
**OFFICIAL
DOCUMENTS**

CREDIT NUMBER 1258 CA

Development Credit Agreement

(Fourth Highway Project)

between

CENTRAL AFRICAN REPUBLIC

and

INTERNATIONAL DEVELOPMENT ASSOCIATION

Dated

July 29

, 1982

DEVELOPMENT CREDIT AGREEMENT

AGREEMENT, dated *July 29*, 1982, between CENTRAL AFRICAN REPUBLIC (hereinafter called the Borrower) and INTERNATIONAL DEVELOPMENT ASSOCIATION (hereinafter called the Association).

WHEREAS (A) the Borrower has requested the Association to assist in the financing of the Project described in Schedule 2 to this Agreement by extending the Credit as hereinafter provided;

(B) the Borrower intends to contract from the Kuwait Fund for Arab Economic Development (hereinafter called the Kuwait Fund) a loan (hereinafter called the Kuwait Fund Loan) in an amount equivalent to about \$5,700,000 to assist in the financing of the foreign exchange cost of the Project on the terms and conditions set forth in an agreement (hereinafter called the Kuwait Fund Loan Agreement) to be entered into between the Borrower and the Kuwait Fund;

(C) the Borrower intends to contract from the African Development Fund (hereinafter called ADF) a credit (hereinafter called the ADF Credit) in an amount equivalent to about \$9,400,000 to assist in the financing of the Project on the terms and conditions set forth in an agreement (hereinafter called the ADF Credit Agreement) to be entered into between the Borrower and the ADF;

(D) the Borrower has contracted or intends to contract from various other institutions, certain grants and loans in an aggregate principal amount equivalent to about \$10,700,000 to assist in financing the Project on the terms and conditions set forth in agreements between the Borrower and such institutions; and

WHEREAS the Association has agreed, on the basis inter alia of the foregoing, to extend the Credit to the Borrower upon the terms and conditions hereinafter set forth;

NOW THEREFORE the parties hereto hereby agree as follows:

ARTICLE I

General Conditions; Definitions

Section 1.01. The parties to this Agreement accept all the provisions of the General Conditions Applicable to Development

Credit Agreements of the Association, dated June 30, 1980, with the same force and effect as if they were fully set forth herein (said General Conditions Applicable to Development Credit Agreements of the Association being hereinafter called the General Conditions).

Section 1.02. Wherever used in this Agreement, unless the context otherwise requires, the several terms defined in the General Conditions have the respective meanings therein set forth and the following additional terms have the following meanings:

(a) "MTP" means the Borrower's Ministry responsible for Public Works;

(b) "DGTP" means Direction Générale des Travaux Publics, the Borrower's Directorate-General of Public Works within MTP;

(c) "DER" means Direction de l'Entretien Routier, the Borrower's Directorate of Road Maintenance within DGTP;

(d) "DM" means Direction du Matériel, the Borrower's Directorate of Equipment Maintenance within DGTP;

(e) "CFPTP" means Centre de Formation Professionnelle des Travaux Publics, the Borrower's Public Works Training Center within DGTP;

(f) "MT" means the Borrower's Ministry responsible for Transportation;

(g) "DED" means Direction des Etudes et de la Documentation, the Borrower's Directorate of Studies and Documentation within MT;

(h) "priority network" means the road segments as specified in Schedule 5 to this Agreement; and

(i) "Road Fund" means the Special Road Fund Account, established in a commercial banking institution within the territory of the Borrower for the exclusive use of MTP in the maintenance of the priority network.

ARTICLE II

The Credit

Section 2.01. The Association agrees to lend to the Borrower, on the terms and conditions in the Development Credit Agreement set forth or referred to, an amount in various currencies equivalent to sixteen million two hundred thousand Special Drawing Rights (SDR 16,200,000).

Section 2.02. The amount of the Credit may be withdrawn from the Credit Account in accordance with the provisions of Schedule 1 to this Agreement, as such Schedule may be amended from time to time by agreement between the Borrower and the Association, for expenditures made (or, if the Association shall so agree, to be made) in respect of the reasonable cost of goods and services required for the Project and to be financed out of the proceeds of the Credit.

Section 2.03. Except as the Association shall otherwise agree, procurement of the goods and civil works required for the Project and to be financed out of the proceeds of the Credit shall be governed by the provisions of Schedule 3 to this Agreement.

Section 2.04. The Closing Date shall be June 30, 1988 or such later date as the Association shall establish. The Association shall promptly notify the Borrower of such later date.

Section 2.05. (a) The Borrower shall pay to the Association a commitment charge at the rate of one-half of one per cent (1/2 of 1%) per annum on the principal amount of the Credit not withdrawn from time to time. The commitment charge shall accrue from a date sixty days after the date of the Development Credit Agreement to the respective dates on which amounts shall be withdrawn by the Borrower from the Credit Account or shall be cancelled.

(b) The commitment charge shall be paid: (i) at such places as the Association shall reasonably request; (ii) without restrictions of any kind imposed by, or in the territory of, the Borrower; and (iii) in the currency specified in this Agreement for the purposes of Section 4.02 of the General Conditions or in such other eligible currency or currencies as may from time to

time be designated or selected pursuant to the provisions of that Section.

Section 2.06. The Borrower shall pay to the Association a service charge at the rate of three-fourths of one per cent ($3/4$ of 1%) per annum on the principal amount of the Credit withdrawn and outstanding from time to time.

Section 2.07. Commitment and service charges shall be payable semiannually on March 1 and September 1 in each year.

Section 2.08. The Borrower shall repay the principal amount of the Credit in semiannual installments payable on each March 1 and September 1 commencing September 1, 1992, and ending March 1, 2032, each installment to and including the installment payable on March 1, 2002, to be one-half of one per cent ($1/2$ of 1%) of such principal amount, and each installment thereafter to be one and one-half per cent ($1-1/2\%$) of such principal amount.

Section 2.09. The currency of the Republic of France is hereby specified for the purposes of Section 4.02 of the General Conditions.

ARTICLE III

Execution of the Project

Section 3.01. The Borrower shall carry out Parts A, B, C and E of the Project through DGTP and Part D of the Project through MT with due diligence and efficiency and in conformity with appropriate engineering, financial and administrative practices, and shall provide, promptly as needed, the funds, facilities, services and other resources required for the purpose.

Section 3.02. In order to assist the Borrower in the carrying out of the Project, the Borrower shall employ consultants whose selection, qualifications, experience and terms and conditions of employment shall be satisfactory to the Association in accordance with the principles and procedures described in the "Guidelines for the Use of Consultants by World Bank Borrowers and by the World Bank as Executing Agency" published by the Bank in August 1981.

Section 3.03. The Borrower shall (i) not later than June 30, 1983, prepare and furnish to the Association the trucking industry study under Part D(1) of the Project in accordance with terms

of reference agreed to between the Borrower and the Association, (ii) propose not later than December 31, 1983, based on the recommendations of the said study, specific measures to strengthen the trucking industry and afford the Association the opportunity to comment thereon, and (iii) promptly thereafter take all measures necessary to strengthen the trucking industry, taking into account the Association's comments.

Section 3.04. (a) The Borrower shall: (i) carry out the training under Part E of the Project in accordance with a training program satisfactory to the Association, (ii) shall annually review with the Association the activities undertaken under the training program during the previous year and the proposed training activities for the next year, and (iii) on the basis of such reviews make, as and when needed, such adjustments in the training program as shall be necessary.

(b) The Borrower shall provide or continue to provide employment within MTP for all students having successfully completed their fellowship programs under Part E (4) of the Project and for all DER and DM staff having successfully completed their training programs under Part E (2) of the Project.

Section 3.05. (a) The Borrower undertakes to insure, or make adequate provision for the insurance of, the imported goods to be financed out of the proceeds of the Credit against hazards incident to the acquisition, transportation and delivery thereof to the place of use or installation, and for such insurance any indemnity shall be payable in a currency freely usable by the Borrower to replace or repair such goods.

(b) The Borrower shall cause all goods and services financed out of the proceeds of the Credit to be used exclusively for the purposes of the Project.

Section 3.06. (a) The Borrower shall furnish to the Association, promptly upon their preparation, the plans, specifications, reports, contract documents and work and procurement schedules for the Project, and any material modifications thereof or additions thereto, in such detail as the Association shall reasonably request.

(b) The Borrower: (i) shall maintain records and procedures adequate to record and monitor the progress of the Project (including its cost and the benefits to be derived from it), to

identify the goods and services financed out of the proceeds of the Credit, and to disclose their use in the Project; (ii) shall enable the Association's representatives to visit the facilities and construction sites included in the Project and to examine the goods financed out of the proceeds of the Credit and any relevant records and documents; and (iii) shall furnish to the Association at regular intervals all such information as the Association shall reasonably request concerning the Project, its cost and, where appropriate, the benefits to be derived from it, the expenditure of the proceeds of the Credit and the goods and services financed out of such proceeds.

(c) Upon the award by the Borrower of any contract for goods, works or services to be financed out of the proceeds of the Credit, the Association may publish a description thereof, the name and nationality of the party to whom the contract was awarded and the contract price.

(d) Promptly after completion of the Project, but in any event not later than six months after the Closing Date or such later date as may be agreed for this purpose between the Borrower and the Association, the Borrower shall prepare and furnish to the Association a report, of such scope and in such detail as the Association shall reasonably request, on the execution and initial operation of the Project, its cost and the benefits derived and to be derived from it, the performance by the Borrower and the Association of their respective obligations under the Development Credit Agreement and the accomplishment of the purposes of the Credit.

Section 3.07. The Borrower shall take or cause to be taken all such action as shall be necessary to acquire as and when needed all such land and rights in respect of land as shall be required for carrying out the Project and shall furnish to the Association, promptly after such acquisition, evidence satisfactory to the Association that such land and rights in respect of land are available for purposes related to the Project.

Section 3.08. Except as the parties hereto shall otherwise agree, the rehabilitation and design standards for the roads to be rehabilitated or reconstructed under the Project shall be as set forth in Schedule 4 to this Agreement.

Section 3.09. In order to carry out Part C (4) of the Project the Borrower undertakes to award the contracts for

routine road maintenance on the rural road sections included in the said Part C (4) to small local contractors.

ARTICLE IV

Other Covenants

Section 4.01. (a) The Borrower shall maintain or cause to be maintained accounts adequate to reflect in accordance with consistently maintained appropriate accounting practices the operations, resources and expenditures, in respect of the Project, of the departments or agencies of the Borrower responsible for carrying out the Project or any part thereof.

(b) Without limitation to the foregoing, the Borrower shall: (i) maintain or cause to be maintained separate accounts reflecting all expenditures on account of which withdrawals are requested from the Credit Account on the basis of statements of expenditure; (ii) retain, until one year after the Closing Date, all records (contracts, orders, invoices, bills, receipts and other documents) evidencing the expenditures on account of which withdrawals are requested from the Credit Account on the basis of statements of expenditure; and (iii) enable the Association's representatives to examine such records.

(c) The Borrower shall: (i) have the accounts referred to in paragraphs (a) and (b) of this Section for each fiscal year audited, in accordance with appropriate auditing principles consistently applied, by independent auditors acceptable to the Association; (ii) furnish to the Association, as soon as available, but in any case not later than six months after the end of each such year, a certified copy of the report of such audit by such auditors, of such scope and in such detail as the Association shall have reasonably requested, including without limitation to the foregoing, separate opinions by said auditors in respect of the accounts of the Road Fund and the expenditures and records referred to in paragraph (b) of this Section as to whether the proceeds of the Credit withdrawn from the Credit Account on the basis of statements of expenditure have been used for the purpose for which they were provided; and (iii) furnish to the Association such other information concerning said separate accounts, records and expenditures and the audit thereof as the Association shall from time to time reasonably request.

Section 4.02. The Borrower shall maintain the Road Fund and shall not make any material change in the organizational, financial and administrative structure of the Road Fund, without prior approval from the Association.

Section 4.03. Except as the Association shall otherwise agree, the Borrower shall: (i) maintain the positions and functions of Advisor to the Minister of Public Works, Administrator of the Road Fund and Deputy Director General of DGTP and (ii) keep these positions filled, at all times, with qualified and experienced personnel.

Section 4.04. The Borrower shall take all measures necessary to adjust, not later than June 30 of each year, beginning June 30, 1982 until completion of the Project, the Road Fund levy on gasoline, premium and diesel fuel so that the revenues raised by said levy will, at all times, be sufficient to cover the expenditures in connection with the maintenance of the priority network. Said levy, however, shall in real terms at no time be less than the level at which the levy was set in June 1981.

Section 4.05. (a) The Borrower shall cause its national road network including the priority network to be adequately maintained and shall cause all necessary repairs thereof to be made promptly, all in accordance with appropriate engineering practices, and shall provide or cause to be provided, promptly as needed, the funds, facilities, services and other resources required for the foregoing.

(b) The Borrower shall adequately operate, maintain, renew and acquire as necessary, the machinery, equipment, spare parts, workshops and other repair facilities required therefor, all in accordance with appropriate engineering, financial and administrative practices.

ARTICLE V

Remedies of the Association

Section 5.01. (a) For the purposes of Section 6.02 of the General Conditions, the following additional event is specified pursuant to paragraph (h) thereof, namely, that subject to paragraph (b) of this Section:

- (i) The right of the Borrower to withdraw the proceeds of the Kuwait Fund Loan or the ADF Credit made to the Borrower for the financing of the Project shall have been suspended, cancelled or terminated in whole or in part, pursuant to the terms of the Kuwait Fund Loan Agreement or the ADF Credit Agreement providing therefor, or
- (ii) the Kuwait Fund Loan or the ADF Credit shall have become due and payable prior to the agreed maturity thereof.

(b) Paragraph (a) of this Section shall not apply if the Borrower establishes to the satisfaction of the Association that:

- (i) such suspension, cancellation, termination or prematuring is not caused by the failure of the Borrower to perform any of its obligations under such agreement; and
- (ii) adequate funds for the Project are available to the Borrower from other sources on terms and conditions consistent with the obligations of the Borrower under this Agreement.

Section 5.02. For the purposes of Section 7.01 of the General Conditions, the following additional event is specified pursuant to paragraph (d) thereof namely, that the event specified in paragraph (a) (ii) of Section 5.01 of this Agreement shall occur, subject to the proviso of paragraph (b) of that Section.

ARTICLE VI

Effective Date; Termination

Section 6.01. The following events are specified as additional conditions to the effectiveness of the Development Credit Agreement within the meaning of Section 12.01 (b) of the General Conditions:

- (a) a qualified and experienced Administrator of the Road Fund shall have been appointed; and
- (b) all conditions precedent to the effectiveness of the Kuwait Fund Loan Agreement have been fulfilled except the effectiveness of this Agreement;

(c) all conditions precedent to the effectiveness of the ADF Credit Agreement have been fulfilled except the effectiveness of this Agreement.

Section 6.02. The date, *October 28, 1982,* is hereby specified for the purposes of Section 12.04 of the General Conditions.

Section 6.03. The obligations of the Borrower under Sections 4.02, 4.03, 4.05 and 5.02 of this Agreement shall cease and determine on the date on which the Development Credit Agreement shall terminate or on a date twenty years after the date of this Agreement, whichever shall be the earlier.

ARTICLE VII

Representative of the Borrower; Addresses

Section 7.01. The Minister of the Borrower at the time responsible for Finance is designated as representative of the Borrower for the purposes of Section 11.03 of the General Conditions.

Section 7.02. The following addresses are specified for the purposes of Section 11.01 of the General Conditions:

For the Borrower:

Ministry of Economy and Finance
P.O. Box 912
Bangui
Central African Republic

Cable address:

MINIFINANCES
Bangui

Telex:

5280 RC

For the Association:

International Development Association
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Cable address:

INDEVAS
Washington, D.C.

Telex:

440098 (ITT)
248423 (RCA) or
64145 (WUI)

IN WITNESS WHEREOF, the parties hereto, acting through their representatives thereunto duly authorized, have caused this Agreement to be signed in their respective names in the District of Columbia, United States of America, as of the day and year first above written.

CENTRAL AFRICAN REPUBLIC

By *1st Jacques Toppa*
Authorized Representative

INTERNATIONAL DEVELOPMENT ASSOCIATION

By *1st Xavier de la Renaudiere*
Acting Regional Vice President
Western Africa

SCHEDULE 1

Withdrawal of the Proceeds of the Credit

1. The table below sets forth the Categories of items to be financed out of the proceeds of the Credit, the allocation of the amounts of the Credit to each Category and the percentage of expenditures for items so to be financed in each Category:

<u>Category</u>	<u>Amount of the Credit Allocated (Expressed in SDR Equivalent)</u>	<u>% of Expenditures to be Financed</u>
(1) Civil works under Parts A (2), A (3) and B (1) of the Project	8,270,000	100%
(2) Technical Assistance and Consultants' Ser- vices	3,060,000	100%
(3) Equipment and mate- rials for Parts B (1) and C (4) of the Project	900,000	100%
(4) Unallocated	3,970,000	
	<hr/>	
	TOTAL	
	16,200,000	
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2. The disbursement percentages have been calculated in compliance with the policy of the Association that no proceeds of the Credit shall be disbursed on account of payments for taxes levied by, or in the territory of, the Borrower on goods or services, or on the importation, manufacture, procurement or supply thereof; to that end, if the amount of any such taxes levied on or in respect of any item to be financed out of the proceeds of the Credit decreases or increases, the Association may, by notice to the Borrower, increase or decrease the disbursement percentage then applicable to such item as required to be consistent with the aforementioned policy of the Association.

3. Notwithstanding the provisions of paragraph 1 above, no withdrawals shall be made in respect of payments made for expenditures prior to the date of this Agreement except that withdrawals, in an aggregate amount not exceeding the equivalent of \$360,000, may be made in respect of Category 2 on account of payment made for such expenditures before that date but after March 1, 1982.

4. Notwithstanding the allocation of an amount of the Credit or the disbursement percentages set forth in the table in paragraph 1 above, if the Association has reasonably estimated that the amount of the Credit then allocated to any Category will be insufficient to finance the agreed percentage of all expenditures in that Category, the Association may, by notice to the Borrower: (i) reallocate to such Category, to the extent required to meet the estimated shortfall, proceeds of the Credit which are then allocated to another Category and which in the opinion of the Association are not needed to meet other expenditures; and (ii) if such reallocation cannot fully meet the estimated shortfall, reduce the disbursement percentage then applicable to such expenditures in order that further withdrawals under such Category may continue until all expenditures thereunder shall have been made.

5. If the Association shall have reasonably determined that the procurement of any item in any Category is inconsistent with the procedures set forth or referred to in this Agreement, no expenditures for such item shall be financed out of the proceeds of the Credit and the Association may, without in any way restricting or limiting any other right, power or remedy of the Association under the Development Credit Agreement, by notice to the Borrower, cancel such amount of the Credit as, in the Association's reasonable opinion, represents the amount of such expenditures which would otherwise have been eligible for financing out of the proceeds of the Credit.

SCHEDULE 2

Description of the Project

Part A: Rehabilitation of Roads

- (1) Rehabilitation to all-weather condition of about 550 km of gravel roads and about 110 km of paved roads of the Borrower's priority network and supervision of the works;
- (2) Rehabilitation of the Bambari-Bangassou road (about 350 km) and supervision of the works;
- (3) Reconstruction of the Sibut-Sido road (about 320 km) and supervision of the works; and
- (4) Complementary works for the rehabilitation and reconstruction of the roads above.

Part B:

- (1) Renovation, construction and re-equipping of offices and workshops for DER, DM and CFPTP; and
- (2) Acquisition of highway equipment and spare parts.

Part C: Technical Assistance to DGTP

- (1) Strengthening DER's road maintenance capability;
- (2) Strengthening DM's equipment maintenance capability;
- (3) Execution of CFPTP's training program; and
- (4) Development of a pilot scheme to promote the execution of routine road maintenance activities by small local contractors in rural areas; such scheme to cover initially about 500 km of road in a selected district.

Part D: Technical Assistance to MT

- (1) Carrying out of a study on the trucking sector; and

- (2) Development of DED's capacity for transport planning by establishing a transport documentation center, developing and implementing a training program.

Part E: Training

- (1) Short-term training courses in Bangui for about 470 office and field staff of DER and DM in the first year of the Project;
- (2) Training abroad of four instructors (one highway technician and three chief mechanics) and about 42 key road and equipment maintenance staff of DER and DM;
- (3) Upon return of the four instructors under Part E (2) above, on-the-job training of about 350 additional office and field staff of DER and DM; and
- (4) Nine fellowships abroad for engineering students.

* * *

The Project is expected to be completed by December 31, 1987.

SCHEDULE 3

Procurement

A. International Competitive Bidding

1. Except as provided in Part B hereof, goods and civil works shall be procured under contracts awarded in accordance with procedures consistent with those set forth in the current edition of the "Guidelines for Procurement under World Bank Loans and IDA Credits" published by the Bank in March 1977 (hereinafter called the Guidelines), on the basis of international competitive bidding as described in Part A of the Guidelines.

2. For goods and works to be procured on the basis of international competitive bidding, in addition to the requirements of paragraph 1.2 of the Guidelines, the Borrower shall prepare and forward to the Association as soon as possible, and in any event not later than 60 days prior to the date of availability to the public of the first tender or prequalification documents relating thereto, as the case may be, a general procurement notice, in such form and detail and containing such information as the Association shall reasonably request; the Association will arrange for the publication of such notice in order to provide timely notification to prospective bidders of the opportunity to bid for the works in question. The Borrower shall provide the necessary information to update such notice annually so long as any goods and works remain to be procured on the basis of international competitive bidding.

3. For the purpose of evaluation and comparison of bids for the supply of goods to be procured on the basis of international competitive bidding: (i) bidders shall be required to state in their bid the c.i.f. (port of entry) price for the imported goods, or the ex-factory price or off-the-shelf price of other goods, offered in such bid; (ii) customs duties and other import taxes levied in connection with the importation, or the sales and similar taxes levied in connection with the sale or delivery, pursuant to the bid, of the goods shall not be taken into account in the evaluation of the bids; and (iii) the cost of inland freight and other expenditures incidental to the delivery of the goods to the place of their use or installation shall be included.

B. Other Procurement Procedures

1. Contracts for civil works under Part B (1) of the Project may be awarded on the basis of competitive bidding advertised locally in accordance with local procedures acceptable to the Association.

2. Equipment and materials for Part C (4) of the Project may be procured through local shopping procedures, including the solicitation of quotations from at least 3 suppliers in the Central African Republic.

C. Review of Procurement Decisions by the Association

1. Review of invitations to bid and of proposed awards and final contracts:

With respect to all contracts estimated to cost the equivalent of \$100,000 or more:

(a) Before bids are invited, the Borrower shall furnish to the Association, for its comments, the text of the invitations to bid and the specifications and other bidding documents, together with a description of the advertising procedures to be followed for the bidding, and shall make such modifications in the said documents or procedures as the Association shall reasonably request. Any further modification to the bidding documents shall require the Association's concurrence before it is issued to the prospective bidders.

(b) After bids have been received and evaluated, the Borrower shall, before a final decision on the award is made, inform the Association of the name of the bidder to which it intends to award the contract and shall furnish to the Association, in sufficient time for its review, a detailed report on the evaluation and comparison of the bids received, and such other information as the Association shall reasonably request. The Association shall, if it determines that the intended award would be inconsistent with the Guidelines or this Schedule, promptly inform the Borrower and state the reasons for such determination.

(c) The terms and conditions of the contract shall not, without the Association's concurrence, materially differ from those on which bids were asked or prequalification was invited.

(d) Two conformed copies of the contract shall be furnished to the Association promptly after its execution and prior to the submission to the Association of the first application for withdrawal of funds from the Credit Account in respect of such contract.

2. With respect to each contract not governed by the preceding paragraph, the Borrower shall furnish to the Association, promptly after its execution and prior to the submission to the Association of the first application for withdrawal of funds from the Credit Account in respect of such contract, two conformed copies of such contract, together with the analysis of the respective bids, recommendations for award and such other information as the Association shall reasonably request. The Association shall, if it determines that the award of the contract was not consistent with the Guidelines or this Schedule, promptly inform the Borrower and state the reasons for such determination.

3. Before agreeing to any material modification or waiver of the terms and conditions of a contract, or granting an extension of the stipulated time for performance of such contract, or issuing any change order under such contract (except in cases of extreme urgency) which would increase the cost of the contract by more than 15% of the original price, the Borrower shall inform the Association of the proposed modification, waiver, extension or change order and the reasons therefor. The Association, if it determines that the proposal would be inconsistent with the provisions of this Agreement, shall promptly inform the Borrower and state the reasons for its determination.

SCHEDULE 4

Design Standards for the Rehabilitation and Reconstruction of the Roads under the Project

PAVED ROADS			
2 Lanes	Bangui-M'Baiki	Carriageway Width: Shoulders Width: Structure of the pavement (reconstructed sections): surfacing: base : sub-base : sub-grade:	6m 2x1m SBST Laterite - 3% cement Laterite Draining materials 0.15m 0.15 to 0.30m if needed
2 Lanes and 2 Cycle tracks	Bangui-Ymbi	Carriageway, including cycle tracks width: Sidewalks width: Structure of the pavement surfacing: base: sub-base Design Speed: Minimum horizontal curve radius at 2.5% of superelevation:	11.6m 2+3m DBST Laterite - 3% cement Laterite 0.15m 0.30m 60 km/h 450m
GRAVEL ROADS			
Type Regular	Sibut-Bambari Sibut-Kaga Bandoro	Cleared Width: Widened sections (40 to 50%): Formation width: Gravelled width: Non-widened sections: Minimum formation width: Regravelled width: Minimum gravel thickness:	15m 6.8m 6.4m 5.3m 4.9m 0.10m
Type Inter-mediate	Bambari-Alindao Kaga Bandoro-Sido Bossebele-Bossangoa	Cleared Width: Widened sections (10%): Formation width: Gravelled width: Non-widened sections: Minimum formation width: Regravelled width: Minimum gravel thickness:	10m 6m 5.6m 4.8m 4.4 0.06m
Type Light	Alindao-Bangassou Bossangoa-Bedaoyo	Cleared width: Minimum formation width: Drainage works, grading and spot regravelling:	10m 4.8m

SCHEDULE 5

Priority Network

<u>National Roads Paved</u>		<u>Length Km</u>
N1	Ymbi-Bossembélé	147
N1	Bangui-Ymbi	6.5
N1	Urban Sections in Bangui	4.5
N2	Ymbi-Damara	65
N2	Damara-Sibut	112
N6	Bangui-M'Baiki	102
N6	Urban Sections in Bangui	<u>5</u>
	Subtotal	442

<u>National Roads Laterite</u>		<u>Length Km</u>
N1	Bossembélé-Bossangoa	148
N1	Bossangoa-Bedaoyo	195
N2	Sibut-Bambari	200
N2	Bambari-Alindao	120
N2	Alindao-Bangassou	239
N3	Bossembélé-Garoua-Boulai	453
N4	Kabo-Sido	62
N5	Bambari-Ippy	111
N6	Carnot-Berberati	88
N6	Berberati-Gamboula	86
N7	Bossembélé-Bozoum	87
N8	Sibut-Kaga-Bandoro	154
N8	Kaga-Bandoro-M'Brés	83
N9	Kongbo-Mobaye	66
N10	Berberati-Nola	134
N11	Baoro-Carnot	<u>104</u>
	Subtotal	2330

<u>Regional Roads Laterite</u>		<u>Length Km</u>
R10	Batangafu-Ouandago	62
R10	Kaga Bandoro-Ouandago	50
R13	Grimari-Kouango	110
R15	Bambari-Aldinao	<u>85</u>
	Subtotal	307

<u>Unclassified Earth Road</u>	<u>Length Km</u>
Ouandago-Kabo	<u>57</u>
TOTAL	3136

INTERNATIONAL DEVELOPMENT ASSOCIATION

CERTIFICATE

I hereby certify that the foregoing is a true copy of the original in the archives of the International Development Association.

In witness whereof I have signed this Certificate and affixed the Seal of the Association thereunto the 29th day of July, 1982.

S. N. Chis
FOR SECRETARY