

PROJECT ASSISTANCE COMPLETION REPORT

Rural Trails and Access Roads
(Project No. 522-0164)
(Loan No. 522-T-035)

I. BACKGROUND

In the early 70's, the GOH became interested in developing the western region of the country and with this objective in mind designed the Western Regional Development Project (PRODERO). Based on an integrated development approach, PRODERO was conceived as the means to deliver educational, health, transport, agricultural credit and extension services to this area. On March 24, 1980 AID authorized a grant of \$230,000 and a loan of \$10,970,000 for the Rural Trails and Access Roads project. This project was originally designed to support PRODERO's development efforts, but with a subsequent incremental authorization of \$500,000 in grant funds and \$10,000,000 in loan funds, AID expanded the geographic areas to be served by the project to other regions in Honduras.

The original Project Assistance Completion Date was amended from March 31, 1983 to March 31, 1984 and later to March 31, 1987.

II. PROJECT GOAL AND PURPOSE

The goal of the project was to increase the income of, and delivery of social and technical services to, small farm families in rural areas.

The original project purpose was to provide for the expansion of the network of all-weather rural trails and access roads in selected regions of the country and increase the number of kilometers of all-weather dirt roads that are maintained by the Directorate General of Maintenance (DGM) of the Ministry of Communications, Public Works and Transportation (SECOPT). The purpose was amended to expand the Rural Trails and Access Roads project to include other regions of high agricultural potential within Honduras.

III. PROJECT DESCRIPTION

The project consisted of three components: (a) restoration, improvement and/or construction of access roads; (b) improvement and reconstruction of rural trails; and (c) improvement of the maintenance capability of DGM through the repair of its equipment.

Project funds were to be used by the General Directorate of Highways (DGC) to carry out the rehabilitation of approximately 1500 kilometers of rural trails and access roads located in selected regions of Honduras. In addition, 50 units of road maintenance equipment belonging to SECOPT were to be repaired under the project.

The rural trails component of the project was to be oriented more towards social action in that social promoters were assigned to work with the DGC in organizing communities to provide manual labor for the construction of rural trails in their area. For this reason, the rural trails component was expected to be more labor intensive than the access roads component. The distinction between rural trails and rural roads was later eliminated as a consequence of the unreliability of hand labor to be provided by communities benefiting from the project. The volume of traffic in areas where roads were being constructed was used as a basis for determining the standards of the roads rehabilitated.

The roads to be reconstructed under the project were selected from a list of requests for road improvements submitted to the DGC by communities located within the area of geographical focus of the project. Final selection of the roads depended on the results of socio-economic studies and cost/benefit analyses performed by the DGC.

The method adopted for constructing the rural roads required contractors to rent to the DGC the equipment needed for earthworks, to supply all necessary materials for surfacing and drainage structures, and to provide required

manual labor. Under this system equipment rental was paid for on an hourly basis, but both surfacing materials and drainage structures were paid for on a unit price basis. Individual contract awards were limited to \$500,000. Field engineers assigned to the project sites by the DGC determined route location, designed drainage structures and insured that contractors complied with contract responsibilities. DGC field engineers were monitored by AID engineers. The use of unit price payments motivated contractors to finish jobs at a faster rate than had been anticipated. Stringent monitoring by AID engineers was credited for ensuring that contractors did not compromise quality for the sake of speed.

IV. SUMMARY OF OBLIGATIONS

<u>DATE OF OBLIGATION</u>	<u>AMOUNT OF OBLIGATION</u>	
	<u>LOAN</u>	<u>GRANT</u>
March 30, 1980	\$ 8,000,000	230,000
May 20, 1982, Amend. 1	1,000,000	
August 30, 1982, Amend. 2	1,970,000	
March 6, 1984, Amend. 4	10,000,000	250,000
February 8, 1985, Amend. 5		<u>250,000</u>
TOTAL:	\$ 20,970,000	730,000

V. CURRENT PROJECT STATUS

The project is completed. Fifteen kilometers under construction at the close of the project were transferred to the subsequent Rural Roads II project.

VI. OUTPUTS

Outputs accomplished under the project were:

<u>OUTPUT</u>	<u>LOP TARGET</u>	<u>ACCOMPLISHED</u>
1. Reconstruction of rural trails and access roads	1,500 km	1,510 km
2. Construction of bridges	200 m	308 m (8 bridges)
3. Repair of maintenance equipment	50	50

The rural roads constructed under the project cost an average of \$16,750 per kilometer.

VII. OTHER ACCOMPLISHMENTS

The contracts awarded by the project attracted small construction companies whose participation in project construction activities contributed to their survival in a depressed economy.

VIII. EXTENT TO WHICH ORIGINAL PROBLEM HAS BEEN SOLVED

The problem addressed by this project was the need for expansion of the network of access roads in several regions of agricultural potential in Honduras. This problem was effectively addressed in that the Rural Trails and Access Roads project achieved one hundred percent of its planned outputs. These achievements were, however, partially nullified when many rural roads constructed under the program subsequently deteriorated due to lack of maintenance by the DGM. In addition, other areas of the country lacked sufficient access roads providing the impetus for the follow on project Rural Roads II 522-0214.

The benefits generated by the project outputs cannot be quantified in absolute terms. In relative terms, however, areas targeted for development by PRODERO and the other areas selected for the rural roads project did increase in their development. The geographic area covered by the project has experienced substantial increases in agricultural production, commerce, and access to education and health services. Though agricultural and other extension services contributed to these increases, most of the services did not work in the area until the reconstruction of rural roads facilitated their entry.

Again because of inadequate maintenance provided by the DGM, the benefits derived from the project outputs diminished as the rural roads constructed under the Project deteriorated.

IX. EVALUATIONS

Two major evaluations and one audit of the project were carried out. An evaluation conducted in October of 1983 by a Honduran engineering firm, Servicios Especializados en Ingeniería y Administración, S.A. (SEISA), recommended that contractors be provided construction drawings and standard manuals indicating the technical specifications of the work to be performed. This was later accomplished.

Development Associates Inc., an independent consulting firm from Washington, D.C., evaluated Rural Roads I and II in October of 1988. This evaluation found both projects to have been successfully executed except for the lack of GOH maintenance of the rural roads completed under the projects. The evaluation also recommended that AID review its procedure for carrying out the final inspection of the rural roads completed by the contractors.

In February of 1985 a Regional Inspector General's audit commended the construction program, but also called for greater conformance to established construction standards. The same audit recommended stricter administrative controls over SECOPT to ensure that the GOH would meet its obligation to maintain the rural roads constructed under the projects.

X. FINANCIAL STATUS

<u>ITEM</u>	<u>GRANT</u>			
	<u>OBLIGATED</u>	<u>COMMITTED</u>	<u>DISBURSED</u>	<u>UNEXPENDED</u>
Construction	680,000	601,292	601,292	78,708
Training	5,000	5,077	5,077	(77)
Inflation and Contingencies	45,000	42,749	42,749	2,251
SUBTOTAL	<u>730,000</u>	<u>649,118</u>	<u>649,118</u>	<u>80,882</u>

<u>ITEM</u>	<u>LOAN</u>			
	<u>OBLIGATED</u>	<u>COMMITTED</u>	<u>DISBURSED</u>	<u>UNEXPENDED</u>
Construction	18,605,000	18,646,590	18,646,590	(41,590)
Maintenance	795,000	792,025	792,025	2,975
Evaluation	150,000	122,408	122,408	27,592
Training	0	0	0	
Inflation and Contingencies	1,420,000	513,593	513,593	906,407
SUBTOTAL	<u>20,970,000</u>	<u>20,074,616</u>	<u>20,074,616</u>	<u>895,384</u>
GRAND TOTAL	21,700,000 ^{1/}	20,723,734	20,723,734	976,266

1/ On August 26, 1988, \$80,882 in grant funds and \$895,384 in loan funds were deobligated.

$$\frac{\text{Disbursed Funds}}{\text{Obligated Funds}} = \frac{20,723,734}{21,700,000} = 95\%$$

Counterpart expenditures were L 9,238,592

XI. LESSONS LEARNED

1. If rural roads construction works are well monitored, considerable savings can be realized by paying contractors on a unit price basis rather than on an hourly basis.
2. Contracting out construction of roads to private firms and establishing a maximum contract amount of \$500,000 permits expeditious project implementation and allows firm control over project execution.
3. Close and continuous AID monitoring of construction works was the key to the effective use of unit price payments under this project.
4. Having established a maximum contract award amount of \$500,000, this project attracted only small construction firms. Future rural road construction projects with similar maximum contract awards should program adequate lead time to allow for the additional time smaller firms generally require to obtain bonding and to fulfill other legal requirements.
5. Construction manuals are indispensable tools for standardizing work performed in road construction projects that involve numerous contractors.
6. The effective use of a rotating fund permits timely payments to contractors.

7. The most serious problem in this project was the GOH lack of proper road maintenance. Rehabilitation of maintenance equipment was not an effective solution to this problem since the repaired equipment was diverted to other roads or uses. Inadequate equipment, small budgets, and insufficient trained personnel also rendered SECOPT incapable of fulfilling its counterpart responsibility for the maintenance component of this project. The design of future AID-supported road projects should incorporate a mechanism to ensure that the recurrent problem of rural road maintenance in Honduras receives the attention and funding it requires from the GOH.

8. Volunteer community participation activities did not materialize as envisioned in the project design for two reasons: (a) the available workforce was insufficient because rural residents placed a higher priority on working in their fields; and (b) contractors found it more efficient and therefore more profitable to use their own labor. Rural road construction projects, especially those that contract out to construction firms on a unit price basis, may find it unsuccessful to rely solely on volunteer community efforts for certain phases of the project. As has been demonstrated through implementation of the peon caminero concept in the subsequent Rural Roads II Project, some compensation to community members responsible for providing hand labor is a more realistic approach.

MACS-P063

USAID / HONDURAS
SUMMARY PROJECT FINANCIAL REPORT BY PROJECT ELEMENT
AS OF 05/27/89

DATE : 06/27/89
REPORT PAGE NO.: 1
MISSION PAGE NO.: 1

OPTION NO.: 6

COUNTRY CODE: 522

OFFICE CODE: 800

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING

PROJECT NO./ ELEMENT NO.	PROJECT TITLE/ ELEMENT DESCRIPTION	FUND TYPE	START DT/ PACD	LIFE OF PROJ FUND	BLIGATIONS TO DATE	REMARKS TO DATE	COMMITMENTS TO DATE	EXPENDITURES TO DATE	PIPELINE
5220164.00	RURAL TRAILS & ACCESS ROADS	G	03/31/80	730,000	649,117	649,117	649,117	649,117	0
01	CONSTRUCTION		03/31/87		601,293	601,293	601,293	601,293	0
04	TRAINING				5,075	5,075	5,075	5,075	0
05	INFLATION & CONTINGENCIES				42,749	42,749	42,749	42,749	0
5220164.00	RURAL TRAILS & ACCESS ROADS	L	03/31/80	20,970,000	20,074,617	20,074,617	20,074,617	20,074,617	0
01	CONSTRUCTION		03/31/87		18,646,591	18,646,591	18,646,591	18,646,591	0
02	MAINTENANCE				792,025	792,025	792,025	792,025	0
03	EVALUATION				122,407	122,407	122,407	122,407	0
04	TRAINING				0	0	0	0	0
05	INFLATION & CONTINGENCIES				513,594	513,594	513,594	513,594	0
99	TO BE DISTRIBUTED				0	0	0	0	0
PROJECT TOTALS > > >					20,723,734		20,723,734		0
						20,723,734		20,723,734	

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USAID / HONDURAS
 COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
 AS OF 06/27/89

DATE : 06/27/89
 REPORT PAGE NO.: 1
 MISSION PAGE NO.: 1

OPTION NO.: 2

OFFICE CODE: 800
 PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
 PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIP

EARMARK
 DESCRIPTION

EARMARK CNTL NO./
 DESCRIPTION

OBLIGATED/
 EARMARKED

COMMITTED

DISBURSED

UNLIQUIDATED
 OBLIGATED

ACCUMULATED

UNEXPENDED
 OBLIGATED

BUDGET PLAN CODE: LDAA-80-25522-AG12 APPROPRIATION SYMBOL: 72-11M1021

ELEMENT NO. : 1

ELEMENT NAME: CONSTRUCTION

ELEMENT NO.	ELEMENT NAME	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIGATED	ACCUMULATED	UNEXPENDED OBLIGATED
FLO0003	E200013 FULLY LIQUIDATED	211,634	211,634	211,634	0	0	0
DD-522-86-0098	E601078	0	0	0	0	0	0
DD-522-86-0104	EDUC ALLOWANCE CMAXWELL (TEMP E601206	500	500	500	0	0	0
PIL 7	COST TRANSP FOR 6 VEHICLES E200017	69,151	69,151	69,151	0	0	0
PIL-522-0164-032	TECHNICAL ASSISTANCE E300284	0	0	0	0	0	0
PIO/C-522-0164-4-00181	EQUIPMENT IN SUPPORT CONST AC E300870	47,866	47,866	47,866	0	0	0
PIO/C-522-0164-4-00215	PURCHASE OF 4 CJ JEEPS E400500	602	602	602	0	0	0
PIO/C-522-0164-4-00256	PROCUREMENT OF VEHICLE ITEMS E600286	550	550	550	0	0	0
PIO/C-522-0164-4-00261	PURCHASE OF HAND TOOLS E601401	0	0	0	0	0	0
PIO/T-522-0164-3-00200	PURCHASE OF ENG EQUIPMENT E301648	56,268	56,268	56,268	0	0	0
PIO/T-522-0164-3-00248	CONT. BETWEEN AID & SECOPY E500646	5,493	5,493	5,493	0	0	0
PIO/T-522-0164-3-00258	DONALD BRIDWELL CONT A601166	0	0	0	0	0	0
PIO/T-522-0164-3-00258	PASA CONTRACT CARL MAXWELL E601166	19,563	19,563	19,563	0	0	0
PIO/T-522-0164-3-40223	PASA CONTRACT CARL MAXWELL A701973	33	33	33	0	0	0
	CONT RAYMOND MCGUIRE						
	EARMARKED TOTALS > > >	211,634	211,634	211,634	0	0	0
	UNEARMARKED BALANCE	0					
	BUDGET ALLOWANCE TOTALS > > >	211,634	211,634	211,634	0	0	0

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USAID / HONDURAS
COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
AS OF 06/27/89

DATE : 06/27/89
REPORT PAGE NO.: 2
MISSION PAGE NO.: 2

OPTION NO.: 2

OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK
DESCRIPTION

EARMARK CNTL NO./
DESCRIPTION

OBLIGATED/
EARMARKED

COMMITTED

DISBURSED

UNLIQUIDATED
OBLIG./EAB

ACCUMULATED

UNEXPENDED
OBLIG./EAB

BUDGET PLAN CODE: LQAA-84-25522-AG13 APPROPRIATION SYMBOL: 72-11M1021

ELEMENT NO. : 1

ELEMENT NAME: CONSTRUCTION

		COMMITTED	DISBURSED	UNLIQUIDATED OBLIG./EAB	ACCUMULATED	UNEXPENDED OBLIG./EAB
		189,636	189,635	189,635	1	0
CD-522-84-054	E401406	70	70	70	C	0
	MED SERVICES MAXWELL'S WIFE					
DD-522-84-057	E401541	537	537	537	0	0
	MED EXAM MAXWELL & DEPENDENTS					
PID/T-522-0164-2-40079	E401237	65,899	65,899	65,899	0	0
	PASA CARL MAXWELL					
PID/T-522-0164-2-40079	E402238	72,061	72,061	72,061	C	0
	PARTICIP AGENCY USDA MAXWELL					
PID/T-522-0164-3-40079	A401237	0	0	0	0	0
	PASA CARL MAXWELL					
PID/T-522-0164-3-40177	E501036	41,789	41,789	41,789	C	0
	LIAISON BETWEEN AID/SECOPT					
PID/T-522-0164-3-40178	E501037	3,544	3,544	3,544	0	0
	CONT DONALD BRIDWELL					
TA-522-84-0158	E401365	4,998	4,998	4,998	C	0
	HOME LEAVE MAXWELL DEPENDENTS					
TA-522-84-0158	E401366	737	737	737	0	0
	GUARD SERVICES MAXWELL'S RESD					
	EARMARKED TOTALS > > >	189,635				
	UNEARMARKED BALANCE	1				

ELEMENT NO. : 4

ELEMENT NAME: TRAINING

		COMMITTED	DISBURSED	UNLIQUIDATED OBLIG./EAB	ACCUMULATED	UNEXPENDED OBLIG./EAB
		5,075	5,077	5,077	2-	0
PIG/C-522-0164-4-40199	E502822	0	0	0	0	0
	PURCHASE OF BOOKS					
PIG/T-522-0164-3-40200	E502823	1,996	1,996	1,996	C	0
	TRAINING IN IBM SYSTEM					
TA-522-85-90090	E501565	1,027	1,027	1,027	C	0
	TEG-REP DOM-TEG EDWIN LEIVA					
TA-522-85-90091	E501566	1,027	1,027	1,027	0	0
	TEG-REP DOM-TG/MIGUEL MORAZAN					
TA-522-85-90092	E501567	1,027	1,027	1,027	C	0
	TEG-REP DOM-TG CARLOS CARCAMO					
	EARMARKED TOTALS > > >	5,077				
	UNEARMARKED BALANCE	2-				

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USAID / HONDURAS
COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
AS OF 06/27/89

DATE : 06/27/89
REPORT PAGE NO.: 3
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OPTION NO.: 2
OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

MARK	DESCRIPTION	OBLIGATED/ MARKED	COMMITTED	DISBURSED	UNLIQUIDATED DELIG/EAR	ACCUMULATED	UNEXPENDED DELIG/EAR
BUDGET PLAN CODE: LDAA-84-25522-AG13 APPROPRIATION SYMBOL: 72-11M1021							
ELEMENT NO. :	5						
ELEMENT NAME:	INFLATION & CONTINGENCIES	32,753	32,753	32,753	0	0	0
PID/C-522-0164-4-40162	E501417	4,251	4,251	4,251	0	0	0
	1 FEDDERS AIRCONDITNR SECOPT						
PID/C-522-0164-4-40183	E501418	10,000	10,000	10,000	0	0	0
	SOFTWARE & SUPPLIES/SECOPT						
PID/C-522-0164-4-40188	E501602	6,341	6,341	6,341	0	0	0
	PURCH SOFTWARE-HARDWARE-SECOPT						
PID/C-522-0164-4-40209	E600212	0	0	0	0	0	0
	PROCUREMENT OF HAND TOOLS						
PID/T-522-0164-3-40181	E501342	9,100	9,100	9,100	0	0	0
	CONT ING RAMIRO ZUNIGA						
PID/T-522-0164-3-40223	E701073	3,061	3,061	3,061	0	0	0
	CONT RAYMOND MCGUIRE						
EARMARKED TOTALS > > >		32,753					
UNEARMARKED BALANCE		0					
BUDGET ALLOWANCE TOTALS > > >		227,464	227,465	227,455	1-	0	1-

OPTION NO.: 2
 OFFICE CODE: 800
 PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
 PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK DESCRIPTION	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNOBLIGATED UNENCUMBERED	ACCUMULATED	UNEXPENDED OBLIGATED
BUDGET PLAN CODE: UOAA-35-25522-AG13 APPROPRIATION SYMBOL: 72-11M1021							
ELEMENT NO. : 1 ELEMENT NAME: CONSTRUCTION		200,023	200,023	200,023	0	0	0
CD-522-36-0152	E603510 VEHICLE REPAIR	377	377	377	0	0	0
PID/C-522-0164-4-50309	E603107 PURCHASE OF EQUIPMENT	36,390	36,390	36,390	0	0	0
PID/T-522-0164-3-50407	E601287 CONT AMEND FOR CARL MAXWELL	40,322	40,322	40,322	0	0	0
PID/T-522-0164-3-50407	E604199 CONT AMEND CARL MAXWELL	7,549	7,549	7,549	0	0	0
PID/T-522-0164-3-50447	E601855 TRAINING FOR MAINT TECHNIQUES	9,748	9,748	9,748	0	0	0
PID/T-522-0164-4-50052	E601190 PURCH 3 VEHICLES FORD MOTORS	104,052	104,052	104,052	0	0	0
TA-522-85-90200	E600398 ED TRV ALLOW G. MAXWELL	0	0	0	0	0	0
TA-522-86-0378	E605725 HOME LEAVE - CARL MAXWELL	1,346	1,346	1,346	0	0	0
TA-522-87-90019	E700208 IN COUNTR, TRVL CARL MAXWELL	239	239	239	0	0	0
EARMARKED TOTALS > > >		200,023					
UNEARMARKED BALANCE		0					
ELEMENT NO. : 5 ELEMENT NAME: INFLATION & CONTINGENCIES		9,996	9,996	9,996	0	0	0
PID/T-522-0164-3-50268	E502899 CONT FOR JOSE R. ZUNIGA	5,000	5,000	5,000	0	0	0
PID/T-522-0164-3-50563	E701074 CONT RAYMOND MCGUIRE	4,996	4,996	4,996	0	0	0
EARMARKED TOTALS > > >		9,996					
UNEARMARKED BALANCE		0					
BUDGET ALLOWANCE TOTALS > > >		210,019	210,019	210,019	0	0	0

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USAID / HONDURAS
COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
AS OF 06/27/89

DATE : 06/27/89
REPORT PAGE NO.: 5
MISSION PAGE NO.: 5

OPTION NO.: 2
OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK
DOC. NO.

EARMARK CNTL NO./
DESCRIPTION

OBLIGATED/
EARMARKED

COMMITTED

DISBURSED

UNLIQUIDATED
OBLIGATED

ACCUMULATED

UNEXPENDED
OBLIGATED

GRANT TOTALS > > >

649,117

649,115

649,115

1-

0

1-

14

OPTION NO.: 2
 OFFICE CODE: 800
 PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
 PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK DESC. NO.	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG. EAB	ACCUMULATED	UNEXPENDED OBLIG. EAB
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BUDGET PLAN CODE: LDAA-80-35522-AL19 APPROPRIATION SYMBOL: 72-11M1021.

ELEMENT NO. :	ELEMENT NAME:						
1	CONSTRUCTION		6,942,622	6,942,621	6,942,621	1	0
522-T-035-29	E200154 RD CONST REGINA II	N	136,828	136,820	136,828	0	0
522-T-035-29	E200164 RD CONST LA VICTORIA		297,123	297,123	297,123	0	0
522-T-035-29	E200165 RD CONST YUM KAX I	N	339,237	339,237	339,237	0	0
522-T-035-29	E200166 RD CONST TICAMAYA II		350,695	350,695	350,695	0	0
IL 17	E200016 RD CONST SINCO II	N	328,751	328,751	328,751	0	0
IL 17	E200028 RD CONST ICCASA II	N	382,999	382,999	382,999	0	0
IL 17	E200029 RD CONST AIHSA	N	70,027	70,027	70,027	0	0
IL 18	E200030 BRIDGE CONST COLINDRES		202,408	202,408	202,408	0	0
IL 19	E200031 RD CONST TICAMAYA I		340,889	340,889	340,889	0	0
IL 19	E200032 ROAD CONST ECO I	N	216,256	216,256	216,256	0	0
IL 19	E200033 RD CONST ECO II	N	395,987	395,987	395,987	0	0
IL 23	E200034 LABOR , MATERIALS AND TIRES		94,663	94,663	94,663	0	0
IL 6	E200014 RD CONST ICCASA I	N	484,751	484,751	484,751	0	0
IL 5	E200015 RD CONST REGINA I	N	471,217	471,217	471,217	0	0
IL 6	E200035 RD CONST SINCO I	Y	144,000	144,000	144,000	0	0
PIL-522-0164-0051	E402222 CONSTRUCTORA DICSU S.R.L.		185,416	185,416	185,416	0	0
PIL-522-0164-033	E300422 RD CONST SINCO	N	372,643	372,643	372,643	0	0
PIL-522-0164-033	E300423 RD CONST "HIRISI" N		364,728	364,728	364,728	0	0
PIL-522-0164-033	E300424 RD CONST "ECO" N		355,860	355,860	355,860	0	0
PIL-522-0164-033 & 045	E300425 RD CONST "ETECOS" N		426,474	426,474	426,474	0	0
PIL-522-0164-041	E301678 RD CONST PRODECON COMP FY 82		151,357	151,357	151,357	0	0

OPTION NO.: 2
 OFFICE CODE: 800 OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
 PROJECT NO.: 5220164.00 PROJECT TITLE: RURAL TRAILS & ACCESS ROADS PROJECT OFFICER: HUGO ELVIR

EARMARK DESCR.	EARMARK CNTL NO./ DESCRIPTION	DELEGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG.	ACCRUED	UNEXPENDED OBLIG.
BUDGET PLAN CODE: LDAA-80-35522-AL19 APPROPRIATION SYMBOL: 72-11M1021.							
PIL-522-0164-041	E301679 RD CONST YUM KAX	231,721	231,721	231,721	0	0	0
PIL-522-0164-041	E301680 ROAD CONST AYON CORDEVA	368,129	368,129	368,129	0	0	0
PIL-522-0164-046&050	E401923 CONT. MODIFICATION CONST ECD	34,000	34,000	34,000	0	0	0
PIL-522-0164-059	E502006 UNITECNIA S.R.L. AMENDMENT #1	61,226	61,226	61,226	0	0	0
PIL-522-0164-064	E600746 PART PRODECON (MARALE-SULAC	25,263	25,263	25,263	0	0	0
PIL-522-0164-069	E602174 FABRICACION DE 500 ROADS SIGN	0	0	0	0	0	0
PIL-522-0164-070	E603786 PART PRODECON FLORIDA-PARAIZO	9,649	9,649	9,649	0	0	0
PID/C-522-0164-4-00266	E603566 FABRICACION DE 500 ROAD SIGNS	324	324	324	0	0	0
EARMARKED TOTALS > > >		6,942,621					
UNEARMARKED BALANCE		1					

BUDGET PLAN CODE: LDAA-80-35522-AL19 APPROPRIATION SYMBOL: 72-11M1021.

ELEMENT NO. : 2	ELEMENT NAME: MAINTENANCE	792,025	792,025	792,025	0	0	0
IL 4,16	E200036 MAINT AND REPAIR OF EQUIP	792,025	792,025	792,025	0	0	0

EARMARKED TOTALS > > > 792,025

UNEARMARKED BALANCE 0

ELEMENT NO. : 3	ELEMENT NAME: EVALUATION	122,407	122,408	122,408	1-	0	1-
PIL-522-0164-038	E301213 CONT WITH SEISA & CENTRO COMP	34,866	34,866	34,866	0	0	0
PIL-522-0164-047	E401351 CONT CENTRO COMP E ING CONSUL	37,542	87,542	87,542	0	0	0

EARMARKED TOTALS > > > 122,408

UNEARMARKED BALANCE 1-

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OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK
ACC. NO.

EARMARK CNTL NO./
DESCRIPTION

OBLIGATED/
EARMARKED

COMMITTED

DISBURSED

UNLIQUIDATED
OBLIG./EAB

ACCUMULATED

UNEXPENDED
OBLIG./EAB

BUDGET ALLOWANCE TOTALS > > >

7,957,054

7,357,054

7,857,054

0

0

0

17

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OPTION NO.: 2
OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS
PROJECT OFFICER: HUGO ELVIR

EARMARK DESC.	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG./FAR	ACCUMULATED	UNEXPENDED OBLIG./FAR
BUDGET PLAN CODE: LDAA-82-35522-AL13 APPROPRIATION SYMBOL: 72-11M1J21.							
ELEMENT NO. :	1						
ELEMENT NAME:	CONSTRUCTION	2,970,000	2,970,002	2,970,002	2-	0	2-
PIL-522-0164-028	E200183 RECONSTRUCTION HIGUITO BRIDGE	399,999	399,999	399,999	0	0	0
PIL-522-0164-031	E300436 RD CONST TITAN N	292,473	292,473	292,473	0	0	0
PIL-522-0164-031	E300437 RD CONST PRODECON	418,444	418,444	418,444	0	0	0
PIL-522-0164-031	E300438 RD CONST TICAMAYA III	397,393	397,393	397,393	0	0	0
PIL-522-0164-031	E300439 RD CONST YUM KAX II	174,771	174,771	174,771	0	0	0
PIL-522-0164-031 & 039	E300434 RD CONST CONGOLON	273,801	273,801	273,801	0	0	0
PIL-522-0164-031 & 042	E300435 RD CONST GRUPO ING Y ARQUIT.	396,085	396,085	396,085	0	0	0
PIL-522-0164-041	E301676 RD CONST PRODECON COMP FY 80	151,312	151,312	151,312	0	0	0
PIL-522-0164-041	E301677 RD CONSTRUCTION TICAMAYA	408,053	408,053	408,053	0	0	0
PIL-522-0164-064	E600747 PART PRODECON (MARALE-SULACO)	57,671	57,671	57,671	0	0	0
EARMARKED TOTALS > > >		2,970,002					
UNEARMARKED BALANCE			2-				
ELEMENT NO. :	99						
ELEMENT NAME:	TO BE DISTRIBUTED	0	0	0	0	0	0
EARMARKED TOTALS > > >		0					
UNEARMARKED BALANCE			0				
BUDGET ALLOWANCE TOTALS > > >		2,970,000	2,970,002	2,970,002	2-	0	2-

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OPTION NO.: 2

OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK DESC.	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG.	ACCUMULATED	UNEXPENDED OBLIG.
BUDGET PLAN CODE: LDAA-92-35522-4119 APPROPRIATION SYMBOL: 72-11M1021.							

ELEMENT NO. : 1
ELEMENT NAME: CONSTRUCTION

		0	0	0	0	0	0
	EARMARKED TOTALS > > >	0					
	UNEARMARKED BALANCE	0					
	BUDGET ALLOWANCE TOTALS > > >	0	0	0	0	0	0

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 COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
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OPTION NO.: 2
 OFFICE CODE: 900
 PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
 PROJECT TITLE: RURAL TRAILS & ACCESS ROADS PROJECT OFFICER: HUGO ELVIR

EARMARK DQC. NO.	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG. EAB	ACCUMULATED	UNEXPENDED OBLIG. EAB
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BUDGET PLAN CODE: LDAA-83-35522-AL13 APPROPRIATION SYMBOL: 72-11M1021.

ELEMENT NO. : 1							
ELEMENT NAME: CONSTRUCTION		5,553,897	5,553,897	5,553,897	0	0	0
HCC-522-T-035-848	E701668 CONSTR. YUM KAX-JV# 522570114	18,705	18,705	18,705	0	0	0
PIL-522-0164-0051	E402218 RD CONST EMP TECNICA ETIN	326,749	326,749	326,749	0	0	0
PIL-522-0164-0051	E402219 RD CONST TICAMAYA S.OE R.L.	401,960	401,960	401,960	0	0	0
PIL-522-0164-0051	E402220 EMPRESA ETECOS	0	0	0	0	0	0
PIL-522-0164-0416049	E401575 ADDITNL FUNDS CONST TICAMAYA	50,128	50,128	50,128	0	0	0
PIL-522-0164-0416049	E401576 ADDITNL FUNDS CONST YUM KAX	50,162	50,162	50,162	0	0	0
PIL-522-0164-046	E400493 ROAD CONST "CONEXA"	0	0	0	0	0	0
PIL-522-0164-046E053	E500237 RECONST AGUA DULCE "PRODECON"	52,450	52,450	52,450	0	0	0
PIL-522-0164-048	E401455 RD CONST BORBOLLON "CONGOLON"	381,580	381,580	381,580	0	0	0
PIL-522-0164-048	E401456 ROAD CONST SALVADOR GARCIA	361,297	361,297	361,297	0	0	0
PIL-522-0164-051	E402221 RD CONST CONST DE HONDURAS	0	0	0	0	0	0
PIL-522-0164-055	E500622 RD CONST CONST LA VICTORIA	362,533	362,533	362,533	0	0	0
PIL-522-0164-055	E500623 RD CONST PAVIMENTOS DE HOND	578,143	578,143	578,143	0	0	0
PIL-522-0164-055	E500624 RD CONST CONST FAMAICA	305,004	305,004	305,004	0	0	0
PIL-522-0164-055	E500625 RD CONST CONST PRODECON	240,373	240,373	240,373	0	0	0
PIL-522-0164-055	E500627 RD CONST CONST "ECO"	311,557	311,557	311,557	0	0	0
PIL-522-0164-055	E500628 RD CONST SALINAS E CARDONA	350,803	350,803	350,803	0	0	0
PIL-522-0164-055	E500629 RD CONST DINATRAC	297,159	297,159	297,159	0	0	0
PIL-522-0164-055	E500630 RD CONST CONST CONTEC	290,906	290,906	290,906	0	0	0
PIL-522-0164-058	E501973 AMEND NO.1 CONSTRUCTORA ECO	95,636	95,636	95,636	0	0	0
PIL-522-0164-064	E500748 PART PRODECON (MARALE-SULACO)	260,387	260,387	260,387	0	0	0

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OPTION NO.: 2
OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS
PROJECT OFFICER: HUGO ELVIR

EARMARK ACC. NO.	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG. EAB	ACCRUED	UNEXPENDED OBLIG. EAB
BUDGET PLAN CODE: LOAA-83-35522-4L13 APPROPRIATION SYMBOL: 72-11M1021.							
PIL-522-0164-065	E500763 EQUIPOS DE CONSTRUCCION SRL	403,428	403,428	403,428	0	0	0
PIL-522-0164-066	E500843 LABOR & MATERIALS/CULAN RIVER	9,843	9,843	9,843	0	0	0
PIL-522-0164-067	E501227 CONSTRUCTORA DINATRAC(RINCON)	339,260	339,260	339,260	0	0	0
PIL-522-0164-070	E503787 PART PRODECON(FLORIDA-PARAIZO)	65,814	65,814	65,814	0	0	0
PIL-522-0165-055	E500626 RD CONST CONST MIRISI	0	0	0	0	0	0
EARMARKED TOTALS > > >		5,553,897					
UNEARMARKED BALANCE		0					
BUDGET ALLOWANCE TOTALS > > >		5,553,897	5,553,897	5,553,397	0	0	0

11.

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COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
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OFFICE CODE: 300
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK	EARMARK CNTL NO./	OBLIGATED/	COMMITTED	DISBURSED	UNLIQUIDATED	ACCUMULATED	UNEXPENDED
DESCRIPTION	DESCRIPTION	EARMARKED			OBLIGATED		OBLIGATED
BUDGET PLAN CODE: LFNX-83-35522-AL13 APPROPRIATION SYMBOL: 72-11M1021.							
ELEMENT NO. :	1						
ELEMENT NAME:	CONSTRUCTION	3,180,072	3,180,070	3,180,070	2	0	2
HCC-522-T-035-843	E701669 CONSTR.YUM KAX-JV*522870114	13,282	13,282	13,282	C	0	0
PIL-522-0164-046	E400491 RD CONST. CONST YUM KAX	265,429	265,429	265,429	C	0	0
PIL-522-0164-046	E400492 ROAD CONST ETECOS	277,926	277,926	277,926	C	0	0
PIL-522-0164-046	E400494 ROAD CONSTRUCTION "ECO"	415,853	415,853	415,853	C	0	0
PIL-522-0164-046	E400495 ROAD CONST "PRODECON"	276,061	276,061	276,061	C	0	0
PIL-522-0164-048	E401457 ROAD CONST LOS MANGLES "ECO"	334,529	334,529	334,529	C	0	0
PIL-522-0164-048	E401458 ROAD CONST PAREDES & ASOCIADS	354,731	354,731	354,731	C	0	0
PIL-522-0164-048	E401459 ROAD CONST EDINSA NAC DE ING	268,043	268,043	268,043	C	0	0
PIL-522-0164-048	E401460 ROAD CONST "UNITECNIA"	269,290	269,290	269,290	C	0	0
PIL-522-0164-052	E500195 BRIDGE CONST RIO MORJA(PRODEC	154,991	154,991	154,991	C	0	0
PIL-522-0164-064	E600749 PART PRODECON (MARALE-SULACC)	68,091	68,091	68,091	C	0	0
PIL-522-0164-068	E602183 CONSTRUCTORA FAMAICA	131,432	131,432	131,432	C	0	0
PIL-522-0164-068	E602184 EQUIPOS DE CONSTRUCCION (ECO)	219,641	219,641	219,641	C	0	0
PIL-522-0164-068	E602188 COMPL CONSTRUCTORA FAMAICA	0	0	0	C	0	0
PIL-522-0164-070	E603788 PART PRODECON(FLORIDA-PARAIZO	72,494	72,494	72,494	C	0	0
PIL-522-0164-070	E603788 PART PRODECON(FLORIDA-PARAIZO	58,227	58,227	58,227	C	0	0
PIL-522-0164-070	E603855 PART PRODECON-FLORIDA-PARAIZO	0	0	0	C	0	0
EARMARKED TOTALS > > >		3,180,070					
UNEARMARKED BALANCE			2				

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COMPREHENSIVE PIPELINE REPORT BY BUDGET ALLOWANCE
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OPTION NO.: 2
OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS
PROJECT OFFICER: HUGO ELVIR

EARMARK ACC_NO.	EARMARK CNTL NO./ DESCRIPTION	OBLIGATED/ EARMARKED	COMMITTED	DISBURSED	UNLIQUIDATED OBLIG_FBS	ACCUMULATED	UNEXPENDED OBLIG_FBS
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BUDGET PLAN CODE: LFNX-83-35522-AL13 APPROPRIATION SYMBOL: 72-11M1921.

ELEMENT NO. :	4						
ELEMENT_NAME:	TRAINING	0	0	0	0	0	0

EARMARKED TOTALS > > > 0

UNEARMARKED BALANCE 0

ELEMENT NO. :	5						
ELEMENT_NAME:	INFLATION & CONTINGENCIÉS	513,594	513,593	513,593	1	0	1
PIL-522-0164-056	E501355 MATERIALS & LABDR	78,450	78,450	78,450	0	0	0
PIL-522-0164-056	E501356 SPARE PARTS INT'L HARVESTER C	8,609	8,609	3,509	0	0	0
PIL-522-0164-056	E501357 SPARE PARTS CATERPILLAR AMERI	89,058	89,058	89,058	0	0	0
PIL-522-0164-056	E501358 SPARE PARTS INTER CITY AUTO	11,045	11,045	11,045	0	0	0
PIL-522-0164-056	E501359 SPARE PARTS GENERAL EQUIP INC	72,290	72,290	72,290	0	0	0
PIL-522-0164-060	E502814 SPARE PARTS R.L.ALLEN CO.INC	2,475	2,475	2,475	0	0	0
PID/C-522-0164-4-30227	E501918 PURCHASE OF 7 FORD DUMP TRUCK	224,118	224,118	224,118	0	0	0
PID/C-522-0164-4-30233	E601402 PURCHASE OF ENG EQUIPMENT	27,188	27,188	27,188	0	0	0
PD-522-87-5008	E700634 THE HANDOVER INSURANCE CO.	360	360	360	0	0	0

EARMARKED TOTALS > > > 513,593

UNEARMARKED BALANCE 1

BUDGET ALLOWANCE TOTALS > > > 3,693,666 3,693,663 3,693,663 3 0 3

LDAN TOTALS > > > 20,074,617 20,074,616 20,074,616 1 0 1

PROJECT EARMARKED TOTALS > > > 20,723,734

PROJECT UNEARMARKED BALANCE 0

TOTAL PROJECT OBLIGATIONS > > > 20,723,734 20,723,734 20,723,734 0 0 0

479

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OFFICE CODE: 800
PROJECT NO.: 5220164.00

OFFICE NAME : OFFICE OF DEVELOP. ENGINEERING
PROJECT TITLE: RURAL TRAILS & ACCESS ROADS

PROJECT OFFICER: HUGO ELVIR

EARMARK
DQC NO.

EARMARK CNTL NO./
DESCRIPTION

OBLIGATED/
EARMARKED

COMMITTED

DISBURSED

UNLIQUIDATED
OBLIG/EAS

ACCUMULATED

UNEXPENDED
OBLIG/EAS

OFFICE TOTALS > > >

20,723,734

20,723,734

20,723,734

0

0

0

MISSION TOTALS > > >

20,723,734

20,723,734

20,723,734

0

0

0

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