regions are as shown in Table 4.1.

Table 4.1: Regions and Districts covered by KfW programme

REGION	DISTRICT
Brong Ahafo	Nkoranza, Techiman, Kintampo North, Kintampo South
Ashanti	Sekyere West, Ejura Sekyedumase

4.1.2 Status

Site works for the 107Km contracts are awarded under Phase 1. The status of the contracts is as follows:

Table 4.2: Status of Poverty Focused Rural Transport Programme

Poverty Focused Rural Transport Programme					
REGION	DISTRICT	LOT	ROAD NAME	LENGTH (km)	STATUS %
ASHANTI	Ejura Municipal	1	Rehabilitation of Aframso - Nkyensie	10.6	100
		2	Rehabilitation of Ejura Nkwanta - Kabre	7.6	100
		3	Rehabilitation of Kabre - Nyinase	9.1	100
	Mampong Municipal	4	Rehabilitation of Bosomkyekye-Ouagadugu	12.5	100
	Sekyere Central	5	Rehabilitation of Aframso - Kyeiase	14.1	100
		8	Rehabilitation of Dome-Asasembonsa	9.8	100
BRONG AHAFO	Nkoransa South	9	Rehabilitation of Hwidiem - Makyin Mabre	10.4	100
		10	Rehabilitation of Makyin Mabre - Junction	8.6	100
		11	Rehabilitation of Junction - Yerepemso	10.1	100
		12	Rehabilitation of Brahofo - Dompouse	14.2	100
			TOTAL	107	

Total disbursement to date is €6,735,484.00 (GHC13875097.04), using an average exchange rate of GHC2.06 and the breakdown is as follows:

Contract works	€4,813,076.00
Consultancy services	€1,659,181.00
Vehicle & IT equipment	€63,470.00
Training	€199,757.00

4.2 WESTERN CORRIDOR INFRASTRUCTURE PROJECT

4.2.1 Introduction

The Atuabo Gas Processing Plant in the Western Region is being constructed to produce Liquefied Petroleum Gas (LPG) in commercial quantities as part of the gas processing activities. The initial design proposal was to transport the LPG via subsea through Camp Buoy but due to time constraint, it is desired that the LPGs be transported by road.

In view of the general poor condition of the road network in the Western Region, the Ministry of Energy and Petroleum arranged with the Jubilee Partners to solicit financial support to facilitate the construction of the road network in the gas production zone.

A feasibility assessment was therefore carried out to ascertain the conditions of the existing road network and proposed suitable route that will enable the safe transportation of LPG with limited impact to the environment.

To this effect, the Department of Feeder Roads (DFR) was contacted to assist in the upgrading of part of the road network to facilitate the transportation of the LPG. A total of 34.00km of the road network was seeded to the department to supervise. Due to the urgency of the work, the road was divided into two phases and awarded to two construction firms. The total cost of the two (2) contracts is GH¢24.368m.

The two phases commenced in August, 2014 under the supervision of a team of DFR personnel selected from four (4) regions of the country and to be completed in February 2016.

4.2.2 Status

The average physical progress for the two phases is 72% as against the expected 94.5% progress. The total certified as at 31st December, 2015 is GH¢21.22million.

Table 4.3: Western Corridor Gas Infrastructure Project

Department of Feeder Roads														
Western Corridor Gas Infrastructure Project														
Progress Report- September, 2015														
Region	District	Lot No	Road name	Length (km)	Name of contractor	Award Date	Commencement Date	Completion Date	Contract Sum (GH¢)	Revised Contract Sum (GH¢)	Payment to Date	Planned/Scheduled progress (%)	Actual Progress (%)	REMARKS
Western	Ellembele/Jomoro	1	Bituminous Surfacing of Alabokazo-Ekwei-Tikobo No.1 Ph.1 (12.90 KM)	22.6	M/s Memphis Metropolitan Ltd	21/5/2014	4/8/2014	3/2/2016	12,539,950.22	21,768,984.42	10,014,752.94	94.5	85.0	Behind Schedule
Western	Ellembele/Jomoro	2	Bituminous Surfacing of Alabokazo-Ekwei-Tikobo No.1 Ph.2 (19.80 KM)	30.4	M/s Kingspok Company Limited	21/5/2014	5/8/2014	4/2/2016	11,827,619.17	25,182,579.54	11,205,883.87	94.5	59.0	Behind Schedule
			TOTAL	53.0					24,367,569.39	46,951,563.96	21,220,636.81			

4.3 Programme for the Promotion of Perennial Crops in Ghana

4.3.1 Introduction

The Government of Ghana has received Fund from the German Government towards the cost of construction of roads for the promotion of perennial crops in Ghana. A portion of this credit is to be used to finance the Rehabilitation of Selected Feeder Roads in the Central and the Western Regions of Ghana. In furtherance of these objectives, the Construction Supervision of Selected Roads in the two (2) Regions is being undertaken in-house by the Department of Feeder Roads.

A total of 27.1km of roads was awarded at GH¢2.627m and commenced in November, 2014 to be completed in August, 2015.

4.3.2 Status

The average progress as at is 85% and the total amount certified is GH¢1.327m. The detail is as in Tables 4.4.1 below.

Table 4.4: PROGRESS REPORT FOR WESTERN AND CENTRAL REGIONS UNDER THE PERENNIAL CROP PROGRAMME

DEPARTMENT OF FEEDER ROADS													
PROGRAMME FOR THE PROMOTION OF PERENNIAL CROPS IN GHANA													
CENTRAL AND WESTERN REGIONS													
PROGRESS REPORT- SEPTEMBER 2015													
Region	District	Lot No	Road name	Length (km)	Name of contractor	Award Date	Commencement Date	Completion Date	Contract Sum (GH¢)	Payment to Date	Planned/ Scheduled progress	Actual Progress	REMARKS
Central	KEEA/Assin South	1	Abirim-Stephen Annan F/R & Others	3.2	Yussad Limited	15-Sep-14	27-Nov-14	27-Aug-15	370,930.20	187,188.45	100.0%	75.0%	Behind schedule.
Central	Twifo Attimorkwa/ Upper Denkyira East	2	Damang - Kweku Ansere F/R & Others	6.5	Caks Limited	15-Sep-14	27-Nov-14	27-Aug-15	867,318.33	827,639.86	100.0%	100.0%	Completed
Western	Wassa Amenfi Central	3	Gyankutabuo-Ankassi F/R & Others	8.5	Best West End Const. Ltd.	15-Sep-14	21-Nov-14	20-Aug-15	1,389,585.25	312,113.68	45.0%	80.0%	Behind schedule
			TOTAL	18.2					2,627,833.78	1,326,941.99			

CHAPTER FIVE Financial Implication in the Implementation of DFR Planned Programmes and Activities for 2015 Fiscal Year

5.1 Summary Estimates of DFR for the 2015 Fiscal Year

The summary of estimates for the 2015 fiscal year is shown in Table 5.1. The total amount approved for DFR programmes and activities for 2015 is GH¢298.687 million and out of which GH¢31.247million representing 10.5% is from the Consolidated Fund for wholly GoG projects, matching fund and other administrative expenses. Donor support is estimated at 179.928 million which also represents 60.2% of the total budget. In addition Road Fund contribution is estimated at GH¢86.632million representing 29.0%. Others represent 0.3%.

Total disbursement for the period January – December, 2015 was GH¢58.105million out of a total budget of GH¢298.687million. This represents 29.1% of planned performance. Breakdown of the disbursements are as shown in Table 5.1.1.

Table 5.1: Summary Estimates for January. – December, 2015

Item	TOTAL 2015 BUDGET (GH¢'000)	DISBURSEMENT AS AT DECEMBER , 2015 (GH¢'000)	PERCENTAGE (%)
COMPENSATION FOR EMPLOYEES	5,348.37	6,312.71	118%
GOODS & SERVICES	116.40	88.87	76%
ASSETS	25,782.10	2,601.13	10%
ROAD ARREARS		13,898.81	
ØMatching funds	6,026.00		6,026.00
<i>Supervision M & E</i>	445.00		445.00
<i>(Consultants- Bridges</i>	967.00		967.00
<i>Civil Works</i>	4,453.00		4,453.00
<i>Compensation</i>	161.00		161.00
ØWholly GOG -O	12,067.00		12,067.00
<i>Maintenance</i>	4,190.00		4,190.00
<i>Development/Minor Rehab</i>	1,760.00		1,760.00
<i>Bridges</i>	6,117.00		6,117.00
ØWholly GOG -N	790.00		790.00
<i>Maintenance</i>	322.00		322.00
<i>Development/Minor Rehab</i>	468.00		468.00
ØTaxes & Duties	402.10		402.10
ØArrears	6,497.00		6,497.00
<i>Actual</i>	2,727.00		2,727.00
<i>Projected (up to Dec '15)</i>	3,770.00		3,770.00
TOTAL GOG	31,246.87	22,901.52	73.29%
ROAD FUND	86,632.00	19,439.87	22.44%
<i>Arrears (Actual)</i>	28,877.00		
<i>Projected Expenditure</i>	28,877.00		
<i>Works in fiscal yr</i>	28,878.00		
DONOR (TSP, KFW, PERENNIAL CROPS)	179,928.13	32,515.88	18.07%
DCRIP	14,500.00	9,805.84	67.63%
IGF	880.00	157.39	17.89%
EASTERN CORRIDOR	-	0.00	
GHANA GAS	-	481.82	
Others (EMQAP,HIPC,CFRIP)	-	1,576.28	
GRAND TOTAL	298,687.00	86,878.60	29.1%

CHAPTER SIX: CROSS CUTTING ISSUES

6.1 Road Safety

6.1.1 Action Plan

As part of the National Road Safety Strategy III (NRSS III) covering 2011-2020, DFR submitted its Safety Implementation Status as well as its Road Safety Actions Plan to the National Road Safety Commission. The main objective for the NRSS III is to halt the unacceptable levels of road traffic fatalities and injuries by 2015 and thereafter reduce accidents by 50% by the end of 2020. The action plan submitted by DFR took the form outlining some road safety strategies to be implemented on feeder roads which addressed safety problems at bridge approaches as well as safety problems at intersections and curves. Additionally a Road Safety Desk unit/desk has been created in DFR Head office. These strategies have been set to enhance the safety on feeder roads for all road users' especially vulnerable road users like pedestrians and motorist.

Some of the safety measures being undertaken include:

- Undertaking safety audit on heavily trafficked feeder roads;
- Erection of warning signs at intersections and dangerous sharp curves and at bridge approaches.
- Provision of pedestrian crossings/ speed humps/ rumble strips on town roads.

The department plans to undertake the following additional action plan:

- Erection of informative signs in towns and villages;
- Vegetation control to improve sight distance on feeder road especially in sharp curves; and
- Undertaking road line markings on all bituminous surfaced feeder roads.

6.1.2 Targets and Achievements for 2011-2013

6.1.2.1 Targets

Action plan strategies and targets for the years 2011-2013 were to:

- Improve horizontal and vertical alignment of road by incorporating road safety in design of 250 km feeder roads;
- Erect of 300 warning signs to intersections and curves;
- Provide 75 town roads with pedestrian crossing/speed humps/rumble strips;
- Erection of warning signs at bridge approaches;
- Undertaking road line marking of 400km bituminous surfaced road; and

- Erection of warning signs at construction sites

6.1.2.2 Achievements

- A total number of six hundred and seventy-nine (679) warning signs were erected at intersection and sharp curves;
- Provision of 103 town road with pedestrian crossing/speed humps/ rumbles strips;
- Erection of 240 warning signs at bridge approaches;
- Erection of warning signs at 122 construction sites; and
- Provision of road line marking on a total of 342.1 km bituminous roads.

6.1.3 Action Plan for 2014-2016

The following action plans have been set by DFR for the 2014-2016 National Road Safety Strategy III (NRSS III):

- Improve horizontal and vertical alignment of road by incorporating road safety in design for 500 km feeder roads;
- Erect 300 warning signs at bridge approaches;
- Erect 800 warning signs to intersections and sharp curves;
- Undertake road line marking on a total of 500 km bituminous surfaced road;
- Surface 40 town roads and 90 bridge approaches;
- Provide 75 town roads with pedestrian crossing/speed humps/rumble strips; and
- Vegetation control along 400 km of feeder roads.

6.1.4 Achievements for Action Plan - 2015

Objectives

The objective is to give high priority to safety of pedestrians, passengers, motorcyclist and other vulnerable road users.

The achievements in the Activities for the 2015 Action Plan are as shown in the following Tables:

Activity 1: Improved Capacity of Key Stakeholder Agencies

1.1 Improved Road Safety Capacity Among Stakeholders

Description	Plan			Achievement - 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
In-house capacity building.	50	No. of staff trained.	18,900.00	40	Progress Report	18920	80	Target not met.
Training in road safety.	-	No. of staff trained.	-	-	-	-	-	Training of District Engineers is under the jurisdiction of Ministry of Local Government.
Capacity development for road traffic signs and markings workshop.	-	No. of workshops planned.	-	-	-	-	-	DFR management yet to take action.

Activity 2: Build a centralised database**2.1 Develop a comprehensive road safety information database needed for operating effective safety management system and programmes at National, Regional, Metropolitan, Municipal and District level.**

Description	Plan			Achievement 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
Development of Feeder road database on hazardous road sections`.		No. of hazardous road sections identified.						Action to be taken under AFCAP project (Assessment of Accident Black Spots).
Improve storage and accessibility of all data relevant to road traffic crashes.		Length of road with data.						Action to be taken under AFCAP project (Assessment of Accident Black Spots).

Activity 3: Increase research on road safety issues
3.1 Promote road safety research initiative to guide policy formulation and intervention

Description	Plan			Achievement 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
Study of pedestrian safety at signal crossings in rural centres.								Action to be taken under AFCAP project (Assessment of Accident Black Spots).
Research into materials to be used for signage.								Action yet to be taken.

Objective 2**Activity 1: Increase budgetary allocation for road safety engineering****1.1 Stakeholders to incorporate dedicated line in their budgets purposely for road safety engineering**

Description	Plan			Achievement 2014 - 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
Study of pedestrian safety at signal crossings in rural centres.								Action to be taken under AFCAP project, (Assessment of Accident Black spot)

Activity 2: Road safety in road design and construction

2.1 Hazardous spot improvement programmes

Description	Plan			Achievement 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation (Km)	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
Ensure vegetation control.	150km	Length of vegetation control.	120,000.00	11,547	Progress Report.	1,449,965.00	7,698.00	Target exceeded.
Ensure the control of bill boards.		Number of billboards identified.			Progress Report.			Action is in progress
Improve junction design.		Number of junctions improved.			Progress Report.			No action yet
Road warning signs.	450	Number of road warning signs.	1,800,000.00	175	Progress Report.	35,661.00	39	Target not exceeded.
Road line markings.	200km	Length of Roads marked.	4,000,000.00	30	Progress Report.	97,609.00	15	Target not exceeded.

Activity 2: Road safety in road design and construction

2.2 Incorporate pedestrian safety facilities in road planning, design, construction and operation to provide for their special needs and requirement.

Description	Plan			Achievement 2014 - 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation (Km)	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
Provision of pedestrian crossing on town roads.	75km	Length of roads to be provided with pedestrian crossing.	393,750.00	9.3	Progress Report	29,540.00	12.4	Target not exceeded
Provide speed humps on town roads.	75No.	No. of speed humps provided.	1,125,000.00	48	Progress Report	33,375.00	64	Target not exceeded

Activity 2: Road safety in road design and construction

2.3 Education of community members and road users

Description	Plan			Achievement 2015				Remark
	Target - 2015	Variable Indicators	Budget GH¢	State of Implementation (Km)	Evidence of Implementation	Expenditure (GH¢)	Physical Target / Achievement (%)	
Sensitization on road safety measures.	200km	Length of road identified.	400,000.00	23km	Progress Report.	340,000.00	12	Target not exceeded.

6.1.5 Challenges

Some challenges faced during the implementation of the 2011-2013 National Road Safety Action Plan are:

- Targets not achieved due to budgetary constraints and slow progress of works.
- Non-adherence and incorrect use of road line markings, warning signs and pedestrian crossings by road users and pedestrians

6.1.6 Way forward for 2014-2016 action plans

- Adequate funding for road safety activities should be made available.
- Community education on the importance of road safety (such as pedestrian crossings, road line markings and warning signs).

CHAPTER SEVEN: HUMAN RESOURCE ISSUES

7.1 Staffing

The Department of Feeder Roads has total staff strength of Eighty -Eight (88) at the Head Office, made up of both technical and non-technical staff of various professional backgrounds.

The Department is headed by a Director with three Deputy Directors in charge of Planning, Development and Maintenance.

The Department operates in all the ten (10) regions of Ghana and provides technical and policy directions to the 216 District Works Departments of the MMDAs through the regional offices.

7.1.1 Gender Ratio

Staff Categorisation (Department of Feeder Roads)					
Ministry of Roads and Highways	Senior Staff		Junior Staff		Total
	Male	Female	Male	Female	
Dept. of Feeder Roads	179	35	118	37	369

7.1.2 Age Distribution

The age distribution of the Staff of the Department is shown in the Table below.

Age Distribution

Ministry of Roads and Highways	Age Range						
		20-30yrs	30-40yrs	41-50yrs	51-60yrs	60yrs+	TOTAL
Dept. of Feeder Roads							
MALE		2	121	165	35	0	323
FEMALE		9	14	16	7	0	46
SUB-TOTAL		11	135	181	42	0	369

7.1.3 Staff Details

The details information about DFR staff showing Staff ID, Names Date of Birth, Sex, Grade etc. are shown in Appendix A.

7.1.4 Training and Development

ACADEMIC TRAINING PROGRAMMES

TABLE 7.1.1: ACADEMIC TRAINING PROGRAMS														
S/N	STAFF ID	Name of Officer	Sex	Course of Study	Institution	Duration	Start Date	End Date	Funding					Leave (Without Pay)
									Self	GoG	DP	Leave (Pay)		
1	643579	Asare-Baffour Kwadwo Jnr.	M	MSC (Road and Transport Engineering)	KNUST	2 Years	Sep-13	Jul-15				√		
2	676876	Oppong Joseph	M	MSC (Road and Transport Engineering)	KNUST	2 Years	Sep-13	Jul-15				√		

Human Resource Issues

2	New Public Service Performance Appraisal	Engineers, Q.S, Administrators	DFR/KTC	20	20th April, 2015	1 Days	GOG-Road Fund	16,235.00	✓
3	New Public Service Performance Appraisal	Engineers, Q.S, Administrators	DFR/KTC	20	27th April, 2015	1 Days	GOG-Road Fund	16,235.00	✓
4	Transforming the Accountancy Profession in this Era of High Technology	Head/ Deputy Head Accounts/ Head of Audit	ICAG/UCC	3	27th - 30th April, 2015	4 Days	GOG-Road Fund	6,600.00	✓
5	Building Maintenance and Facility Management	Senior Estates Manager	GHIE	1	5th-6th May, 2015	2 Days	GOG-Road Fund	490.00	✓
6	Negotiation and Influence Skills for Executives	Director	GIMPA	1	12th - 14th May, 2015	3 Days	GOG-Road Fund	1,500.00	✓

Human Resource Issues

7	Combating Procurement Fraud	Engineers/Q.S/CTO	Harley Reed/Novotel Hotel	5	13-15 May, 2015	3 Days	GOG-Road Fund	14,000.00	
8	Contract Management	Engineers/Quantity Surveyors	KTC	20	25th - 29th May, 2015	5 Days	GOG-Road Fund	39,095.00	
9	Scheme of Service Training Programme for Promotion	Selected Staff	CSTC	10	1st -12th June, 2015	2 Weeks	GOG-Road Fund	27,000.00	✓
10	Critical Thinking & Professional Accountant/ Accounting for Construction & Long Term Contracts	Accountants	ICAG	1	10-11 June	2 Days	GOG-Road Fund	500.00	✓
11	Orientation for Newly Engaged Staff	Engineers/Quantity Surveyors	KTC	9	1st -5th June, 2015	1 Week	GOG-Road Fund	16,550.00	✓

Human Resource Issues

12	Project Supervision	Engineers/Quantity Surveyors	KTC	20	15-19 June, 2015	1 Week	GOG-Road Fund	36,720.00	
13	Bituminous Surface Dressing	Engineers	KTC	20	6-10 July, 2015	1 Week	GOG-Road Fund	36,720.00	
14	Carlsons Software for Road Design	Engineers/ Surveyors	KTC	20	6-10 July, 2015	1 Week	GOG-Road Fund	31,520.00	
15	Works Procurement Management	Engineers/Quantity Surveyors	GIMPA	5	6-24 July, 2015	3 Weeks	GOG-Road Fund	56,000.00	✓
16	Road Maintenance Budgeting Wizard	Engineers/Quantity Surveyors	KTC	20	13-17 July, 2015	1 Week	GOG-Road Fund	31,520.00	
17	Consultants' Services	Engineers/Quantity Surveyors	GIMPA	4	27-31 July, 2015	1 Week	GOG-Road Fund	11,400.00	

Human Resource Issues

18	GIS Database Up-date Training	Engineers/ Surveyors	KTC	20	3rd -7th August, 2015	1 Week	GOG-Road Fund	31,520.00	
DEPARTMENT OF FEEDER ROADS									
2015 TRAINING PROGRAMME									
S/NO	COURSE NAME	TARGET GROUP	ORGANISERS/ VENUE	NO. OF PARTS	DATE	DURATION	FUNDING	COST	ACHIEVED
19	Contract Management	Engineers/Quantity Surveyors	KTC	20	10th -14th August, 2015	1 Week	GOG-Road Fund	39,095.00	
20	Tyre Safety Training	Drivers	Head office	60	17th -18th August, 2015	2 Days	GOG-Road Fund	18,600.00	
21	Total Quality Management	Laboratory Technicians	KTC	25	24th -28th August, 2015	5Days	GOG-Road Fund	31,400.00	
22	Monitoring and Evaluation I	Engineers/Quantity Surveyors	KTC	20	17-21 August, 2015	1 Week	GOG-Road Fund	31,520.00	

Human Resource Issues

23	Certificate in Administration and Management (Day Session)	Chief Executive Officer	GIMPA	1	17 Aug-9 Oct, 2015	8 Weeks	GOG-Road Fund	3,000.00	
24	Contract Management	Engineers/Quantity Surveyors	KTC	20	14-18 Sept, 2015	5 Days	GOG-Road Fund	39,095.00	
25	Report Writing	Selected Staff	GIMPA	4	16-18 Sept, 2015	3 Days	GOG-Road Fund	2,800.00	
26	Post-Graduate Certificate in Public Administration	Engineers	GIMPA	2	Oct-Nov, 2015	8 weeks	GOG-Road Fund	8,000.00	
26	High Impact Presentation Skills for Supervisors and Managers	Engineers/Quantity Surveyors	Eastgate Hotel	5	15-16 October	2 Days	GOG-Road Fund	4,500.00	
27	Project Planning and Management	Engineers	GIMPA	5	12-23 October, 2015	2 Weeks	GOG-Road Fund	6,000.00	

Human Resource Issues

28	Post-Graduate Diploma in Public Administration	Chief Training Officer	GIMPA	1	October-Dec	3 Months	GOG-Road Fund	6,500.00	
29	Information Technology Skills for Secretaries	Secretaries	GIMPA	2	16-27 Nov, 2015	2 Weeks	GOG-Road Fund	3,000.00	
30	Remedial Course in English, Mathematics and Science	Secretaries	Government Secretarial School	5			GOG-Road Fund	3,500.00	
	TOTAL							570,615.00	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
New Public Service Performance Appraisal Training Batch I											
1	40973	Alphonso Ayithey Quaye	Principal Engineer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
2	57586	Benedict Nanor	Asst. Quantity Surveyor	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	-
3	38038	Benjamin Ofei Kwayisi	Chief Records Supervisor	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
4	18122	Afua A. Mensah	Senior Engineer	F	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
5	18148	Theodora Quartey	Snr. Quantity Surveyor (Absent)	F	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
6	732458	Cynthia A.Dombo	Prin. Executive Officer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
New Public Service Performance Appraisal Training Batch I											
7	19554	Mohammed Alhassan	Senior Engineer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
8	14383	Daniel Baba	Senior Quantity Surveyor	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
9	130817	Anane Takyi A.	Chief Personnel Officer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
10	115724	Prosper Gladzah Foli	Senior Engineer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	-
11	137040	Ahmed Seidu Ibrahim	Quantity Surveyor	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
New Public Service Performance Appraisal Training Batch I											
12	60418	Alhassan Alidu	Chief Exec. Officer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
13	18159	Paa Bruku-Boateng	Senior Engineer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
14	106398	Augustine Tsibu-Darko	Asst. Chief Technician	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
15	62772	Abdulahi Saeed Karibaka	Chief Records Supervisor	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
16		Sadiya Alimatu Yahaya	Stenograher GD II	F	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
17	18095	Castro Nyoagbe	Senior Engineer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
New Public Service Performance Appraisal Training Batch I											
18	122047	Atukumah Theodore	Principal Supply Officer	M	New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015	ü	
19	643572	Frederick Addison	Senior Engineer		New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015		
20	73015	Jerry K. Govina	Assistant Quantity Surveyor		New Public Service Performance Appraisal Training I	Soman Consult Limited	1 Day	20/4/2015	20/4/2015		
New Public Service Performance Appraisal Training Batch II											
1	58590	Abudulai Braimah	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
2	61898	Moses Tawiah	Senior Quantity Surveyor	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
3	741167	Juliet Sarfo Manu	Accountant (F&A)	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
4	532154	Meredith Kuunyem N.	Senior Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
5	532143	Kingsley Adu Amoako	Quantity Surveyor	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
6	12504	Grace Essilfie	Senior Executive Officer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
7	137693	Quainoo Stephen	Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
8	130395	Addo Duah Peter	Assistant Quantity Surve	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
9		Rosemary Ayinpoka Abugre	Senior Executive Officer	F	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
10	136805	Felix Bakobie	Senior Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Duration	Start Date	End Date	Funding	
				M/F						GoG	DP
11	16554	Ashong Jonathan	Quantity Surveyor	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
12	42275	Janet Appiah	Stenograher Secretary	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
13	109492	Edmund Duodu	Senior Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
14	532133	Edward Asenso Kensah	Senior Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
15	18107	Francis Naatu	Snr. Quantity Surveyor	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
16	104399	Badu Preko	Chief Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
17	872020	Phyllis Naa Ayeley Quaye	Principal Executive Officer	F	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
18	75846	David Offei Larbi	Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
19	75006	Samuel Yaw Banini	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	27/4/2015	27/4/2015	ü	
1	80516	Mac Num Boye	Chief Accountant	M	Transforming the Accountant	ICAG	4 Days	27/4/2015	30/4/2015	ü	
2	RO1133 2	Nafisah Babah	Chief Accountant	F	Transforming the Accountant	ICAG	4 Days	27/4/2015	30/4/2015	ü	
3	867538	E. K. Fofu Vhernounyeh	Principal Internal Auditor	M	Transforming the Accountant	ICAG	4 Days	27/4/2015	30/4/2015	ü	
1	83149	Edwin Nkrumah	Senior Estate Manager	M	Building Maintenance	GHIE	2 Days	5/5/2015	6/5/2015	ü	
1	33093	George Aidoo	Director	M	Negotiation and Influence Skills for Executives	GIMPA	3 Days	12/5/2015	14/5/2015	ü	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
1	RO1133 2	Nafisah Babah	Chief Accountant	F	Accounting for Construction and Long- term Contracts	ICAG	2 Days	10/6/2015	11/6/2015	ü	
1	676878	Ronald osei Akoto Offei	Engineer	M	Contract Management Course	JAN CONSULT LTD	3 Days	15/6/2015	17/6/2015		
2	676873	Kwame Fenning Nimako	Engineer	M	Contract Management Course	JAN CONSULT LTD	4 Days	15/6/2015	17/6/2015		
3	137054	Christian Namoaley	Engineer	M	Contract Management Course	JAN CONSULT LTD	5 Days	15/6/2015	17/6/2015		
4	137693	Stephen Quainoo	Engineer	M	Contract Management Course	JAN CONSULT LTD	6 Days	15/6/2015	17/6/2015		
5	59108	Jonathan Ofosuhene	Engineer	M	Contract Management Course	JAN CONSULT LTD	7 Days	15/6/2015	17/6/2015		
6	643653	Ameyaw Emmanuel	Engineer	M	Contract Management Course	JAN CONSULT LTD	8 Days	15/6/2015	17/6/2015		

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
7	689635	Anthony Nyarko-Adu	Engineer	M	Contract Management Course	JAN CONSULT LTD	9 Days	15/6/2015	17/6/2015		
8	643726	Joshua Vodugu	Engineer	M	Contract Management Course	JAN CONSULT LTD	10 Days	15/6/2015	17/6/2015		
9	676870	Bethemel Ansa Appiah	Engineer	M	Contract Management Course	JAN CONSULT LTD	11 Days	15/6/2015	17/6/2015		
10	643722	Abraham Quansah	Engineer	M	Contract Management Course	JAN CONSULT LTD	12 Days	15/6/2015	17/6/2015		
11	16542	Ebenezer Tetteh	Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	13 Days	15/6/2015	17/6/2015		
12	532148	Emmanuel Norgah Bukari	Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	14 Days	15/6/2015	17/6/2015		
13	532154	Kingsley Adu Amoako	Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	15 Days	15/6/2015	17/6/2015		
14	133353	Gilbert Apau	Asst. Chief Tech. Engineer	M	Contract Management Course	JAN CONSULT LTD	16 Days	15/6/2015	17/6/2015		
15	72128	Prince Obu	Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	17 Days	15/6/2015	17/6/2015		
16	95115	Franklin Offei	Chief Tech. Engineer	M	Contract Management Course	JAN CONSULT LTD	18 Days	15/6/2015	17/6/2015		
17	73057	Jerry Kobbla Govina	Asst. Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	19 Days	15/6/2015	17/6/2015		

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
18	57586	Benedict Nannor	Asst. Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	20 Days	15/6/2015	17/6/2015		
19	80610	Samuel Wuaku	Asst. Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	21 Days	15/6/2015	17/6/2015		
20	563252	Rosemond Kusi	Prin. Technician Engineer	M	Contract Management Course	JAN CONSULT LTD	22 Days	15/6/2015	17/6/2015		
1	532154	Meredith Kuuyem	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
2	18203	Albert Martey	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
3	18122	Efua D. Akwetea Mensah	Senior Engineer	F	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
4	532133	Edward K. Asenso	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
5	136805	Felix Bakobie	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
6	83258	Amoako K. Boateng	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
7	19554	Mohammed Alhassan	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
18	57586	Benedict Nannor	Asst. Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	20 Days	15/6/2015	17/6/2015		
19	80610	Samuel Wuaku	Asst. Quantity Surveyor	M	Contract Management Course	JAN CONSULT LTD	21 Days	15/6/2015	17/6/2015		
20	563252	Rosemond Kusi	Prin. Technician Engineer	M	Contract Management Course	JAN CONSULT LTD	22 Days	15/6/2015	17/6/2015		
1	532154	Meredith Kuuyem	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
2	18203	Albert Martey	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
3	18122	Efua D. Akwetea Mensah	Senior Engineer	F	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
4	532133	Edward K. Asenso	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
5	136805	Felix Bakobie	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
6	83258	Amoako K. Boateng	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
7	19554	Mohammed Alhassan	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
8	10484	Samuel Acquah Mensah	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
9	137279	Yakubu Quantson	Assistant Quantity Surveyor	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
10	115724	Prosper Gladja Foli	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
11	18159	Paa Bruku Boateng	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
12	643608	Isaac Opoku	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
13	643572	Frederick K. Addison	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
14	109492	Edmund K. Duodu	Senior Engineer	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
15	643599	Agnes Afi Adusei Agyeman	Senior Engineer	F	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
16	13786	Isaac Mensah	Senior Quantity Surveyor	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
17	18148	Theodora Quartey	Senior Quantity Surveyor	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
18	18107	Naatu Francis	Senior Quantity Surveyor	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
19	14383	Daniel Y. Baaba	Senior Quantity Surveyor	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
20	61898	Moses Tawiah	Senior Quantity Surveyor	M	Project Risk Management Course	Rodstaf Consulting Services	22/6/2015	24/6/2015			
1	75572	Dorcas Fynn-Ocran	Stenographer Secretary	F	Professional Telephone and Receptionist Skills	CBM Consult	2 Days	25/6/2015	26/6/2016	"	
1	33093	George Afful Aidoo	Director	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
2	32739	Eric Duncan Williams	DDM	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
3	71637	Dr. Osarfo Ampadu	Chief Engineer	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
										GoG	DP
4	80516	Mac Num Boye	Chief Accountant	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
5	80402	K. N. Akosah Koduah	Chief Engineer	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
6	524946	Joseph Idun	Chief Quantity Surveyor	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
7	18122	Efua D. Akwetea Mensah	Senior Engineer	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
8	676873	Kwame Fenning Nimako	Engineer	M	FIDIC Conditions of Contract and Resolution of Disputes	Ghana Consulting Engineers	4 Days	29/6/2015	3/7/2015		
1	65992	Roosevelt Odai Otoo	Chief Engineer	M	Works Procurement Management Course	GIMPA/ World Bank	3 Weeks	6/7/2015	23/7/2015		
2	71637	Dr. K. Osafo Ampadu	Chief Engineer	M	Works Procurement Management Course	GIMPA/ World Bank	3 Weeks	6/7/2015	23/7/2015		

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
										GoG	DP
				M/F							
3	18095	Castro Nyoagbe	Senior Engineer	M	Works Procurement Management Course	GIMPA/ World Bank	3 Weeks	6/7/2015	23/7/2015		
4	13786	Isaac Mensah	Senior Quantity Surveyor	M	Works Procurement Management Course	GIMPA/ World Bank	3 Weeks	6/7/2015	23/7/2015		
5	61898	Moses Tawiah	Senior Quantity Surveyor	M	Works Procurement Management Course	GIMPA/ World Bank	3 Weeks	6/7/2015	23/7/2015		
1	47983	Eli Sabblah	Chief Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
2	103958	Peter K. Yawson	Chief Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
3	524946	Joseph Miezah	Chief Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
4	98586	David Brobbey	Chief Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	-

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
										GoG	DP
5	104399	Anim Badu Preko	Chief Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	-
6	61216	Cann Afari Kumah	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
7	59787	Gregory Amissah	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
8	20486	Seth Osei-Nketiah	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
9	73780	James Oppong	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
10	75077	Kwasi Bour Asamoah	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
11	103353	Kobena Brentuo	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	-

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
12	72507	Don F. Kuubeterzie	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	-
13	64845	Justice Koranteng	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
14	75023	K. Omane- Brempong	Principal Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
15	62395	Kojo Attoh	Chief Technician Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
16	18180	Dr. Patrick Amoah Bekoe	Assistant Engineer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
17	636350	Mubarak Idriss	Principal Internal Auditor	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	
18	63469	Wiredu Ernest	Principal Accountant	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	-
19	111104	Mubarak Shadow	Accountant	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	-
20	603262	Eric Oware Appiah	Supply Officer	M	New Public Service Performance Appraisal Training II	Soman Consult Limited	1 Day	23/7/2015	23/7/2015	"	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
1	10790	Bernard Badu	Chief Engineer	M	Consultants Services Workshop	GIMPA/World Bank	5 Days	27/7/2015	31/7/2015	"	
2	75006	Samuel Y. Banini	Principal Engineer	M	Consultants Services Workshop	GIMPA/World Bank	6 Days	27/7/2015	31/7/2015	"	-
3	524946	Joseph Idun	Chief Quantity Surveyor	M	Consultants Services Workshop	GIMPA/World Bank	7 Days	27/7/2015	31/7/2015	"	-
4	18203	Albert Martey	Senior Engineer	M	Consultants Services Workshop	GIMPA/World Bank	8 Days	27/7/2015	31/7/2015	"	
5	79096	Kwame Fenning Nimako	Engineer	M	Consultants Services Workshop	GIMPA/World Bank	9 Days	27/7/2015	31/7/2015	"	
6	73057	Akabotse Kiah Ezekiel	Chief Technician Engine	M	Consultants Services Workshop	GIMPA/World Bank	10 Days	27/7/2015	31/7/2015	"	
7	73015	Jerry Kobbla Govina	Asst. Quantity Surveyor	M	Consultants Services Workshop	GIMPA/World Bank	11 Days	27/7/2015	31/7/2015	"	
8	103384	Daniel Kojo Asare	Chief Training Officer	M	Consultants Services Workshop	GIMPA/World Bank	12 Days	27/7/2015	31/7/2015	"	-

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
1	912022	Eric Forson	Assistant Engineer	M	Refresher Course for Surveyors	GHIE	5 Days	27/7/2015	31/7/2015	"	
1	19554	Mohammed Alhassan	Senior Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
2	18122	Efua Duma Akwetea Mensah	Senior Engineer	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
3	18203	Albert Martey	Senior Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
4	136805	Felix Bakobie	Senior Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
5	18095	Castro Nyoagbe	Senior Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
6	83258	Kwame Boateng Amoako	Senior Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
7	18159	Paa Bruku Boateng	Senior Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
8	18186	Mohammed Abass	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
9	676876	Joseph Oppong	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
10	79096	Kwame Nimako Fenning	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
11	676878	Ronald ossei Akoto Offeh	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
12	643579	Kwadwo Asare Baffour	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
13	643653	Abraham Quansah	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
14	643722	Emmanuel Ameyaw	Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
15	18180	Patrick Amoah Bekoe	Assistant Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
16	80504	Ben Nelson Abledu K	Principal Quantity Surveyor	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
17	14383	Daniel Y. Babah	Senior Quantity Surveyor	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
18	18148	Theodora Quartey	Senior Quantity Surveyor	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
19	13786	Isaac Mensah	Senior Quantity Surveyor	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
20	61898	Moses Tawiah	Senior Quantity Surveyor	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
21	137040	Ibrahim Ahmed Seidu	Quantity Surveyor	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
22	41803	Bernard Amoah	Senior Technician Engineer(Mech)	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
23	533082	Emmanuel K. Yawson	Principal Technician Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
24	563252	Rosemond Kusi	Principal Technician Engineer	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
25	95115	Franklin Offei	Chief Technician Engineer	M	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
26	867538	Fofoh Vhernoungeh	Principal Internal Auditor	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
27	867573	Abenlema Nanabadwo Arthur	Assistant Internal Auditor	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
28	951	Abigail Shardow	Principal Executive Officer	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	
29	763465	Muniratu Karim	Stenographer Gd II	F	Accelerated Scheme of Service For Promotion	CSTC	1 Week	28/9/2015	2/10/2015	"	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
30	74026	Georgina Kwofie	Stenographer Secretary	F	Accelerated Scheme of Service For Promotion	CSTC	! Week	28/9/2015	2/10/2015	"	
31	65166	Josephine Asore	Principal Executive Officer	F	Accelerated Scheme of Service For Promotion	CSTC	! Week	28/9/2015	2/10/2015	"	
32	732458	Cynthia Addo Dombo	Principal Executive Officer	F	Accelerated Scheme of Service For Promotion	CSTC	! Week	28/9/2015	2/10/2015	"	
33	42275	Janet Appiah	Stenographer Secretary	F	Accelerated Scheme of Service For Promotion	CSTC	! Week	28/9/2015	2/10/2015	"	
34	723586	Regina Kpelonge	Stenographer Secretary	F	Accelerated Scheme of Service For Promotion	CSTC	! Week	28/9/2015	2/10/2015	"	
1	10511	John Obeng Asiedu	Chief Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	
2	98586	David Brobbey	Chief Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	
3	524946	Joseph Idun	Chief Quantity Surveyor	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	

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				M/F						GoG	DP
4	100925	Lawrence Abbew	Chief Quantity Surveyor	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	-
5	75023	Kwabena Omane Brimpong	Principal Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	-
6	80504	Ben Nelson Abledu K	Prin. Qty Surveyor	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	
7	18095	Castro Elorm Nyoagbe	Senior Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	
8	79096	Kwame Fenning Nimako	Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	
9	59108	Jonathan Ofosuhene	Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	
10	18180	Patrick Amoah Bekoe	Assistant Engineer	M	Project Planning and Management	GIMPA	2 Weeks	12/10/2015	23/10/2015	"	-
											-
1	33093	George Afful Aidoo	Director	M	16th ILO Seminar for Labour-Based Practitioners	Min. of Public Wks & Transp. Benin	5 Days	26/10/2015	30/10/2015	"	
2	10511	John Obeng Asiedu	Chief Engineer	M	16th ILO Seminar for Labour-Based Practitioners	Min. of Public Wks & Transp. Benin	5 Days	26/10/2015	30/10/2015	"	

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S/ No.	STAFF No.	Name of Officer	Grade	Sex	Course of Study	Institution	Durati on	Start Date	End Date	Funding	
				M/F						GoG	DP
1	71637	Dr. Osarfo Ampadu	Chief Engineer	M	Fidic Conditions of Contract Module 3 &4	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
2	80837	Derek Boakye-Yiadom	Chief Engineer	M	Fidic Conditions of Contract Module 3 &5	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
3	10790	Bernard Badu	Chief Engineer	M	Fidic Conditions of Contract Module 3 &6	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
4	65992	Roosevelt Odai Otoo	Chief Engineer	M	Fidic Conditions of Contract Module 3 &7	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
5	45942	Dr. Charles Afetornu	Chief Qty Surveyor	M	Fidic Conditions of Contract Module 3 &8	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
6	80402	K. N. Akorsah Koduah	Chief Engineer	M	Fidic Conditions of Contract Module 3 &9	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
7	98586	David Brobbey	Chief Engineer	M	Fidic Conditions of Contract Module 3 &10	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
8	18122	Efua Akwetea-Mensah	Senior Engineer	M	Fidic Conditions of Contract Module 3 &11	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	
9	79096	Kwame Fenning Nimako	Engineer	M	Fidic Conditions of Contract Module 3 &12	Ghana Consulting Engineers	4 Days	9/11/2015	12/11/2015	"	

CHAPTER EIGHT: CHALLENGES AND THE WAY FORWARD

The Department performed creditably during the year under review. However, it faces internal and external challenges. Some of the challenges and proffered solutions are as follows:

8.1 Challenges

- Inadequate contractor capacity
- Inadequate supply of quarry products in some regions
- Contractors obsolete plants and equipment
- Delay in the payment of works done
- Delay in replenishment of seed money for LBT Contracts
- Delay by the Regional Tender Review Boards in giving concurrent approval
- Inadequate consultants' capacity
- Difficulty of contractors in accessing credit and high cost of capital
- Inadequate project preparation, supervision and monitoring of contracts due to low staffing levels and logistical support, especially, supervision vehicles

8.2 Way Forward

- Decentralization

The realignment of the department to conform to the decentralization process is in progress. Under the realignment DFR's district staff will become part of the Local Government Service. DFR will then be responsible for planning, monitoring and provision of technical services for the MMDAs and MDAs.

DFR will have implementation functions of projects of national and strategic character.

- Capacity building for Contractors/Consultants
- Increasing the use of Labour Based Technology for road works
- Alternate source of funding to improve the payment regime
- Timely payment for works done
- The use of the Otta Seal and alternative technologies for road surfacing
- Training of Contractors, Consultants and DFR staff

- Adequate time should be given to project preparation, supervision and monitoring with improved logistical support
- Stringent enforcement of contract conditions
- Introduction of sanctions (e.g. punitive measures, blacklisting etc.) for non-performance contractors and consultants
- Limit contractors to contiguous regions