

GOVERNMENT OF THE REPUBLIC OF GHANA



REPUBLIC OF GHANA

MINISTRY OF ROADS AND HIGHWAYS

Department of Feeder Roads

FINAL REPORT

ABBREVIATED RESETTLEMENT ACTION PLAN

(ARAP)

TRANSPORT SECTOR PROJECT (TSP)

(YEAR 2 PROJECTS)

NOVEMBER 2012

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1.0 INTRODUCTION

The Government of Ghana is being assisted by the World Bank (WB) to alleviate most of the surface inaccessibility problems associated with a network of feeder roads and partially degraded bituminous roads. The most significant problems associated with these deplorable network of roads, are: poor nature and quality leading to very uncomfortable bumpy rides and motoring experience; structurally poor quality bridges at crossing points of streams and rivers; dusty access conditions during dry periods; unacceptable geometric alignments with physical features such as sharp horizontal and vertical curves; poor sight distances; inadequate right-of-way width spacing (unengineered nature resulting in geometric design deficiencies hampering traffic movement and compromising safety).

2.0 BACKGROUND

The Department of Feeder Roads of the Ministry of Roads and Highways has been allocated funds as part of its budgetary allocation to cover the cost of Transport Sector Project (TSP) and intends to apply part of this fund to cover eligible payments under the contract for the Surfacing, Rehabilitation and Spot Improvement of selected feeder roads in the Volta and Central Regions of Ghana.

Under the Road Sector Development Programme (RSDP), the Department of Feeder Roads (DFR) of the Ministry of Roads and Highways is undertaking the bitumen surfacing, rehabilitation spot improvement of some feeder roads mostly in the farming communities.

The selected candidate roads in the Volta and Central Regions originally formed part of the Millennium Challenge Account (MCA) Intervention Project which could not be undertaken due to financial constraints. As a result, some of these project roads have been financed through USAID Intervention and constructed to the basement level requiring bituminous surfacing for completion.

Others, on the other hand, are farm tracks requiring various degrees of intervention levels to operationalize them for effective usage.

Prior to WB Intervention a resettlement/displacement assessment field survey of the selected candidate roads has emerged which call for development of a resettlement action plan packaging for identified project-affected-persons and their affected properties.

However, a Resettlement Policy Framework (RPF) was prepared for the Road Sector of the Transport Sector Development Program by the then Ministry of Transportation in the year 2007 which was approved by the World Bank. The issues highlighted in the RPF include Operational Procedures, Legal Framework, Institutional Framework, Assessment of Project Affected Persons (PAPs), Organisational Procedures for Delivery of Entitlement, Valuation Procedures, Source of Funding, Consultation & Participation, Monitoring & Evaluation and Disclosure of Social Safeguards Instruments.

An Abbreviated Resettlement Action Plan (ARAP) is prepared based on the RPF for the spot improvement, rehabilitation and bitumen surfacing of roads in the Volta and Central Regions.

3.0 OBJECTIVES OF ASSIGNMENT

The main objectives of the Abbreviated Resettlement Action Plan (ARAP) development are:

- To prevent or at least mitigate the adverse impacts associated with the implementation of the roads project;
- To deliver the entitlements to the PAP's (project-affected-persons) and support the restoration of their livelihoods, in line with the 2007 Resettlement Policy Framework (RPF) of the Ministry of Transport (MoT) and World Bank OP 4.12;
- To maximize the involvement of the PAPs in all stages of the implementation of the ARAP;
- To ensure that the standard of living of PAPs is improved or at least restored;
- To conceive of and execute compensation activities in a socially responsible manner as sustainable development program.

4.0 PROJECT AFFECTED PERSONS/PROPERTIES

A project-affected person (PAP) is a person whose property or activity falls within the Right-Of-Way (ROW) of the feeder roads.

Properties identified to be affected by the construction works are mostly farms (which include teak, pineapple, cassava and palm trees) and nine structures (which is made up of seven thatched structures built of clay with bamboo sticks, one 2-room sandcrete block building and one uncompleted sandcrete block structure of height 0.8m above ground level).

Persons eligible for compensations are owners of properties (farms and structures) that will be affected by the construction works.

5.0 STUDY AREA BOUNDARY

The Project study area covers four districts/municipalities in the Volta Region and two districts / municipalities in the Central Region. They are North Dayi, Hohoe, South Tongu & North Tongu in the Volta Region and Effutu & Awutu/Senya in the Central Region.

6.0 APPROACH, METHODOLOGY AND WORK PROGRAM

6.1 Study Approach

The study approach involved the adoption of task specific assignments and activities such as:

- Field Inspections and Trekking;
- PAP Asset Identification and Inventory;
- Project Communities Physical Infrastructure Identification and Inventory.
- Stakeholders Participatory Program Assessment;

- Primary Data Collection;
- Data Collation and Analysis;

6.2 Study Methodology by Tasks

- **Field Inspections and Trekking**

Critical observations were made to confirm and establish the existence of resettlement/dislocation issues of concern within the project zone of influence. Such issues and conditions are very likely to develop from the proposed project implementation.

Through field inspection and trekking, data was collected and compiled, in order to identify significant triggers and drivers of resettlement, dislocation and displacement effects, which will lead to the development of an ARAP documentation.

- **PAP Asset Identification and Inventory**

In establishing the extent of PAP's losses, an asset inventory and identification have been recorded. Inventory details of assets which will be partly or completely demolished or will need to be relocated were taken. Ownership information was also established.

- **Project Communities Physical Infrastructure Identification and Inventory**

Critical attention was paid to project communities' physical infrastructure affectation by the project. None of project community assets are likely to be affected by the Project.

- **Stakeholders Participatory Program Assessment**

Consultations were carried out with some of the stakeholders which have brought out peoples' views and perceptions about the project. Community leaders expressed their concern about the construction works and requested that they are informed when construction works are about to begin. They also requested that labourers for the construction works be employed from their communities to alleviate poverty in these communities.

- **Primary Data Collection**

Primary data collection involved the combination of observation studies and measuring tape to measure right-of-way width of carriageway to establish extent of PAPs assets displacement, in-depth field inventory taking and assessment and interviews with individual project residents.

- **Data Collation and Analysis**

The quantitative data from the field inventory were manually analyzed. Assets of PAPs were photographed and the respective chainages established to make location of PAPs easier at a later date. Connecting PAPs to specific assets were also noted.

6.3 Field Data Collection and Findings

Field Data Collection

All relevant resettlement issues and conditions very likely to emanate from the Project implementation process have been observed and recorded through field inspections and trekking. Such field data has been collected and compiled (see Table 1.0).

Table 1.0 - Field Data Collection Profile for Selected Project Roads

Region	District/ Municipal	Road Name	Length (km)	Proposed Intervention
Volta	North Dayi	Kpando – Alavanyo Kpeme	15.86	Rehabilitation
Volta	North Dayi	Nkonya - GbiWegbe	15.86	Rehabilitation
Volta	Hohoe	Tafi Atome Jn–Vakpo Fuh–Tafi Abuife	11.20	Rehabilitation
Volta	Hohoe	Logba Alakpeti – Tafi Atome – Aveti	11.20	Surfacing
Volta	Hohoe	Aveti – Anfoega – Akukome	11.20	Surfacing
Volta	South Tongu	Tordzinu Jn- Dokploame	10.30	Rehabilitation
Volta	South Tongu	Dabala Jn- Dokploame	13.20	Rehabilitation
Volta	South Tongu	Dalive – Agortaga	9.00	Surfacing
Volta	North Tongu	Lawekope – Aveyime Jn	3.00	Rehabilitation
Volta	North Tongu	Dove Jn – Dove – Aveyime Jn	18.40	Surfacing
Volta	North Tongu	Dove Jn – Mepe	9.00	Surfacing

Region	District/ Municipal	Road Name	Length (km)	Proposed Intervention
Central	Efutu	Sankor – Kweikrom – Ojobi - Akoti	18.1	Surfacing
Central	Awutu Senya	Bawjiase – Aponkye Akura (Kwasi Adre)	6.0	Rehabilitation
Central	Awutu Senya	Bawjiase – Ayensu Ako	7.8	Rehabilitation
Central	Awutu Senya	Bawjiase – Amontrom (Congo) Jatokura	2.3	Rehabilitation
Central	Awutu Senya	Ahentia – Busumabra Jn - Kweikrom	6.3	Rehabilitation
Central	Awutu Senya	Adawukwa – Ofadjator – Honi	3.4	Surfacing
Central	Awutu Senya	Bewuanum - Adawukwa	9.5	Rehabilitation
Central	Awutu Senya	Bontrase - Desum	4.7	Surfacing
Central	Awutu Senya	Olotom – Papaase No. 1	6.40	Spot Improvement
Central	Awutu Senya	Jej Krodua – Kwao Bonzie	3.30	Rehabilitation

Field Study Findings

Table 2.0 highlights the profile of project roads with or without resettlement issues to be addressed.

Table 2.0 - Profile of Project Roads Depicting RAP Issues Status

Nº	Region	District/ Municipal	Project Name	RAP Issues Status (Yes/No)	Observation	Comments
1	Volta	North Dayi	Rehabilitation of Kpando – Alavanyo Kpeme Feeder Road (15.86km)	No	No assets within the ROW	Road being rehabilitated under USAID
2	Volta	North Dayi	Rehabilitation of Nkonya – Gbi Wegbe Feeder Road (15.8km)	No	Maize farm @ km 2+100 but these will be harvested before construction begins	Maize will be harvested by September 2012 i.e. before construction starts so the farmers were asked not to re-plant on the roadway.
3	Volta	Hohoe	Rehabilitation of Tafi Atome Jn – Vakpo Fuh – Tafi Abuife Feeder Road (11.2km)	No	No assets within the ROW	Road being rehabilitated under USAID
4	Volta	Hohoe	Surfacing of Logba Alakpeti – Tafi Atome – Aveti Feeder Road (11.2km)	No	No assets within the ROW	
5	Volta	Hohoe	Surfacing of Aveti – Anfoega – Akukome Feeder Road (11.2km)	Yes	The following will be affected (i) 20No. palm trees between km 4+900 and 5+300 (ii) 45No. Teak tress between km 6+700 and 6+900	Farm owners have been identified and crops valued for compensation payments

Nº	Region	District/ Municipal	Project Name	RAP Issues Status (Yes/No)	Observation	Comments
6	Volta	South Tongu	Rehabilitation of Tordzinu Jn – Dokploame Feeder Road (10.3km)	No	No assets within the ROW.	
7	Volta	South Tongu	Rehabilitation of Dabala Jn – Dokploame Feeder Road (13.2km)	No	(i) Maize farms between km 2+200 - 2+800, 4+000 - 4+200, 8+500 - 8+600, 10+700 & 11+400 (ii) Pepper farms between km 3+600 - 3+800 & 5+600	Both maize & pepper will be harvested by October 2012 i.e. before construction starts so the farmers were asked not to re-plant on the roadway.
8	Volta	South Tongu	Surfacing of Dalive – Agortaga Feeder Road (9.00km)	No	No assets within the ROW.	
9	Volta	North Tongu	Rehabilitation of Lawekope – Aveyime Jn. Feeder Road (3.0km)	No	No assets within the ROW.	
10	Volta	North Tongu	Surfacing of Dove Jn – Dove – Aveyime Jn feeder Road (18.4km)	No	No assets within the ROW.	
11	Volta	North Tongu	Surfacing of Dove Jn – Mepe Feeder Road (9.0km)	No	No assets within the ROW.	

Nº	Region	District/ Municipal	Road Name	RAP Issues Status (Yes/No)	Observation	Comments
1	Central	Efutu	Surfacing of Sankor – Kweikrom – Ojobi – Akoti (18.1km)	No	No assets within ROW	Project covers only 5km, however this RAP covers the entire length of 18.4km
2	Central	Awutu Senya	Rehabilitation of Bawjiase – Aponkye Akura (Kwesi Adre) (6.0km)	Yes	The following will be affected (i) Thatched house extension (single room, 2mx3m) @ km 5+300 have to be removed. (ii) Thatched kitchen @ km 5+350 have to be removed. (iii) 35No. Plantain trees between km0+400 – 0+450, 1+200 – 1+250, 5+100 – 5+200 (iv) 5No. Coconut trees @ km 1+300 (v) 1No.Palm tree @ km 3+100 (vi) 20No. Pawpaw trees between km 3+100 – 3+200 11No. Orange trees between km 5+100 – 5+200	Property owners have been identified and property/crops valued for compensation payments

N^o	Region	District/ Municipal	Road Name	RAP Issues Status (Yes/No)	Observation	Comments
3	Central	Awutu Senya	Rehabilitation of Bawjiase Ayensu Ako (7.8km)	No	No assets within ROW	
4	Central	Awutu Senya	Rehabilitation of Bawjiase – Amonrom (Congo) Jatokura (2.3km)	Yes	14No. plantain trees between km 1+900 – 2+300 4No. Palm trees between km 2+100 – 2+300 6No. Coconut trees between km 1+800 – 1+950	Property owners have been identified and property/crops valued for compensation payments
5	Central	Awutu Senya	Rehabilitation of Ahentia – Busumabra Jn – Kweikrom (6.3km)	Yes	(i) 1No. Thatched house @ km 2+400, 6.3mx3.6m need to be removed (ii) Maize & Cassava farms between km 2+800 - 3+700	Property owners have been identified and property/crops valued for compensation payments Maize will be harvested by October 2012 i.e. before construction starts so the farmers were asked not to re- plant on the roadway. The cassava farmers requested that their crops be considered for compensation if not harvested by time of clearing.
6	Central	Awutu Senya	Surfacing of Adawukwa – Ofadjator – Honi (3.4km)	Yes	2No thatched structures @ km 0+050 need to be removed for safety of occupants	Property owners have been identified and property valued for compensation payments

N^o	Region	District/ Municipal	Road Name	RAP Issues Status (Yes/No)	Observation	Comments
7	Central	Awutu Senya	Rehabilitation of Bewuanum – Adawukwa (9.5km)	No	Maize & Cassava farms @ km 3+400 & 4+600	Both maize & cassava will be harvested by October 2012 i.e. before construction starts so the farmers were asked not to re-plant on the roadway.
8	Central	Awutu Senya	Surfacing of Bontrase – Desum (4.7km)	No	Maize & Cassava farms between km 1+000 & 2+000 & 3+800	Both maize & cassava will be harvested by October 2012 i.e. before construction starts so the farmers were asked not to re-plant on the roadway.
9	Central	Awutu Senya	Spot Improvement of Papaase N ^o 1 – Odotom (10.0km)	Yes	(i) 1No. Thatched house @ km 2+100, 3mx5m need to be removed (ii) Pineapple plantation on the LHS between km 0+600 - 0+700; Area 30mx2m (iii) Maize & Cassava farms @ km 1+000, 3+800 - 3+900, 5+100, 5+800 - 6+400	Property owners have been identified and property/crops valued for compensation payments Both maize & cassava will be harvested by October 2012 i.e. before construction starts so the farmers were asked not to re-plant on the roadway.
10	Central	Awutu Senya	Rehabilitation of Kwao Bonzie – Larbie – Jei Krodua (3.4km)	Yes	Maize farms @ km 1+100 1No. Thatched house, (3.9mx3.5m), 1No. 2-room sandcrete block house (7.5mx4m) & 1No. Uncompleted sandcrete block structure height 0.8m above ground level @ km 0.050 need to be removed	Maize will be harvested by October 2012 i.e. before construction starts so the farmers were asked not to re-plant on the roadway. Property owners have been identified and property/crops valued for compensation payments

7.0 ELIGIBILITY CRITERIA

Any person who suffers loss of or damage to an asset or loss of access to productive resources, as a result of the carrying out of any of the road projects under the TSP will be considered eligible for compensation and or resettlement assistance, provided the damage or loss is induced by the project and the person identified by the cut-off date. The cut-off dates are as follows:

<u>Region</u>	<u>Road Name</u>	<u>Cut-off Date</u>
Volta	Kpando – Alavanyo Kpeme	22/06/2012
Volta	Nkonya - GbiWegbe	15/08/2012
Volta	Tafi Atome Jn–Vakpo Fuh–Tafi Abuife	22/06/2012
Volta	Logba Alakpeti – Tafi Atome – Aveti	22/06/2012
Volta	Aveti – Anfoega – Akukome	15/08/2012
Volta	Tordzinu Jn- Dokploame	22/06/2012
Volta	Dabala Jn- Dokploame	07/08/2012
Volta	Dalive – Agortaga	22/06/2012
Volta	Lawekope – Aveyime Jn	22/06/2012
Volta	Dove Jn – Dove – Aveyime Jn	22/06/2012
Volta	Dove Jn – Mepe	22/06/2012
Central	Sankor – Kweikrom – Ojobi - Akoti	22/06/2012
Central	Bawjiase – Aponkye Akura (Kwasi Adre)	17/09/2012
Central	Bawjiase – Ayensu Ako	22/06/2012
Central	Bawjiase – Amontrom (Congo) Jatokura	29/11/2012
Central	Ahentia – Busumabra Jn - Kweikrom	24/07/2012
Central	Adawukwa – Ofadjator – Honi	24/07/2012
Central	Bewuanum - Adawukwa	07/09/2012
Central	Bontrase - Desum	24/07/2012
Central	Olotom – Papaase No. 1	07/09/2012
Central	Jej Krodua – Kwao Bonzie	21/11/2012

8.0 VALUATION PROCESS

DFR does not have a Valuation Unit and depends on Consultants and/ or the Land Valuation Board (LVB) directly. Key points which the valuation will take care of are as follows:

- i. Collection of all relevant primary and secondary data on the affected property during final detailed valuation inspection and referencing to serve as basis for assessment of loss;
- ii. A comprehensive primary database for monitoring, evaluation and audit.

Some relevant data to be captured by the valuers will be:

- i. Land
 - Capture location details of the land
 - Identify the boundaries of the area/section of the land to be affected.

- Take detailed measurement of the land area to be affected along the affected boundaries.
- ii. Buildings (Immovable Structures)
 - Photograph all affected immovable properties – Detailed internal measurement of buildings will be done
 - Collate property details which will include noting affected accommodation details, constructional details of affected parts and external works (fence walls, gates, pavements) affected owner’s details etc.
- iii. Crops

During the inspection and enumeration exercise details such as type, age, stage of growth size of farm (or number of crops for isolated economic/perennial trees) nature of farm etc. are captured.
- iv. Temporary Structures (Movable Properties)

Collate data on temporary structures by categorizing temporary structures based on constructional details (wall materials, affixed to concrete slabs or not), size of structure and use of structure (business/residential) and type of business.

Project affected persons will be identified by the types of losses they suffer or the impact of the project on them. Project personnel will determine specific losses or impacts to reflect the exact nature of loss whether visible and tangible or intangible and categorize into the following losses:-

- Physical loss of assets which will be determined by assessing the interest or right to ownership, occupation and possession;
- Loss of income, loss of livelihood and opportunities to employment;
- Impacts arising from disturbance/disruptions

For affected thatched properties, photographs and detailed measurement of buildings were taken.

For Crops, inspection and enumeration exercise details such type and size of farm (or number of crops for isolated economic/perennial trees), nature of farm etc were captured.

The Basis and Method of Valuation

The basis of valuation would comply with the stated legal provisions and this necessitates that the basis of valuation must assess the “Open Market Capital Value”. The methods for valuation for the various losses anticipated under this RAP are presented in Table 3.

Table 3: Method of Valuation

Type of Loss	Method of Valuation	Basis
- Loss of Buildings and Other Civil Works	Replacement Cost Method or Comparative Sales Method (which ever gives a commensurate value)	Full replacement cost value as if new – recent construction cost rates, taking into account market values for assets and materials - Mutual negotiation for the affected thatched rooms or kitchen.
- Loss of Trees, Perennial Crops, Food Crops	Comparative Sales Method/ Replacement Cost Method	Based on going market rates - Mutual negotiation method

Type of Loss	Method of Valuation	<i>Basis</i>
		based on on-going market rates as well as Ministry of Food and Agriculture rates for the affected crops.

9.0 DELIVERY OF COMPENSATION

The procedure for delivery of entitlements will be carried out as indicated below. DFR will ensure that:

- i. Full payment of compensation is done before possession of acquired sites;
- ii. DFR formally makes an offer to affected persons and allow persons to accept or reject offer, offer a counter claim and seek redress under the grievance procedures established;
- iii. Payments are made to the affected person personally by the contractors to execute the works in the presence of a DFR representative and an independent witness of the affected person/opinion leader;
- iv. Proper receipts are issued and copies given to the affected person and the Accounts Department of DFR;
- v. Comprehensive reports on payment made are submitted for review by Management of the DFR

Table 4: Entitlement Matrix

Types of Loss	Eligibility Criteria	Entitlement
Loss of Land (Urban or Rural)	Various interest and rights – allodial title holder, freeholder, leaseholder, tenant, licensee	Compensation – Capital Market Value of Asset
Loss of Structure	Various interest and rights – freeholder, leaseholder	Compensation – Capital Market Value of Asset
Business Losses		Supplementary Assistance based:-
- Loss of business income	- Business owner/operator	- average net monthly profit;
- Loss of business goodwill	- Business owner/operator	- monthly rent passing;
- Loss of rented income	- Landlord/Leaser	- equivalent of rent advance to be refunded
- Loss of wage income	- Business employees/attendants	- monthly wages earned;
- Loss of fees from trainees/apprentices	- Trainer/Person offering apprenticeship job training	- training fees to be refunded Calculated for a specific period taking into consideration reinstatement period.
Loss of Business, Residential or Industrial Accommodation or Room	- Residential/Commercial/Industrial Tenant - Owner of building during the reinstatement period	Supplementary Assistance based:- - comparable open market rent for alternative accommodation based on specific period (reinstatement period); and - transportation rates for the transfer of chattels or movable properties
Loss of location for temporary structure: - expense for moving structure - Loss of utility service line	Owner of temporary structure Squatters	Supplementary Assistance based on : - transportation rates for the transfer of structure - Disconnection of utility service lines at old site - Reconnection of utility service lines at new
Loss of training or apprenticeship	- Apprentice/Trainee	Comparable fees for alternative training
- Loss of economic or perennial trees - Loss of food crops - Loss of grazing land	Various rights and interest holders –Sharecroppers, Licensees, Lessees	Open Market Value for assessed crops/plants

10.0 GRIEVANCE REDRESS MECHANISMS

The Ministry of Roads and Highways shall be responsive to the concerns of the people affected by the project as it recognizes that, unsatisfactory handling of the effects of developmental projects may lead to upheavals and social discontent, which may trigger negative public reactions, thereby affecting project implementation. Both formal and informal dispute resolution mechanisms will be employed.

Usually, disputes from PAPs relate to physical counts of crops to be affected and in the case of structures, the extent of impact. In some cases the concerns are about inadequacy of compensation or the implementation of the resettlement plans.

Complaints may first be lodged with the grievance committees (GC.) which will be set up by DFR by the 2nd January, 2013 and this committee will be made up of at least one PAP and the Assemblyman of the PAPs' community. If the GC's are unable to address the concerns (or the affected persons decide not to use the GC's) a formal report may be made to the Regional Manager of Department of Feeder Roads, through the DFR Area Engineer at the District/Municipal Assembly Office either by the PAP or his/her representative in writing.

If the PAP is dissatisfied with the solution provided at that level he/she may seek redress at the Commission for Human Rights and Administrative Justice (CHRAJ) or the Court. The 1992 Constitution and the State Lands Act allow for the right of access to the High Court by any person who has an interest or right over any property.

11.0 PUBLIC AND COMMUNITY CONSULTATIONS

Public/community consultations were carried out as critical form of resettlement / displacement education through awareness creation.

Table 5.0 discloses the various public and community consultations carried out as individual consultations for the field studies.

Table 5.0 - Profile of Individual Consultations

Date	Location	Consultees	Position	District / Municipal
26/04/2012	Sogakope	Felix K Atta	Dep. Coord. Acting DCE	South Tongu
27/04/2012	Sogakope	Anthony Dogbatse	Estate Officer	South Tongu
27/04/2012	Adidome	Eli Tsikata	Dist. Coord. Director	North Tongu
27/04/2012	Adidome	C. K. Nutsiakpee	Station Master (Main Lorry Station)	North Tongu

Date	Location	Consultees	Position	District / Municipal
28/04/2012	Hohoe	Dakpo Humphrey	Taxi Union Station Secretary	Hohoe
29/04/2012	Kpando	John Owusu Boateng	Highway Engineer Justmoh Construction Limited	North Dayi
17/05/2012	Bewuanum	Adwoa Korkorei	Farmer	Awutu Senya
17/05/2012	Adawukwa	Kwaku Azialekor	Taxi Driver	Awutu Senya
17/05/2012	Adawukwa	James Annor	Taxi Driver	Awutu Senya
17/05/2012	Jei Krodua	Alex Yeboah	Electrician	Awutu Senya
17/05/2012	Papaase №1	Kwaku Darko	Volunteer/Community Activists	Awutu Senya
17/05/2012	Papaase №1	Kwao Tawiah	Motorcycle Rider/Okada	Awutu Senya
17/05/2012	Papaase №1	Pakona Kombateh	Motorcycle Rider/Okada	Awutu Senya
17/05/2012	Odotom	Comfort Wetty	Trader	Awutu Senya
17/05/2012	Odotom	Charlotte Quaye	Trader	Awutu Senya

Table 6.0 - Community Consultations

Date	Road	Location	District / Municipal	Contact Person & Position
15/08/2012	Nkonya – Gbi Wegbe	Alavanyo	Hohoe	Asigbetse Josephine, Assemblywoman of Alavanyo-Kpeme
07/08/2012	Dabala Jnc. – Dokploame	Awuyakope	South Tongu	Aguadze Cephas, Assemblyman
07/08/2012	Dabala Jnc. – Dokploame	Dokploame	South Tongu	Aguadze Cephas, Assemblyman
07/08/2012	Dabala Jnc. – Dokploame	Ahilihakpe	South Tongu	Aguadze Cephas, Assemblyman
24/07/2012	Adawukwa – Afadjato – Honi	Adawukwa Chief's palace	Awutu Senya	Kojo Boah, Assemblyman
15/08/2012	Aveti – Anfoega – Akukome	Wademaxe	Hohoe	Dzeble Noah Mawusi, Assembly member
17/09/2012	Bawjiase – Aponkye Akura	Okwampa & Kwesi Adre Villages	Awutu Senya West	Joseph Adikah, Assemblyman of Ayensuako
24/07/2012	Ahentia – Bosomabra	Bosomabra Village	Awutu Senya West	Yaovi Francis, Assemblyman
24/07/2012	Bontrase – Desum	Bontrase Community	Awutu Senya West	H. A. Donkoh' Assemblyman
07/09/2012	Adawukwa – Bewuenum	Bewuenum Village	Awutu Senya West	Malik Odai, Assemblyman
07/09/2012	Adawukwa – Bewuenum	Mampong Communities	Awutu Senya West	Malik Odai, Assemblyman
07/09/2012	Odotom – Papaase No. 1	Kweikrom Village	Awutu Senya West	Christopher Awogah, Assemblyman
29/11/2012	Bawjiase – Amontrom (Congo) – Jatokura	Jatokura Village	Awutu Senya West	Ishmael Ponku, Assemblyman
21/11/2012	Jeï Krodua – Larbie – Kwao Bonzie	Kwao Bonzie Village	Awutu Senya West	Nicholas R. Nutsugah, Assemblyman

12.0 MONITORING

Monitoring of the resettlement operations will be undertaken by the Ministry of Roads and Highways and DFR during the construction and defect liability period. Monitoring and evaluation will be a continuous process and will include internal and external monitoring.

Internal monitoring of the compensation will be undertaken by the Ministry of Roads and Highways and in particular, the Department of Feeder Roads. The day-to-day field supervision will be conducted by the Environmental Officer and the Supervision Consultants and will be captured in a progress reports which will be subject to review by the MRH Deputy Director in charge of Environmental and Social issues.

The Ministry of Roads and Highways (MRH) will continuously take stock of all compensation reports and discuss them on regular basis. DFR will produce a quarterly report for the ministry. Cost of monitoring will be taken care of by DFR.

13.0 BUDGET

The total cost compensation is Gh¢ 38,745.11 and it is made up of payments for both structures and crops. A total of 26 farmers are due for compensation with the cost of Gh¢ 4,345.11. 9No. structures comprising 1No. sandcrete uncompleted building, 1No. sandcrete uncompleted building and 7No. thatched structures will be affected by the project and the total cost for replacing them is Gh¢ 34,400.00, see tables 7 and 8 for an overview and appendices 1 and 2 for details. Times for payment of compensations are also indicated in tables 7 and 8.

14.0 DISCLOSURE OF SOCIAL SAFEGUARDS INSTRUMENTS

The Department of Feeder Roads will disclose this Abbreviated Resettlement Action Plan by making copies available at its head office and its Central and Volta Regional offices. Copies will also be made available to the project District Assemblies. The Government of Ghana will also authorize the World Bank to disclose this ARAP electronically through its InfoShop

Table 7: Affected Structures

Region	Project	Road Name	Property	Basis for evaluation	Value	Allocation in Contract	Time for Valuation	Time for Payment	Remarks
Central	Surfacing Of Adawukwa - Afadjato - Honi F/Rd	Adawukwa - Afadjato - Honi F/Rd	2No. Thatched houses	Voluntary Negotiated Agreement	8,000.00	20,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
Central	Rehabilitation Of Ahentia - Bosomabra F/Rd	Ahentia - Bosomabra F/Rd	Thatched house	Voluntary Negotiated Agreement	4,000.00	10,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
Central	Spot Improvement Of Olotom - Papaase No.1 F/Rd	Olotom - Papaase No.1 F/Rd	Thatched house	Voluntary Negotiated Agreement	3,000.00	10,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
Central	Rehabilitation Of Bawjiase - Aponkye Akura	Bawjiase - Aponkye Akura	Thatched kitchen & Extension of a Thatched house	Voluntary Negotiated Agreement	400.00	10,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
Central	Rehabilitation Of Jei Krodua - Kwao Bonzie F/Rd	Jei Krodua - Kwao Bonzie	1No. Thatched house, 1No. 2-room block house & 1No. Uncompleted block structure	Voluntary Negotiated Agreement	19,000.00	20,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
TOTAL					34,400.00	70,000.00			

Table 8: Affected Farmers to lose some crops

Region	Project	No. of Farmers	Basis for evaluation	Value	Amt in Contract	Time for Valuation	Time for Payment	Remarks
Volta	Surfacing Of Aveti - Anfoega - Akukome F/Rd. (11.2km)	4	Voluntary Negotiated Agreement	570.00	20,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
Central	Rehabilitation Of Ahentia - Bosomabra F/Rd	7	Voluntary Negotiated Agreement	2,092.11	10,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	Payment for the cassava will be on condition that they are not harvested by the time of clearing
	Spot Improvement Of Olotom - Papaase No.1 F/Rd	1	Voluntary Negotiated Agreement	750.00	10,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
	Rehabilitation Of Bawjiase - Aponkye Akura	7	Voluntary Negotiated Agreement	743.00	10,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
	Rehabilitation Of Bawjiase - Amontrom (Congo) - Jatokura F/Rd	7	Voluntary Negotiated Agreement	190.00	20,000.00	June – Nov 2012	3 rd -9 th Jan. 2013	
TOTAL		26		4,345.11	70,000.00			

APPENDIX 1: VOLTA REGION

ABBREVIATED RESETTLEMENT ACTION PLAN (ARAP) FOR VOLTA REGION

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	No.	Land Area	Land	Crops	Loss of Income	Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
SURFACING OF AVETI - ANFOEGA -AKUKOME F/RD. (11.2KM)	M. A.	Palm	9	0	0.00	6.00	0.00	54.00	0.00	0.00	54.00	
	K. A	Palm	8	0	0.00	6.00	0.00	48.00	0.00	0.00	48.00	
	A.	Palm	3	0	0.00	6.00	0.00	18.00	0.00	0.00	18.00	
	D. D.	Teak	45	0	0.00	10.00	0.00	450.00	0.00	0.00	450.00	
	TOTAL							570.00	0.00	0.00	570.00	
	COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)										20,000.00	

APPENDIX 2: CENTRAL REGION

RESETTLEMENT ACTION PLAN (RAP) FOR CENTRAL REGION

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	Size	Land Area	Land	Property	Loss of Income	Property	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
SURFACING OF ADAWUKWA - AFADJATO - HONI F/RD	K. A.	Thatched House	1	-	0.00	4,000.00	0.00	4,000.00	0.00	0.00	4,000.00	
	S. K. D.	Thatched House	1	-	0.00	4,000.00	0.00	4,000.00	0.00	0.00	4,000.00	
	TOTAL							8,000.00	0.00	0.00	8,000.00	
	COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)										20,000.00	

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	Size / No.	Land Area	Land	Property / Crops	Loss of Income	Property / Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
REHABILITATION OF AHENTIA - BOSOMABRA F/RD	D. L.	Thatched House	6.3m x 3.6m	-	0.00	4,000.00	0.00	4,000.00	0.00	0.00	4,000.00	Payment for the cassava will be on condition that they are not harvested by the time of clearing
	K. L.	Cassava	95	-	0.00	3.16	0.00	300.00	0.00	0.00	300.00	
	K. K.	Cassava	37.5	-	0.00	3.16	0.00	118.42	0.00	0.00	118.42	
	M. D.	Cassava	30	-	0.00	3.16	0.00	94.74	0.00	0.00	94.74	
	A. A.	Cassava	250	-	0.00	3.16	0.00	789.47	0.00	0.00	789.47	
	M. A.	Cassava	50	-	0.00	3.16	0.00	157.89	0.00	0.00	157.89	
	B. A.	Cassava	100	-	0.00	3.16	0.00	315.79	0.00	0.00	315.79	
	A. D.	Cassava	100	-	0.00	3.16	0.00	315.79	0.00	0.00	315.79	
	TOTAL							6,092.11	0.00	0.00	6,092.11	
COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)											20,000.00	

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	Size / No.	Land Area	Land	Property / Crops	Loss of Income	Property / Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
REHABILITATION OF BAWJIASE - APONKYE AKURA	M. D.	Plantain	7	-	0.00	9.00	0.00	63.00	0.00	0.00	63.00	
	K. A.	Plantain	10	-	0.00	9.00	0.00	90.00	0.00	0.00	90.00	
	D. T.	Young-Plantain	8	-	0.00	2.50	0.00	20.00	0.00	0.00	20.00	
	D. T.	Coconut	5	-	0.00	10.00	0.00	50.00	0.00	0.00	50.00	
	K. H.	Palm	1	-	0.00	10.00	0.00	10.00	0.00	0.00	10.00	
	S. G.	Pawpaw	20	-	0.00	10.00	0.00	200.00	0.00	0.00	200.00	
	P. V.	Plantain	10	-	0.00	9.00	0.00	90.00	0.00	0.00	90.00	
	J. O.	Orange	11	-	0.00	20.00	0.00	220.00	0.00	0.00	220.00	
	A. L.	Thatched house Extension	3mx2m	-	0.00	200.00	0.00	200.00	0.00	0.00	200.00	
	A. J/ N. A.	Thatched kitchen	3mx5m	-	0.00	200.00	0.00	200.00	0.00	0.00	200.00	
	TOTAL							1,143.00	0.00	0.00	1,143.00	
COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)											20,000.00	

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	Size / No.	Land Area	Land	Property / Crops	Loss of Income	Property / Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
SPOT IMPROVEMENT OF OLOTOM - PAPAASE NO.1 F/RD	J. E.	Pineapple	1500	-	0.00	0.50	0.00	750.00	0.00	0.00	750.00	
	D. P.	Thatched house	3mx5m	-	0.00	3,000.00	0.00	3,000.00	0.00	0.00	3,000.00	
	TOTAL							3,750.00	0.00	0.00	3,750.00	
COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)											20,000.00	

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	Size / No.	Land Area	Land	Property / Crops	Loss of Income	Property / Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
REHABILITATION OF BAWJIASE - AMONTROM (CONGO) - JATOKURA F/RD	R. S.	Plantain	6	-	0.00	5.00	0.00	30.00	0.00	0.00	30.00	
	K. G.	Palm	4	-	0.00	15.00	0.00	60.00	0.00	0.00	60.00	
	A. M.	Plantain	3	-	0.00	5.00	0.00	15.00	0.00	0.00	15.00	
	A. M.	Coconut	1	-	0.00	10.00	0.00	10.00	0.00	0.00	10.00	
	J. V.	Coconut	5	-	0.00	10.00	0.00	50.00	0.00	0.00	50.00	
	K. D.	Plantain	2	-	0.00	5.00	0.00	10.00	0.00	0.00	10.00	
	A. O.	Plantain	2	-	0.00	5.00	0.00	10.00	0.00	0.00	10.00	
	A. A.	Plantain	1	-	0.00	5.00	0.00	5.00	0.00	0.00	5.00	
	TOTAL							190.00	0.00	0.00	190.00	
	COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)										20,000.00	

Contract / Road Name	Name of Project Affected Person	Property Affected			Unit Cost (GHC)			Value (GHC)			Total Value	Remarks
		Type	Size / No.	Land Area	Land	Property / Crops	Loss of Income	Property / Crops	Land	Loss of Income		
A	B	C	D1	D2	E	F	G	I=D1*F	H=D2*E	J=D*G	J=H+I+J	
REHABILITATION OF JEI KRODUA - KWAO BONZIE F/RD	S. D.	Thatched house & uncompleted block house	3.9mx3.5m	-	0.00	7,000.00	0.00	7,000.00	0.00	0.00	7,000.00	
	J. A.	1No. 2-Room block house	7.5mx4m	-	0.00	12,000.00	0.00	12,000.00	0.00	0.00	12,000.00	
	TOTAL							19,000.00	0.00	0.00	19,000.00	
COMPENSATION AMOUNT ALLOCATED IN CONTRACT (BOQ)											20,000.00	

ATTACHMENT 1: SAMPLE COMPENSATION PAYMENT FORM

**DEPARTMENT OF FEEDER ROADS
TRANSPORT SECTOR PROJECT (TSP) – FIRST YEAR PROJECTS
COMPENSATION PAYMENT FORM**

Road Name	Property / Crop	Name of Property Owner	Amount Received GHC	Thumb Print / Signature of Recipient	Contact Number

WITNESSES

- | | | |
|----------|------------------------|-------|
| 1. _____ | _____ | _____ |
| 2. _____ | _____ | _____ |
| Name | Signature / Thumbprint | Date |

ATTACHMENT 2: PICTURES OF ROADS WITH RAP ISSUES



Thatched house on Ahentia – Bosomabra Road



Cassava Farms along Ahentia – Bosomabra Road



Structure on Odotom – Papaase No.1 F/Rd



Pineapple Farm on Odotom – Papaase No.1 F/Rd



Structure on Adawukwa – Afadjato – Honi F/Rd



Structure on Adawukwa – Afadjato – Honi F/Rd



Structure on Adawukwa – Afadjato – Honi F/Rd



Cassava farms along Bontrase – Desum F/Rd



Extended Thatched house on Bawjiase – Aponkye Akura Road



Thatched Kitchen on Bawjiase – Aponkye Akura Road



Coconut Tress along Bawjiase – Aponkye Akura Road



Pawpaw farm along Bawjiase – Aponkye Akura Road



Palm Tress along Bawjiase – Aponkye Akura Road



Orange Tress along Bawjiase – Aponkye Akura Road



Palm Trees along Bawjiase-Amontrom (Congo)-Jatokura



Block house on Jeikrodua – Larbie – Kwao Bonzie Road



Thatched house on Jeikrodua – Larbie – Kwao Bonzie Road



Teak Trees along Aveti – Anfoega – Akukome F/Rd



Palm Trees along Aveti – Anfoega – Akukome F/Rd

ATTACHMENT 3: PICTURES OF CUMMUNITY CONSULTATIONS



Meeting with PAPs and leaders at Adawukwa (Adawukwa – Afadjato – Honi F/Rd)



Meeting with PAPs and leaders at Bosomabra (Ahentia - Bosomabra F/Rd)



Meeting with PAPs and leaders at Aponkye Akura (Bawjiase – Aponkye Akura F/Rd)



Meeting with PAPs and leaders at Aponkye Akura (Bawjiase – Aponkye Akura F/Rd)



Meeting with PAPs and leaders at Bontrase (Bontrase – Desum F/Rd)



Meeting with PAPs and leaders at Kwao Bonzie (Jeikrodua – Larbie – Kwao Bonzie F/Rd)



Meeting with PAPs and leaders at Kwao Bonzie (Jeikrodua – Larbie – Kwao Bonzie F/Rd)



Meeting with PAPs and leaders at Ahilihakpe (Dabala Inc. – Dokploame F/Rd)



Meeting with PAPs and leaders at Amuyakope (Dabala Inc. – Dokploame F/Rd)



Meeting with PAPs and leaders at Dokploame (Dabala Inc. – Dokploame F/Rd)



Meeting with PAPs and leaders at Dokploame (Dabala Inc. – Dokploame F/Rd)



Meeting with PAPs and leaders at Alavanyo (Nkoyna – Gbi Wegbe F/Rd)



Meeting with PAPs and leaders at Alavanyo Kpeme (Nkoyna – Gbi Wegbe F/Rd)



Meeting with PAPs and leaders at Wademaxe (Aveti – Anfoega – Gbi Wegbe F/Rd)