

6.3 Soil Test Results

DETAILED ENGINEERING DESIGN OF WIDENING NEW BAGAMOYO ROAD																				
TP No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Location	0+700RHS	1+000LHS	1+500LHS	2+100LHS	2+500LHS	3+250LHS	3+750LHS	4+000LHS	4+500LHS	5+250LHS	5+500LHS	5+750LHS	6+000LHS	6+500LHS	7+250LHS	8+000LHS	8+500LHS	9+000LHS	9+500LHS	10+000LHS
Depth (CM) from GL	70 - 150	60 - 82	75 - 100	51 - 100	32 - 100	60 - 100	65 - 100	83 - 113	70 - 100	2 - 100	0 - 60	80 - 100	55 - 100	70 - 110	30 - 120	50 - 100	50 - 80	0 - 40	73 - 100	0 - 30
%PASSING SIEVE																				
AASHTO(mm)																				
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	99	92	100	99	100	94	100	100	98	100	98	100	100	99	100	100	100	100	100	100
14	99	91	100	98	100	90	98	98	98	100	98	100	100	99	100	100	100	100	100	100
9.5	97	90	100	97	99	89	97	96	98	100	97	100	100	99	100	100	100	100	100	100
6.3	96	89	100	96	99	87	95	93	97	100	97	100	100	99	100	100	100	100	100	100
4.75	95	88	100	95	99	86	95	92	97	100	97	100	100	99	100	100	100	100	100	100
2.000	93	86	100	94	99	84	93	90	96	99	95	100	100	98	97	99	99	98	100	98
1.18	91	83	97	91	97	81	89	86	95	96	93	97	96	95	93	95	91	90	99	97
0.600	62	54	64	69	74	57	71	56	78	74	71	78	83	79	59	57	47	47	58	88
0.0425	45	39	45	51	50	45	56	40	57	61	58	64	69	68	49	44	33	33	41	69
0.300	35	30	34	37	41	35	45	30	46	49	51	57	52	43	37	25	22	28	28	50
0.015	19	19	17	18	21	20	28	19	27	34	34	32	36	28	26	28	16	14	13	26
0.075	13	14	11	14	14	15	22	15	22	29	29	26	27	20	33	27	12	11	10	20
GM	1.5	1.6	1.4	1.4	1.4	1.6	1.3	1.6	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.3	1.6	1.6	1.5	1.1
ATTERBERG LIMITS																				
LL	20.1	22.2	23.2	26.3	22.2	21.8	25.4	21.8	23.0	28.4	31.4	27.6	26.2	25.0	23.8	27.5	23.4	32.4	23.4	43.7
PI	4.7	5.1	4.4	6.7	4.7	5.1	7.2	3.1	7.1	9.4	17.5	10.1	11.6	4.4	7.1	8.3	8.3	16.8	5.4	24.9
LS							2.9		3.6	5.7	9.3	6.4	5.7			3.2		7.9		12.1
Classif-AASHTO	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-6(2)	A-2-4(0)	A-2-6(0)	A-2-4(0)	A-2-4(0)	A-2-4(0)	A-2-4(1)	A-2-6(1)	A-2-4(0)	A-2-7(6)
MDD (kg/m ³)	2013	1960	2002	2013	1990	2044	2018	2028	2015	1965	1910	1958	2040	1844	2005	2010	2060	1970	2049	1928
Natural Moisture (%)	5.0	5.0	2.0	6.0	4.0	6.0	10.0	6.0	11.0	15.0	24.0	20.0	12.0	8.0	5.0	11.0	13.0	14.0	8.0	27.0
OMC (%)	8.4	9.2	6.8	9.8	7.0	8.6	8.9	9.5	9.1	9.0	15.2	11.6	8.6	15.6	9.8	10	8.1	11.4	8.8	12.2
Moulding MC	8.2	9	6.8	9.7	7.2	8.5	9.0	9.4	9.2	9.3	15.4	11.7	8.6	15.7	9.9	10.3	8.3	11.7	8.9	12.1
CBR@																				
90%MDD	2	12	13	1	3	3	3	3	2	1	4	3	2	2	3	2	6	5	4	2
93%MDD	2	15	17	1	4	6	3	4	3	1	4	4	3	3	4	3	8	6	4	2
95%MDD	3	18	21	2	6	12	4	5	4	1	5	6	3	3	5	3	9	7	5	3
98%MDD	4	22	25	3	16	23	6	10	6	2	7	9	5	4	7	8	11	9	9	5
Classif-PMDD	S3	S15	S15	S3	S3	S7	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	S7	S7	S3	S3

TP No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	Bunju A Sample 1	B/PIT Sample 2
Location	10+500LHS 80 - 100	11+000LHS 65 - 100	11+500LHS 20 - 100	12+000LHS 20 - 70	12+500LHS 80 - 100	13+000LHS 80 - 100	3+500LHS 75 - 100	4+000LHS 100 - 100	14+500LHS 5 - 100	15+000LHS 10 - 100	15+500LHS 60 - 80	16+000LHS 80 - 100	16+500LHS 20 - 100	17+000LHS 30 - 100		
Depth (cm) from GL																
%PASSING SIEVE																
AASHTO(mm)																
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	99	100	100	100	98	100	100	100	100	100	100	89	86
14	100	100	100	96	100	100	100	98	100	100	100	100	100	100	99	84
9.5	100	100	100	92	100	100	100	98	100	100	100	100	100	100	80	82
6.3	100	100	100	89	100	100	100	97	100	100	100	100	100	100	74	79
4.75	100	100	100	86	100	100	100	96	100	100	100	100	100	100	72	78
2.000	99	100	98	79	100	100	100	93	100	100	100	91	99	91	67	75
1.18	98	99	97	71	98	99	99	90	77	99	88	86	97	89	63	73
0.600	93	90	84	59	47	82	74	84	63	78	81	80	64	62	58	70
0.425	77	63	71	43	36	63	61	68	54	53	64	74	45	59	55	68
0.300	61	50	57	34	28	42	42	56	48	38	53	68	34	44	52	66
0.075	45	29	35	26	19	25	38	40	42	23	38	55	22	24	48	63
	41	22	30	25	17	23	23	35	40	18	34	49	19	21	47	62
GM	0.8	1.1	1.0	1.5	1.5	1.1	1.2	1.0	1.1	1.3	1.1	0.9	1.4	1.3	1.3	0.9
ATTEBERG LIMITS																
LL	25.5	26.0	30.2	26.2	22.8	20.6	37.6	39.0	40.8	23.0	25.6	27.5	24.0	24.2	31.2	26.6
PI	6.7	8.2	9.4	4.9	4.9	3.5	17.8	14.3	13.3	8.6	10.7	11.3	6.1	6.0	10.0	9.2
LS							9.3	6.9	6.4		5.7	5.0			5.0	4.3
Classif-AASHTO	A-4(0)	A-2-4(1)	A-2-4(0)	A-2-4(0)	A-2-4(2)	A-2-4(1)	A-2-6(1)	A-2-6(1)	A-6(1)	A-2-4(2)	A-2-4(0)	A-6(0)	A-2-4(1)	A-2-4(1)	A-4(0)	A-4(0)
MDD (kg/m3)	1900	2013	2025	1882	1862	1990	1921	1850	2016	2064	2080	1928	2040	2080	2088	2090
Netral M.C(%)	21.0	6.0	10.0	5.0	2.0	3.0	9.0	14.0	11.0	4.0	7.0	24.0	12.0	13.0	3.0	3.0
OMC (%)	11.0	10.1	10.4	10.6	13.6	10	15.0	15.2	10.1	10	8.2	13	9.4	8.6	9.8	10
Moulding MC	11.0	10.1	10.1	10.7	13.6	10	15.0	15.3	10.1	10	8.2	12.9	9.3	8.8	10.1	10.3
CBR@																
90%MDD	5	4	3	2	2	4	3	3	3	4	2	3	5	1	17	13
93%MDD	5	4	3	2	3	5	4	4	3	4	3	4	5	2	20	15
95%MDD	5	5	3	2	4	5	5	5	3	5	3	7	6	2	25	20
96%MDD	7	6	4	3	5	8	9	6	4	7	4	10	8	2	38	28
Classif-FMDD	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	S7	S3		G25	G15

6.4 Letters to the TANROADS, etc.

(1) From Ingérosec Corporation to the TANROADS,etc.

No.	Date	Subject	To	Ref. No.
1	2009.04.22	The submission of the planned alignment width considering with service road (w=3m) in accordance with the Technical Note made on 14 April 2009	TANROADS CC Regional Office	JICAST_001
2	2009.04.22	Confirmation of the Submission of the planned alignment drawing in accordance with pre-feasibility study width 34m on joint inspection on 15 April 2009	TANROADS CC Regional Office	JICAST_002
3	2009.04.22	Request of the Coordination of the Landownership Map between Morocco JCT and Mwenge JCT	TANROADS	JICAST_003
4	2009.04.22	Confirmation of the Position on BRT bus stop (Single Module and Double Module Type) between Morocco JCT and Mwenge JCT	DART Agency	JICAST_004
5	2009.04.23	Confirmation of the Planned Temporary Yard	Regional Office	JICAST_005
6	2009.04.23	Request of Current Information concerning EIA Public utilities and Resettlement based on the M/D	TANROADS CC MoID, Regional Office, JICA Tanzania	JICAST_006
7	2009.04.24	Request of Detailed Information for the Widening Planning of Roads where connect New Bagamoyo Road	Regional Office CC TANROADS	JICAST_007
8	2009.04.24	Confirmation of the Condition of Large Scale Diameter Pipe on the Planning	Regional Office	JICAST_008
9	2009.04.24	The Preparatory Survey on the Project for Widening of New Bagamoyo Road	TANROADS CC MoID,	JICAST_009
10	2009.06.04	Enquiry on Progress of the Environment Procedure	TANROADS	JICAST_012
11	2009.06.12	Re-enquiring Progress of the Environment Procedure	TANROADS	JICAST_013
12	2009.06.18	Confirmation of the Environment Procedures	TANROADS	JICAST_014
13	2009.06.30	Submission of Information of Resettlement and Relocation	TANROADS	JICAST_015
14	2009.07.01	Submission by DHL of Information of Resettlement and Relocation	TANROADS	JICAST_016
15	2009.07.21	Confirmation on the Resettlement Issue	TANROADS	JICAST_017
16	2009.07.24	Request for Entitlement Matrix	TANROADS CC JICA Tanzania, JICA HQ	JICAST_018
17	2009.07.24	Request for Implementation Checklist	TANROADS	JICAST_019
18	2009.09.02	Request for EIA Documents and Report	TANROADS	JICAST_020
19	2009.09.07	Confirmation on the Entitlement Matrix	TANROADS	JICAST_021
20	2009.09.07	Confirmations on the Status Report	TANROADS	JICAST_022
21	2009.09.11	Confirmation on the Checklist	TANROADS	JICAST_023
22	2009.09.25	Requests on Budget for Utilities Relocation & Environment Checklist	TANROADS	JICAST_024
23	2009.10.16	Submission of Preparatory Survey Report	TANROADS	JICAST_025

The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

22 April 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema

Ref. NO JICA ST-001

Subject: The Submission of the planned alignment width considering with Service Road (w=3m) in accordance with the Technical Note made on 14 April 2009 for the Preparatory Survey on the Project for Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with captioned subject on the project, we are submitting the drawing considering with the service road width (w=3.0m) on both side on our topographic map between Morocco JCT and Mwenge JCT. The installation of the service road on both side on the above mentioned will affect not only additional resettlement and probable additional land acquisition for the relocation of public utilities but also our study schedule which we are required to provide the basic design drawing on the end of June 2009 based on the Minutes of Discussion made on 31 March 2009. Therefore we would like to request you to evaluate the drawing and advise your final decision if service road shall be installed at where in the highest congested area on the project site as soon as possible.

Sincerely yours,



Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team

The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation

Encl.

1. Stated drawings (with indicated valuable utilities i.e. ϕ 1,350, ϕ 1,200, ϕ 450 and fiber optic cable, and BRT bus stop position for your references) : 7 pages
2. Attachment-1 for typical section

CC. Regional Manager
TANROADS, Dar es Salaam

The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

22 April 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema

Ref. No JICAST-002

Subject: Confirmation of the Submission of the planned alignment drawing in accordance with pre-feasibility study width 34m on joint inspection on 15 April 2009 for the Preparatory Survey on the Project for Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with captioned subject on the project, we would like to confirm submission of the planned alignment drawing from Morocco JCT to Sta. 8km which TANROADS regional office requested us and have satisfied the drawing at the joint inspection held with DAWASA, DAWASCO, TANESCO, TTCL and TANROADS on 15 April 2009 at project site.

This drawing has been submitted to each public utility's agency and the representative from headquarter and regional office TANROADS.

Sincerely yours,



Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team
The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation

CC. Regional Manager
TANROADS, Dar es Salaam



The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

22 April 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema

Ref. No. J-CAST-003

Subject: Request of the Coordination of the Landownership Map between Morocco JCT and Mwenge JCT for the Preparatory Survey on the Project for Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with the landownership map on the project, which we have obtained hard copy attached herewith between Morocco JCT and Mwenge JCT from "the project for reinforcement of transmission and distribution facilities in Oyster bay substation (Japanese grant project which will be commenced and mobilized in May 2009 and implemented by TANESCO)". We have been trying hard to obtain the coordination (X, Y) with digital data to put it on our topographic survey map to make the boundary between the private and public area more clear. However we did not get the data up to present, though we tried to contact TANESCO, Japanese consultant and local consultant in charge. Therefore we would like to request you to obtain the coordination data for the objective which was mentioned above, since you were very much concerned that public boundary between Morocco JCT and Mwenge JCT where it is very much congested shall require resettlement with smooth processing by Tanzania side in accordance with the Minutes of Discussion on 31 March 2009.

Sincerely yours,



Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team
The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation

Encl: Stated ownership map with hard copy (6 pages)



The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

22 April 2009

The Chief Executive
DAR RAPID TRANSIT AGENCY
The United Republic of Tanzania
Attn: Mr. Cosmas P.M.Takule

Ref No.JICAST_004

Subject: Confirmation of the Position on BRT bus stop (Single Module and Double Module type) between Morocco JCT and Mwenge JCT for the Preparatory Survey on the Project for Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with future bus stop (module) related with Bus Rapid Transit (BRT) on the project, which it shall be installed minimum 500m and maximum 700m interval by BRT's implementation, we have confirmed the position as the attached herewith between Morocco JCT and Mwenge JCT. Hence, we will consider the position and the dimension of lay-by of the road on the project in accordance with BRT's bus stop planning.

However, the position of No7 bus stop (Double module type, refer to the drawing) may be slightly changed based on our traffic analyze to avoid traffic jam at Mwenge JCT.

In addition, the lay-by from Mwenge JCT to Tegeta JCT in the project will be planned as the same manner as one of the above mentioned stretch.

Sincerely yours,



Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team

The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation



Encl: 1. Stated drawing (7 pages) *--- Ag. file. submitted TANROADS dated*
2. Detailed single module and double module type drawing (5 pages) *27 April 2009*

The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

Ref No. JICAST-005

23 April 2009

Regional Manager
Dar es Salaam
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Eng. James R. Nyabakari



Subject: Confirmation of the Planned Temporary Yard for the Preparatory Survey on the Project for Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with captioned subject on the project, we would like to confirm the planned temporary yard on the project since your Engineer in TANROADS regional office and we did further discuss and select possible temporary yards the attached herewith at the location map.

The temporary yards are located:

- 1) At Sta. 4.8km LHS from Morocco JCT
- 2) At Sta.13.3km LHS from Morocco JCT

These yards shall be adapted for project cost estimation and shall be required resettlement, if necessary, when the work will be commenced by Tanzania side in accordance with the Minutes of Discussion on 31 March 2009.

Sincerely yours,

Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team
The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation

Encl: Stated location map (2 pages)

The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

23 April 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema

Ref. No. JICAST_006

Subject: Request of Current Information concerning EIA, Public utilities and Resettlement based on the M/D for the Preparatory Survey on the Project for Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with the EIA and resettlement schedule the attached herewith on the project, which both governments have agreed on the Minutes of Discussion (M/D) made dated 31 March 2009, we are understanding that the EIA consultant will be selected and the meeting of affected people will be held up to the end of April, 2009.

As you may recall, these EIA and resettlement issue are so important to proceed the project up to the implementation stage smoothly. Though we tried hard to get current information, unfortunately your senior environmentalist in charge is not present in Dar es Salaam. Therefore, we would like to request you to give us current information officially in writing and also regular information at least once in a month through JICA Tanzania office.

Concerning the public utilities issue on the project, the meeting which was held as 1st steering committee on 09 April 2009 and the joint inspection was carried out 15 April 2009, we have already submitted you the draft horizontal alignment of the planned road and explained the concept of road designing from Morocco JCT and Tegeta JCT to not only your planning officer but also to TANROADS regional officer DSM in accordance with the above mentioned meetings. Therefore, we would like to request you to give us all information from 2nd steering committee officially in writing such as the minutes of meeting, through JICA Tanzania office.

Finally, I am going to leave Tanzania on 26 April on schedule. Thank you for your attention and cooperation.

Sincerely yours,



Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team
The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation

Encl: Stated extract EIA, public utilities and the resettlement schedule on the M/D (1 page)

- CC: 1. Permanent Secretary
Ministry of infrastructure development
2. Regional Manager
TANROADS, Dar es Salaam
3. JICA Tanzania Office



The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

24 April 2009

Ref. No. JICAST_007

Regional Manager
Dar es Salaam
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Eng. James R. Nyabakari

Subject: Request of Detailed Information for the Widening Planning of Roads where
connect New Bagamoyo Road for the Preparatory Survey on the Project for
Widening of New Bagamoyo Road of the Japanese Grant Aid Project

Dear Sir,

In connection with captioned subject, we would like to request you to give us further information about the following planning which you have the construction in this year and connect our targeted road, New Bagamoyo road, in writing. The following planning will affect our targeted road designing and the time schedule on the project.

The planning is,

- 1) The widening of Old Bagamoyo from Morocco JCT to Kawe
- 2) The widening of Rose Garden Road from Kijito nyama to British Petrol Sta.

And our request to these planning is,

- 1) The time schedule from the selection of the consultant/ the contractor up to the completion of the work.
- 2) The terms of reference for the Work
- 3) The specification and design drawing
- 4) Resettlement schedule and relocation schedule of public utilities, if necessary
- 5) Temporary yard and disposal area
- 6) Other information in regard to New Bagamoyo Widening Project

Sincerely yours,



Kazuharu Koishikawa
Highway Engineer
Consultant of the JICA Study Team
The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation



*C.C. The Chief Executive
TANROADS*

The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

24 April 2009

Regional Manager
Dar es Salaam
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Eng. James R. Nyabakari

Ref. No. JICAST_008

**Subject: Confirmation of the Condition of Large Scale Diameter Pipe on the Planning
The Preparatory Survey on the Project for Widening of New Bagamoyo Road
of the Japanese Grant Aid Project**

Dear Sir,

In connection with captioned subject, we had several meetings with agency such as DAWASA and DAWASCO to confine where large scale pipe, i.e. Φ 1,200, Φ 1,350 exists on the project site. And we confirmed several conditions as follows,

- 1) The covering depth from the ground, if the existing pipe would not be relocated, shall be kept minimum 1.0m.
- 2) The covering depth from the bottom of the planning sub-grade on the project, if the existing pipe would not be relocated, shall be kept minimum 0.8m.

If there is other condition which should be considered for designing of the road alignment on the project, please advice us as soon as possible.

Sincerely yours,



Kazuharu Koishikawa

Highway Engineer

Consultant of the JICA Study Team

The Preparatory Survey on the project for widening of New Bagamoyo Road
Ingerosec Corporation



The Preparatory Survey on the Project for New Bagamoyo Road
Japan International Cooperation Agency (JICA)

24 April 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema

Ref. No. JICAST_009

Subject: Special Note

The Preparatory Survey on the Project for Widening of New Bagamoyo Road
of the Japanese Grant Aid Project

Dear Sir,

In order to build mutual understanding between JICA Preparatory Study Team for the project and the Tanzanian side (TANROADS) on the technical and engineering aspects for the project, this special note has been prepared by the team based on the results of the field survey and discussions with TANROADS and the concerned party such as the Ministry of Infrastructure and Development (MoID).

However, all the items and components described in this special note will eventually be determined after further studies in Japan and consultations with concerned officials of the Government of Japan.

JICA will submit the draft final report which describes in the final component of the project to the Tanzanian side around September 2009 as stated in the Minutes of Discussions (M/D) signed by both parties on March 31, 2009.

Special Notes 1: Pending Issues

According to the site investigation, the Team has recognized that some critical condition exist, which should be achieved by TANROADS to implement the project by Japanese Government. TANROADS understands the condition below and has promised to achieve the next stage and report regularly up to the next mission by JICA scheduled around September 2009.

1. EIA consultants for the project is not selected at present by TANROADS, in spite of the EIA Time Schedule, which was agreed on the M/D, is clearly indicating to carry out the selection up to the end of April, 2009.
2. The meeting with leaders affected people also for the project is not held by TANROADS, in spite of the Resettlement Time Schedule, which was agreed on the M/D, is clearly indicating to carry out up to the end of April, 2009.
3. The 2nd steering committee meeting shall be coordinated by TANROADS to proceed the relocation process of public utilities which will be affected by the planned road. The concept of planned road alignment on the total project length has been explained on the 1st steering committee dated April 09, 2009 and draft drawings between Beginning Point (BP: Morocco JCT) and BP+8km around was distributed on the joint inspections to all representatives from DAWASA, DAWASCO, TANESCO, TTCL and both head quarter and regional office representatives from TANROADS on April 15, 2009 by JICA Preparatory Study Team.
4. Planning widening existing roads (from 2 lanes to 4 lanes) which connect New Bagamoyo Road between Morocco JCT and Kijitonyama JCT on the project are not clear about the detailed information such as TOR, specification and design drawing etc. at present. These old Bagamoyo road and rose garden road widening planning and commencement in this year shall obviously affect our project planning and designing.

Sincerely yours,



Kazuharu Koishikawa

c.c

1. MoID



The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

4 June, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_012

**Subject: Enquiry on Progress of the Environment Procedure
for the Project for Widening of New Bagamoyo Road**

Dear Sir,

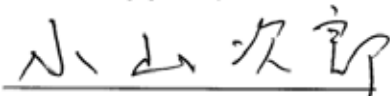
We would highly appreciate the cooperation provided by you and your staffs regarding the above-mentioned project. In connection with our letter refer to Ref. No. JICAST_006 dated 23 April 2009, as you know well, the progress of the procedures on the environmental matters will much affect progress of the Project, and thus we confirmed in the M/D signed on March 31, 2009 that the Tanzanian side shall implement necessary procedures to obtain the approval by the end of November, 2009.

We think that in order to obtain the Environmental certificate by the end of November, 2009, the EIA consultant should have been awarded and started the study within the last month.

May we inquire when you award the EIA consultant and thus he starts studying, and further time schedule of the Environmental procedure until you obtain the Environmental certificate finally?

Also kindly let us know name and contact of the EIA consultant when you award him.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

12 June, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_013

Subject: Re-Enquiring Progress of the Environment Procedure for the Project for
Widening of New Bagamoyo Road

Dear Sir,

Regarding the progress of the environmental procedure of the captioned Project, I sent a letter of enquiry dated on 4 June, 2009 (our Ref. No. JICAST_12) to you, but have not received any answers from you.

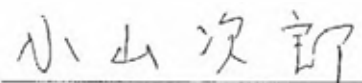
You have to obtain the Environmental Certificate by the end of November, 2009, as confirmed in the M/D signed on March 31, 2009.

May we inquire once again when you will award the EIA consultant who studies and prepares EIS, and further time-schedule of the Environmental procedure until you obtain the Environmental Certificate finally?

Also kindly let us know name and contact of the EIA consultant you award, for it is our duty to confirm and report the progress to JICA.

As this step is of great importance to fulfill the Project, please understand the situation, thus urgently progress it, if not completed selecting and/or awarding EIA consultant.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

18 June, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_014

Subject: Confirmation of the Environment Procedures
for the Project for Widening of New Bagamoyo Road

Dear Sir,

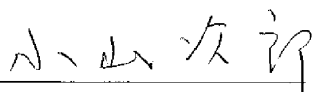
Regarding EIA consultant of the captioned Project, we are pleased to have heard that you signed the contract for the EIA services on 16th June 2009, and the Environmental Certificate would be issued in mid November, 2009.

On the other hand, what we worry about is whether the submission of the Final EIA report on 16th September 2009 by the EIA consultant is too late. Please refer to the Clause 9-3. (1) and (2) of the Minutes of Discussion (M/D) dated on March 31, 2009. It is said that in (1) "TANROADS will sign the memorandum of understanding (MoU) for relocation of the utilities with authorities (TANESCO, TTCL and DAWASCO, etc.) by the end of August, 2009", and also in (2) "The Tanzanian side will complete the resettlement procedure, at least up to the stage of valuation by the end of August, 2009."

We are now preparing the draft report of the Project which we will deliver in order to explain its contents around September, 2009 as stated in Clause 8-2. in the same M/D. In case the MoU with the authorities and/or the resettlement valuation are not completed far earlier, JICA will not decide to dispatch the Draft Report Explanation Team. This will mean a great delay of the project schedule, because the timing of this step is closely related to further procedures by the Government of Japanese such as the Cabinet meeting.

We look forward to your prudent consideration and response to the worries above.

Sincerely yours,



Jiro Koyama

Consultant Team Leader

JICA Preparatory Survey Team

The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening of New Bagamoyo Road
Japan International Cooperation Agency (JICA)

30 June, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_015

**Subject: Submission of Information of Resettlement and Relocation
for the Project for Widening of New Bagamoyo Road**

Dear Sir,

Please refer to the data attached hereto. We are pleased to submit “the necessary information on number of houses, types of utilities for resettlement and relocation”, described in (9-2.) of the Minutes of Discussion signed on March 31, 2009 for the Project for Widening of New Bagamoyo Road.

We suggest you some points of concern on the Estimated Quantities of Existing Households and Utilities as below.

- 1) Numbers of households were computed based on “the Ownership Map” provided by TANROADS.
- 2) Quantities of aerial cables such as electric power and telecommunication cables, and buried objects such as water pipes, optical fiber cables and so on are subject to reviews by Tanzanian experts, as there may be cases where more or less materials are required for the relocation from technical points of view.
- 3) In relation to the above, though poles for power and communication, located within the planned road width and/or due to be relocated for excavation during the construction, were counted, quantities of the poles to be relocated shall be reviewed by Tanzanian experts in the same manner as the cable quantities may change after the experts’ review.

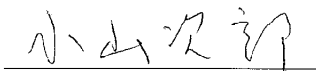
We look forward to your confirmation letter of the receipt.

And please do not hesitate to contact us if you have any queries.

Attachments:

Drawings and Estimated Quantities for Resettlement and Relocation (Reference)

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening of New Bagamoyo Road
Japan International Cooperation Agency (JICA)

01 July, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema

Ref.No.JICAST_016

**Subject: Submission by DHL of Information of Resettlement and Relocation
for the Project for Widening of New Bagamoyo Road**

Dear Sir,

Please refer to the data enclosed herewith. As described in the e-mail dated on 30 June, 2009, the enclosed are 1) Hardcopy of "Drawings and Estimated Quantities for Resettlement and Relocation, and 2) Compact Disc of "Drawings and Estimated Quantities for Resettlement and Relocation.

We suggest you some points of concern on the Estimated Quantities of Existing Households and Utilities as below.

- 1) Numbers of households were computed based on "the Ownership Map" provided by TANROADS.
- 2) Quantities of aerial cables such as electric power and telecommunication cables, and buried objects such as water pipes, optical fiber cables and so on are subject to reviews by Tanzanian experts, as there may be cases where more or less materials are required for the relocation from technical points of view.
- 3) In relation to the above, though poles for power and communication, located within the planned road width and/or due to be relocated for excavation during the construction, were counted, quantities of the poles to be relocated shall be reviewed by Tanzanian experts in the same manner as the cable quantities may change after the experts' review.

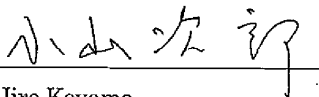
We look forward to your confirmation letter of the receipt.

And please do not hesitate to contact us if you have any queries.

Sincerely yours,

Attachments:

- 1) Drawings and Estimated Quantities for Resettlement and Relocation (Reference) in hardcopy form
- 2) Drawings and Estimated Quantities for Resettlement and Relocation (Reference) in Compact Disc form



Jiro Koyama

Consultant Team Leader

JICA Preparatory Survey Team

The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

21 July, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_017

Subject: Confirmation on the Resettlement Issues

Dear Sir,

Thank you for your letter of Ref. "TRD/D/GEN/p.147/01/22".

In advance to develop discussions, may we confirm that the date when we submitted the digital data of drawings and quantities was 30th of June 2009, which was the deadline described in the Minutes of Discussion dated on 31th of March 2009. The date 1st of July you mentioned in the letter is the date we send hardcopies of the same data to make it surer.

Also in response to the above letter, we would like to confirm such significant points regarding the resettlement issue as described below;

- 1) As the captioned project would be the Japanese Grant Aid Project, care must be taken not to conflict with "JICA Guidelines for Environmental and Social Considerations".
- 2) Although we heard, during the site survey, it is not necessary under the Tanzanian laws to compensate for resettlements or loss of livelihood of informal houses and garden plants within RoW as mentioned below, they shall be compensated in accordance with the JICA Guidelines.
- 3) In our rough estimate based on the ownership map provided by you and on our site survey, sixty-seven (67) informal simple houses were found within RoW, 57 between Morocco and Mwenge, and 10 between Mwenge and Tegeta. Some houses look firm, but most of them are garden tree vendors and simple shops concentrated between Morocco and Mwenge.

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

4) You said in your letter "Ref/TRD/D/GEN/p.147/01/22" that the Government Valuer will complete the valuation of affected properties in mid August, 2009.

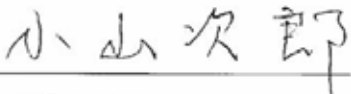
Please clearly specify how the affected persons of the Project will be compensated.

5) As the Project will not be approved by the Environmental and Social Consideration Review Division, JICA, and accordingly will not progress smoothly without satisfying those mentioned above, we hope you will pay significant attention.

6) When you prepare a list of types of structures and owners regarding the foregoing 67 houses in our rough estimate based on the ownership, please send the list to us as soon as possible. Also in case that you find some discrepancies (increase or decrease) from our estimate in number of the informal houses and so on within the RoW, please let us know them.

7) Finally may we confirm that occupants out of RoW with legal regular status will, of course, be compensated in such a manner as usually treated, when they are affected by this Project?

Sincerely yours,



Jiro Koyama

Consultant Team Leader

JICA Preparatory Survey Team

The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

24 July, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_018

Subject: Request for Entitlement Matrix
The Project for Widening of New Bagamoyo Road

Dear Sir,

Please refer to your letter TRD/D/GEN/ p.147/01/22 dated on 16th July, 2009.

We have consulted "Road Sector Compensation and Resettlement Guidelines, March 2008, Ministry of Infrastructure Development, the United Republic of Tanzania" and know that you will prepare the Entitlement Matrix, as attached hereto, for the captioned Project in accordance with the said Guidelines.

We request you to provide us with the Entitlement Matrix to be prepared for the Project, on which we have to assess whether contents of the Matrix complies with the JICA Guidelines, and discuss with the Environmental and Social Consideration Review Division, JICA. In order to avoid repeated arguments and correspondences between you and us and to regress, we would like to have a look of the resettlement and compensation you have at an early stage in a form of the Matrix by the end of July, if possible, which includes those to be applied to PAPs within the RoW.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

ATTACHMENT

- PDF file for Table 5: Entitlement Matrix

c.c.

1. JICA Tanzania Office: Mr. Maruo, Ms. Yamamoto, Ms. Tauchi
2. JICA Headquarter, Tokyo: Mr. Kubo

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

24 July, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_019

Subject: Request for Implementation Checklist
The Project for Widening of New Bagamoyo Road

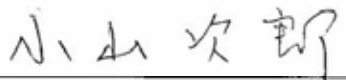
Dear Sir,

Please refer to our letter of Ref.No.JICAST 018.

We have consulted "Road Sector Compensation and Resettlement Guidelines, March 2008, Ministry of Infrastructure Development, the United Republic of Tanzania" and know that you will prepare the Implementation Checklist, as attached hereto, for the captioned Project in accordance with the said Guidelines.

In addition to the former request for the Entitlement Matrix, we request you to provide us with the Implementation Checklist to be prepared for the Project, on which we have to assess whether the procedures satisfy the JICA Guidelines, and discuss with the Environmental and Social Consideration Review Division, JICA. In order to avoid repetitive correspondences between you and us and unnecessary waste of time, we would like to have a look of the Implementation Checklist at an early stage by the end of July, if possible.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

ATTACHMENT

- PDF file for Annex A: Implementation Checklist

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

2 September, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_020

Subject: Request for EIA Documents and Report
The Project for Widening of New Bagamoyo Road

Dear Sir,

Please refer to our letter Ref.No.JICAST_018 and Ref.No.JICAST_019 dated on 24 July, 2009 requesting you to fill the forms of and send "Entitlement Matrix" and "Implementation Checklist", attached on "Road Sector Compensation and Resettlement Guidelines": MoID, March 2008 in order to know the progress on EIA for the project.

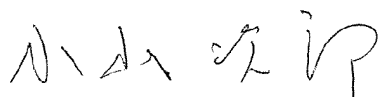
Since then, we have not yet heard anything about the progress and how the involuntary resettlement will be dealt with.

We, the consultant team for the project, are instructed by JICA Head Office to report them the progress regarding the EIA issue on the official meeting with JICA held soon in Tokyo. They are in particular interested in how involuntary resettlement and people within the Right of Way will be dealt.

We strongly request you to send before 3 September, 2009 any documents you have in hand which describe how you are going to deal with these people, and also the draft EIA report before 7 September 2009, which we heard you have almost completed. The draft report is enough at this moment for us.

We fear any more delay of the report to JICA on these matters will cause serious delay of our procedures to the project.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

7 September, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_021

Subject: Confirmations on the Entitlement Matrix
The Project for Widening of New Bagamoyo Road

Dear Sir,

Please refer to your letter of Ref. TRD/D/GEN/P 147/01/23 dated on 4 September, 2009.

We sincerely appreciate that you understood our request and sent the Entitlement Matrix, which helped us to know what you have in mind regarding Compensation and Resettlement Plan. We would like you to confirm some matters as below, and return your opinion to us.

(1) Regarding the compensation to "Squatters", Japanese grant aid projects must conform to the JICA Guidelines for Environmental and Social Considerations, and the Guidelines policy implies that it is necessary to deal with the squatters as well as other affected persons to be compensated, whereas you said in your letter on 4 September "Squatters and renters of properties and business have no compensation entitlements under the cited law."

The JICA Guidelines are applied to all JICA projects in all countries, and also we add that the JICA Guidelines are equivalent to environmental guidelines of the World Bank and other donors.

Are the squatters affected even by a World Bank Project not compensated?

(2) All Entitlements regarding the Squatter and Encroacher in the Entitlement Matrix you sent by attaching to your letter dated on 4 September, 2009, are N/A. But on the other hand, Encroacher and Squatter are entitled to compensation as shown below according to the Road Sector Compensation and Resettlement Guidelines, March 2008.

Encroacher:

- Relocation to resettlement site of choice, with payment of rental fee for land. For crops, fences and wells, as above or owners.
- Labour/food during preparation of new site.

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

7 September, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_022

Subject: Confirmations on the Status Report
The Project for Widening of New Bagamoyo Road

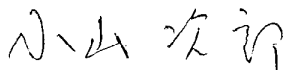
Dear Sir,

Please refer to your letter of Ref. TRD/D/GEN/P 147/01/23 dated on 4 September, 2009.

We would like you to confirm some matters as below, and return your opinion to us.

- (1) We request you to send us copies of the MoU with DAWASA and TTCL for our reference, if you do no mind. When you conclude a MoU with ANESCO, also please send the copy without delay.
- (2) Let us know how much is the budget for relocation of utilities between Mwenge and Tegeta out of TShs. 1,690,000,000.00.
Which is the budget resource from?
- (3) You described in the first paragraph on the 2nd page in the said letter " As construction works proceed on this section, the GOT will have sufficient time to secure the required funds for relocation of the utilities in the remaining section of Mwenge-Tegeta.".
The section should be "Morocco-Mwenge". Are we correct?
- (4) You said in the above-said letter "Luckily no major building is falling within the ROW.", but according to our site survey results, there are evidently two main houses to be affected by the Project within the RoW (See attached figure), which were listed as the existing houses within the RoW in the data we forwarded to TANRODS on 30 June, 2009.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

11 September, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_023

Subject: Confirmations on the Checklist
The Project for Widening of New Bagamoyo Road

Dear Sir,

Please refer to your letter of Ref. TRD/D/GEN/P 147/01/24 dated on 4 September, 2009.

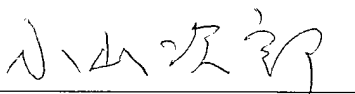
We regret to ask you why it took you more than one month until responding to the letter of Ref. JICAST_019 dated on 24 July. We worried that you tried to have prepared a complete Checklist instead of a draft of the Checklist due to misunderstanding our request.

We offer these matters below for your confirmation, and your quick response would be expected.

(1) You said in your letter of Ref. TRD/D/GEN/P 147/01/24 " --- because no main houses will be demolished and only outer houses and fence wall will be affected ---", and "Consequently, no person will require to be resettled to new sites and related activities are not required". But according to our site survey results, there are evidently two houses to be affected by the Project within the RoW (See attached figure), which were listed as the existing houses within the RoW in the data we forwarded to TANRODS on 30 June, 2009.

(2) As described in (1) above, there are two houses affected within the RoW. Taking this into account, please explain why you can say "a few activities will not be relevant"?

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

25 September, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

Ref.No.JICAST_024

URGENT

Subject: Requests on Budget for Utilities Relocation & Environmental Checklist
The Project for Widening of New Bagamoyo Road

Dear Sir,

Please refer to your letter of Ref. TRD/D/GEN/P 147/01/23 regarding STATUS REPORT.

You said in the above-mentioned letter as follows:

Costs estimated for relocation of the three utilities have been obtained from the respective utility companies. The total cost amounts to Tshs. 13,959,021,253.50 as follows:

<i>(i) DAWASA</i>	<i>TSHS 8,548,368,184.20</i>
<i>(ii) TANESCO</i>	<i>TSHS 4,177,408,863.30</i>
<i>(iii) TTCL</i>	<i>TSHS 1,233,244,206.00</i>
<i>TOTAL</i>	<i>TSHS 13,959,021,253.50</i>

Now we are rushing in preparing the Draft Preparatory Survey Report for the Project, which we will deliver next month to explain the result of the study to you, after getting approval by JICA Tokyo Head Office.

So far, two major items have not been completed due to lack of information from your side.

They are;

- (1) Cost estimation to be borne by your side, and
- (2) Environmental Checklist.

Regarding the item (1), you gave us, through the mentioned letter, the estimated cost for each utility company for New Bagamoyo Road (Morocco and Tegeta) as above, but what we need now are those costs only for the section between Mwenge and Tegeta out of the above mentioned costs for whole of New Bagamoyo Roads. In other word, please send us "respective estimated costs required for relocation of the three utilities only for the section between Mwenge and Tegeta.

As you know well, this is an urgent and serious matter for the progress of the Project, thus we cannot waste time any more. Please send the above-mentioned respective costs

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

by 30 September, 2009. Or if it takes time for you to calculate the costs, we will calculate them based on the materials by which the utility companies estimated. In this case, please send all the material data by the same date as mentioned above.

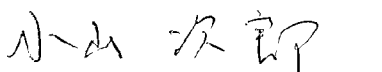
Regarding the item (2), we are now preparing a draft of Environmental Check Lists. We will complete it and send it to you through e-mail on Monday, 28 September, 2009.

Please check it and send it back urgently after examining the contents. We will report the result of your check to JICA, and describe it in the Draft Report.

Please understand the serious situation that the delay of response from your side will not only result in delay of the Project, but affect adversely the decision made by the Government of Japan.

We hope your cooperation for a smooth progress of the Project.

Sincerely yours,



Jiro Koyama

Consultant Team Leader

JICA Preparatory Survey Team

The Project for Widening of New Bagamoyo Road

The Preparatory Survey on the Project for Widening New Bagamoyo Road
Japan International Cooperation Agency (JICA)

16 October, 2009

The Chief Executive
Tanzania National Roads Agency
The United Republic of Tanzania
Attn: Mr. Ephraem C. Mrema
FAX 255-22-2150022

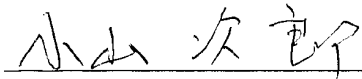
Ref.No.JICAST_025

Subject: Submission of Preparatory Survey Report (Draft)
The Project for Widening of New Bagamoyo Road

Dear Sir,

We hereby submit three copies of the PREPARATORY SURVEY REPORT (DRAFT)
for explanation of the contents.

Sincerely yours,



Jiro Koyama
Consultant Team Leader
JICA Preparatory Survey Team
The Project for Widening of New Bagamoyo Road

Attachment: Three copies of PREPARATORY SURVEY REPORT ON THE PROJECT
FOR WIDENING OF NEW BAGAMOYO ROAD IN THE UNITED
REPUBLIC OF TANZANIA (DRAFT)



(2) From the TANROADS to the Consultant

	Date	Subject	Ref. No.
1	2009.07.15	STATUS OF PREPARATION OF ESIA AND RELOCATION OF UTILITIES	TRD/D/GEN/p.147/01/22
2	2009.09.04	STATUS REPORT	TRD/D/GEN/p.147/01/23
2	2009.09.04	COMPENSATION ENTITLEMENT MATRIX	TRD/D/GEN/p.147/01/23
3	2009.09.04	IMPLEMENTATION CHECKLIST	TRD/D/GEN/p.147/01/24
4	2009.09.18	ENVIRONMENT AND SOCIAL IMPACT ASSESSMENT REPORT	TRD/D/GEN/p.147/01/30
5	2009.10.16	VALUATION OF PROPERTIES TO BE AFFECTED ALONG NEW BAGAMOYO ROAD PROJECT	TRD/D/GEN/p.147/01/36

TANZANIA NATIONAL ROADS AGENCY



P.O Box 11364
3rd Floor
Maktaba Complex
Bibi Titi Mohamed Road
Dar es Salaam

Date: 15 July 2009

Our Ref: TRD/D/GEN/p.147/01/22

Mr. Jiro Koyama,
JICA Preparatory Survey Team,
The Project for Widening of the New Bagamoyo Road.

REF: PROJECT FOR WIDENING OF THE NEW BAGAMOYO ROAD

SUB: STATUS OF PREPARATION OF ESIA AND RELOCATION OF UTILITIES

Please refer to your letter No. JICAST_014 dated 18th June, 2009 in which you had expressed concerns on the progress on the preparation of the ESIA report and relocation of utilities for the referenced project. Further refer to your letter No. JICAST_016 dated 01 July 2009 with which you submitted the drawings and quantities for resettlement of the project affected persons and relocation of utilities for the referenced project.

The drawings and quantities submitted under your cover letter No. JICAST_016 dated 01 July 2009 and received by us on 06th July 2009. With receipt of the subject drawings and quantities we are now better placed to address the concerns you raised in your earlier letter as follows:

- i. Submission of the Final EIA report on 16th September 2009 being too late.

As you were already notified, the contract for the ESIA services was signed on 16th June 2009 and the EIA Consultant has since been continuing with the services. We are closely following up the Consultant and judging from his progress so far he should be able to deliver an acceptable Final report by the agreed submission date of 16th September, 2009. Given the deadline for the submission of the Final report is met, we are confident the two (2) months period is adequate for processing of issuance of the Environmental Certificate thereby meeting the deadline of November 2009.

- ii. Signing of Memorandum of Understanding (MoU) for Relocation of Utilities

As you are aware, the meeting with the utilities stakeholders including TANESCO, DAWASCO and TTCL was held on 03rd April, 2009. Subsequently, a series of preparatory activities including joint inspections of the utilities, identification of the sites for possible relocation of utilities, indication of implementation time frame, etc have been undertaken jointly by TANROADS and the stakeholders. Further progress however depended on submission of drawings and quantities for the utilities to be relocated. On receipt on the drawings and quantities on 07th July 2009 we have forwarded the same to the utilities companies for preparation of cost estimates. DAWASCO submitted their cost estimates on 13th July 2009. TANESCO have indicated they will submit their estimates within this week. TTCL are yet to advise on the submission date of their cost estimates but we are following up with them very closely to ensure they submit this week.

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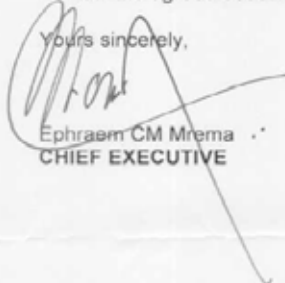
On receipt of the cost estimates from all the three utility companies we shall proceed to confirm availability of the required funding with the Ministry of Infrastructure Development and the Ministry of Finance and Economic Affairs. We anticipate response on availability of funds by mid August 2009. Upon confirmation of funding, we shall proceed to process and finalize the (MOUs) for execution of the relocation of utilities with the respective utility companies by the end of August 2009, the agreed deadline.

- iii. Complete Resettlement Procedure, at least up to the stage of valuation by end of August, 2009.

Similar to the relocation of utilities, substantial progress on this activity had to await submission of the drawings indicating the properties to be affected by the construction works. On receipt of your drawings for the affected properties we have got in contact with the Government Valuer to undertake the valuation of affected properties. In our preliminary discussions with the Valuer, he had indicated it will take two (2) weeks to complete the valuation which will bring us to mid August 2009, i.e within the agreed deadline.

To summarize the foregoing it is noted that substantial progress on resettlement and relocation activities depended on submission of the required drawings and quantity estimates. Subsequent to your submission, we are vigorously pursuing implementation of the activities and we should be able to meet the agreed deadlines.

Yours sincerely,



Ephraem CM Mrema
CHIEF EXECUTIVE



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TANZANIA NATIONAL ROADS AGENCY



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Dar es Salaam

Date: 10 November 2009

Our Ref: TRD/D/GEN/P 147/01/23

Consultant Team Leader
JICA Tanzania Office
JICA Preparatory Survey Team
DAR ES SALAAM

REF: THE PROJECT FOR WIDENING OF THE NEW BAGAMOYO ROAD

SUB: STATUS REPORT.

Please refer to the above subject.

In accordance with 'Minutes of Discussion' reached between JICA and TANROADS for execution of the referenced project, it was agreed that TANROADS would undertake the following activities:

- (i) Sign MOU for relocation of electricity, water and telephone utilities with utility companies including TANESCO, DAWASA and TTCL by end of August 2009.
- (ii) Complete resettlement procedures of at least up to the stage of valuation by end of August 2009.

Herewith we submit a status report of the progress we have made to date regarding the above activities that were agreed for TANROADS action.

We have finalized the MOUs with DAWASA and TTCL. The MOU with TANESCO has been negotiated with TANESCO's Regional Office. The negotiated draft was forwarded to TANESCO HQ for signature since 15th August 2009 but to date it still not signed. We are intensely following up TANESCO HQ to get the MOU signed.

Costs estimated for relocation of the three utilities have been obtained from the respective utility companies. The total cost amounts to Tshs. 13,959,021,253.50 as follows:

(i) DAWASA	TSHS 8,548,368,184.20
(ii) TANESCO	TSHS 4,177,408,863.30
(iii) TTCL	<u>TSHS 1,233,244,206.00</u>
Total	TSHS 13,959,021,253.50

We have forward the estimated cost to the Ministry of Infrastructure Development (MOID) for allocation of the required funds. An amount of TShs.1,690,000,000.00 had been allocated for the New Bagamoyo road in the current Government budget. Considering the large sum of money required for relocation of utilities compared to the available budget, we are mindful that the budget deficit may not be easily covered in the current Government budget.

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In spite of the funding constraints for relocation of utilities, we submit that implementation of the project should not be hindered. As earlier proposed by JICA, execution of the construction works for the project road can proceed in two phases, starting with the section from Mwenge -Tegeta. This section does not require much relocation of utilities and the available funds should be sufficient to pay for the few utilities in this section. As construction works proceed on this section, the GOT will have sufficient time to secure the required funds for relocation of the utilities in the remaining section of Mwenge – Tegeta.

With regard to valuation of properties to be affected by the construction works, identification of the 45m Right of Way (ROW) has been completed. Luckily no major building is falling within the ROW. It is only the outer buildings and fence walls that are encroaching in the ROW. Consequently only minimal compensation costs will have to be paid.

Identification of properties, valuation thereof and their owners could not start earlier as all valuers in Dar es Salaam were tied up with valuation of properties that were affected by the explosions of bombs from the army barracks in the Dar es Salaam outskirts of Mbagala. The valuation exercise has commenced today and is expected to last one (1) week.

From the above, we foresee we are likely to suffer a delay of two (2) weeks compared to the agreed timetable for which we submit for your understanding.

Yours sincerely,

Ephraem CM Mrema
CHIEF EXECUTIVE

TANZANIA NATIONAL ROADS AGENCY



P.O. Box 11364
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Bibi Titi Mohamed Road
Dar es Salaam

Date: 10 November 2009

Our Ref: TRD/D/GEN/P 147/01/24

Consultant Team Leader
JICA Tanzania Office
JICA Preparatory Survey Team
DAR ES SALAAM

REF: THE PROJECT FOR WIDENING OF THE NEW BAGAMOYO ROAD

SUB: IMPLEMENTATION CHECKLIST.

Please refer to your letter No. JICAST_019 dated 24 July 2009 of your request to provide you with the Implementation Checklist as per sample you attached to the said letter.

We have perused the said "Implementation Checklist" which is intended to guide the execution of the resettlement issues for the project in reference and confirm that the majority of the activities in the Checklist will be addressed.

Only a few activities will not be relevant for the implementation of the New Bagamoyo road project and these include provision of relocation sites, disruption of cultural sites, acquisition of land for resettlement, undertaking of ESIA of the relocation site and construction of new houses. These activities are not relevant because no main houses will be demolished and only outer houses and fence walls will be affected by the construction works. Consequently, no person will require to be resettled to new sites and related activities are not required.

We trust the above clarifications will suffice for your further action.

Yours sincerely,

Ephraem CM Mrema
CHIEF EXECUTIVE

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TANZANIA NATIONAL ROADS AGENCY



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Dar es Salaam

Date: 18th September 2009

Our Ref: TRD/D/GEN/P.147/01/30

Mr. Jito Kayama
Consultant Team Leader
JICA Preparatory Survey Team
Dar es Salaam

Dear Sir,

RE: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT REPORT FOR NEW BAGAMOYO ROAD WIDENING PROJECT

Reference is made to the above subject matter.

The Consultant for undertaking environmental and social impact assessment for the widening of New Bagamoyo road has submitted the Draft Environmental and Social Impact Assessment (ESIA) for the proposed road project.

On the resettlement of properties to be affected by the proposed project, the Valuer is finalising the Valuation Report. The findings from the Valuation Report will be reflected in the final ESIA report.

Attached herewith is a copy of the Environmental Impact Assessment report for your review.

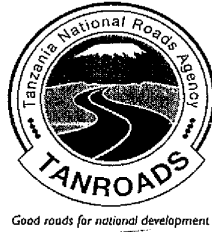
Yours Sincerely


Ephraem C M Mrema
CHIEF EXECUTIVE

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TANZANIA NATIONAL ROADS AGENCY



19/10/09 (Mon)
For Mr. Mwanza

P.O Box 11364
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Maktaba Complex
Bibi Titi Mohamed Road
Dar es Salaam

Date: 16th October 2009

Ref. No.: TRD/HQ/GEN/P.147/01/36

Mr. Jiro Kayama
Consultant Team Leader
JICA Preparatory Survey Team
Project for Widening of New Bagamoyo Road

cc. Mr. John
to [unclear]
[unclear]. Compensation

Dear Sir,

RE: VALUATION OF PROPERTIES TO BE AFFECTED ALONG NEW BAGAMOYO ROAD PROJECT

Reference is made to the above subject matter.

We would like to inform you that the properties to be affected along the above-mentioned road project have been identified and valuation of these properties has been conducted.

The valuation report indicates that the properties to be affected include mainly cement concrete fences, outer buildings comprising sheds for security guards, generators, cars, stores, toilets and resting places. In addition three (3) main and five (5) smaller building will be affected. We note that the compensations cover the 45m corridor. The cost for compensation is Tshs.2,116,117,208.80. A copy of the valuation report is attached.

We note the valuation is still a preliminary one as it is yet to be approved by the Chief Government Valuer. We have found it worthwhile to submit it to you for of your early information.

Approval of the Chief Government Valuer is expected on this October 2009.

Yours sincerely,


Ephraem C.W. Mrema
CHIEF EXECUTIVE

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