REPUBLIC OF THE PHILIPPINES

MINISTRY OF PUBLIC WORKS AND HIGHWAYS

Bicol River Basin Development Project

Road Component

Package 4

CERTEZA DEVELOPMENT CORP.

CERTEZA BUILDING
312 Santolan Road Corner J. Abad Santos Drive
San Juan, Metro Manila
Tel. Nos. 78-70-71 to 73
P. O. Box 349 Greenhills
Cable Address: CERDECO

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PROGRESS REPORT

CONSTRUCTION OF PACKAGE IV

NOVEMBER 1982

PACKAGE IV

CONSTRUCTION REPORT

NOVEMBER 1982

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Figure I - - - - - - - - - - - Location Map

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CONTRACT IV, SAN JUAN-NUGPO SECTION, SUB-PROJECT NO. 11

Contractor : 51ST ENGINEER BRIGADE, P.A.

Progress Report - - - - - - - - - - - - - - - - - - - IV-1 to IV-5
Weather & Workability Report (2 sheets) - - - - - Annex IV-A
Contractor's List of Equipment (3 sheets) - - - - Annex IV-B
Program of Work and Progress Chart - - - - - - - Annex IV-C

CONTRACT V-A, POLANGUI-NASISI SECTION, SUB-PROJECT NO. 14

Contractor : WILLIAM UY CONSTRUCTION, INC.

Progress Report - - - - - - - - - - - - - - - - - - - V-A-1 to V-A-5
Weather & Workability Report (2 sheets) - - - - - Annex V-A-A
Contractor's List of Personnel (3 sheets) - - - - Annex V-A-B
Employment Generation Survey (SS3) - - - - - - - Annex V-A-B-1
Contractor's List of Equipment (2 sheets) - - - - Annex V-A-C
Program of Work and Progress Chart - - - - - - - Annex V-A-D

APPENDIX:

Appendix A : List of Consultant's Field Personnel - 1 sheet

B : Employment Generation Survey (SS3)

CERTEZA DEVELOPMENT CORPORATION

LIST OF FIELD PERSONNEL

AS OF NOVEMBER 1982

November 1982

COMPLETED PROJECTS, PACKAGE IV
AS OF NOVEMBER 1982

CONTRACT I, NABUA-TANDAAY, SECONDARY & FEEDER ROADS

Contractor - - - - - - - - - - -	S.P. Dacer Constr. Co., Inc.
Substantially Completed - - -	February 24, 1981
Final Inspection - - - - - - -	July 21, 1981
Original Contract Cost - - - -	₱16,705,106.00
Final Contract Cost - - - - -	₱15,159,660.94

CONTRACT II-A, TANDAAY-SAN JUAN, SECONDARY & FEEDER ROADS

Contractor - - - - - - - - - - -	F.F. Cruz & Co., Inc.
Completed - - - - - - - - - - -	July 9, 1980
Original Contract Cost - - - -	₱17,278,344.00
Final Contract Cost - - - - -	₱14,404,312.42
Turned Over - - - - - - - - - -	July 9, 1980

CONTRACT II-B, BRIDGES, TANDAAY-SAN JUAN

Contractor - - - - - - - - - - -	F.F. Cruz & Co., Inc.
Completed - - - - - - - - - - -	May 30, 1980
Original Contract Cost - - - -	₱1,487,440.00
Final Contract Cost - - - - -	₱1,487,440.00
Turned Over - - - - - - - - - -	July 9, 1980

CONTRACT III, LIBON-NUGPO, SECONDARY & FEEDER ROADS

Contractor - - - - - - - - - - -	V.P. Eusebio Constr., Inc.
Original Cost - - - - - - - - -	₱20,056,428.00 *
Final Cost - - - - - - - - - - -	₱26,976,472.00 **
Turned Over - - - - - - - - - -	September 7, 1982

* Per contract amount Dimson (Mla.), Inc.

** Sum total of amount paid to Dimson (Mla.), Inc. and amount paid to V.P. Eusebio Constr., Inc.

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CONTRACT V-B, BRIDGES, POLANGUI-NABIGI SECTION

Contractor (4 contracts) - - -	Four Local Contractors
Completed - - - - - - - - - - -	March 4, 1981
Original Contract Cost - - - -	₱1,428,680.00
Final Contract Cost - - - - -	₱2,061,542.73*
Final Inspection - - - - - - -	March 26, 1981

* Total of payments under the old and new contracts.

CONTRACT VI-A, NABUA-SAN AGUSTIN, SECONDARY ROAD
(km. 0+000 to 2+000)

Contractor - - - - - - - - - - -	P.E.O., Camarines Sur
Substantially Completed - - -	September 2, 1982
Original Contract Cost - - - -	₱1,968,667.71
Final Contract Cost - - - - -	₱1,852,902.57
Turned Over - - - - - - - - - -	September 2, 1982

CONTRACT VI-B, NABUA-SAN AGUSTIN, SECONDARY ROAD
(km. 2+000 to 4+495.38)

Contractor - - - - - - - - - - -	P.E.O., Camarines Sur
Substantially Completed - - -	September 2, 1982
Original Contract Cost - - - -	₱1,996,619.79
Final Contract Cost - - - - -	₱2,285,143.66
Turned Over - - - - - - - - - -	September 2, 1982

CONTRACT VI-C, NABUA-SAN AGUSTIN, FEEDER ROADS

Contractor - - - - - - - - - - -	J.M. Hernandez & Sons, Inc.
Completed - - - - - - - - - - -	May 25, 1980
Original Contract Cost - - - -	₱1,978,640.00
Final Contract Cost - - - - -	₱1,929,436.51
Turned Over - - - - - - - - - -	December 12, 1980

Certified correct.

JOSE E. VILLANUEVA
Project Manager

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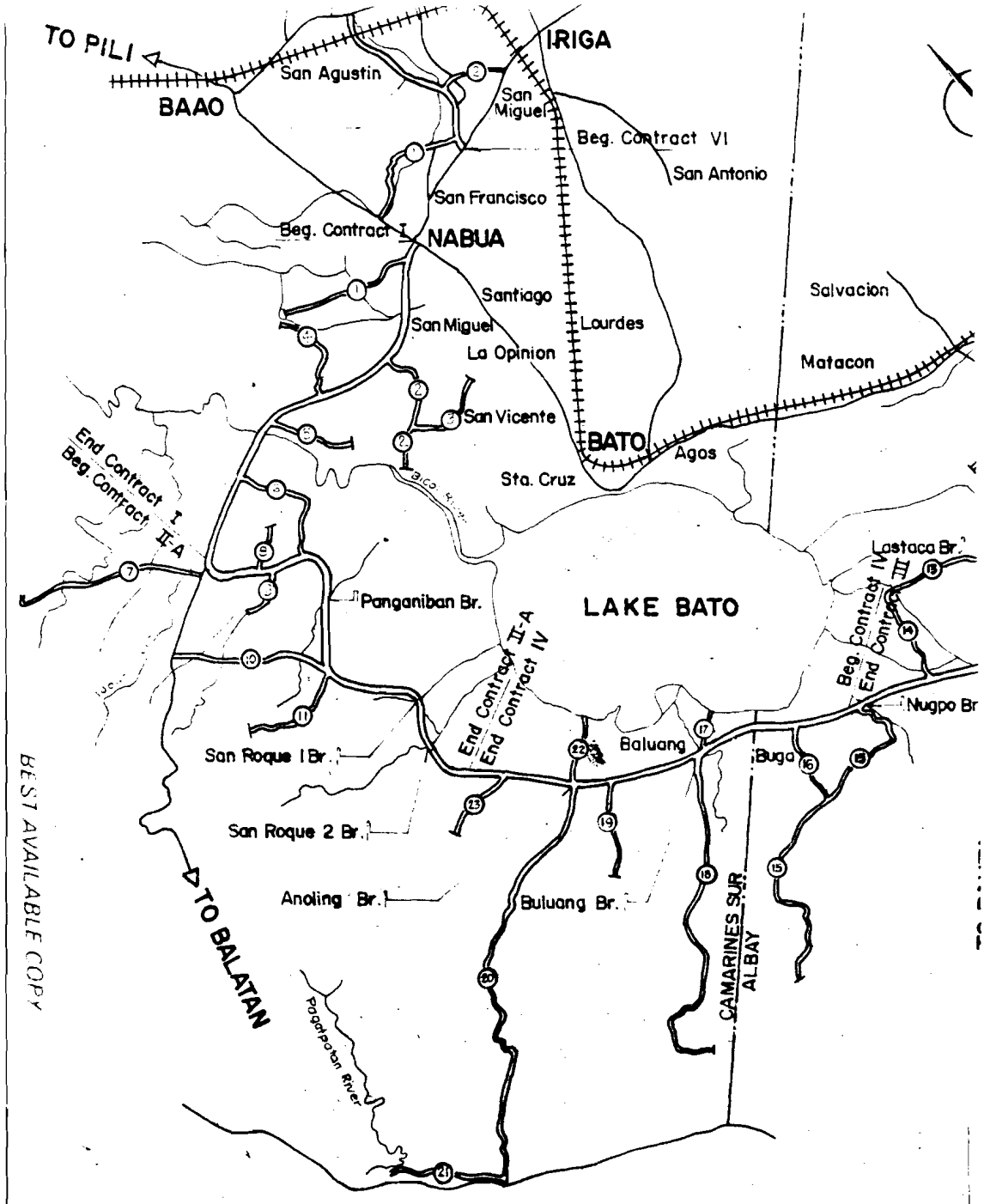

LOCATION MAP
PACKAGE - IV

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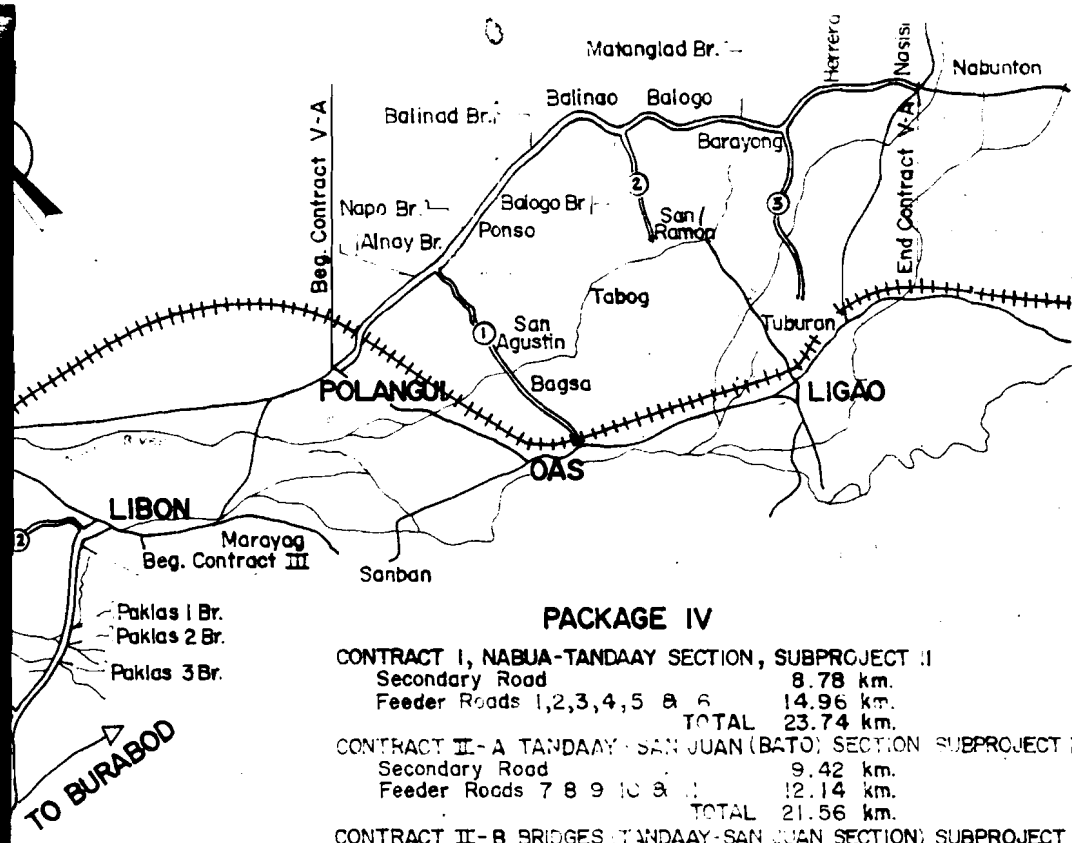

PACKAGE IV

CONTRACT I, NABUA-TANDAAY SECTION, SUBPROJECT 11
Secondary Road 8.78 km.
Feeder Roads 1,2,3,4,5 & 6 14.96 km.
TOTAL 23.74 km.

CONTRACT II-A TANDAAY-SAN JUAN (BATO) SECTION SUBPROJECT 11
Secondary Road 9.42 km.
Feeder Roads 7 8 9 10 & 11 12.14 km.
TOTAL 21.56 km.

CONTRACT II-B BRIDGES (TANDAAY-SAN JUAN SECTION) SUBPROJECT 11
Panganiban (27.20 m.),
San Roque 1 (24.40 m.) &
San Roque 2 (24.40 m.) Bridges 76.00 m.

CONTRACT III, LIBON-NUGPO SECTION, SUBPROJECT 11
Secondary Road 8.25 km.
Feeder Roads 12,13,14 & 15 15.38 km.
TOTAL 23.63 km.
Paklas 1 (29.20 m.), Paklas 2 (29.20 m.),
Paklas 3 (29.20 m.) Lastoca (25.20 m.),
& Nugpo (29.20 m) Bridges 142.00 m.

CONTRACT IV, NUGPO-SAN JUAN SECTION, SUBPROJECT 11
Secondary Road 8.33 km.
Feeder Roads 16,17,18,19,20,
21,22,23 29.71 km.
TOTAL 38.04 km.
Buluang (29.20 m.) &
Analing (31.20 m.) 60.40 m.

CONTRACT V-A, POLANGUI-NASISI SECTION, SUBPROJECT 14
Secondary Road 12.86 km.
Feeder Roads 1,2 & 3 9.39 km.
TOTAL 22.25 km.

CONTRACT V-B, BRIDGES (POLANGUI-NASISI SECTION) SUBPROJECT 14
Alnay (12.40 m.) Napo (10.40 m.)
Balinad (22.40 m.) Balogo (29.20 m.)
Matanglad (24.40 m.) Bridges 98.80 m.

CONTRACT VI-A NABUA-SAN AGUSTIN SECTION SUBPROJECT 9
Secondary Road (Sta. 0+000 - 2+000) 2.00 km.

CONTRACT VI-B, NABUA-SAN AGUSTIN SECTION SUBPROJECT 9
Secondary Road (Sta. 2+000 - 4+495.00) 2.50 m.

CONTRACT VI-C, NABUA-SAN AGUSTIN SECTION SUBPROJECT 9
Feeder Roads 1 & 2 4.14 km.
TOTAL 8.64 km.

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REPUBLIC OF THE PHILIPPINES
MINISTRY OF PUBLIC WORKS & HIGHWAYS
M A N I L A

MONTHLY CONSTRUCTION REPORT

No. 15

November 1982

Sub-Project 11

Contract No. IV

NUGPO-SAN JUAN SECTION

Secondary Road
and
Feeder Roads

BUGA-PINAGBARILAN NO. 16
DIVISORIO-HALONGHONG-MACABUGOS NO. 18
GUYODAN-PAYAK NO. 20
PAYAK-PAGATPATAN NO. 21
GUYODAN-LAKE BATO NO. 22

CERTEZA DEVELOPMENT CORPRATION
(Consultant)

51ST ENGINEER BRIGADE, P.A.
(Contractor)

November 1982

PROGRESS REPORT NO. 15
November 1982

PROJECT : CONTRACT IV, NUGPO-SAN JUAN SECTION
SECONDARY AND FEEDER ROADS, SUB-PROJECT NO. 11

I-a. GENERAL

This progress report covers the activities and accomplishment of the 51st Engineer Brigade during the coverage period from October 21 to November 20, 1982. Activities consist mainly of hauling and spreading of Item 108 for the restoration on the Secondary Road and on Feeder Road No. 20, preparation for concrete paving of the spillway on Feeder Road No. 21.

b. PROGRESS

Accomplishment to date are as follows:

A. Earthworks

1. Item 105(3), Roadway & Drainage Excavation
   a. 4,530 m3 or 100% completion on Feeder Road No. 16
   b. 38,861 m3 or 67.66% completion on Feeder Road No. 18
   c. 2,864 m3 or 100% completion on Feeder Road No. 20
   d. 3,750 m3 or 100% completion on Feeder Road No. 21

2. Item 105(5), Roadway & Drainage Excavation (Surplus)
   a. 10,900 m3 or 100% completion on Feeder Road No. 16

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b. 43,968 m3 or 46.4% completion on Feeder Road No. 18

c. 5,810 m3 or 100% completion on Feeder Road No. 20

d. 2,630 m3 or 100% completion on Feeder Road No. 21

B. Subbase

1. Item 108, Aggregate Subbase

a. 831 m3 or 17.13% completion on Secondary Road

b. 2,000 m3 or 76.92% completion on Feeder Road No. 16

c. 630 m3 or 6.0% completion on Feeder Road No. 18

d. 9,008.55 or 92.21% completion on Feeder Road No. 20

e. 3,500 m3 or 79.56% completion on Feeder Road No. 21

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C. Surfacing and Pavement

1. Item 316, Portland Cement Conc. Pavement

a. 232.50 m3 or 70.45% completion on Feeder Road No. 21 (washed out and demolished by typhoon "Emang")

D. Structure

1. Item 413, Reinforced Concrete Pipe Culverts

a. 8.00 L.M. or 13.79 completion on Feeder Road No. 18

b. 47.00 L.M. or 100% completion on Feeder Road No. 20

c. 29.00 L.M. or 100% completion on Feeder Road No. 21

2. Item 405 and 406, Reinforced Concrete Box Culvert

a. One Unit - 3.00 x 2.10 R.C. Box Culvert at km. 10+355 on Feeder Road No. 21 completed.

E. Incidental Construction

1. Item 500, Grouted Riprap

a. 535 m3 or 100% completion on Secondary Road
b. 0% on Feeder Road No. 18
c. 1,512.88 m3 or 85.23% completion on Feeder Road No. 20
d. 248.50 m3 or 38.42% completion on Feeder Road No. 21

II - MATERIALS TESTING AND CONTROL

Laboratory control and field test for materials control undertaken during this period from October 21 to November 20, 1982 are as follows:

1. Feeder Road No. 20

Item 108, Aggregate Subbase

a. F.D.T. - - - - - - - - - - 15

2. Feeder Road No. 21

Item 108, Aggregate Subbase

a. Grading - - - - - - - - - - 1
b. PL, LL & PI - - - - - - - 1
c. Compaction - - - - - - - - 1

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Item 405, Concrete Class "A" (Spillway)

a. Grading - - - - - - - - - 1 C.A.
b. Grading - - - - - - - - - 1 F.A.

November 1982

COMMENTS AND RECOMMENDATIONS
(Contract IV)

Progress:

Accomplishment (Old Contract) - - - - -	70.06%
Accomplishment (New Contract) - - - - -	53.84%
Scheduled Accomplishment (New Contract) - - - - - - -	99.69%
Slippage (Negative) - - - - - - - - - - -	46.05%
Overall Accomplishment 70.06 + (0.2994 x 53.84) - - - - - - -	86.18%

The slow progress may be attributed to the peace and order situation within the project site, and failure of the Brigade to step up activities on items of work less affected by the dissident's activities. The contractor's men are even concious of this situation that construction work cannot be executed normally. Securing construction site are obviously given priority to avoid recurrence of casualty due to dissidents' activities, thus the sluggish pace of construction work. However, the contractor's staff are still objectively working toward the fulfillment of completing their contract.

Certified correct as verified in the field.

JOSE E. VILLANUEVA
Project Manager

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November 1982

Annex IV-A
Sheet 1 of 2

PROJECT : NUGPO-SAN JUAN, SECONDARY AND FEEDER ROADS
CONTRACT IV, SUB-PROJECT NO. 11

WEATHER AND WORKABILITY REPORT
For the period covered October 21 to Nov. 20, 1982

DATE	WEATHER	REMARKS	UNWORKABLE DAYS
Oct. 21, 1982	Fair	Workable	None
22	Fair	-do-	-do-
23	Fair	-do-	-do-
24	Fair	-do-	-do-
25	Fair	-do-	-do-
26	Fair	-do-	-do-
27	Fair	-do-	-do-
28	Fair	-do-	-do-
29	Fair	-do-	-do-
30	Fair with rain-showers	-do-	-do-
31	Fair	-do-	-do-
Nov. 1, 1982	Fair with heavy rains in the evening	-do-	-do-
2	Fair	-do-	-do-
3	Fair with rain-showers	-do-	-do-
4	Fair	-do-	-do-
5	Fair with isolated rainshower	-do-	-do-
6	Fair	-do-	-do-
7	Cloudy with iso-lated rainshowers	-do-	-do-
8	Cloudy with iso-lated rainshowers	-do-	-do-
9	Fair	-do-	-do-
10	Fair to rainy	-do-	-do-
11	Fair with isolated rain in the P.M.	-do-	-do-
12	Fair with isolated rain in the P.M.	-do-	-do-

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November 1982

DATE	WEATHER	REMARKS	UNWORKABLE DAYS
Nov. 13, 1982	Fair with isolated rain in the P.M.	Workable	None
14	Fair with isolated rain in the P.M.	-do-	-do-
15	Fair	-do-	-do-
16	Fair	-do-	-do-
17	Fair	-do-	-do-
18	Fair	-do-	-do-
19	Fair with cloudiness	-do-	-do-
20	Fair with cloudiness	-do-	-do-

TOTAL UNWORKABLE DAYS = 0

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51ST ENGINEER BRIGADE, P.A.
San Juan-Nugpo Section
Contract IV

LIST OF EQUIPMENT

As of November 20, 1982

PROPERTY NO.	NOMENCLATURE	CAPACITY	MANUFACTURER'S MAKE	MODEL	SERIAL	REMARKS SERVICEABILITY
1	Tractor Dozer		III-C	TD-20	5143	Breakdown
2	-do-		-do-	-do-	5010	Operational
3	-do-		-do-	-do-	4560	Breakdown
4	-do-		-do-	-do-	6725	-do-
5	Scoop Loader		A/Chalr	TL-645	3D-4355	Operational
6	-do-		-do-	44645	3D-06779	Breakdown
7	Grader Road MTZD		Wabco	4401HA	4A-134339	Operational
8	Road Roller		Huber		HJ-3414510	Breakdown
9	TRK Tractor 5 ton		Cont	M62K	84203646	Operational
10	TRK Crecker 5 ton		Kaifer		9215-1105	-do-
11	Conc. Mixer 2 bagger		Briggs	190452	7037004	Breakdown
12	TRK Lowbed 25 ton					Operational
13	Water Pump		Wisconsin	J423	467871	-do-
14	Generator Set		G.M. Pioneer			-do-
15	Road Grader MTZD		Wabco	4401HA		Breakdown

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PROPERTY NO.	NOMENCLATURE	CAPACITY	MANUFACTURER'S MAKE	MODEL	SERIAL #	REMARKS SERVICEABILITY
16	Stiff Body Truck 10 wheelers		Isuzu			Operational
17	-do-		-do-			-do-
18	-do-		-do-			-do-
19	-do-		-do-			-do-
20	Dump Truck		Fuso			-do-
21	TRK Utility ¼ ton 4 x 4		Mini Cruiser	RJ2B	12RM-41634	-do-
22	-do-		-do-	-do-	12RM-43113	-do-
23	-do-		KAISER	CJ36	4J41052	-do-
24	TRK Dump 5½ ton	2.5 cu.m.	IHC	1600	BG265	Breakdown
25	TRK Dump 5½ ton	1.5 cu.m.	Toyota	DA101LD	2D-6494396	-do-
26	TRK U/C 3/4 ton		-do-		F244200	Operational
27	TRK Tank Flusher		IHC	1800	562171	Breakdown
28	TRK Water Tank		Med West	G2		Operational
29	TRK Tank Fuel 2½ ton		IHC	1700	989272	-do-
30	Battery Charger		Clinton	4161320	55008178	-do-
31	TRK Dump 2½ton 6 x 6		White	M34A2	3903703	-do-
32	-do-		-do-	-do-	3907892	-do-
33	-do-		-do-	-do-	3907172	-do-
34	-do-		-do-	-do-	3908715	-do-
35	Tractor Dozer 200 HP		Caterpillar	D7G	62Z00112	-do-

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November 1982

Annex IV-B
Sheet 3 of 3

PROPERTY NO.	NOMENCLATURE	CAPACITY	MANUFACTURER'S MAKE	MODEL	SERIAL #	REMARKS SERVICEABILITY
36	Tractor Dozer 200 HP		Caterpillar	D7G	62Z00240	Operational
37	-do-		-do-	-do-	62Z00141	-do-
38	Scoop Loader 130 HP		-do-	950	78P59790	-do-
39	TRK Dump Truck		Isuzu			-do-
40	-do-		-do-			-do-
41	-do-		-do-			-do-
42	Stiff Body Truck, 6 wheelers		Leyland			-do-
43	-do-		-do-			-do-
44	-do-		-do-			-do-

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CONTRACTOR: 51ST ENGINEER BRIGADE, AFP

BIDDING DATE: NEGOTIATED CONTRACT

OFFICIAL STARTING DATE: SEPT. 1, 1981

ORIGINAL COMPLETION DATE: APRIL 28, 1982

APPROVED REVISED COMPLETION DATE: NOVEMBER 27, 1982

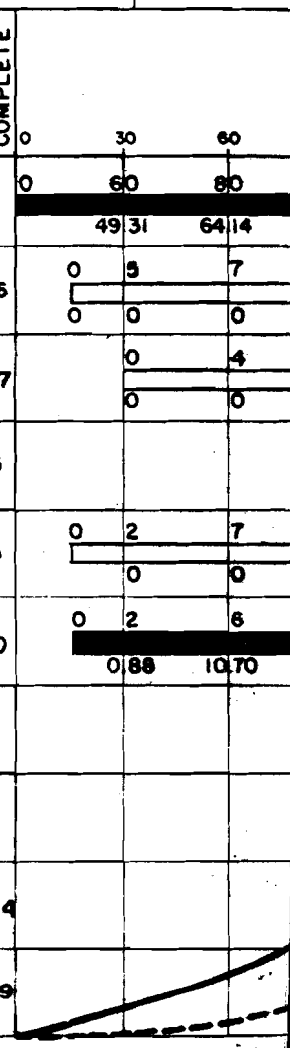
PROBABLE COMPLETION DATE:

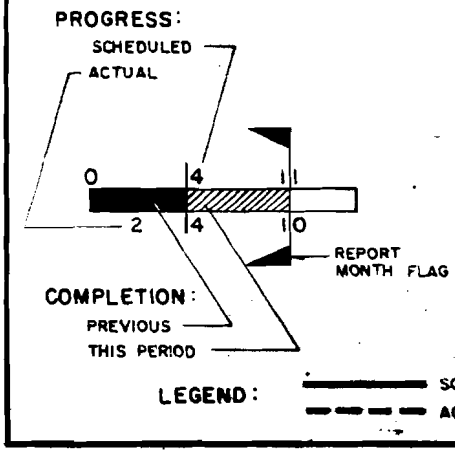
BI

SUB-

P

	ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
1	GENERAL	3.13	100	3.13
2	EARTHWORK	50.53	55.14	27.86
3	AGGREGATE SUB-BASE	28.63	49.83	14.27
4	SURFACE COURSE & PAVEMENT	0.32	70.45	0.23
5	STRUCTURES	10.75	30.23	3.25
6	INCIDENTAL CONSTRUCTION	6.64	76.82	5.10
	TOTAL	100	53.84	
	ACTUAL			53.84
	SCHEDULED			99.89





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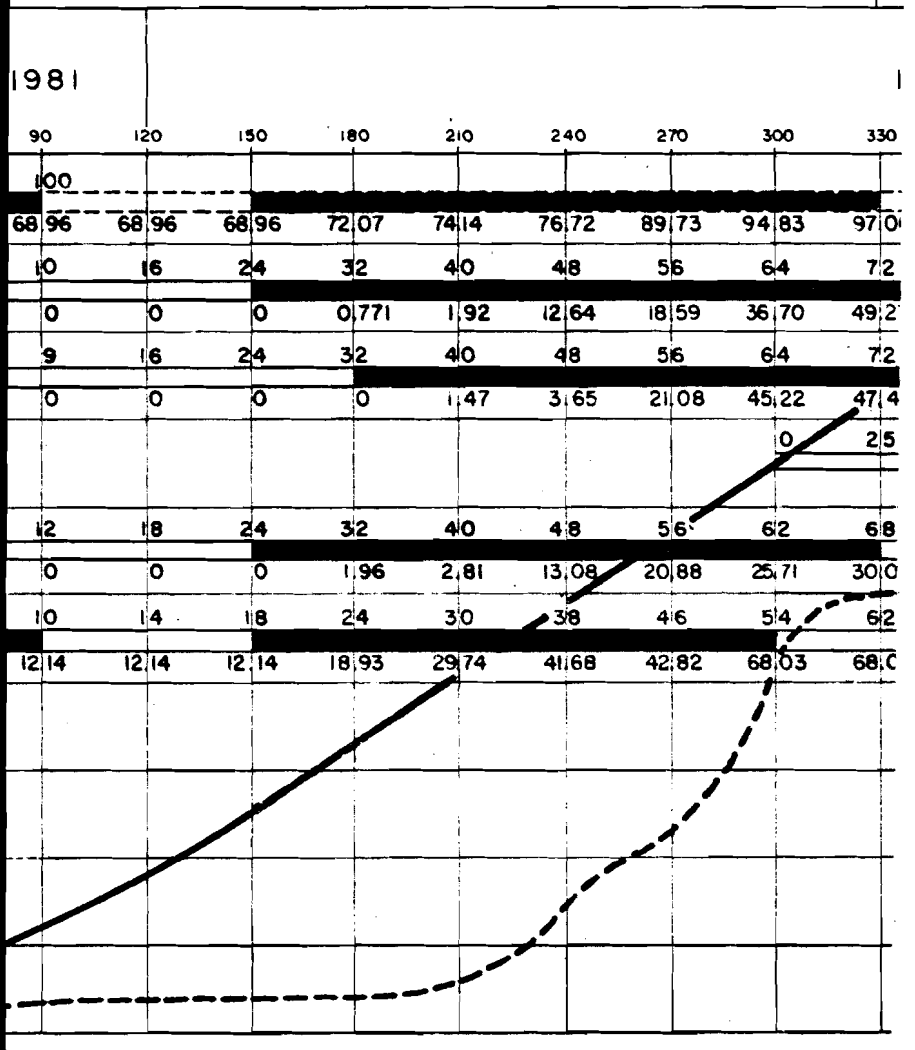
COL SECONDARY AND FEEDER ROADS PROJECT
BICOL RIVER BASIN DEVELOPMENT PROGRAM

PACKAGE 4

PROJECT NO. II, CONTRACT IV, NUGPO — SAN JUAN SECTION

ROGRAM OF WORK AND PROGRESS CHART



NOTE: REVISED SEPT. 20, 1982 WITH REVISED TIME EXTENSIONS AND C.O. NO. 1.

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ONTHLY PROGRESS REPORT AS OF: NOVEMBER 20, 1982

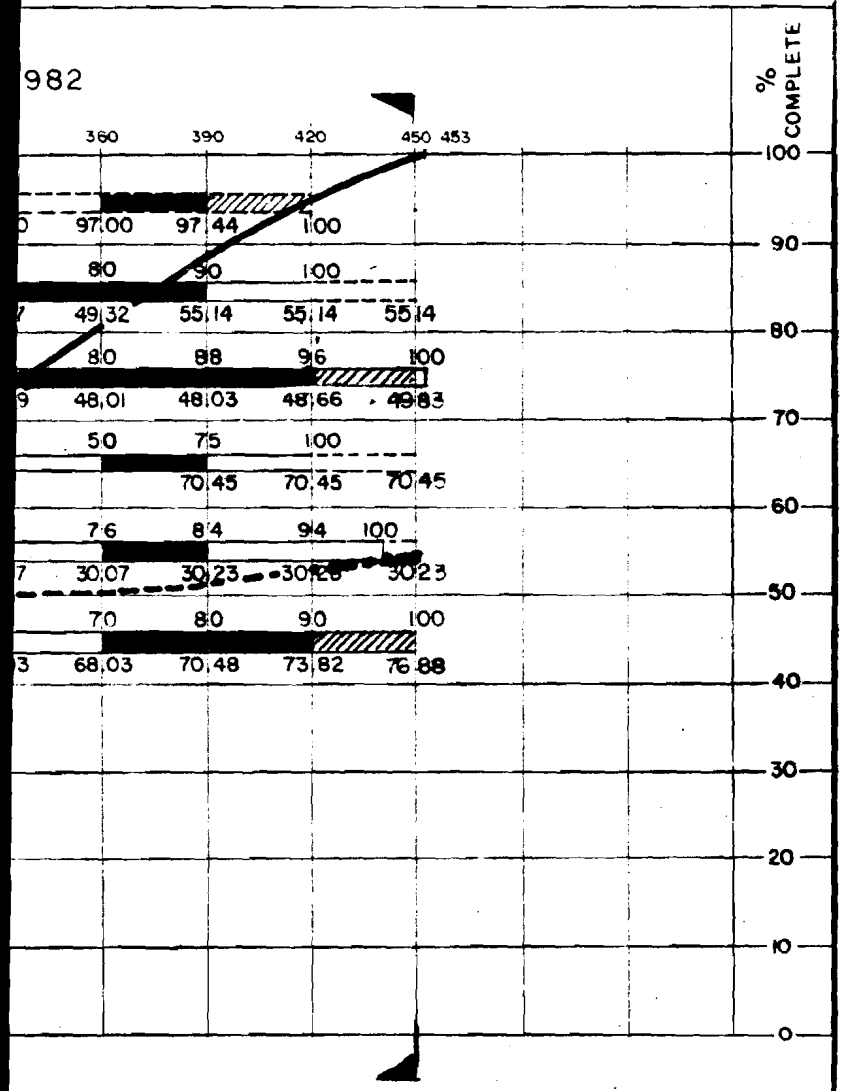
REPARED BY: GONZALO G. CRUZ
RESIDENT ENGINEER

CONCURRED BY: LT.COL. OSCAR A. SALVANERA

ET CONTRACT BID AMOUNT ₱ 8,752,700.00

PPROVED REVISED CONTRACT AMOUNT: ₱ 9,241,555.00

URRENT ESTIMATED FINAL COST



COMPLETION DATE NOV. 27, 1982 AS PER RECOMMENDED

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REPUBLIC OF THE PHILIPPINES
MINISTRY OF PUBLIC WORKS & HIGHWAYS
M A N I L A

MONTHLY CONSTRUCTION REPORT

No. 17

November 1982

Sub-Project 14

Contract No. V-A

POLANGUI-NASISI SECTION

Secondary Road
and
Feeder Roads

PONSO-SAN AGUSTIN NO. 1
BALOGO-SAN RAMON-TABOG NO. 2
BARAYONG-LIGAO NO. 3

CERTEZA DEVELOPMENT CORPORATION
(Consultant)

WILLIAM UY CONSTRUCTION, INC.
(Contractor)

November 1982

PROGRESS REPORT NO. 17
November 1982

PROJECT : POLANGUI-NASISI, SECONDARY AND FEEDER ROADS
CONTRACT V-A, SUB-PROJECT NO. 14

I-a. GENERAL

This monthly progress report covers the activities and accomplishment on the Polangui-Nasisi, Secondary and Feeder Roads for the coverage period from October 21 to November 20, 1982. The activities consist mainly of subbase and base works, asphalt surfacing and concrete paving works on the Secondary Road, restoration of typhoon-damaged slope protections.

b. PROGRESS

Item 108, Aggregate Subbase

Placing of aggregate subbase for shouldering on the concrete-paved roadway was continued. Likewise continued was the correction for subbase thickness and elevation along Feeder Road No. 1, most particularly on the approaches to the San Agustin Timber Bridge and on the R.C. Box Culvert at Sta. 4+158.

Item 200, Aggregate Base Course

This item of work is now completed on the Secondary Road. Placing and spreading of Aggregate Base Course have been started and still on-going along Feeder Road No. 1 from Sta. 4+900 towards the end of this Feeder Road.

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Item 301(1), & (2), 314(1) & (2), Bituminous Surface Treatment

Completed for Single Bituminous Surface Treatment (Full Road Width) are as follows:

Sta. 12+800 to Sta. 9+432.50	=	3,367.50 L.M.
Sta. 9+408.10 to Sta. 7+500	=	1,908.10 L.M.
Sta. 7+225 to Sta. 6+752.60	=	472.40 L.M.
Sta. 7+723.40 to Sta. 5+207.70	=	2,515.70 L.M.
Sta. 4+905 to Sta. 4+495	=	410.00 L.M.
Sta. 4+465 to Sta. 4+140	=	325.00 L.M.
SUB-TOTAL FULL WIDTH - - -		8,998.70 L.M.

Aside from the above, half road width surfacing has also been completed on the following stretches:

Sta. 4+465 to Sta. 4+485 (Left Lane)	-	20.00 L.M.
Sta. 4+955 to Sta. 4+995 (Right Lane)	-	40.00 L.M.
Sta. 5+050 to Sta. 5+075 (Right Lane)	-	25.00 L.M.
Sta. 5+080 to Sta. 5+180.30 (Right Lane	-	100.30 L.M.
Sta. 7+225 to Sta. 7+295.(Right Lane)	-	70.00 L.M.
SUB-TOTAL HALF WIDTH - - -		255.30 L.M.
EQUIVALENT FULL WIDTH - - -		127.65 L.M.

So that, the total equivalent completed full width of road surfaced with SBST is 9,126.35 L.M. or 9.126 km.

Item 316, Portland Cement Concrete Pavement

Per Change Order No. 3, started on July 27, 1982 and completed on October 23, 1982, accomplished was 8,224.50 sq.m. of pavement.

Per Change Order No. 4, started on November 9, 1982, Portland Cement Concrete Pavement have been

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completed as follows:

Sta. 2+400 to Sta. 2+940 (Left Lane)	-	540 L.M.
Sta. 1+920 to Sta. 2+200.80 (R.L.)	-	280.80 L.M.
Total - - -		820.80 L.M.

Structures

As reported in previous coverage period (September 21 to October 20, 1982), the percentage of completion is the same, 99.42%. Waht remains to be done are extension and placement of additional two R.C. pipes on Feeder Road No. 1, at Sta. 4+574.

Incidental Construction

Started slope protection of the approaches of the Timber Trestle Bridge with grouted riprap on Feeder Road No. 1. Likewise, hauling of boulders for the riprap of the slope protection of the approaches to the R.C. Box Culvert at Sta. 4+158 was started.

c. WEATHER

For day to day weather, please refer to Weather and Workability Report, Annex V-A-A.

d. PERSONNEL AND EQUIPMENT

1. See list of Personnel, Annex V-A-B.
2. See List of Equipment, Annex V-A-C.

II - MATERIALS TESTING AND CONTROL

As routinary requirments, laboratory tests

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and control were conducted, summary of which are as follows:

1. Secondary Road

Item 108, Aggregate Subbase

a.	Grading - - - - - - - - -	1
b.	PL, LL & PI - - - - - -	1
c.	Compaction - - - - - - -	1
d.	F.D.T. - - - - - - - - -	1

Item 200, Aggregate Base Coarse

a.	Grading - - - - - - - - -	1
b.	PL, LL & PI - - - - - -	1
c.	Compaction - - - - - - -	1
d.	F.D.T. - - - - - - - - -	27

Item 314, Bituminous Surface Treatment

a.	Grading - - - - - - - - -	2

Item 316, Portland Cement Concrete Pavement

a.	Grading - - - - - - - - -	1	C.A.
b.	Grading - - - - - - - - -	1	F.A.

2. Feeder Road No. 1

Item 108, Aggregate Subbase

a.	Grading - - - - - - - - -	2
b.	PL, LL & PI - - - - - - -	2
c.	Compaction - - - - - - -	2
d.	F.D.T. - - - - - - - - -	13

November 1982

COMMENTS AND RECOMMENDATIONS
(Contract V-A)

Progress:

Accomplishment (Old Contract) - - - -	35.69%
Accomplishment (New Contract) - - - -	80.17%
Scheduled Accomplishment (New Contract) - - - - - -	91.76%
Slippage (New Contract) - - - - - -	11.59% (-)
Overall Accomplishment - - - - - - - 35.69 + (0.6431 x 80.17)	87.25%

With the approved Change Order No. 4 and time extensions recommended as of October 20, 1982, the new expiry date will be December 24, 1982. Inspite of this new expiry date, it is still doubtful that the completion of the asphalt surfacing along Feeder Road No. 1 can be realized.

However, if the contractor will exert the same pace of asphalt surfacing as it has done during the last two coverage period and weather permitting, accomplishment of the asphalt surfacing may yet be realized within the new expiry date.

So that, we have advised the contractor to pursue their asphalting works towards completion without sacrificing quality of work.

Certified correct as verified in the field.

JOSE E. VILLANUEVA
Project Manager

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November 1982

Annex V-A-A
Sheet 1 of 2

PROJECT : POLANGUI-NASISI SECTION, SECONDARY & FEEDER ROADS
CONTRACT V-A, SUB-PROJECT NO. 14

WEATHER AND WORKABILITY REPORT

For the period covered October 21 to Nov. 20, 1982

DATE	WEATHER	REMARKS	UNWORKABLE DAYS
Oct. 21, 1982	Fair	Workable	None
22	Fair	-do-	-do-
23	Fair	-do-	-do-
24	Fair	-do-	-do-
25	Fair	-do-	-do-
26	Fair	-do-	-do-
27	Cloudy with rain-showers	-do-	-do-
28	Fair	-do-	-do-
29	Fair	-do-	-do-
30	Rainy	Unworkable	1 day
31	Cloudy to rainy	-do-	1 day
Nov. 1, 1982	Cloudy with isolated rains	Workable	None
2	Rainy	Unworkable	1 day
3	Rainy	-do-	1 day
4	Fair with cloud-iness	Workable	None
5	Cloudy with isolated rains	-do-	-do-
6	Fair	-do-	-do-
7	Cloudy with isolated rains	-do-	-do-
8	Cloudy with isolated rains	-do-	-do-
9	Fair	-do-	-do-
10	Fair to rainy	-do-	-do-
11	Fair to cloudy	-do-	-do-
12	Fair to cloudy	-do-	-do-
13	Fair with cloud-iness	-do-	-do-

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November 1982

DATE	WEATHER	REMARKS	UNWORKABLE DAYS
Nov. 14, 1982	Fair	Workable	None
15	Fair	-do-	-do-
16	Fair	-do-	-do-
17	Fair with cloudiness	-do-	-do-
18	Fair	-do-	-do-
19	Fair with cloudiness	-do-	-do-
20	Fair with cloudiness	-do-	-do-

TOTAL UNWORKABLE DAYS = 4 DAYS

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WILLIAM UY CONSTRUCTION CORPORATION
Polangui-Nasisi Section

LIST OF PERSONNEL
As of November 20, 1982

NAME	DESIGNATION
ADMINISTRATIVE	
1. Diosdado B. Bancaso	Project Engineer
2. Elpidio S. Mangubat	Field Supervisor
3. Jesus S. Bonacua	Liaison Officer
4. Alan F. Chiu	Office Engineer
5. Corazon Fernandez	Bookkeeper/Accounting Clerk
6. Elena R. Ribaya	Office Secretary
7. Rufina B. Bautista	Clerk Typist
8. Mario Austero	Timekeeper
9. Reynaldo Osiana	C.E. Aide
10. Florito B. Buan	Materials Checker
SURVEY	
1. Dioscoro Pabelonia	Instrumentman
2. Danilo Bonacua	Survey Aide
3. Nelson Loriaga	-do-
MATERIALS LABORATORY	
1. Roger A. Sarmiento	Laboratory Technician
2. Juan Villegas, Jr.	Laboratory Aide
MAINTENANCE	
1. Conrado de Leon	Mechanic
2. Ricardo de Leon	Junior Mechanic
3. Rogelio Lozano	Electrician
4. Antonio Morales	Helper Mechanic

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NAME	DESIGNATION
MAINTENANCE	
5. Jose Mecayer	Serviceman
6. Rodolfo Quinto	-do-
7. Salvador Sario	-do-
DRIVERS/OPERATORS	
1. Felix Sibay	Roadgrader Operator
2. Federico Luna	-do-
3. Nestor Bonacua	Bulldozer Operator
4. Fernando Llasos	Payloader Operator
5. Loreto Evangelista	-do-
6. Benito Gamazon	Trailer/Dump Truck Driver
7. Vicente San Lorenzo	Dump Truck Driver
8. Macario Samalea	-do-
9. Avelino Sabularse	-do-
10. Salvador Atanate	-do-
11. Salvador Aydalla	Service Driver
12. Nestor Bola	-do-
13. Silverio Penublar	-do-
LABORER/EQUIPMENT HELPER	
1. Porfirio Broma	
2. Efren Tibor	
3. Vicente Culaway	
SECURITY GUARD	
1. Porfirio Señora	
2. Pedro Nebres	
3. Gregorio San Juan, Jr.	

ASPHALT GANG - - - - - - - - - - 43

PAVING CREW - - - - - - - - - - 24

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BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAM. SUR

EMPLOYMENT GENERATION SURVEY (SS3)

Name of Contractor : WILLIAM UY CONSTRUCTION CORPORATION

For the month of : NOVEMBER 1982

		ADMINISTRATIVE/ FINANCE	ENGINEERING TECHNICAL	SKILLED	UNSKILLED
Manila Based	1/	1	-	4	-
Local Hired	2/	6	3	62	32
Sub-Contractor	3/	-	-	2	33
T O T A L		7	3	68	65

1/ Includes permanent employees

2/ Employees residing within the basin area

3/ Local hired only

* Sub-Contractor men not included in the List of Personnel

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November 1982

WILLIAM UY CONSTRUCTION CORPORATION
Polangui-Nasisi Section
Contract V-A

LIST OF EQUIPMENT

As of November 20, 1982

PROPERTY NO.	NOMENCLATURE	CAPACITY	MANUFACTURER'S MAKE	MODEL	SERIAL #	REMARKS SERVICEABILITY
SPU	Service Pick-Up		Toyota Hi-Lux	1972-12R	13-023753	Operational
SPU	Service Pick-Up		-do-			-do-
SJ	Service Jeep		Willy's Flat Head		E-63875	-do-
DT-303	Dump Truck	12 cu.m.	Isuzu	S62-450	1803322	-do-
DT-304	-do-	-do-	-do-	-do-	1806005	-do-
DT-305	-do-	-do-	-do-	-do-	1806323	Under Repair
DT-203	Water Truck	5 cu.m.	-do-			Operational
RR-# 1	Roadroller	9 tons	Gallion	R27301	R2301	-do-
RR # 2	-do-	8 tons	Tandem Road Roller Super Major		S-98096E	Inoperational
1	Farm Tractor		Massey Ferguson	175	21123	Operational
2	Asphaltic Kettle					-do-

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November 1982

PROPERTY NO.	NOMENCLATURE	CAPACITY	MANUFACTURER'S MAKE	MODEL	SERIAL #	REMARKS SERVICEABILITY
W-1	Pneumatic Shobble		Watanabe	DA120	524324	Idle
D7E	Tractor Direct		Caterpillar	D7E	47A-5018	Under Repair
D7E	Bulldozer		-do-	-do-	114	Operational
D7E	-do-		-do-	-do-	120	Under Repair
RG # 5	Roadgrader		Komatsu			Operational
RG # 2	-do-		Caterpillar			Idle
PL # 6	Payloader	4.5 cu.m.	Michigan	TCM175-III		Operational
PL # 7	-do-	2 cu.yrds.	-do-	TCM-II		Under Repair
VR # 1	Vibrating Roller	5.2 M.T.	Dynapac	CK-42	5324981	Operational
M-1	Concrete Mixer	1 bag				-do-
1	Sheep Foot	Double Drum				-do-
CC	Crane	35 ton	P & H			Idle
DH	Double Acting Diesel Hammer	12 ton	Delmag			Under Repair
CM-104	Transit Mixer	3.5 cu.m.	Nissan			Operational
VS	Vibratory Screed	2.5 HP	Briggs & Straton			-do-

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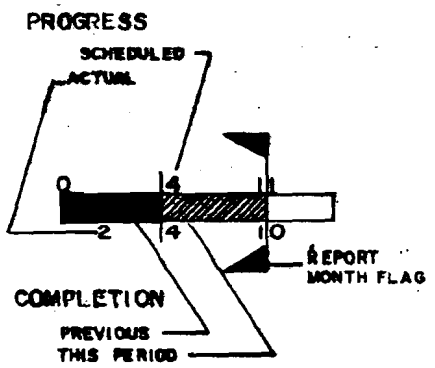
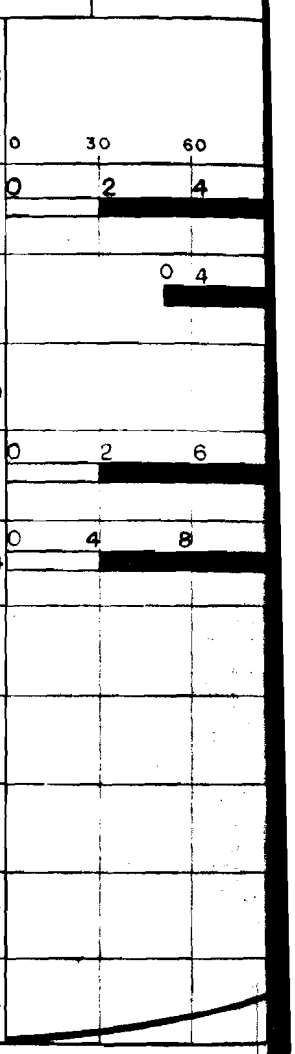
CONTRACTOR:	WILLIAM UY CONSTRUCTION CORPORATION
BIDDING DATE:	MAY 7, 1981
OFFICIAL STARTING DATE:	JULY 25, 1981
ORIGINAL COMPLETION DATE:	JULY 19, 1982
APPROVED REVISED COMPLETION DATE:	
PROBABLE COMPLETION DATE:	

BIC
E
SUB
PR

	ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
1	EARTHWORK	12.85	98.99	12.72
2	BASE COURSE	29.54	93.20	27.53
3	SURFACE COURSE & PAVEMENT	42.81	60.48	25.89
4	STRUCTURES	7.25	99.17	7.19
5	INCIDENTAL CONSTRUCTION	7.55	90.60	6.84
	TOTAL	100	80.17	
			ACTUAL	80.17
			SCHEDULED	91.76



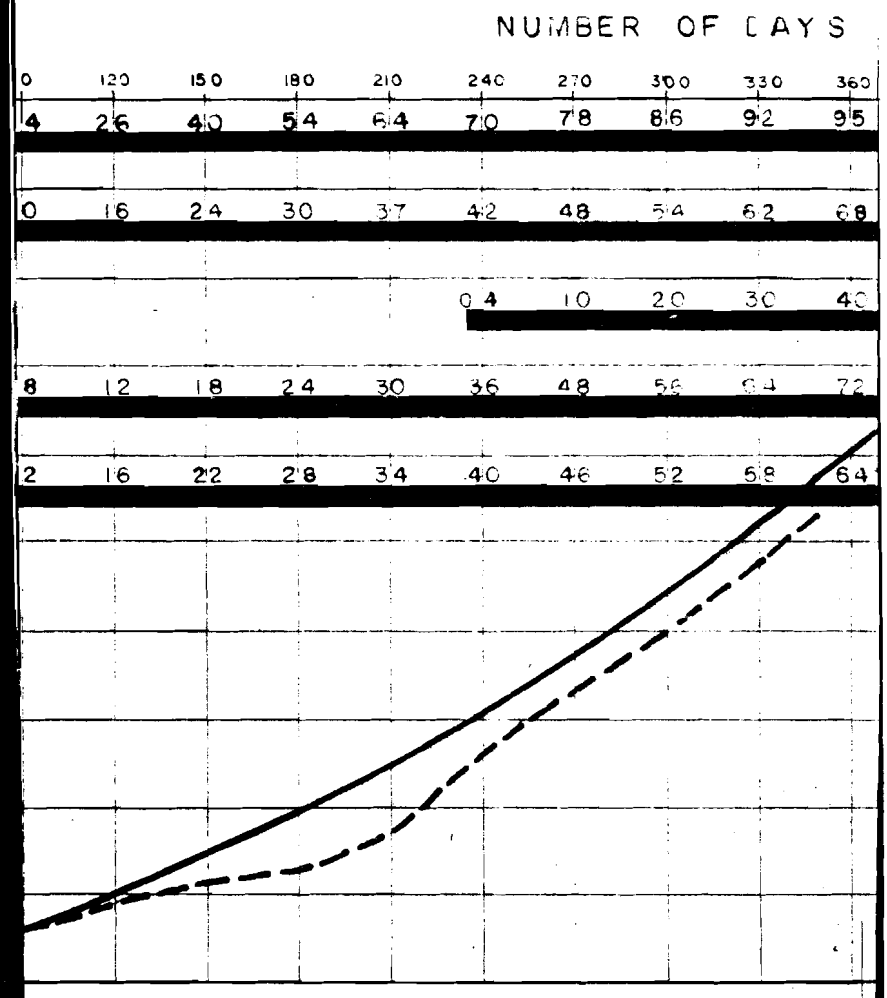


LEGEND: SCHEDULED
ACTUAL

OL SECONDARY AND FEEDER ROADS PROJECT
ICOL RIVER BASIN DEVELOPMENT PROGRAM

PACKAGE 4

ROJECT NO. 14, CONTRACT V-A, POLANGUI-NASISI ROAD
OGRAM OF WORK AND PROGRESS CHART



TE:
REVISED AS OF NOV. 20, PER CHANGE ORDER NOS. 1 TO 6

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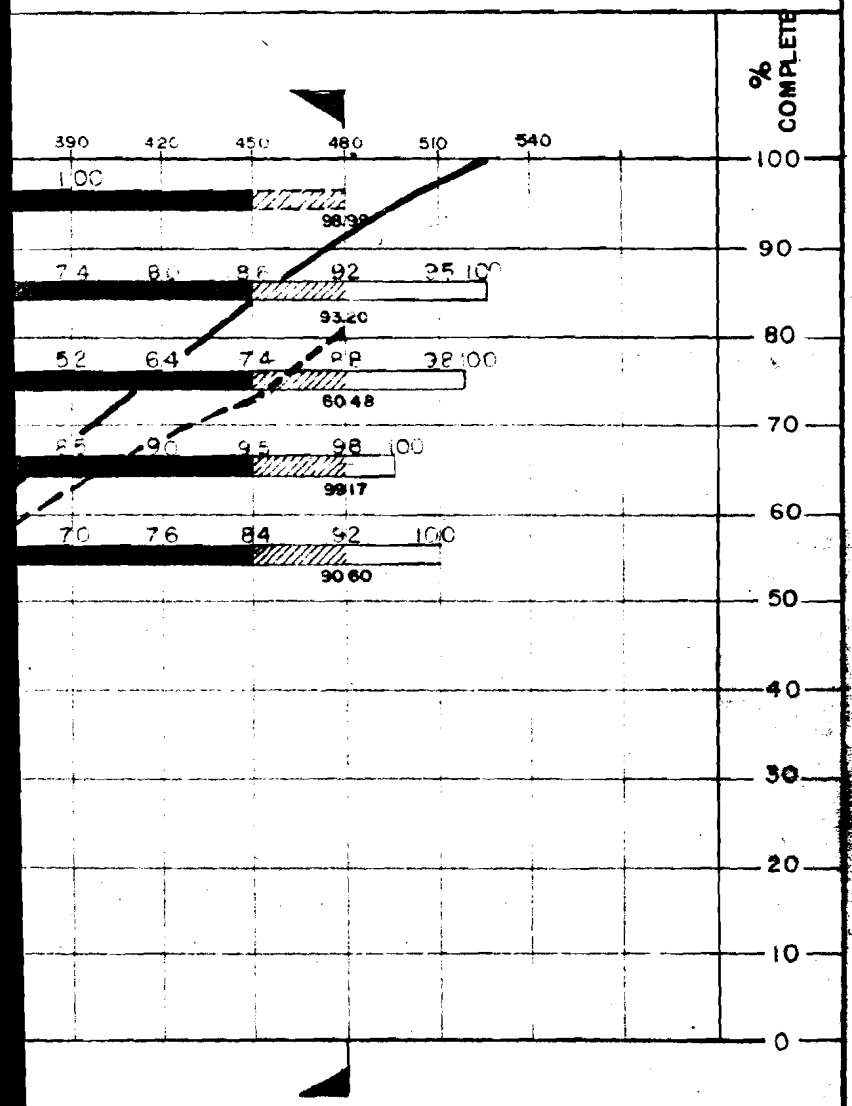
MONTHLY PROGRESS REPORT AS OF:	NOVEMBER 20, 1982
PREPARED BY: [illegible]	CONCURRED BY: ROBERT L. WONG, GENERAL MANAGER
NET CONTRACT BID AMOUNT:	₱ 10,988,450.55
APPROVED REVISED CONTRACT AMOUNT	₱ 14,014,752.30
CURRENT ESTIMATED FINAL COST:	₱ 14,124,614.80



ANNEX V

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REPUBLIC OF THE PHILIPPINES
MINISTRY OF PUBLIC WORKS & HIGHWAYS
M A N I L A

MONTHLY CONSTRUCTION REPORT

COMPLETED PROJECTS, PACKAGE IV
AS OF NOVEMBER 20, 1982

CONTRACT I	-	NABUA-TANDAAY SECONDARY & FEEDER ROADS
CONTRACT II-A	-	TANDAAY-SAN JUAN SECONDARY & FEEDER ROADS
CONTRACT II-B	-	BRIDGES TANDAAY-SAN JUAN
CONTRACT III	-	LIBON-NUGPO SECONDARY & FEEDER ROADS
CONTRACT V-B	-	BRIDGES POLANGUI-NASISI SECTION
CONTRACT VI-A, B & C	-	NABUA-SAN AGUSTIN SECONDARY & FEEDER ROADS

CERTEZA DEVELOPMENT CORPORATION
SPC COMPOUND, POLANGUI
A L B A Y

LIST OF CDC FIELD PERSONNEL
AS OF NOVEMBER 20, 1982

	NAME	DESIGNATION
1.	Jose E. Villanueva	Project Manager
2.	Gonzalo G. Cruz	Sr. Highway Engineer
3.	Arturo M. Celis	Sr. Soils/Mat'ls. Engr.
4.	Gregorio L. Amante	Sr. Qty./Cost Engineer
5.	Rodolfo Sabater	Surveyor Engineer
6.	Eleazar Regondola	Asst. Highway Engineer
7.	Fidel Iturrios	Earthwork/Pav't. Insp.
8.	Jose Montalbo	Laboratory Technician
9.	Pablo S. dela Peña	Administrative Officer
10.	Avelino G. Bactol	Asst. Adm. Officer
11.	Lucia Q. Maquiran	Project Accountant
12.	Araceli R. Aumentado	Secretary/Typist
13.	Eduardo Samarista	Janitor
14.	Catalino Saulan	Driver
15.	Arturo Rodriguez	-do-
16.	Bernardo Sartorio	Security Guard
17.	Jose Mabini	-do-
18.	Abelardo Rapadas	-do-

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November 1982

Appendix "B"
Sheet 1 of 1

BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAMARINES SUR

EMPLOYMENT GENERATION SURVEY (SS3)

Name of Consultant : CERTEZA DEVELOPMENT CORPORATION

For the month of : NOVEMBER 1982

		ADMINISTRARIVE/ FINANCE	ENGINEERING TECHNICAL	SKILLED	UNSKILLED
Manila Based	1/	4	5	-	-
Local Hired	2/	3	3	2	1
Sub-Contractor	3/	-	-	-	-
T O T A L		7	8	2	1

1/ Includes permanent employees
2/ Employees residing within the basin area
3/ Local hired only

Submitted by:

JOSE E. VILLANUEVA
Project Manager

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