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Republic of the Philippines

**MINISTRY OF PUBLIC WORKS AND HIGHWAYS**



BICOL RIVER BASIN DEVELOPMENT PROGRAM

ROAD COMPONENT



**PROJECT MANAGEMENT OFFICE**

R. E. S. Compound, City of Naga

PROGRESS NARRATIVE REPORT  
AS OF OCTOBER 31, 1981



Republic of the Philippines  
MINISTRY OF PUBLIC HIGHWAYS  
Region V  
Bicol River Basin Development Program  
PROJECT MANAGEMENT OFFICE  
Concepcion Grande, Naga City

November 3, 1981

THE HONORABLE  
Ministry of Public Works & Highways  
2nd Street, Port Area  
M a n i l a

Attn: Coordinator, BRBDP Road Component  
Asst. Minister

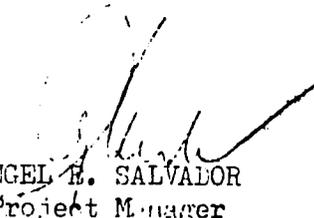
S i r :

I have the honor to submit herewith the NARRATIVE REPORT of the activities and accomplishments of this Office, in connection with the implementation of the Bicol Secondary and Feeder Roads Project, as of October 31, 1981.

Very truly yours,

VICENTE B. LOPEZ, CESO II  
Project Director

BY:

  
ANGEL E. SALVADOR  
Project Manager

Copy furnished:

1. PROD, Legaspi City
2. USAID, San Jose, Pili, Camarines Sur
3. BRBDP/PO, San Jose, Pili, Camarines Sur  
. Member of the Composite Management Group
5. NEDA, Legaspi City
6. COA, Legaspi City
7. MLGCD, Legaspi City
8. MAR, Legaspi City
9. MHS, Naga City

Republic of the Philippines  
MINISTRY OF PUBLIC HIGHWAYS  
Region V  
Bicol River Basin Development Program  
Road Component  
PROJECT MANAGEMENT OFFICE  
Concepcion Grande, Naga City

SUBJECT: NARRATIVE REPORT AS OF OCTOBER 31, 1981

ACTIVITIES:

- I. Detailed Engineering (Completed as of March 31, 1978),
- II. Parcellary Survey and Mapping of Right-of-Way (completed as of December 31, 1978);
- III. Continued Right-of-Way acquisition;
- IV. Continued Maintenance Training Management (Extension of Training Program);
- V. Continued Accepting, Reviewing, and Checking of important Documents and other official papers submitted to PMO;
- VI. Construction of the 26 contract sections, grouped into four(4) packages; each individual section's status per package is shown on the succeeding item "PROGRESS AND ACCOMPLISHMENTS";
- VII. Meetings and Conferences:

PROGRESS AND ACCOMPLISHMENTS:

The Detailed Engineering and the Parcellary Survey and Mapping of the Road-Right-of-Ways of the 14-sub-projects, grouped into four (4) packages had long been completed (1978).

Of the total 26 contract sections of the entire Bicol Secondary and Feeder Roads Project, nine (9) of them, as of report period are already completed. The section's individual status are as follows:

PACKAGE I - (All in Camarines Sur):

1. San Isidro-Libmanan Br. Sect., Contract I, 100 complete; inaugurated September 10, 1979;
2. Libmanan Br., Cabusao Sect., Contract II, Sub-project No. 1; terminated (11/24/80), 62.64% complete; 6.73% behind schedule (updated Aug. 1980) when terminated; rebid (5/7/81), re-awarded to R.L. Umali Const. for ₱8,471,495.28. Contract time commences on September 11, 1981 for 300 calendar days. Accomplishment under <sup>new</sup> contract is estimated to be 0.36% of entire project, hence the total project accomplishment is 63% (62.64% + 0.36%). Progress on current contract is 0.25% ahead of schedule.

3. Calabanga-Manguiring Br. Sect., (Changed to Calabanga-Sibobo Sect.) Contract I, Sub-project No.3 terminated (11/24/80), 65.53% complete when terminated. Accomplishment on new contract is 5.2% (equivalent to 1.68% of whole project weight.) Total accomplishment (includes that of: original contractor, the cementing of 1.15 kms. by the Force Account and the new contractor) is 69.39% (65.53%+2.18% + 1.68%) complete. Progress of the new contractor is 5.31% behind PERT/CPM schedule.
4. Calabanga-Tinambac Road (Bridge Sect.), Contract III, sub-project No. 3- 100% complete as of August 31, 1981 Report;
5. Manguiring-Tinambac Sect (Change to Sibobo-Tinambac Sect.) Contract II, Sub-project No. 3 terminated (11/24/80), 28.24% complete, 27.93% behind PERT/CPM Schedule (Nov. 1980) when terminated. Accomplishment on new contract is 20.3% (equivalent to 14.57% of total project weight). Total accomplishment (includes that of original and present contractor- Gold Rock Const.) is 42.81% (28.24 + 14.57). Progress of the new contractor is 8.47% behind new contractor's PERT/CPM Schedule.
6. Danao-Pasacao Rd., Sub-project No.2, terminated (3/2/81), 58.14% complete as finally corrected, 41.68% behind PERT/CPM Schedule, when terminated. Accomplishment on new contract is 0.36% (equivalent to 0.15% of the total project weight. Total accumulated accomplishment (includes that of original and present contractors) is 58.29% (58.14% + 0.15%) complete. Accomplishment on the new contract is 13.72% behind percent time elapsed. (Note: copy of approved PERT/CPM diagram not yet received.
7. Tigman and Himuragat Bridges, Contract IV, Sub-project No.3, 66.93% complete; 28.45% behind schedule.

PACKAGE II (Except Sub-project No. 7, which is in Naga City, the rests are in Camarines Sur).

8. Naga-Carolina Road, /Sub-project No. 10; 100.00% estimated to be on schedule (revised 3/25/80).
9. Pili-Mataoc Road, Sub-project No. 5, 93.12% complete; estimated to be 6.88% behind schedule (Revised, Sept. 25, 8th revision); and a time overrun, the negotiated contract for the project is already forwarded to the office of the President for approval.
10. Minalabac-Hubo Road, Sub-project No. 4; 98.81% complete; estimated to be 1.19% behind schedule (revised, 11/26/80, 2nd revision);
11. Palistina-San Antonio-Minalabac Rd., Sub-project No.6. Terminated (11/9/81), 30.01% complete, 40.95% behind schedule (rev. Oct. '80) when terminated. New contractor -South Motorist Enterprises for P3,439,585.80. Notice to proceed dated Oct. 16/81; commence of contract time not later than Oct. 24, 1981.

(Palistina - San Antonio - Minalabac, continued)

Construction activities (Survey work, hauling and spreading of Item 107 & 108 hand laid embankment, detour bridge) had been started, and has completed 3.43% of new contract (equivalent to 2.40% total project weight). Total project accomplishment (includes that of orig. contractor) is 32.41% (30.01% + 2.40%); 33.55 behind schedule (revised Oct. 1980).

PACKAGE III-

12. Sto. Domingo-Bula-O. b. o Road, Sub-project No.7, 100% complete (August 19, 1981).
13. Polangui-Lidong Sect., Sub-project No. 13-A. Terminated, rebidder (5/7/81); 82.8% complete, 17.2% behind schedule (rev. Aug. 1979) when terminated. Continuation of remaining item (Asphalt paving-DBST) included with remaining item of Buhi-Lidong Sect., Sub-project 13-B, forming the new sect. of Polangui-Lidong-Buhi, under the new contractor (LALS Const.). Operational activities started since August 11, 1981. Accumulated accomplishment (includes that of original and current contractors) to date is 83.04%, (82.8% + 0.24%). Progress of current contract is 0.48% (equivalent to 0.24% of total project weight) is 22.21% behind schedule.
14. Buhi-Lidong, Sub-project No.13-B, terminated, rebidder (5/7/81); (63.83% complete, 36.17% behind schedule (rev. April 6/80) and time overrun of 9 months when rebidder. The remaining work items were combined with the remaining items of Polangui-Lidong Sect., Sub-project 13-A, forming the new Sect. of Polangui-Lidong-Buhi, under LALS Const., Accumulated accomplishment (includes that of original and current contractors) to date is 67.09% (63.83% + 3.26%. Accomplishment on the new contract is 5.91% (equivalent to 3.26% of the entire project weight); 22.21% behind the new contractor's schedule.
15. Iriga-Salvacion (Bato), Sub-project No.12. Terminated (11/24/80); 44.33% complete, 55.67% behind schedule (revised June 1, 1980) when terminated. Being continued by Moon Rock Const. for P6,127,789.69. Accomplishment of the new contractor is 31.17%, equivalent to 17.35% of the total % weight of the project. Total accumulated accomplishment of the project is 61.68% (44.33% + 17.35%) complete. Progress on the contract is 5.64% ahead of the new contractor's schedule.
16. Topaz-Palsong-Bula Rd., Sub-project No.8, 86.73%; 8.84% behind schedule (revised Sept. 1981, 2nd revision).

PACKAGE IV - (Part of contract 16 and a Contract Nos. 21 and 22 are in Albay, the rest in Camarines Sur).

17. Nabua-Tandaay Sect., Contract I, Sub-project No. 11, 100% complete (as of July 31, 1981), its completion has an overrun of four months (based on schedule revised 1/25/81);

18. Tandaay-San Juan Sect., Contract II-A, Sub-project No. 11; 100% complete as of July 31, 1980 report;
19. Libon-Nugpo Sect., Contract III, Sub-project No. 11; 74.40% complete; 25.60% behind schedule (revised 6/30/80); contract terminated, 11/24/80, rebid May 7, 1981; awarded to V.P. Eusebio for P9,186,840.00; though no Notice to Proceed yet; contractor started working on Item 500 (grouted riprap), restoring scoured backfill on RCP's, of stockpiling aggregates for Item 316 (concrete pavement).
20. Contract VI-A, Nabua-San Agustin Road, Sub-project No. 9; 91.11% complete; 8.89% behind schedule (revised as of Feb. 18, 1980) and a time overrun of about 20 months (action by authorities concerned on amended contract termination being awaited); accomplishment inventoried on June 4, 1981 by representative of PMO, USAID and Consultants.
21. Contract VI-B, Nabua-San Agustin Road, Sub-project No.9; 82.22% complete; 17.78% behind schedule (revised as of February 18, 1980) and a time overrun of 13 months when contract was terminated 3/17, proposed for negotiated contract or by Force Account of the PEO of Camarines Sur; accomplishment finally inventoried on June 4, 1981.
22. Contract VI-C, Nabua-San Agustin Road, Sub-project No.9, 100% complete as of October 31, 1980;
23. Contract VI, Nugpo-San Juan (Bato) Sect., Sub-project No. 11, 74.18% (70.06% as finally inventoried) complete; 9.14% behind schedule (revised as of 12/25/80); contract terminated February 10, 1981; being continued by the 51st Eng'ng. Brigade, Phil. Army for a contract cost of P8,725,700.00. Accomplishment on the new contract is 2.852% (equivalent to 0.854% of the entire project); 14.55% behind the new contractor's schedule. Total accomplishment (includes orig. and current contractors) is 70.914% (70.06% + 0.854%).
24. Contract V-A, Polangui-Nasisi Sect., Sub-project No. 14, 35.69% complete (as inventoried), 64.31% behind schedule (revised as of Oct. 31, 1980), when terminated 11/24/80). Accomplishment of the new contractor (William Uy Const.) is 9.19% contract, equivalent to 5.91% of the total project weight, thus making the total accomplishment for the contract sect. to be 41.60% (35.69 + 5.91%). Progress on new contract is 6.25% behind the new contract's schedule.
25. Contract VI-B, Polangui-Nasisi Sect. (Bridges), Sub-project No.14, completed on March 1981.
26. Contract II B, Tandaay-San Juan Bato Sect. (Bridges), Sub-project No. 11, Completed May 31, 1980.

## II. PARCELARY SURVEY AND MAPPING OF RIGHT-OF-WAYS:

COMPLETED AS OF DECEMBER 31, 1981.

## III. CONTINUED RIGHT-OF-WAYS ACQUISITION:

Road-Right-of-Way acquisition work is being pursued vigorously by PMO personnel. Concerned contractors and the A & E Consultants are extending hands to help this RROW acquisition job in their respective contract segments.

Current status % complete of ROW acquisition (land by donation - RROW/Forms duly signed by owners, payments for improvements already or being prepared) for the following sub-projects or contract segments:

(a) San Isidro-Libmanan Br. Sect., Contract I, 100% complete for land acquisition, and 100% complete for improvements;

(b) Libmanan Br. Cabusao Sect., Contract II, Sub-project No.1, Package I, 90% complete;

(c) Sto. Domingo-Bula-Ombao Road, Sub-project No.7, Package III, 92% (land-ROW Forms signed by owners) and 90% for improvements);

(d) Pili-Matao oc Road, Sub-project No.5, Package II, 100% complete both (land and ROW Forms designed by owners) and improvements;

(e) Naga-Carolina Road, Sub-project No.10, Package II, (payments preparation for improvement underway) estimated accomplishment 100% (land and improvement);

(f) Calabanga-Manguiring Br. Sect., Contract I, Sub-project No.3, Package , Secondary and Feeder roads section 90% and 95% complete respectively (land - ROW signed by owners);

(g) Polangui-Lidong Sect., Sub-project No. 13-A, Package III, 95% complete (land and improvements);

(h) Buhi-L ong Sect., Sub-project No. 13-B, Package III, 94% complete;

(i) Tandaay-San Juan Sect., Contract II-A, Sub-project No. 11, Package IV, 92% complete (land and improvements);

(j) Libon-Nugpo Sect., Contract III, Sub-project No. 11, Package IV, Secondary section 50% land and improvements) - 60%

(k) Nabua-Tandaay Sect., Contract I-Sub-project No. 11, Package IV, Secondary and Feeder Roads Section 95% and 95% complete respectively land and improvements);

(l) Manguiring Br.-Tinambac Sect., Sub-project No.3, Contract III, Package I, 90% complete;

- (m) Nabua-San Agustin Road, Sub-project No.9, Package IV, 95% complete land and improvements),
- (n) Polangui-Nasisi Road Sect., Contract V-A, Sub-project No. 14, Package IV, 60% (land and improvements);
- (o) San Juan Nigro Sect., Contract IV, 70% (land and improvements);
- (p) Danao-Pasacao Road, Sub-project No.2, Package I, Secondary 90%, feeder roads 90% complete respectively;
- (q) Palistina-Mimalabac Road (Secondary and Feeder road section) Sub-project No.6, Package II, 55% complete;
- (r) Mimalabac-Antipolo-Hubo Road, Sub-project No.4, Package II, Secondary and feeder roads) 65%;
- (s) Iriga-Salvacion Rd., Sub-project No.12, Package III. - None
- (t) Bula-Palsong-Tupaz Rd., Sub-project No.8, Package III. - 50%
- (u) Tigman and Himuragat Br. Contract IV, Sub-project No.3, Package I - 100% and 15% respectively.

Overall accomplishment for the entire ROW acquisition job, is estimated to 69.00% complete (See ANNEX-J).

V- CONTINUED MAINTENANCE TRAINING MANAGEMENT (EXTENSION OF TRAINING PROGRAM)

In December of 1980 an agreement for Follow-On Maintenance Management Training was approved between the Gov't. of the Philippines through the Ministry of Public Highways, and Roy Jorgensen Associates, Inc. of Gaithersburg, Maryland, U.S.A.. A previous agreement (Maintenance Management Training 1978-1979, reported by us as already completed) had accomplished a number of objectives, namely:

- \* A road maintenance system was assigned for PEO and CEO implementation.
- \* Nine separate training courses were produced with instructors guides, workbooks and visual aid. Work method audio-visual courses were incorporated into the Management training workshop.
- \* Six trainers on assignment from the two Provinces and two Cities were trained to train others in the use of the management system.
- \* More than one hundred Engineers Managers, Foreman and Capataces were trained in the two Provinces and two Cities and in the Provinces of Sorsogon as well.
- \* Three staff engineers of the PMO-MPH were trained to supplement trainers and to carry on after project termination.
- \* The amount of \$5,000,000 in road maintenance equipment was recommended, specifications written, bids taken and awarded and partial distribution accomplished to date.
- \* The management system implementation was encouraged by assisting the local government and by distributing printed forms and crew day cards.

This Extension of Training Program, which covers approximately five and a half man-months, is a follow-on to the Maintenance Management Training (original project) to add emphasis to systematic road maintenance which was started, and to sustain the momentum of the original project, the objectives of which are as follows:

- \* To continue the objectives of the original agreement by evaluating the post-project progress, by providing assistance to local government road maintenance managers and by making modifications to the management system as needed.
- \* To inspect the road system in the BRBDP area on a random selection basis to evaluate the effect of systematic maintenance

- \* To assist the PMO and BRBDP in their monitoring activities of both road maintenance and road equipment maintenance.
- \* To investigate and report on the provincial capabilities for planning, programming, design, construction and administration of road projects.
- \* To provide technical assistance in drafting terms of reference for proposed road projects to be administered by the provinces in the BRBDP area.

Relevant to this project, the following were some of the activities that had been already performed:

- (a) Inspection, and giving numerical rating to indicate their condition of all completed Bicol Secondary and Feeder Roads Project; bridges were rated separately. The rating system was based on the relative importance of the major road features;
- (b) Meetings with Camarines Sur and Albay PEO's Managers on Maintenance work, and discussed ways and means how said activity could be improved.
- (c) Observing the use of newly deployed equipment in the provinces of Albay and Camarines Sur, and in the two Cities of Naga- and Iriga, with Engr. Silva continue monitoring the parts distribution and equipment maintenance record system.

Meanwhile, the acquisition of the Road Maintenance Equipment for the Cities of Naga and Iriga, for the provinces of Camarines Sur and Albay goes on.

Like our previous report, out of 121 units of Maintenance Equipment under requisition, there were already 104 units that had arrived at the PMO Compound, of which, 101 units of them were already turned over to the respective end-user agencies.

Two (2) motor graders, respectively each for Camarines Sur and Albay, are not turned over yet, for they are still to be serviced. One (1) concrete mixer is still to be taken by Camarines Sur.

Documents for withdrawal from the Port of Manila are still being processed for the following items: (a) Five (5) units of compressor, and (b) spare parts for - Dump Trucks, Water Trucks, Vibratory P. etc, Loader, Backhoe Loader. and Dozer.

V-ACCEPTING, REVIEWING, AND CHECKING DOCUMENTS AND OTHER OFFICIAL PAPERS:

Following are some of the important official papers relative to our Project implementation received for the period:

- (a) Copy of Minutes of site meetings, Nos. 3 and 4, dated September 23, and October 7, 1981 respectively, between DCCD staff and LALS Construction, re-construction of Polangui-Lidong-Buhi Rd.; Letter (copy furnished PMO) from LALS Construction informing that as of Sept. 30, 1981 their project (Polangui-Lidong-Buhi Rd.) slippage has increased to 16.03% (negative), all from DCCD Engineering Corp.
- (b) Letter re-partial turn-over of laboratory equipment supplied by S.P. Dacer Const. - from CERTEZA DEV. CORP.;
- (c) Letter requesting that funds for const. of Iriga-Salvacion Rd. be transferred from the central office (MPWH) to the PMO-from Moonrock Const.;
- (d) Letter (copy furnished PMO) from Marosa Enterprises re-progress of their contract (Danao-Pasacao Rds.) which is 13.72% behind schedule- from Techniks Group Corp.

Foregoing papers are being noted, reviewed, or studied by PMO staff for appropriate action.

VI - CONSTRUCTION:

VI(a)-Construction of San Isidro-Libmanan Br. Sect., Sub-project No.2, Package I.  
For details of contract section, see Item 2, ANNEX-D.

COMPLETED AS OF AUGUST 1979 REPORT.

VI(b)-Construction of Libmanan Br.-Cabusao Sect., Contract II, Sub-project No. 2, Package I.

For details of contract section, see Item 2, ANNEX-D.

The contractor as of this period is still at the stage of mobilization and procurement of construction materials, thus the construction activities were limited to the following:

A. Secondary Road:

1. Establishing of centerline profile and cross sectioning of road sections.
2. Maintenance of intermittent road sections
3. Stockpiling of aggregate materials.

B. Feeder Roads:

1. Feeder Road 103 - Excavation for R.C. Pipes culvert at sta. 3 + 075, reparation of existing roadway by reshaping shoulders and ditches and placing aggregate materials to low area installation

4. Feeder Roads - re-preparation of existing roadway sections by reshaping the shoulders and ditches and placing and compacting of aggregate materials on intermittent sections.

Physical accomplishment of major work items to date:

Work Items	Secondary Rd. Sect.	Feeder Roads Section
<u>I ROADS:</u>		
Subgrade (Item 107)	: 9.384 Kms. (100%)	: 9.27 Kms. (100%)
Subbase (Item 108)	: 9.384 " ( " )	: 9.27 " ( " ) (serves as surfacing)
Pavement (Item 316)	: 4,149.98 sq.m.(7.25%)	
<u>II BRIDGES:</u>		
Substructure	: 23.2 LM. (100%)	: 24.00 LM.
Superstructure	: 23.2 LM. (100%)	: 24.00 LM. Tb.Te.(100%)

Total accomplishment of the contract section when terminated is 62.64% (7.18% ahead of schedule per consultant PERT/CPM network). However, per FMO's evaluation this accomplishment is estimated to be 6.73% behind BAR SCHEDULE OF WORK (updated August 1980).

Accomplishment under the new contract to date is 0.96%, equivalent to 0.36% of the entire project weight, hence the total accumulated accomplishment is 63% (62.64% + 0.36) complete. New contract progress is 0.25% ahead of schedule.

VI(c)-Construction of Calabanga-Sibobo Sect., (Formerly Calabanga-Manguiring Sect.) Contract I, Sub-project No. 3, Package I.

For details of contract section, see Item 8, ANNEX-D.

The activities during the month for the remaining portion of the project were:

- A. Secondary Road - Survey works, roadway and drainage excavation of 2,934 cu.m. placed and compacted on intermittent stations; Excavation for structures for RCBC; hauling and compaction of 417 cu.m. Item 107 at intermittent stations; hauling and compaction of aggregate materials, placing of foundation fill for RCBC at stas. 7 + 175 and sta. 10 + 101; re-preparation of existing road section from sta. 1 + 150 to 2 + 150; pouring of concrete for RCBC at sta. 7 + 125 and

B. Feeder Roads:

1. Feeder Road 301 - Survey works, excavation, placing and compaction of Item 105 at sta. 7+550 to sta. 3+675; Hauling and compaction of aggregate materials at sta. 4+550 to sta. 7+170 and reparation of road section from sta. 0+550 to sta. 4+550 by reshaping and compacting the roadway.
2. Feeder Road 303 - Survey works, placing and compaction of aggregate materials at sta. 4+700 to sta. 5+275.

Physical accomplishment of major work items to date:

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Work Items	: Secondary Rd. Sect.	: Feeder Roads Section
<u>I ROADS:</u>		
Subgrade	: 11.478 Kms. (100%)	: 12.77 Kms. (70.20%) complete 5.41 " (29.8%) partial
Subbase	: 1.5 " (9.30%)	: 5.278 " complete 10.328 kms. (90.70%) complete 10.68 kms. partial partial :
Pavement (Item 316)	: 6,940 sq.m. (9.30%)	:

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Total accomplishment of the contract section to date is 5.21% (equivalent to 1.68% of the entire project); thus total project accomplishment is 69.39% (67.71 + 1.68). Progress of the new contractor is 5.31% behind PERT/CPM schedule (2nd revision dated Sept. 1981), see ANNEX-F-2.

The contractor's negative slippage may increase if they will not speed up their operation on items which are behind schedule; hence they had been advised to field in all the required equipment, especially the transit mixers in order to complete the project on target date.

VI(d)-Construction of Calabanga-Tinambac (7 Bridges) Sect., Contract 3, Sub-proj. No. 3, Package I.

For details of contract section, see Item 5, ANNEX-D.

VI(e)-Construction of Sibobo-Tinambac (Formerly Manguiring Br. Tinambac Sect.)

Contract II, Sub-project No. 3, Package I.

For details of contract section, see Item 5, ANNEX-D.

The activities of the new contractor were:

- A. Secondary Road - Survey works, clearing and grubbing at sta. 11+783 to 13.000, widening of roadway along existing concrete pavement, blasting of 1,700 cu.m. of solid rocks, excavation of roadway at intermittent stations, excavation of about 650 cu.m. for RCP's and RCBC's, filling of borrow materials at sta. 20+143 to sta. 20 + 975, placing and compaction of aggregate materials on sections which are already on subgrade, foundation fill were placed for RCP lines, and placing of gravel base course on sta. 16+500 to 17+000.
- B. Feeder Road 303 - Plotting of cross section and computation of earthwork is in progress.

Physical accomplishment of major work items to date:

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Work Items	: Secondary Rd. Sect.	: Feeder Roads Section &
Subgrade (Item 107)	: 4.83 kms. (completed) 54% 4.26 " (partial) 46%	: 6.76 kms. (partial)
Subbase (Item 108)	: 0.450 " (completed) 4.85% 4.49 " (partial) 48.49%	
Base (Item 200)	: 0.50 " (partial) 5.30%	

NO BRIDGE INVOLVED.

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Total accomplishment of the new contract to date is 20.30%. However, this 20.30% accomplishment is only weight 14.57% of the whole project weight, making the overall accomplishment of the whole section is 42.81% (28.24% when terminated + 14.57%) complete. New contractor's progress is 8.47% behind PERT/CPM schedule, see ANNEX-F-1.

The negative slippage incurred was caused by the previous lag which is due to bad weather condition and road-right-of-way problem.

VI(f) -Construction of Danao-Pasacao Rd., Sub-project No. 2, Package I.

For details of contract section, see Item 6, ANNEX-D.

The activities of the new contractor were:

- A. Secondary Road - Road maintenance, survey works, compaction of borrow materials, and works on riprap at intermittent stations are in progress.
- B. Feeder Road - No Activity

Physical accomplishment of major work items to date:

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<u>Work Items</u>	<u>: Secondary Rd. Sect.</u>	<u>: Feeder Rds. Section</u>
<u>I ROADS:</u>		
Item 105	: 2.90 kms. (96.67%) completed	7.10 kms. (100%)
	: 0.10 (3.33%) partial	:
Subgrade (Item 107)	: 6.40 kms. (98.91%) completed	: 8.819 kms. (100%)
	: 0.07 " (1.09%) partial	:
Subbase (Item 108)	: 8.50 " (96.43%) completed	11.919 kms. (79.89%) completed
	: 0.314 " (3.57%) partial	: 3 Kms. (20.11% partial)
Base	: 1.00 km. (11.34%) partial	:
<u>II BRIDGES: (Odicon Br.)</u>		
Substructure	: Completed	
Superstructure	: Completed except sidewall and wingwall.	

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Total accomplishment of the contract section is 58.29% (58.14% when terminated + 0.15% by the new contractor); with a time elapsed of 14.08%. Accomplishment of the new contractor is 13.72% behind percent time elapsed.

(Note: Copy of approved PERT/CPM of contractor not yet received hence slippage is not yet included in this report.)

VI(g)-Construction of Tigman & Himuragat Bridge, Contract IV, Sub-project No. 3, Package I.

For details of contract section, see Item 7, ANNEX-D.

The construction activities for the month were:

- A. Tigman Bridge - Roadway and drainage excavation, concreting of the remaining span (diaphragms and deck slab) with a total volume of 37 cu.m.
- B. Himuragat Bridge - Embankment works at the second approach of the bridge had been started even though the houses affected by the RROW limits were not get demolished, delivery and launching of 10 units of pre-stressed concrete I Beam.

Physical accomplishment of major work items to date:

A. Tigman Bridge:

Substructure - Completed

Superstructure- Completed except railing

B. Himuragat Bridge:

Substructure - completed

Superstructure - Launching of 10 pre-stressed concrete I Beam.

Total accomplishment of the contract section is 66.93%; 28.45% behind schedule (PERT/CPM network), with a percent time elapsed of 87.50%, see ANNEX-F-4.

VI(h)-Construction of Naga-Carolina Rd., Sub-project No. 5, Package II.

For details of contract section, see Item 12, ANNEX-D.

PROJECT COMPLETED AND ACCEPTED AS OF SEPTEMBER 6, 1981.

VI(i)-Construction of Pili-Mataoroc Rd., Sub-project No. 5, Package II.

For details of contract section, see Item 9, ANNEX-D.

The termination of this report was approved on July 8, 1981 without prejudice on the part of the contractor.

The necessary papers needed for the bidding or negotiation for the continuation of the remaining items were already submitted to MPH, and per latest information, the negotiated contract documents were already forwarded

Work Items	: Secondary Rds. Sect.	: Feeder Rds. Section
<u>I ROADS:</u>		
Subgrade	: 8.988 Kms.	: 12.263 kms.
Subbase	: 8.200 "	: 9.538 "(serves as surfacing)
Base	: 5.365	:
Surfacing	: NONE	:
<u>II BRIDGES:</u>		
Substructure	: 10.60 IM. (RC)	: 180 IM. (RC)
Superstructure	: 10.60 IM. (RCDG)	: 108 IM. TE. TE.

-Construction of Minalabac-Antipolo-Hubo Rd., Sub-project No. 4, Package II.

For details of contract section, see Item 10, ANNEX-D.

Activities for the period were:

For Secondary Road Section - Hauling and compaction of Item 107 to replenish sides slopes eroded by heavy rains; placing of Item 108 as corrections on deficient section; regrading, reshaping, and clearing of shoulders and placing Item 200 on some sections of the shoulder in preparation for the final acceptance of the project.

For Feeder Roads - Extension of existing RCBC at sta. 4+880 of FR 401, placing of highway markers on all feeder roads, continuous reshaping of side ditches on all feeder roads which were made shallow due to the accumulation of eroded materials from the roadside.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rd. Section	: Feeder Rds. Section
<u>I ROADS:</u>		
Subgrade	: 8.5 Kms.	: 15.46 Kms.
Subbase	: 8.5 "	: 14.96 " (serves as surfacing)
Base	: 4.9 "	
Pavement	: 29,890 sq.m.	
<u>II BRIDGES:</u>		
Balance (gross)	: 8000 completed	:

Total accomplishment for the contract section is 98.81%; estimated to be 1.19% behind schedule (revised Nov. 26/80, 2nd revision), see ANNEX-G-2.

No. of days recommended for extension - 20 days.

Concerning the construction of the bridge along this road over Cut-Off-Channel No. 3, which started since August 28, 1981 is now 21.37% complete, and more or less on schedule. Time to complete this bridge is 180 Calendar Days.

VI(k)-Construction of Palistina-San Antonio-Minalabac Rd., Sub-project No. 6.

Package II.

For details of contract section, see Item 11, ANNEX-D.

This contract section was terminated (April 8, 1981) from the original contractor (Project Works Contractor's Inc.). The completion of the remaining items of work was awarded to South Motorist Enterprises for ₱8,439,585.80. Per Notice to Proceed dated October 16, 1981, contract time commences October 24, 1981 for 420 Calendar Days. However, the actual construction works were started, though without notice to proceed yet, as early as September 1981.

Because of the absence of a detour bridge at Malitbog creek, work activities were concentrated on the secondary road as follows:

1. Hauling, spreading and compaction of Item 107 from sta. 3+000 to 3+100.
2. Compaction of handlaid rock embankment at sta. 3+562.
3. Miscellaneous surveying works.
4. Construction of detour at Malitbog creek.
5. Construction of falsework for driving of test piles.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rd. Section	: Feeder Roads Section
<u>I ROADS:</u>		
Subgrade	: 4.90 kms.	: NONE
Subbase	: 0.80 "	: NONE
Base	: NONE	: NONE
Surfacing	: NONE	: NONE

II BRIDGES:

Accomplishment of the project when terminated is 30.01%,  
estimated to be 40.95% behind schedule (rev. October 1980), 1st revision.

Accomplishment on the new contract is 3.43% (equivalent to  
2.40% of the total project weight); hence the total accomplishment  
(includes that of original and current contractor) is 32.41 (30.01%  
+ 2.4%), estimated to be 38.55% behind schedule (rev. October 1980) of  
the original contractor.

VI(l)-Construction of Sto. Domingo-Bula-Ombao Road, Sub-project No.7, Package III.

For details of contract section, see Item 12, ANNEX-D.

COMPLETED AS OF AUGUST 31, 1981 REPORT.

VI(m)-Construction of Polangui-Lidong Sect., Sub-project No. 13-A, Package III.

For details of contract section, see Item 13, ANNEX-D.

The activities of the new contractor for the continuation of the of the project (part only of the new contract, Polangui-Lidong-/Buhi) were reparation of 3 kms. existing road and DBST paving works at right lane of kms. 2+230 to km. 2+400.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rd. Sect.	: Feeder Rds. Sect.
<u>I ROADS:</u>		
Subgrade	: 12.50 kms (100%)	: 11.163 kms. (100%)
Subbase	: 12.50 " ( " )	: 11.163 " ( " ) serves as surfacing)
Base course	: 12.50 " ( " )	:
Pavement	: 1.99 " ( 15.63%)	:
<u>II BRIDGES:</u>		
Substructure	: 105.00 L.M.	:
Superstructure	: 105.00 LM.	:

Total accomplishment of the contract section is 83.04% (82.8% when terminated + 0.48% of the new contract which is equivalent to 0.24% of the total contract sect. weight). Progress of the new contractor is 22.21% behind schedule of the new contract (Polangui-Lidong-Buhi), see ANNEX-H-1.

VI(n)-Construction of Lidong-Buhi-Sect. Sub-project No. 13-B, Package III.

For details of contract section, see Item 14, ANNEX-D.

The new contractor for the continuation of this project has no major operation on the secondary road except preparation of rebars for structures.

For Feeder Roads, the activities were roadway and drainage excavation at km. 2+100 to 2+912.20, construction of RCBC at km. 0+ 75 and pouring of bottom slab of RCBC at sta. 2+068, all at Feeder E.

At Feeder Road F, the activities were side ditching and reparation of existing subbase, completion of RCBC at km. 2+168. At Feeder Road G- the activities were pouring of apron, wingwall for RCBC and installation of 9 pcs. of 0.91 m. diameter RCP's.

Physical accomplishment of the major work items to date:

Work Items	: Secondary Road Section	: Feeder Roads Section
<u>I ROADS:</u>		
Subgrade	: 8.715 kms. (97.26%)	: 9.34 kms. (83.40%)
Subbase	: 7.85 kms. (87.61%)	: 8.04 kms. (72.02%)
Base Course	: 8.26 kms (92.18%)	:(serves as surfacing)
Pavement	:	:

Total accomplishment of the contract section under new contract is 5.918% equivalent to 3.26 of the total project weight. Total accomplishment of the project is 67.09% (3.83% when terminated +3.26% by present contractor. Progress of the new contractor is 22.21% behind schedule of the new contract (Polangui-Lidong-Buhi). (NOTE: The continuation of this project is combined with the continuation of sub-project 13-A, forming the new contract sect. (Polangui-Lidong-Buhi). The negative slippage is attributed to lack of equipment, bad weather condition, and lack of experienced engineers.

VI(3)-Construction of Iriga-Salvacion-Bato Rd. Sub-project No. 12, Package III.  
For details of contract section, see Item 15, ANNEX-D.

Progress during the month is quite low due to frequent breakdown of equipment and adverse weather condition. The activities for secondary sect. were: continuous production of aggregate materials for subbase works, installation and backfilling of RCP's.

For Feeder Road A, intermittent <sup>a</sup>scripping and compaction works of roadway is in progress. Installation and backfilling 2 lines RCP's were also completed for the Feeder Roads B & C, hauling and compaction of Item 108 on deficient section are in progress. Installation and backfilling of RCP's on both Feeder Roads are also in progress.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rd. Sect.:	Feeder Rds. Sect.
<u>I ROADS:</u>		
Subgrade	: 10.85 kms. (100%)	: 4.58 kms. (62.04%)
Subbase	: 5.05 " (55%)	: 2.70 " (37%) (serves as surfacing)
Base	: -	:
Pavement	: -	:

Total accomplishment of the project when terminated (11/24/80) was 44.33%; 55.67% behind schedule (revised June 1, 1980)

The accomplishment of the new contractor on the remaining items of work is 31.17%; estimated to be 5.64% ahead of schedule. This 31.17% accomplishment is estimated to be equivalent to 17.35% (31.17% X 55.67%) of the total completion weight of the project; hence the total accomplishment of this project <sup>to</sup> date, is 61.68% (44.33% + 17.35). Progress on the new contract is 5.64% ahead of schedule, see ANNEX-H-3.

T(p)-Construction of Topaz-Palsong-Bula Rd., Sub-project No.8, Package III.

For details of contract section, see Item 16, ANNEX-D.

Activities for the period were:

A. Secondary Rd. - Filling of materials on approaches of Barrio Rd. feeding the secondary road; placing of base course materials on 100-m stretch, stockpiling of binder materials for Item 200, asphalt paving works on 1,520 lineal meter stretch, continuous construction of Bicol River Bridge, and riprapping works along sides of the secondary road at various stations.

B. Feeder Roads - Feeder Roads A & B completed. For Feeder Road C, the activity was only installation and backfilling of one line of RCP at n. 1+600.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rd. Sect.:	Feeder Rds. Sect.
<u>I ROADS:</u>		
Subgrade	: 10.98 kms.(99.64%)	: 11.35 kms.(97.42%)
Subbase	: 10.73 " (97.27% )	: 11.35 " (97.42%) (serves as surfacing)
Base course	: 9.54 " (86.58%)	:
Pavement or surfacing	: 5.78 " (52.45%)	:
<u>II BRIDGES:</u>		

For details of contract section, see Item 17, ANNEX-D.

COMPLETED AS OF JULY 1 81.

VI(r)-Construction of Tandaay-San Juan Sect., Contract II-A, Sub-project No.11, Package IV.

For details of contract section, see Item 18, ANNEX-D.

COMPLETED AS OF JULY 1980 REPORT.

VI(s)-Construction of Libon-Nugpo Sect., Contract III, Sub-project No. 11, Package I

For details of contract see, Item 19 ANNEX-D.

Although still waiting for the advice on the signing of contract and issuance of Notice to Proceed, the winning bidder, V.P. Eusebio Const., Inc. continued working on embankment protection (grouted riprap), and started to restore scoured backfill of R.C. pipes and RC box culverts along secondary rd. which were badly damaged by typhoon Daling; stockpiling of materials for Item 316 is also in progress.

Equipment at site are: Grider - 1, Payloader - 2, Duntrucks - 3, stake truck - 1, transit mixers -3, service Jeeps - 2, D-7 Dozer 1, Rd. Rollers - 1.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rds. Sect.	: Feeder Road Section
<u>I ROADS:</u>		
Subgrade	: 8.25 kms.	: 14.522 kms.
Base	: 8.25 "	: 14.522 kms.
		(serves as surfacing)
<u>II BRIDGES:</u>		

ALL IN SECONDARY ROAD SECTION

Work Items	: NUGPO BR.:	LASTAKABR.:	PAKLAS BR.:	PAKLAS II:	PAKLAS III
Substructure	:2-RC piers	:2RC piers	:2-RC piers	:2-RC piers	:2- piers
	:on RC piles	:on RC piles	:on RC piles	:on RC piles	: RC piles
	:2-RC abut-	abut-	:2-RC abut-	:2-RC abut-	:2-RC abut-
	:ment on RC	ment on	: ment on RC	:ment on RC	:ment on RC
	: piles	: piles	: piles	: piles	: piles
Substructure	:1-12m.RCDG	:3-8m RCDG	:1-12m. RCDG	:1-12RCDG:	:1-12m RCDG
	:center span		: center span	center span	center span
	:2-8m RCDG:		:2-8m RCDG	:208m RCDG:	:2-8m RCDG
	: end span:		:end span	:end span	: end span

Total accomplishment (still as of termination date 11/24/80)  
is 74.40%; 25.60% behind schedule (rev. June 30, 1980).

VI(t)-Construction of Nabua-San Agustin Rd., Contract VI-A, Sub-project No.9,Package 1  
For details of contract section, see Item 20, ANNEX-D.

Despite the repeated promises to complete the project by the contractor, no work was done during the period. Action on the consultant recommendation for the termination of the project is now being awaited.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rd. Sect.(No Feeder Rds. involved)
<u>I ROADS:</u>	
Subbase	: 2.00 kms.
Base	: 1.80 "
Pavement	: 1.80 "
<u>II STRUCTURES:</u>	
910 mm $\phi$ RCPC	: 10.00 LM.
1070 mm $\phi$ RCPC	: 50.00 "
Concrete Class "A"	: 155 m <sup>3</sup>
Grouted Riprap	: 532 m <sup>3</sup>

Total accomplishment of the entire contract section is 91.11% ; 8.89% behind schedule (revised Feb. 18, 1980) and a time overrun of 20 months, see ANNEX-I-3.

VI(u)-Construction of Nabua-San Agustin Rd., Contract VI-B, Sub-project No. 1,Package 1  
For details of contract section, see Item 21, ANNEX-D.

This project has been terminated on March 7, 1981 and its completion maybe undertaken on Force Account by the Provincial Engineers Office of Camarines Sur.

Physical accomplishment of major work items as of termination date:

Work Items	: Secondary Rd. Sect.(No Feeder Rds. Sect. Involved)
<u>I ROADS:</u>	
Subgrade	: 2.20 kms.
Base	: 2.20 "
Pavement	: 0
<u>II STRUCTURES:</u>	
RCPC (9.91 m $\phi$ )	: 20.00

Total accomplishment of the contract section is 82.22%, 17.78% behind schedule (revised 2/18/80) and a time overrun of 13 months when terminated.

VI(v)-Construction of Nabua-San Agustin Rd., Sub-project No.9, Contract VI-C, Pack  
For details of contract section, see Item 22, ANNEX-D.

COMPLETED AS OF DEC. 31, 1960 REPORT.

VI(w)-Construction of Nugpo-San Juan (Bato), Contract IV, Sub-project No. 11,  
Package IV.

For details of contract section, see Item 23, ANNEX-D.

The 3rd Engineering Brigade (continuing the project) has completed 298 cubic meters of Item 500 (grouted riprap) on secondary (approaches of Anoling and Buluang Brs.), and on Feeder Rd. No. 22.

Progress for the period was not so much due to the unworkability of the sites for earthwork operation, and this activity has yet to be started.

Other reasons for the delay: The Charlie Co. assigned to continue Feeder No. 21 is still in the process of establishing its headquarters, and is having difficulties in transferring its equipment from Balatan to the proposed camp site at said Feeder Rd. No. 21. Construction of drainage structures not yet started due to lack of information received as to result of the tests on the sample of aggregates which was brought to MPWH, Manila.

Physical accomplishment of major work items as of termination  
date 2-10-81

Work Items	: Secondary Rd. Sect.	: Feeder Rds. Sect.
<u>I ROADS:</u>		
Subgrade	: 8.13 kms.	: 18.594 kms.
Subbase	: 8.00	: 10.88 kms.
<u>II BRIDGES:</u>		
Anoling Bridge	: COMPLETED	
Buluang Br.	: "	

Total accomplishment of the contract section when terminated (2/10/81) is 74.18% (70.06% as finally inventoried) complete. Accomplishment on the new contract is 2.85% equivalent to 0.854% of the entire project weight) ; hence total accumulated accomplishment on this project is 70.914% (70.06% + 0.854%).

Progress on the new contract is 14.548% behind schedule, see ANNEX-I-6.

Unworkable days for the period - 11 days.

VI(x)-Construction of Polangui-Nasisi Sect., Contract V-A, Sub-project No. 14, Package IV.

For details of contract section, see Item 24, ANNEX-D.

Activities of the new contractor (William Uy Const.) for the period were:

For Secondary Rd. Section:

Stockpiling of construction materials namely: Item 107 along sta. 1+200 to 2+900.

Spreading, without compaction yet of Item 108 along stas. 2+900 to 6+150 was done. From stas. 6+000 to 8+900, this Item has been already spread for about a month now, but additional compaction is still needed. About 425 cu.m. of grouted riprap (Item 500) on the approaches and side slope embankment protection for Balogo, Matanglad, and Alnay Brs. had been accomplished. The grouted riprap for Alnay Br. completed.

Twenty seven (27) L.M. or R.C. pipes culverts of various diameters were already installed on various stations.

FOR Feeder Rds. Sect.:-

Hauling and spreading of Item 107 along various stations on all Feeder Rds. 1 to 3. However this spreaded item is not thoroughly compacted yet. About 3850 cu.m. of this item is now in place.

Physical accomplishment of major work items to date:

Work Items	: Secondary Rds. Sect.:	Feeder Rds. Sect.
<u>I ROADS:</u>		
Subgrade	: 4.166 kms.	: 3.227 kms.
Aggregate subbase	: 2.59 "	: 0.26 kms.
		(serves as surfacing)
<u>II RCP</u>		
0610 mm $\phi$	: 12.00 m.	: 83.00 m.
0910 mm $\phi$	: 4.00	: 45.00 m.
1220 mm $\phi$	: -	: 39.00 m.

Total accomplishment of the contract section is 41.60% (35.69% by the previous contractor + 5.91% by the new contractor, which is only weighted about 5.91% of the whole project).

The accomplishment of 9.19% on the new contract is 6.25% behind PERT/CPM schedule (see ANNEX-7).

VI(y)-Construction of Polangui-Nasisi (Bridges) Sect., Contract V-B, Sub-project No. 11, Package IV.

For details of contract section, see Item 25, ANNEX-D.

The whole project was completed as of March 31, 1981 report.

VI(z)-Construction of Tandaay-San Juan Sect., (Bridges) Contract II-B, Sub-project No. 11, Package IV.

For details of contract section, see Item 26, ANNEX-D.

Completed as of May 31, 1980 report, its completion is 31.15% ahead of original schedule.

SUMMARY OF ACCOMPLISHMENTS:

For all construction work, the total accomplishment is 79.19%; estimated to be 15.21% behind schedule (revised, 2nd revision, with August 28, 1982 as target date) see ANNEX-I-A.

Overall progress (all phases of work for PMO implementation considered) is 80.45%; 6.45% behind schedule (revised, July 31, 1981, with September 28, 1982 as target date), see ANNEX-J.

The main cause/causes which affected the work for the period are stated under PROBLEMS, COMMENTS/OR RECOMMENDATIONS in the last part of this report.

VII-MEETINGS AND CONFERENCES:

As stated in our Sept. 1981 report, a general meeting among contractors, consultants, and PMO Staff was held on September 16, 1981 at the Project Management Office, Naga City. Said meeting was presided by Director Wenceslao C. De Guzman, the "Minutes" of which consisting of seven (7) sheets is included in this report as ANNEX-K.

Likewise on Oct. 13, 1981, a meeting among the consultants and the PMO Staff was also held at same office. This meeting was presided by Director

OTHER RELEVANT INFORMATION:

- (a) PMO's Financial Status - - - - - ANNEX-A.
- (b) Financial Plan and Cash Flow - - - - - ANNEX-B.
- (c) PMO's Manpower & Major Equipment - - - - - ANNEX-C.
- (d) Details of Contract Section under Construction - - - ANNEX-D.
- (e) Percentage Comparison of Collection & Accomplishment- ANNEX-E.
- (f-1) PERT/CPM Network-Sibobo-Tinambac Section - - - - - ANNEX-F-1.
- (f-2) PERT/CPM Network-Calabanga-Sibobo Section - - - - - ANNEX-F-2.
- (f- ) PERT/CPM Network-Tigman and Himuragat Br. - - - - - ANNEX-F-4.
- (f-5) PERT/CPM Network-Libmanan Br.-Cabusao Section - - - ANNEX-F-5.
- (g-2) Bar Schedule of Work-Minalabac-Antipolo-Hubo Rd. - ANNEX-G-2.
- (h-1) Progress, Polangui-Ladang -Buhi Road - - - - - ANNEX-H-1.
- (h-4) Progress Chart, Topaz-Palsong-Bula Road - - - - - ANNEX-H-4.
- (i-3) Program of Work and Progress Chart, Nabua-San Agustin Road,  
Contract VI-A - - - - - ANNEX-I-3.
- (i-6) Program of Work and Progress Chart, Nugpo-San Juan- ANNEX-I-6.
- (i-7) Program of Work and Progress Chart, Polangui-Nasisi-  
Rd., Contract V-A, - - - - - ANNEX-I-7.
- (i-a) Progress Chart (Construction of Bicol Secondary and  
Feeder Roads) - - - - - ANNEX-I-A.
- (i-b) Status Report as of Sept. 30, 1981 - - - - - ANNEX-I-B.
- (i-c) Status of Foreign-Assisted Project - - - - - ANNEX-I-C.
- (i-d) Status Report on Organizational Force - - - - - ANNEX-I-D.
- (j) Overall Progress Schedule (Bicol Secondary and Feeder  
Roads) - - - - - ANNEX-J.
- (k) "Minutes" of General Meeting on Sept. 16, 1981 - - - ANNEX-k.
- (l) "Minutes" of Oct. 31, 1981 Meeting - - - - - ANNEX-L.

PROBLEMS, COMMENTS/OR RECOMMENDATIONS:

There was no major problem encountered for the period. However, construction progress is generally affected by the following:

- (a) Non-construction operation yet on the following contract sections that were terminated or recommended for termination, namely:
  - 1.Pili-Mataoroc Rd. (Terminated July 8, 1981);
  - 2.Contract VI-B, Nabua-San Agustin Rd. (Terminated March 17, 1981);
  - 3.Contract VI-A, Nabua-San Agustin Rd. (Recommended for termination since Feb. 1981).
- (b) Bad weather condition, lack of needed equipment, frequent breakdowns of equipment on field, and shortage of construction materials, on

As for problem (a): Pili-Mataoc Rd., - Per latest information, the negotiated contract documents for this project were already forwarded to the Office of the President for approval; thus it is expected that actual work on the remaining items will soon follow. Contract VI-B, Nabua-San Agustin Road - proposed for Force Account by the Provincial Engineer's Office of Camarines Sur. Remaining work, which is only 17.78% of the project is projected to be completed in January 1982. Contract VI-A, Nabua-San Agustin Rd. awaiting for action of authorities concerned on the recommendation for termination of the project. The remaining work is only 8.89%, for this project is already 91.11% complete.

As for problem (b): concerned contractors were advised of their respective problems or deficiencies to institute remedial measures accordingly.

PREPARED BY:

  
VIVENCIO M. PANGANIBAN  
Chief Monitoring Section

CHECKED BY:

  
DOMINGO R. RAYCO  
Chief, Operation Div.

SUBMITTED BY:

  
ANGEL E. SALVADOR  
Project Manager



Sub-Allotment Received:

SAA # 105-295 dated 7-20-76	- - - - -	P	100,000.00
377 " 9-28-76	- - - - -		100,000.00
408 " 12-15-76	- - - - -		400,000.00
093 " 8-08-76	- - - - -		1,000,000.00
048 " 3-31-77	- - - - -		7,932,748.00
136 " 11-07-77	- - - - -		1,000,000.00
015 " 3-09-78	- - - - -		20,000,000.00
069 " 6-07-78	- - - - -		10,500,000.00
011 " 6-30-79	- - - - -		10,000,000.00
054 " 3-1-79	- - - - -		10,000,000.00
076 " 4-09-79	- - - - -		10,000,000.00
150 " 6-08-79	- - - - -		9,985,000.00
161 " 7-13-79	- - - - -		10,000,000.00
205 " 9-30-79	- - - - -		20,000,000.00
206 " 9-30-79	- - - - -		3,750,000.00
224 " 10-02-79	- - - - -		14,990,000.00
272 " 12-06-79	- - - - -		3,035,000.00
284 " 12-28-79	- - - - -		22,000,000.00
02536 " 1-14-80	- - - - -		7,531,300.00
078 " 3-25-80	- - - - -		14,900,000.00
112 " 5-14-80	- - - - -		25,000,000.00
00763 " 12-29-80	- - - - -		20,000,000.00
00773 " 12-29-80	- - - - -		8,500,000.00
00837 " 3-27-81	- - - - -		24,230,549.00
00878 " 5-14-81	- - - - -		760,000.00

Total Allotment Received - - - - - P 255,714,597.00

Less: Expenditures For:

Personal Services - - - - -	F	3,731,684.92
Maintenance Training - - - - -		245,142.52
Maintenance & Other Operating Expenses - - - - -		4,330,542.13
Capital Outlay - - - - -		916,141.25
Equipment Outlay - - - - -		604,551.16
Economic Evaluation - - - - -		1,715,868.31
Parcellary Survey - - - - -		1,383,530.00
Detailed Engineering - - - - -		7,996,238.80
Direct Cost (Supervision A & B) - - - - -		20,112,885.80
Direct Cost (Construction) - - - - -		198,351,839.26
Right-Of-Way Improvement - - - - -		1,125,690.96

Total Expenditures to date - - - - - P 249,515,115.20

B a l a n c e - - - - - 6,199,481.80

Unliquidated Contract - - - - - 6,167,050.75

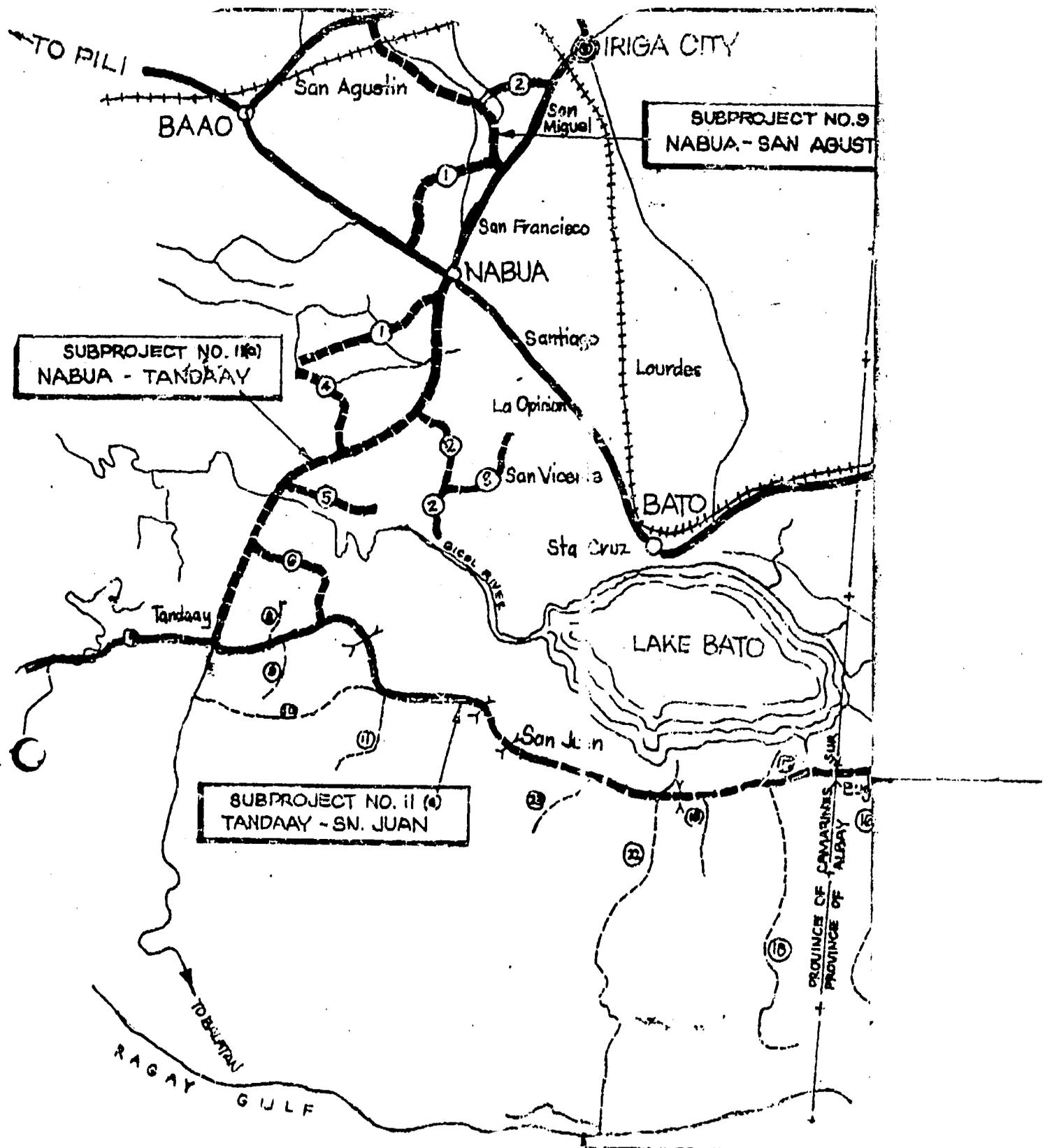
Unobligated Balance = = - - - - - P 32,431.05

CERTIFIED CORRECT:

*Andrea M. O'Brien*  
ANDREA M. O'BRIEN  
Project Accountant

NOTED:

*[Handwritten Signature]*

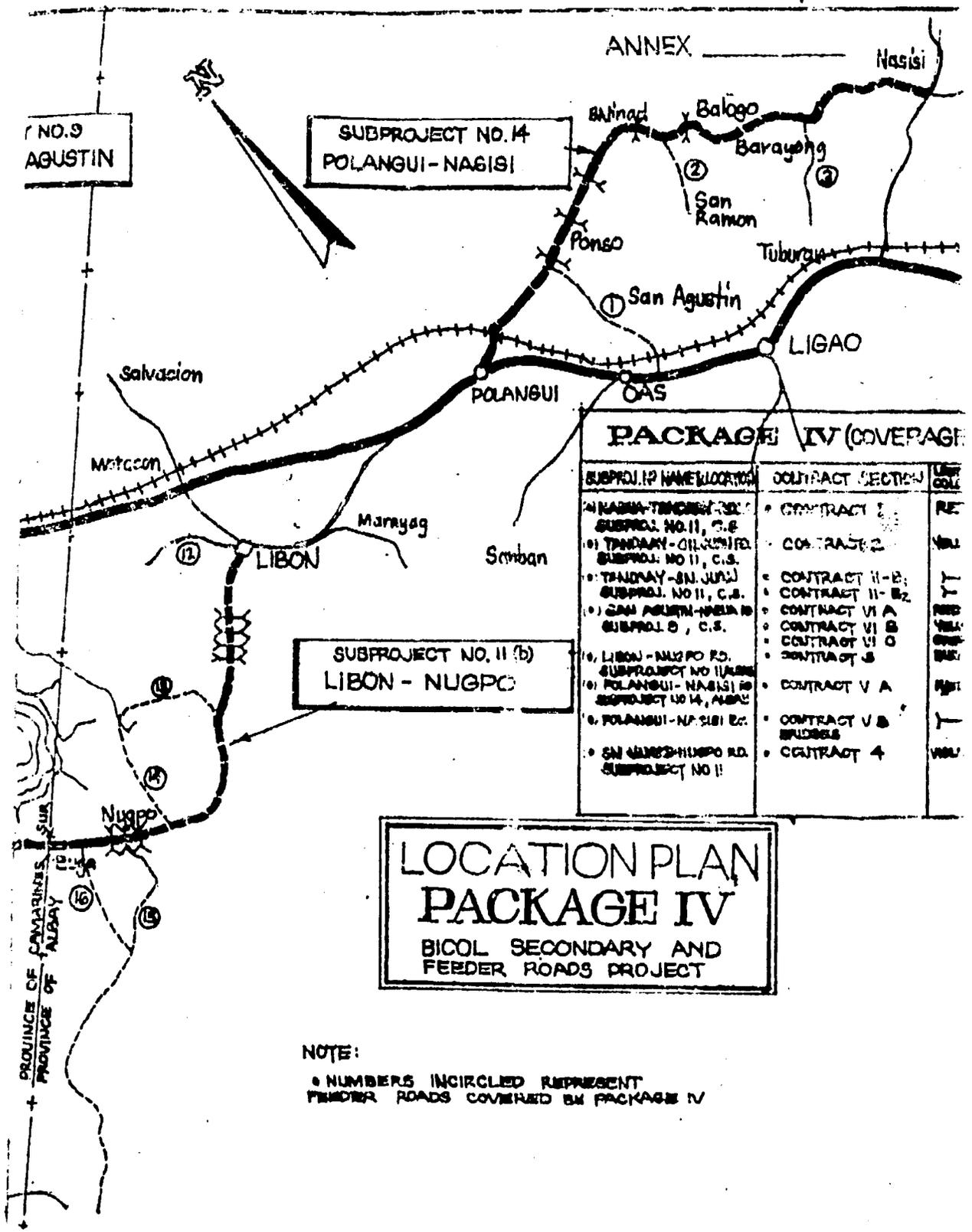


SUBPROJECT NO. 9  
NABUA - SAN AGUST

SUBPROJECT NO. 10  
NABUA - TANDAAY

SUBPROJECT NO. 11  
TANDAAY - SN. JUAN

PROVINCE OF CAMARINES SUR  
PROVINCE OF ALBAY



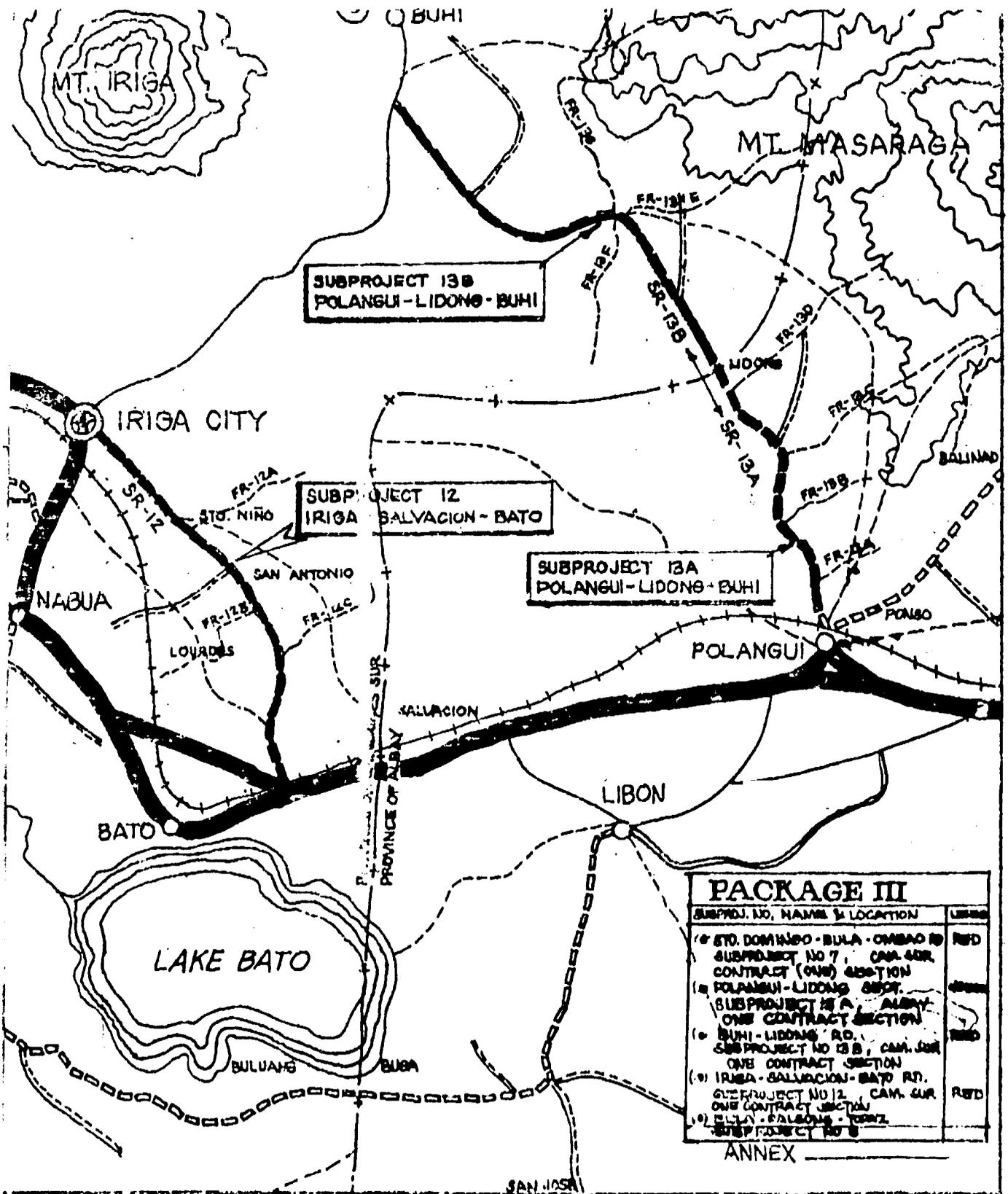
SUBPROJECT NO. 14  
POLANGUI-NAGISI

SUBPROJECT NO. 11 (b)  
LIBON - NUGPO

PACKAGE IV (COVERAGE)		
SUBPROJ. # NAME/LOCATION	CONTRACT SECTION	USER CATEGORY
1. NAGSI-TUBURAN RD. SUBPROJ. NO. 11, C.S.	CONTRACT 1	REG
2. TANDAY-DILIGENTE SUBPROJ. NO. 11, C.S.	CONTRACT 2	REG
3. TANDAY-SAN JUAN SUBPROJ. NO. 11, C.S.	CONTRACT 11-B1 CONTRACT 11-B2	TY
4. SAN AGUSTIN-NAGSI RD. SUBPROJ. 14, C.S.	CONTRACT VI A CONTRACT VI B CONTRACT VI C	REG REG REG
5. LIBON - NUGPO RD. SUBPROJECT NO. 11(b)	CONTRACT V A	REG
6. POLANGUI - NAGSI RD. SUBPROJECT NO. 14, ALBAY	CONTRACT V B BRIDGES	TY
7. SAN RAMON-HUMPO RD. SUBPROJECT NO. 11	CONTRACT 4	REG

**LOCATION PLAN**  
**PACKAGE IV**  
BICOL SECONDARY AND  
FEEDER ROADS PROJECT

NOTE:  
• NUMBERS INCIRCLED REPRESENT  
FEEDER ROADS COVERED BY PACKAGE IV

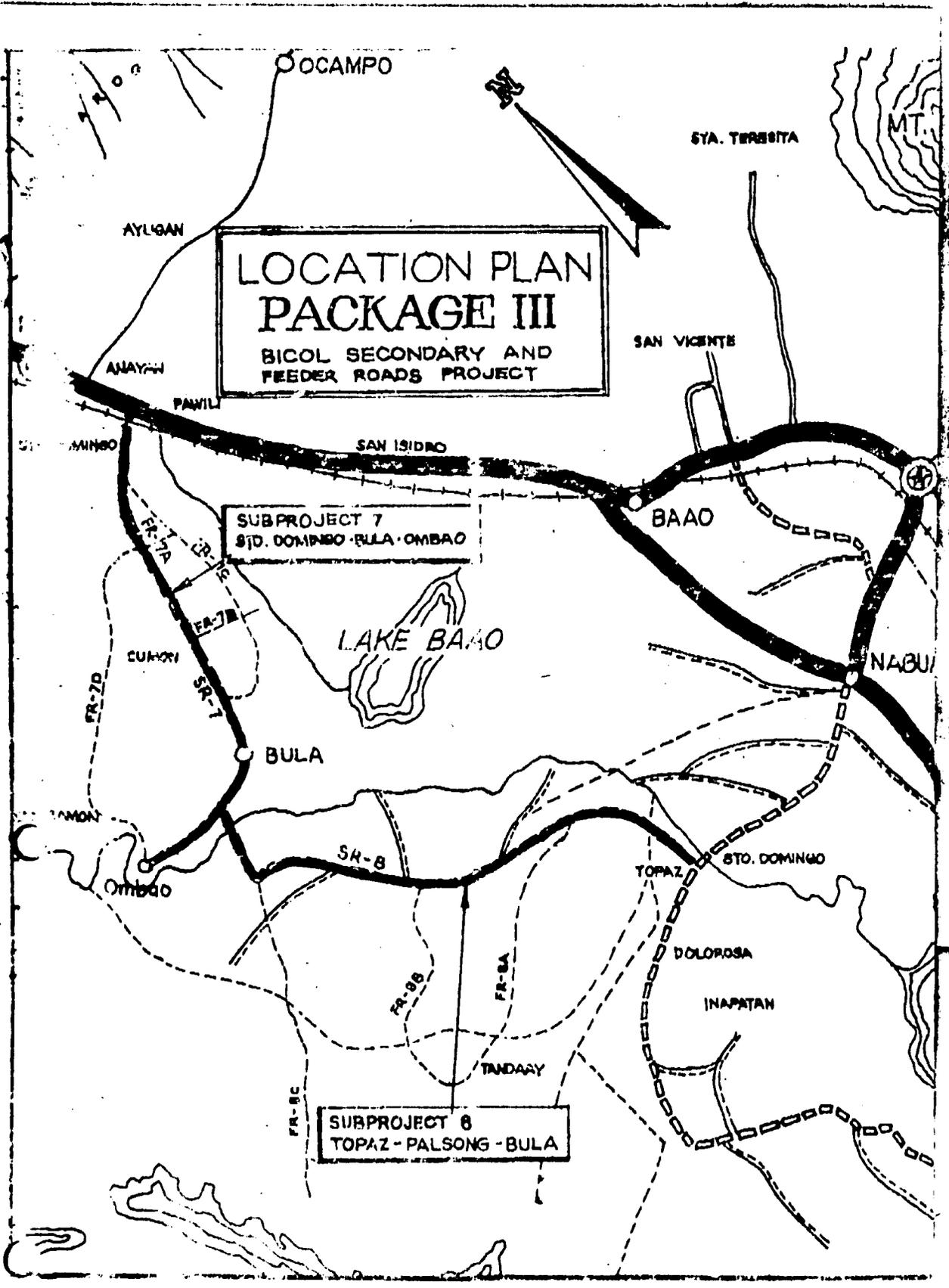


# LOCATION PLAN PACKAGE III

BICOL SECONDARY AND  
FEEDER ROADS PROJECT

SUBPROJECT 7  
STO. DOMINGO - BULA - OMBAO

SUBPROJECT 8  
TOPAZ - PALSONG - BULA



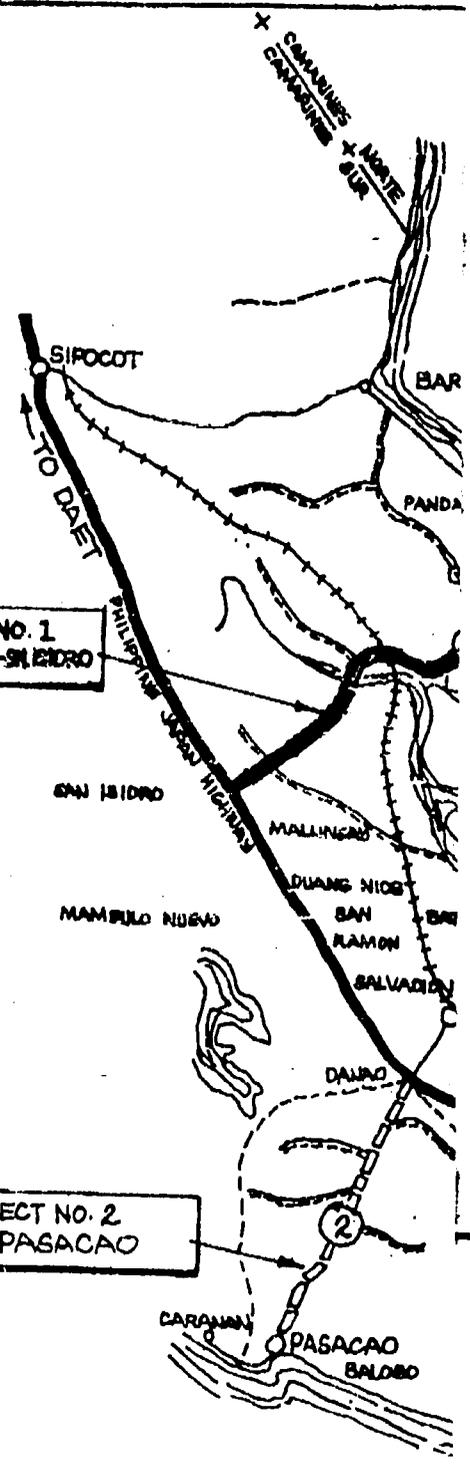
PACKAGE I (COVERAGE)			LEGEND
S. NO.	PROJECT NO, NAME & LOCATION	CONTRACT SECTION	COLOR
(1)	PROJECT NO 1 LIBMANAN-SAN ISIDRO- GABUSAO RD., CAM. SUR	• CONTRACT I - SAN ISIDRO - LIBMANAN Br. SECT. • CONTRACT II LIBMANAN- Br. - GABUSAO SECT. • ONLY ONE CONTRACT SECT.	RED YELLOW RED
(2)	PROJECT NO 2 DANAO - PASACAO CAM. SUR	• ONLY ONE CONTRACT SECT.	RED
(3)	PROJECT NO 3 MABANGA-TINAMBAC RD. PROJECT NO 3, C.S.	• CONTRACT I • CONTRACT II • CONTRACT III	RED YELLOW YELLOW
PACKAGE II COVERAGE			
S. NO.	PROJECT NO, NAME & LOCATION	CONTRACT SECTION	COLOR
(4)	PROJECT NO 4 DANA - CAROLINA RD., C.B.	• ONE CONTRACT SECT.	RED
(5)	PROJECT NO 5 MESTINA-MINALABAO	• ONE CONTRACT SECT.	RED
(6)	PROJECT NO 6 MATAOROC, CAM. SUR	• ONE CONTRACT SECT.	RED



SUBPROJECT NO. 1  
LIBMANAN-GABUSAO-SISIDRO

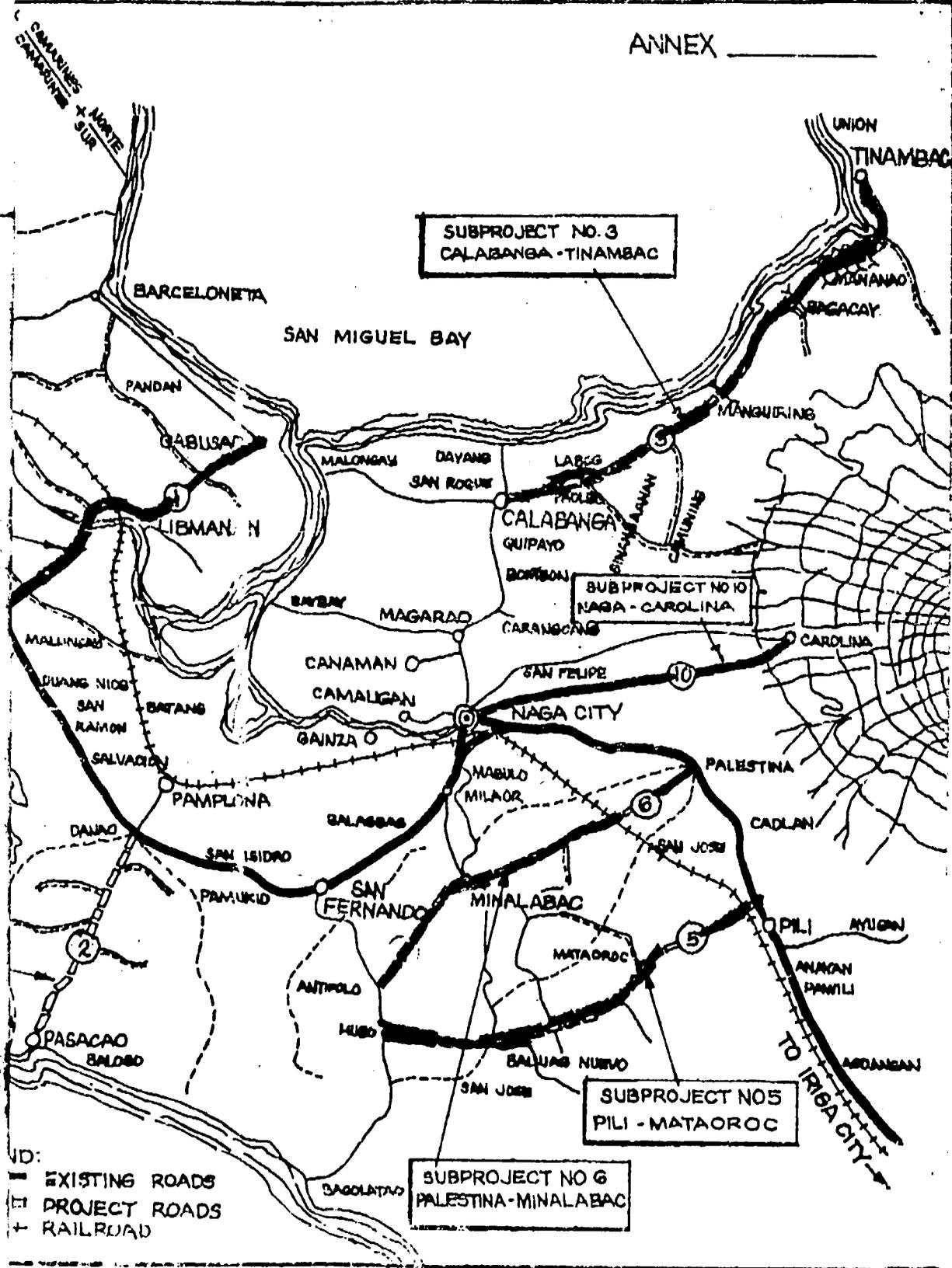
SUBPROJECT NO. 2  
DANAO-PASACAO

**LOCATION PLAN**  
**PACKAGES I & II**  
BICOL SECONDARY AND  
FEEDER ROADS PROJECT



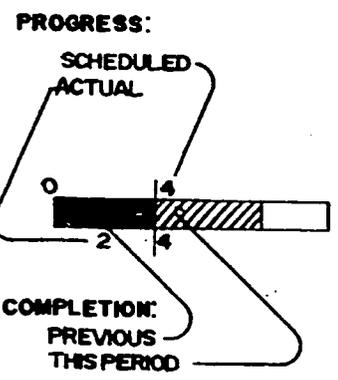
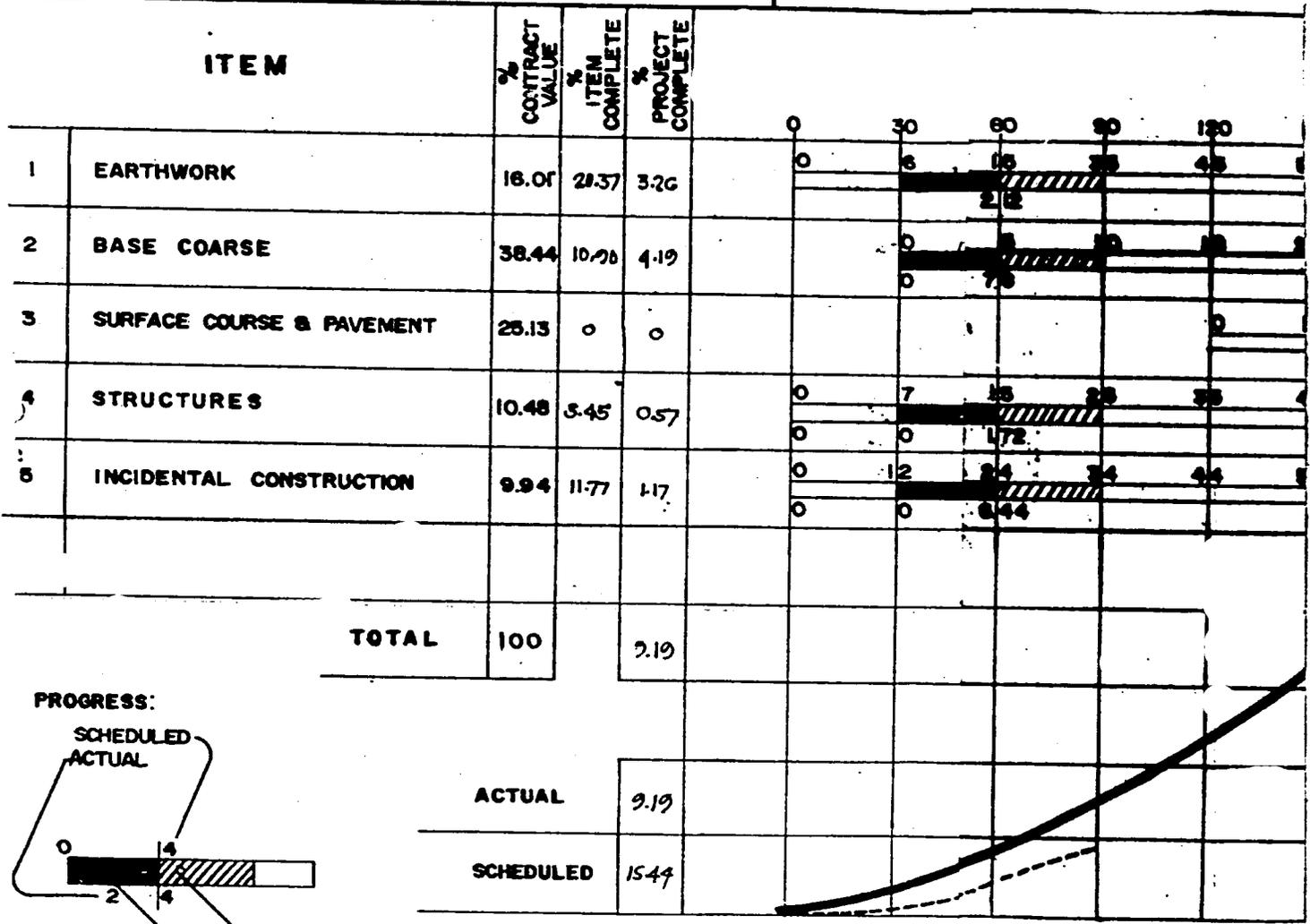
LEGEND:  
 ———— EXISTING ROAD  
 - - - - PROJECT ROAD  
 + + + + RAILROAD

ANNEX



BIDDING DATE: MAY 7, 1981	
OFFICIAL STARTING DATE: JULY 25, 1981	
ORIGINAL COMPLETION DATE: JULY 19, 1982	
APPROVED REVISED COMPLETION DATE:	
PROBABLE COMPLETION DATE:	

**BICOL SECONDARY AND FEEDER  
BICOL RIVER BASIN DEVELOPMENT  
PACKAGE-  
SUB-PROJECT NO. 14, CONTRACT V-A,  
PROGRAM OF WORK AND PROGRESS**



**LEGEND:**

———— Scheduled

▨ Actual

**FEEDER ROADS PROJECT  
DEVELOPMENT PROGRAM**

**AGE-4**

**V-A, POLANGU-NAGSI ROAD  
PROGRESS CHART**

MONTHLY PROGRESS REPORT AS OF: Oct. 31, 1971

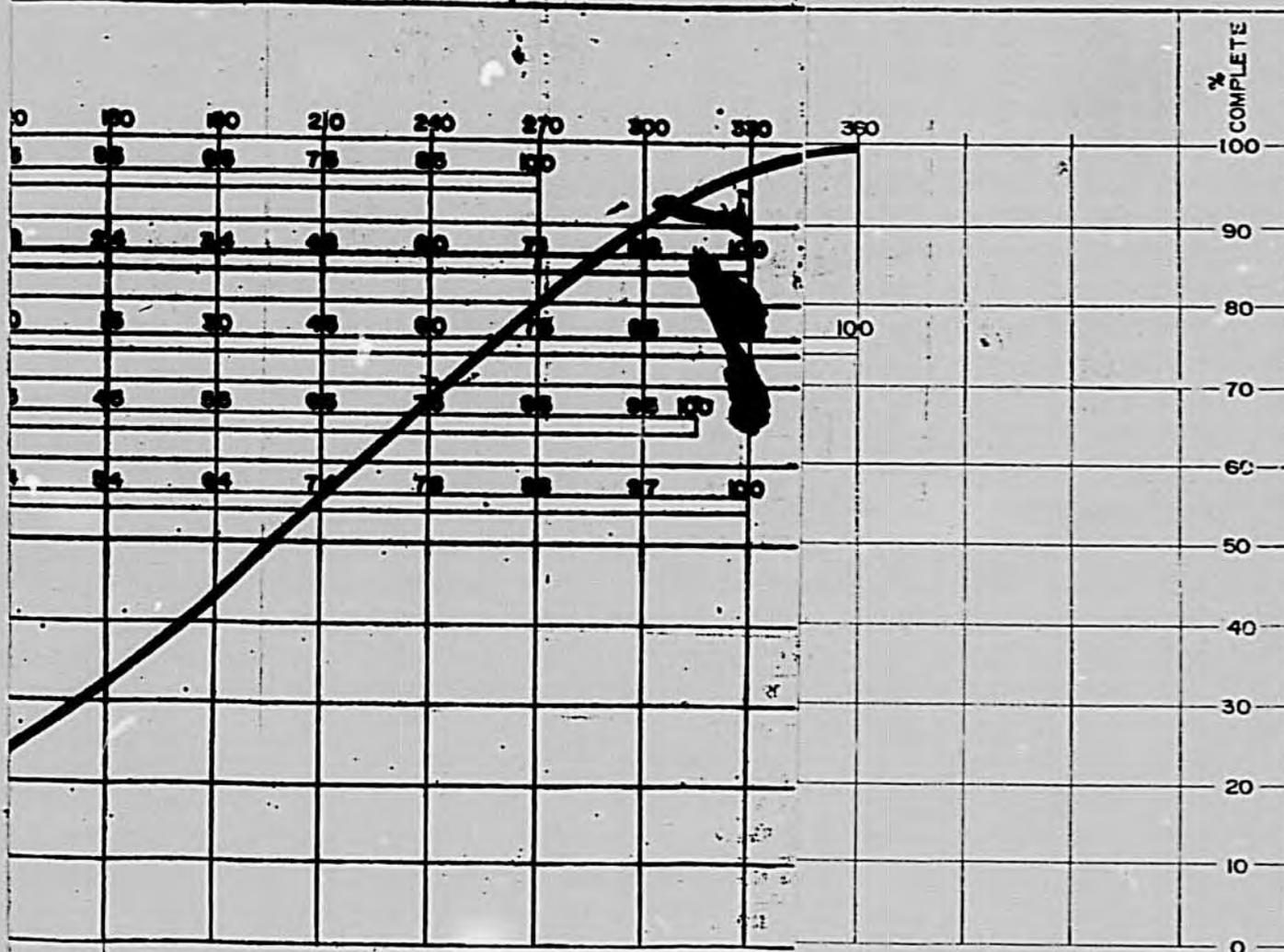
PREPARED: PMO, MONITORING SECTION

BASED FROM: CERTEZA DEVELOPMENT CORPORATION

NET CONTRACT BID AMOUNT: ₱ 10,988,450.55

APPROVED REVISED CONTRACT AMOUNT:

CURRENT ESTIMATED FINAL COST:



**ANNEX I-7**

STATUS REPORT  
AS OF OCT. 31, 1981

ANNEX-I-B  
Sht. 1 of 4

PROJECT TITLE COMPONENTS	ESTIMATED QUANTITIES	STATUS			TOTAL % ACCC. FLIGH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
<p>1. <u>Bicol Secondary and Feeder Rds. Project Component:</u></p> <p>PACKAGE I :</p> <p>San Isidro-Libmanan Br. Sect., Contract II, Sub-proj. No. 1.</p>	<p>PCCP 5 kms. Gravel 10.012 KML.</p> <p><u>BRIDGES:</u> RCDG 20.60 LM. Pre-stressed 146.33 LM. Timber Trestle 120.36 LM.</p>		X		100%
<p>2. Libmanan-Cabusao Sect. Contract II, Sub-proj. No. 2</p>	<p>PCCP 9.335 Kms. Gravel 9.27 kms. RCDG 23.20 LM.</p>			<p>Contract terminated 11/24/80 Rebidded May 7/81, Awarded 5/13/81 to R.L. Umali Const. for P 8,471,495.28</p>	63.00%
<p>3. Danao - Pasacao Rd., Sub-proj. No. 2.</p>	<p>PCCP 8.12 Kms. Gravel 14.89kms. <u>BRIDGES:</u> RCDG 28.60 LM. Tb. Trestle 84.00 LM.</p>			<p>Contract terminated 3/2/81; Rebidded May 7/81. Awarded to Marosa Const.</p>	58.29% (As finally corrected)
<p>4. Calabanga - Manguring Br. Sect., Contract I, Sub-proj. No. 3.</p>	<p>PCCP 10.33 kms. Gravel 18.22 kms. <u>BRIDGES - NCHE</u></p>			<p>Contract terminated 11/24/80 Rebidded May 7/81 Awarded to Pragmatic Const.</p>	69.32%
<p>5. Manguring Bridge-Tinambac Sect., Sub-proj. No. 3, Contract II.</p>	<p>PCCP 14.87 kms. Gravel 6.90 kms.</p>			<p>Contract terminated 11/24/80 Rebidded May 7/81, Awarded to Gold Rock Const.</p>	42.81%
<p>6. Calabanga-Tinambac Rd., (Bridges) Sect., Contract III, Sub-proj. No. 3.</p>	<p><u>BRIDGES:</u> RCDG 153.20LM.</p>			<p>Contract terminated continued by new contractor.</p>	100%
<p>7. Tiganan &amp; Himuragat Brs. Contract IV, Sub-proj. No. 3.</p>	<p><u>BRIDGES:</u> Tiganan 44.74 L M. Himuragat 70.048 LM. 144.788 LM. Pre-stressed concrete Girder</p>		X		66.93%

STATUS REPORT  
AS OF OCT. 31, 1981

ANNEX-I-B  
Sht. 2 of 4

PROJECT TITLE COMPONENT	ESTIMATED QUANTITIES	S T A T U S			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
8. <u>PACKAGE II:</u> Pili-Mataoc Rd., Sub-proj. No. 5.	DBST 9.14 kms. Gravel 12.62 <u>BRIDGES:</u> RCDG 10.60 LM. Timber Trestle 130.00 LM.			Contract terminated 7/8/81	93.12%
9. Naga-Carolina Rd., Sub-proj. No. 10.	DBST 12.48 kms. Gravel 6.14 kms. <u>BRIDGES:</u> RCDG 50.20 LM. Timber Trestle		X		100%
10. Minalabac-Artipolo Hubo Rd., Sub-proj. No. 4.	Secondary Rds. DBST 5.70 kms. Gravel 3.14 kms. Feeder Rds. Gravel 15.42	X			98.81%
11. Palistina-Sn Antonio Minalabac Rd., Sub- Project No. 6.	DBST 8.216 kms. Gravel 5.14 kms. <u>BRIDGES:</u> Timber Trestle 60.00 LM.	Terminated April 9/81 (Rebided May 7/81) Awarded (6/1/81) South Motorist Enterprises.			32.41%
<u>PACKAGE III:</u> 12. Sto. Domingo-Bala Ombao Rd., Sect., Sub-proj. No. 7.	PCCP 5.750 kms. Gravel 20.492 kms. <u>BRIDGES:-</u> RCDG	X			100%
13. Polangui-Lidong Section 13-A.	Asphalt Concrete 12.50 Gravel 11.163 <u>BRIDGES:-</u> RCDG 105.00	Remaining work items  Rebided May 7/81  Awarded (5/20/81) to LALS CONST.			100% if AC is deleted), If AC, not deleted it is only 82.8% complete.

STATUS REPORT  
AS OF OCT. 31, 1981

ANNEX-I-B  
Sht. 3 of 4.

PROJECT TITLE/ COMPONENTS	ESTIMATED QUANTITIES	S T A T U S			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
14. Buhi-Lidong Sect., Sub-proj. No. 13-B	Asphalt concrete 8.641kms. Gravel 11.205 BRIDGES; RCDG	Remaining work items (Rebided on May 7/81) Awarded (5/20/81) to LALS CONST.			67.09%
15. Iriga-Salvacion Bato Sect., Sub-proj. No. 12.	BST 9.217 kms. Gravel 7.109 kms.		Contract terminated 11/24/80 Rebided Awarded (5/19/81) to Moon Rock Const.		61.68%
Bula-Palsong-Tupaz Rd., Sub-proj. No. 8.	BST 11.019 Gravel 8.569	X			86.73%
<u>PACKAGE IV:</u>					
17. Nabua-Tandaay Sect., Contract I, Sub-proj. No. 11.	PCCP 8.78 kms. Gravel 14.96kms.	X			100%
18. Tandaay-San Juan Sect., Contract II-A Sub-proj. No. 11.	FCCP 9.42 kms. Gravel 12.35kms.		X		100%
19. Tandaay-San Juan (Bridges) Section Contract II-B, Sub- proj. No. 11.	RCDG		X		100%
20. Nabua-San Agustin Rd., Contract VI-A, Sub-proj. No. 9.	DBST 2.00 kms.	Recommendation for termination still pending			91.11%
21. Nabua-San Agustin Rd. Contract VI-B, Sub- proj. No. 9.	Gravel 2.49kms.	Proposed for negotiated contract or by Force Account			82.22%

STATUS REPORT  
AS OF OCTOBER 31, 1981

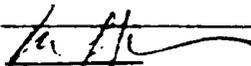
ANNEX-I-B  
Sht. 4 of 4

PROJECT TITLE/ COMPONENT	ESTIMATED QUANTITIES	S T A T U S			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
22. Nabua-Sn. Agustin Rd. Contract IV-C, Sub- proj. No. 9.	GRAVEL 5.70		X		100%
23. Libon - Nugpo Sect., Contract III, Sub- proj. No. 2.	PCCP 8.25 kms. Gravel 15.35kms.		Rebidded May 7/81 Awarded (5/13/81) to V.P.Eusebio Const.		74.40%
24. Polangui-Nasisi Sect., Contract V-A, Sub-proj No. 14 (Rd.)	DBST 12.86 kms. Gravel 9.36 kms.		Rebidded May 7/81 Awarded (5/13/81) to William Uy Const.		41.60%
25. Polangui-Nasisi Sect., Contract V-B, (Bridges) Sub-proj. No. 14.	RCDG 90.80 LM.		X		100%
26. San Juan-Nugpo Sect., Contract IV, Sub-proj. No. 11.	Gravel 38.04kms. RCDG 60.40 LM.		Contract ter- minated (2/10/81) to be continued by the 51st Eng'ng Brigade PA, encampment underway		70.91% (as finally corrected)
Total accomplishment of all 26 contract section under construction					79.19%

Republic of the Philippines  
Bicol River Basin Development Program  
San Jose, Pili, Camarines Sur  
Status of Foreign-Assisted Project  
AS OF

ANNEX-I-C  
Sht. 1 of 2

A.I.D LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

PROJECT COMPONENT	IMPLEMENTING SCHEDULE		L O A N			TOTAL PROJECT COST P/\$	EXPENDITURE TO DATE P/\$	FOREIGN EXCHANGE UTILIZATION			ACCOMPLISHMENT TO DATE
	DATE STARTED	TARGET COMPLETION	SOURCE	NUMBER	AMT.			TOTAL AMT. APPROVED BY LENDER	DIRECT PAYMENT BY LENDER	TOTAL PAYMENT BY LENDER	
(1) First Component involves the rehabilitation of 190.557 kms. Secondary roads, construction of 240.94 kms. of tertiary for Feeder Rds. and improvement and construction of 1,721.55 meters of permanent bridges (1182.03 m. concrete +538.72 m. timber trestle), sub-divided into 14-sub-projects.	July 1, 1976	April 28, 1980) October 28, 1981 (1st revision June 28, 1982) (as approved)	A.I.D.	492-T 041	\$10 Million	\$10 Million	P385,000 Million (As of June 30, 1981)	P255,714,597.00 (Total Amt. received) P255,682,165.95 (Total expenditure to date includes unliquidated contract)	\$10 Million	\$6.85 Million For: (Detailed Eng'ng.) b) Const. supervision Services c) Direct Const. Cost.	P18,154,909.00 80.45 Overall Accomplish
PROBLEMS/DELAYS ENCOUNTERED:	( SEE SHEET 2 of 2 )						*Detailed Eng'ng.- Const. Costs: Libmanan Br. San Isidro Sect. - Naga Carolina Rd Tandaay-San Juan Sect. - Nabua-Tandaay & Polangui - Nasisi Brs. Reimb. per Amt. 4 of FARA (Additional Reimb.) - - Sto. Domingo & San Juan Nugpo Sects. - - - - - Calabanga-Tinambac Bridges - -			P3,966,375.00 2,034,549.00 4,265,275.00 2,720,794.00 667,727.00 4,178,339.00 321,850.00 T O T A L - - - - - P18,154,909.00	
REASON FOR DELAY	- do -										
REMEDIAL MEASURES TAKEN/RECOMMENDATIONS:	- do -										
CERTIFIED CORRECT:	VIVENCIO L. PANGANIBAN PRINTED					 SIGNATURE		Chief, Monitoring Section DESIGNATION		PMO AGENCY	

Republic of the Philippines  
Bicol River Basin Development Program  
San Jose, Pili, Camarines Sur  
Status of Foreign-Assisted Project  
AS OF OCTOBER 31, 1981

ANNEX-L-C  
Sht. 2 of 2

A.I.D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

PROJECT COMPONENT	IMPLEMENTING SCHEDULE		L O A N			TOTAL PROJECT COST	EXPENDITURE TO DATE	FOREIGN EXCHANGE UTILIZATION			ACCOMPLISHMENT TO DATE
	DATE STARTED	COMPLETION	SOURCE	NUMBER	AMT.	P/\$	P/\$	TOTAL AMT. APPROVED BY LENDER	DIRECT PAYMENT BY LENDER	TOTAL PAYMENT BY LENDER	
(c) Second Component will provide maintenance equipment in the amount of \$ 3 million and US Consultant Contract Service Cost of \$150,000.00 (actual cost of \$190,000.00 +207,140.00 peso Counter part) to strenhten the capability of Camarines Sur and Albay Provincial Engineer's Offices and the City Engineering Offices, of Naga & Iriga in Rd. Maintenance.				( SEE SHEET 1 OF 2 )							

PROBLEMS/DELAYS ENCOUNTERED: (a) Non-construction operation yet on the ff. contract sections that were terminated or recommended for termination, namely: 1. Pili-Mataoc Rd. (Terminated July 8, 1981); 2. Contract VI-B, Nabua-Sn. Agustin Rd. (Terminated March 17, 1981); 3. Contract VI-A, Nabua-San Agustin Rd. (Recommended for termination since Feb. 1981).

REASONS FOR DELAY: (b) Bad weather condition, lack of needed equipment, frequent breakdowns of equipment on field, and shortage of construction materials, on going, and on some terminated contract, sects. but work has resumed under new contract.

AS STATED ABOVE

REMEDIAL MEASURES TAKEN/RECOMMENDATIONS: As to problem (a) Pili-Mataoc Rd., - Per latest information, the negotiated contract documents for this project were already forwarded to the office of the President for approval; thus it is expected that actual work on the remaining items will soon follow. Contract VI-B, Nabua-San Agustin Rd. - proposed for Force Account by the Provincial Engineer's Office of Camarines Sur. Remaining work, which is only 17.78% of the project is projected to be completed in January 1982. Contract VI-A, Nabua-San Agustin Rd. - awaiting for action of authorities concerned on the recommendation for termination of the project. The remaining work is only 8.89%, for this project is already 91.11% complete. (b) Concerned contractors were advised of their respective problems or deficiencies to institute remedial measures accordingly.

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
PRINTED NAME

[Signature]  
SIGNATURE

Chief, Monitoring Section  
DESIGNATION

PIO  
AGENCY

BICOL RIVER BASIN DEVELOPMENT PROGRAM  
SAN JOSE, PILI, CAMARINES SUR  
STATUS REPORT ON ORGANIZATIONAL FORCE

ANNEX-I-D  
Sht. 1 of 4

AS OF OCTOBER 31, 1981

A-I-D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES

PRIVATE (CONTRACTOR'S CONSULTANT EMPLOYEES)

DETAILED GOV'T LINE AGENCY

CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL	PART	DURATION
		TECH- NICAL	NON TECH- NICAL					TECH NICAL	NON TECH NICAL							
MH, Manila	Office of Minister	3	3	-	-	Pragmatic Dev. Corp.	Manila Based Local Hired	2 1	2 1	16 20	4 40	Prj. Coordnr.	MH		X	To complete the proj.
MH, Reg. V	Prj. Director	1			2	Gold Rock Const. & Dev. Corp.	Manila Based Local Hired	3 4	1 5	15 22	0 19	Staff C.E. Actg. Clerk			X	
MO	Prj. Manager	1	1			-do-	Local Hired	4	5	22	19	Prj. Director	MH		X	-do-
-do-	Monitoring Section	1		5	2	Marosa Enterprises	Manila Based	0	0	0	0	Prj. Manager	MH	X	X	-do-
-do-	Rd. Equipt. Maint. Tr.	2			1	-do-	Local Hired	4	0	4	15					
-do-	Adm. Div.	1			1	A.B. AGUI- NALDO Const. Corp.	Manila Based Local Hired	3 3	2 4	2 17	0 13					
TOTAL		9	4	5	6			20	15	96	91					

REMARKS:

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
PRINTED NAME

  
SIGNATURE

Chief, Monitoring Section  
DESIGNATION

MIO  
AGENCY

BICOL RIVER BASIN DEVELOPMENT PROGRAM  
 SAN JOSE, PILI, CAMARINES SUR  
 STATUS REPORT ON ORGANIZATIONAL FORCE

AS OF OCTOBER 31, 1981

ANNEX-I-D  
 Sht. 2 of 4

A-I-D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES

PRIVATE (CONTRACTOR'S EMPLOYEES)

DETAILED GOVT. LINE AGENCY

CENTRAL OFFICE RPT'L OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL TIME	PART TIME	DURATION
		TECH NICAL	NON TECH NICAL					TECH NICAL	NON TECH NICAL							
RMC	Actg. & Finance Section			7		R.L. Umali Const. Corp.	Manila Based	1	2	4	0	Prj. Coordn.	MPH		X	To complete the proj.
-do-	RROW SECT.			9		-do- Techniks Group Corp.	Local Hired Manila Based Local Hired	0 8 20	0 1 5	4 0 0	11 0 5	Liason Officer Staff C-E- Asst. Clerk	MPH		X	
-do-	Engr. & Design Section	4	3	3		William Uy Const. Corp.	Manila Based Local Hired	1 5	1 3	16 21	0 11	Prj. Director Prj. Manager			X	-do- -do- -do-
-do-	Quality (Lab)	1				-do- Certeza Dev. Corp.	Manila Based Local Hired	10 5	4 5	1 4	0 2	Staff C-E	MPH	X		
-do-	Control Section Const. Div.	1	1													
-do-	Quality Const.	3	3	6												
TOTAL:								50	21	50	29					

REMARKS:

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
 PRINTED NAME

SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

RMC  
 AGENCY

BICOL BEVER BASIN DEVELOPMENT PROGRAM  
 SAN JOSE, PILI, CAMARINES SUR  
 STATUS REPORT ON ORGANIZATIONAL FORCE

AS OF OCTOBER 31, 1981

ANNEX-I-D  
 Sht. 3 of 4

A-I-D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Proj. Component

IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES

PRIVATE (CONTRACTOR'S/CONSULTANT EMPLOYEES)

DETAILED GOV'T LINE AGENCY

CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED/ LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	FULL TIME	PART TIME	DURATION
		TECH NICAL	NON TECH- NICAL					TECH NICAL	NON TECH NICAL						
						Capitol Ind'l Const. Corp.	Manila Based	11	5	17	0				
						-do-	Sub-contractor	3	18	43	83				
						Moon Rock Const.	Manila Based	0	0	0	0				
						-do-	Sub-contractor	11	9	55	63				
	( Sec Sheet 1 to 2 )					LALS CONST.	Manila Based	1	0	0	0			( Sec Sheet 1 to 2 )	
						-do-	Sub-contractor	5	12	33	76				
						DCCD Eng'g Corp.	Manila Based	7	3	1	1				
						-do-	Local Hired	3	1	7	0				
TOTAL:								41	39	136	223				
REMARKS:															

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
 PRINTED NAME

SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

PHO  
 AGENCY

BICOL RIVER BASIN DEVELOPMENT PROGRAM  
 SAN JOSE, PILI, CAMARINES SUR  
 STATUS REPORT ON ORGANIZATIONAL FORCE

AS OF OCTOBER 31, 1981

ANNEX-I-D  
 Sht. 4 of 4

A-I-D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Proj. Component

IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES

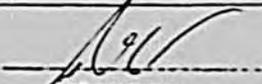
PRIVATE (CONTRACTOR'S/CONSULTANT EMPLOYEES)

DETAILED GOV'T LINE AGENCY

CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED/ LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	FULL TIME	PART TIME	DURATION
		TECH NICAL	NON TECH NICAL					TECH NICAL	NON TECH NICAL						
						Polytrade Const.	Manila Based Local Hired	2 5	2 9	4 26	0 13				
						-do-									
						Genaro Reyes Const.	Manila Based Local Hired	10 2	0 0	10 0	3 17				
						-do-									
	( See Sheet 1 to 2 )					South Motorist Enterprises	Manila Based Local Hired	5 2	1 0	16 5	7 22		( See Sheet 1 to 2 )		
						-do-									
						Integrated Philconsult	Manila Based Local Hired	4 0	0 5	0 17	0 8				
						-do-									
TOTAL:								30	17	82	70				
REMARKS:								141	92	354	413				

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
 PRINTED NAME

  
 SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

RIO  
 AGENCY



13.	POLANGUI-LIDONG SECTION SUB-PROJ. 13 A	William Uy Const.-orig. LALS Construction-*	5.51	4.78	2.90	100	4.58		
14.	BUH-LIDONG SECTION SUB-PROJ 13 B	JPY Construction-orig. LALS Construction-*	4.07	3.50	2.54	100	6.09	2.73	
15.	IRIGA-SALVACION-BATO RD.	Philom Builders-orig. LALS Construction-*	2.72	1.73	1.24	100	0.68	1.28	
16.	TOPAZ-P2 SONG-BULA SUB-PROJ. N8 B	BITOL INC'L COS T. GRP	3.52	3.25	19.27	100	16.73	3.31	
TOTAL FOR PACKAGE II*			19.82	16.92	100		16.26	82.04	
17.	NABUA-TANDAAY SECTION CONT. I, SUB-PROJ. N8	S.P. DACE, CONSTRUCTION	6.38	5.44	17.70	100	6.38		
18.	TANDAAY-SAN JUAN SECTION CONT. 2A, SUB-PROJ. N8 I	F. F. CRUZ & CO. INC.	6.81	5.81	18.90	100	6.81		
19.	TANDAAY-SAN JUAN BRIDGES CONT. 2B, SUB-PROJ. N8 II	F. F. CRUZ & CO. INC.	0.63	0.54	1.75	100	0.63		
20.	SAN AGUSTIN-NABUA ROAD CONT. V, SUB-PROJ. N8 9	MD. FOPONDA & ASSOCIATES	0.75	0.64	2.08	91.11	0.68		
21.	JUSTIN-NABUA ROAD CONT. VI-B, SUB-PROJ. N8 9	G & C CONSTRUCTION CO.	0.75	0.64	2.08	82.22	0.62		
22.	SAN AGUSTIN-NARJA ROAD CONT. VII-C, SUB-PROJ. N8 9	J.M. HERNANDEZ & CO. INC.	0.78	0.67	2.16	100	0.78		
23.	LIBON-NUGPO SECT. CONT. 3, SUB-PROJ. N8 II	Dimson (Mia.) Inc.-original J.P. Eusebio Construction-*	7.66	6.53	21.26	74.40	5.70		
24.	POLANGUI-NASISI SECT. CONT. V-A, SUB-PROJ. N8 14	Better Builders Const Corp-orig. William Uy Const.-*	3.51	2.99	9.74	41.20	1.46		
25.	POLANGUI-NASISI SECT. CONT. V-B, SUB-PROJ. N8 14-Bridges	EASTERN BICOL CONST. & DEV'T CORP (Original)	0.56	0.47	1.55	100	0.52		
26.	SAN JUAN-NUGPO SECT. CONT. IV, SUB-PROJ. N8 II	FF Cruz & Co. Inc.-orig. 5BI Eng't. Brigade PA-*	8.21	7.00	22.78	70.91	5.82		
TOTAL FOR PACKAGE IV			38.04	30.73	100		29.44	81.69	
OVERALL TOTAL			100				79.19		

NOTE: 1 - A - Wt. of Subproject  
 B - Wt. per overall (includes const. supervision)  
 or per total PMO project wt.  
 C - Package wt.  
 D - Sub-project complete  
 E - Project complete  
 F - Package complete

2. Corresponding bar schedule of other sub-project  
 will be reflected hereon as soon as their official  
 construction begins and their corresponding  
 schedule submitted to PMO.

\* - New (current) Contractor

# SECONDARY AND FEEDER RIDG. PROJECTS

SS CHART

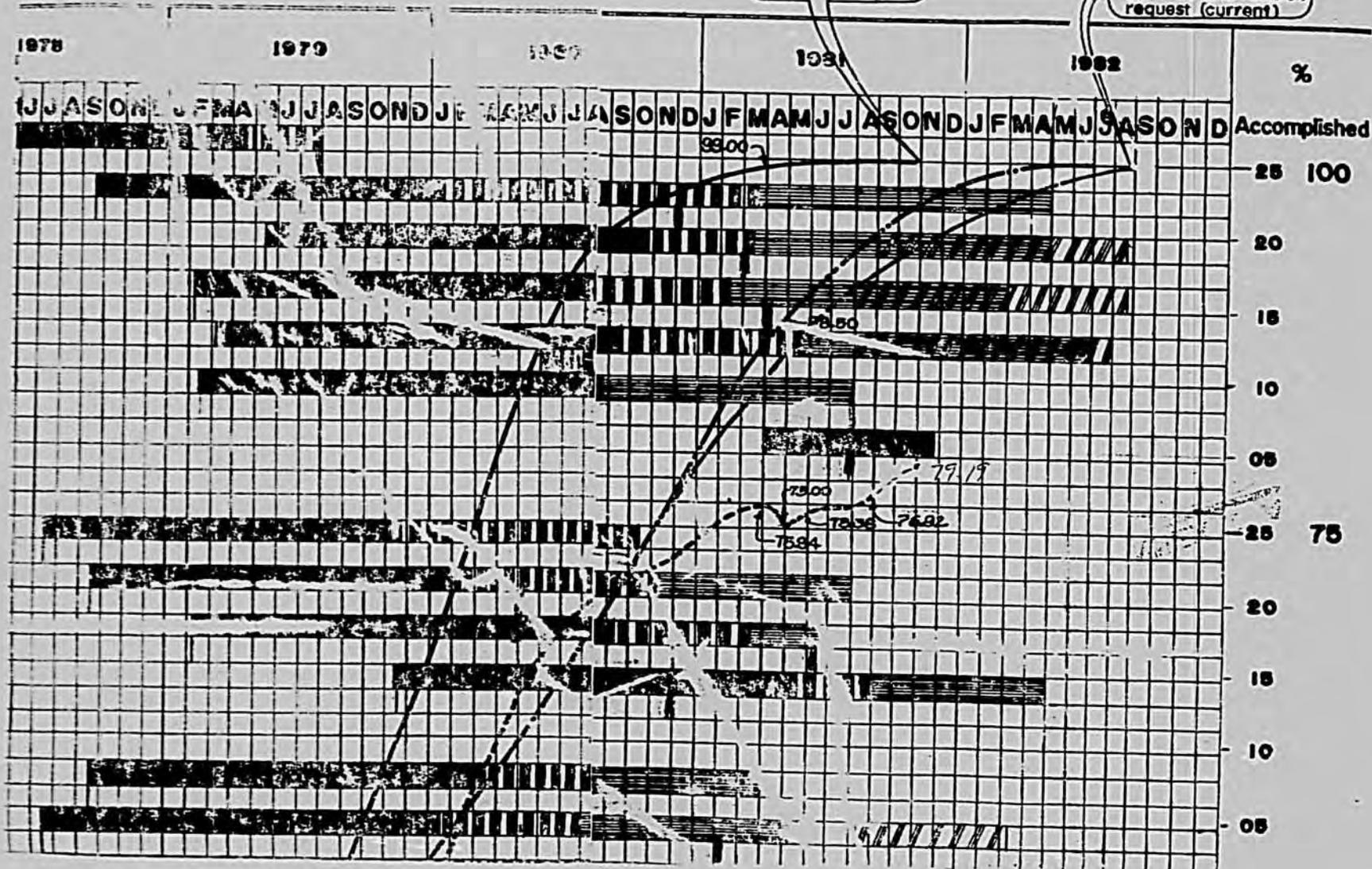
( CONTRACT SCHED.)

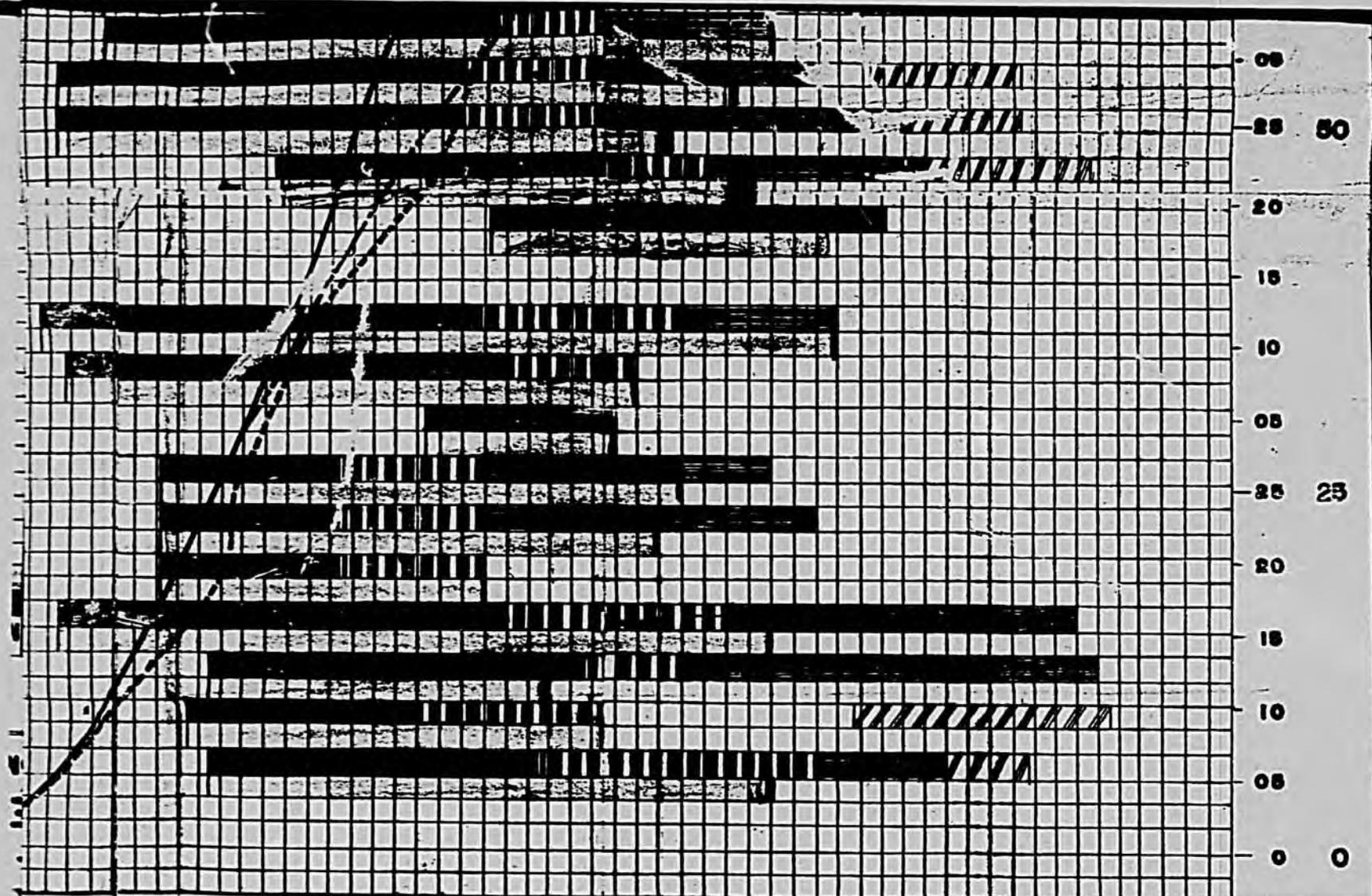
as of October 31, 1981

**ANNEX I-A**

OCT. 28, 1981  
Expiry Date per  
1st revision request

AUG. 28, 1982  
Expiry Date, as  
approved 2nd revision  
request (current)





is project  
their or  
correspon

**LEGEND:**

**SCHEDULED OR PLANNED**  
**ACCOMPLISHED:**  
 This month (red)  
 Previous (blue)  
**COMPLETION CURVE:**  
 Scheduled or Planned (solid)  
 Accomplished (dotted)  
 Scheduled w/ probable ext'n  
 (as per second ext'n request).  
 Scheduled curved, second ext'n  
 request, as approved.



Original  
Extension

Propable ext'n  
projected by PMO  
Monitoring Section



Terminated and  
Rebid section

NOTE: ORIGINAL EXPIRY DATE: AUG 7, 1980  
 TENTATIVE EXPIRY DATE 1st Revision. MARCH 16, 1981  
 SECOND REVISION. NOVEMBER 26, 1980

FEBRUARY 7, 1981  
 START OF CONTRACT

ITEM NO.	DESCRIPTION	ESTIMATED % WEIGHT			QUANTITY	UNIT COST	AMOUNT
		SCHEDULED	ACCOMPLISHED PROJECT	ACCOMPLISHED ITEM			
1-60-2	Provide and Maintain Office and Laboratory for the Engineer	0.29910	0.29910	100	18 mos.	2,400.00	43,200.00
1-60-3	Provide one(1) Unit Four Wheel Drive for the Engineer	0.49850	0.49850	100		Lump Sum	72,000.00
1-60-4	Provide one(1) Unit Utility Vehicle for the Engineer	0.22156	0.22156	100		Lump Sum	32,000.00
1-60-5	Laboratory and Office Equipment for the Engineer. (as listed)	0.49850	0.49850	100		Lump Sum	72,000.00
100	Clearing and Grubbing	0.86614	0.86614	100		Lump Sum	72,000.00
103-1 (Fr. 401)	Removal of Bridge	0.01765	0.01765	100	27.8 Has	4,500.00	125,100.00
105 (Sec)	Roadway and Drainage Excavation	2.14635	2.14635	100	1 each	2,550.00	2,550.00
105 (Fr. 401, 402)	Roadway and Drainage Excavation	2.17845	2.17845	100	15,500 cu.m.	20.00	310,000.00
105 (Fr. 403)	Roadway and Drainage Excavation	9.25885	9.25885	100	16,560 cu.m.	19.00	314,840.00
105-4	Excavation of Unsuitable Materials	2.99944	2.99944	100	83,580 cu.m.	16.00	1,337,280.00
106 (Sec)	Excavation for Structures	0.13290	0.13290	100	16,534.37 cu.m.	26.201	433,217.00
106 (Fr. 401, 402, 403)	Excavation for Structures	0.19801	0.19801	100	770 cu.m.	24.93	19,196.10
107 (Sec)	Borrow	31.47323	31.47323	100	1,300 cu.m.	21.00	28,600.00
107 (Fr. 401, 402)	Borrow	11.80212	11.80212	99	142,053 cu.m.	32.00	4,545,760.00
108 (Sec)	Aggregate Sub-base	10.85831	10.85831	99.60	54,635 cu.m.	31.20	1,704,612.00
108 (Fr. 401, 402, 403)	Aggregate Sub-base	7.37659	7.37659	98.60	27,782 cu.m.	56.45	1,568,293.90
110	Foundation	0.05019	0.05019	94.50	19,730 cu.m.	54.00	1,065,420.00
111	Overhaul (300m. Free haul)	0.04579	0.04579	100	143 cu.m.	50.00	7,250.00
200	Aggregate Base Course	3.24345	3.24345	91.67	22,050 st.c.m.	0.30	6,615.00
302	Medium Curing Cut-Back Asphalt, Grade MC-1 for Bit. Prime Coat	0.84745	0.84745	96.15	7,500 cu.m.	62.50	468,750.00
314-1	Aggregate Material for B.S.T. (Hot Asphalt Type)	0.48480	0.48480	90.15	51 M.T.	2,400.00	122,400.00
314-3	85-100 Penetration Asphalt Cement for B.S.T. (Hot Asphalt Type)	1.69490	1.69490	90.15	700 cu.m.	100.00	70,000.00
401 (Fr. 401)	Timber (Cedar) Trestle (Superstructure only on Concrete Pile Bents)	0.33233	0.33233	78.00	102 M.T.	2,400.00	244,800.00
402-2.5	Precast Concrete Piles	1.94665	1.94665	90.91	4 SPANS	12,000.00	48,000.00
402-2.5a	Concrete Test Piles (Furnish and Drive)	0.37388	0.37388	100	396 L.M.	710.00	281,160.00
403	Concrete Railings	0.07446	0.07446	100	4 each	15,500.00	54,000.00
405	Concrete Class "A" (Miscellaneous)	2.53425	2.53425	100	71.70 L.M.	150.00	10,755.00
405-1	Concrete Class "A" (E)	0.88027	0.88027	100	163 cu.m.	780.00	127,140.00
405-1 (Fr. 401)	Concrete Class "A" (Bridge)	0.07202	0.07202	31.00	14 cu.m.	743.00	10,402.00
406 (Sec)	Reinforcing Steel	1.21304	1.21304	99.99	25,765 kgs.	6.80	175,102.00
406 (Fr. 401, 402, 403)	Reinforcing Steel	0.18853	0.18853	92.00	3,890 kgs.	7.00	27,230.00
413-1 (Sec)	0.30 M.Ø Reinforced Concrete Pipe	0.03212	0.03212	100	29 L.M.	150.00	4,350.00
413-1 (Fr. 401)	0.30 M.Ø Reinforced Concrete Pipe	0.00581	0.00581	100	6 L.M.	140.00	840.00
413-2	0.60 M.Ø Reinforced Concrete Pipe	0.86469	0.86469	99.20	362 L.M.	345.00	124,890.00
413-3 (Sec)	0.90 M.Ø Reinforced Concrete Pipe	0.41209	0.41209	72.99	98 L.M.	620.00	59,520.00
413-3 (Fr. 401, 402, 403)	0.90 M.Ø Reinforced Concrete Pipe	1.22058	1.22058	86.69	289 L.M.	610.00	175,290.00
413-4	1.20 M.Ø Reinforced Concrete Pipe	2.36185	2.36185	79.00	379 L.M.	900.00	341,100.00
500	Riprap and Grouted	0.19732	0.19732	100	190 cu.m.	150.00	28,500.00
510	Right-of-Way Markers	0.30375	0.30375	72.65	914 L.M.	48.00	43,872.00

98.81%

P-14,443,254

MONTHLY ACCOMPLISHMENT

CUMULATIVE TOTAL AMOUNT

# REVISED BAR SCHEDULE OF WORK ANAL ABAC-ANTIPOLO

JARY 7, 1979  
CONTRACT TIME

MOUNT	FEB 28	MAR 31	APR 30	MAY 31	JUN 30	JUL 31	AUG 31	SEPT 30	OCT 31	NOV 30	DEC 31	
43,200.00												
72,000.00												
32,000.00												
72,000.00												
125,100.00												
2,550.00												
310,000.00												
314,640.00												
337,280.00												
433,217.00												
19,196.10												
28,600.00												
545,760.00												
704,612.00												
568,293.90												
1,065,420.00												
7,250.00												
6,615.00												
468,750.00												
122,400.00												
70,000.00												
244,800.00												
48,000.00												
281,160.00												
54,000.00												
10,755.00												
336,030.00												
127,140.00												
10,402.00												
175,102.00												
27,230.00												
-4,640.00												
840.00												
124,890.00												
59,520.00												
176,290.00												
341,100.00												
28,500.00												
43,872.00												
443,254.20												
	216,352.20	378,958.43	417,546.02	540,078.62	536,005.24	572,988.26	506,448.76	516,076.78	576,716.34	579,741.79	456,500.27	436.
		595,753.63	1,013,299.65	1,553,377.27	2,089,382.51	2,662,970.77	3,168,819.53	3,684,896.31	4,261,612.65	4,841,354.44	5,297,864.71	5,736.

# LOS OF NOVEMBER 26, 1980

## LO-HUBO ROAD

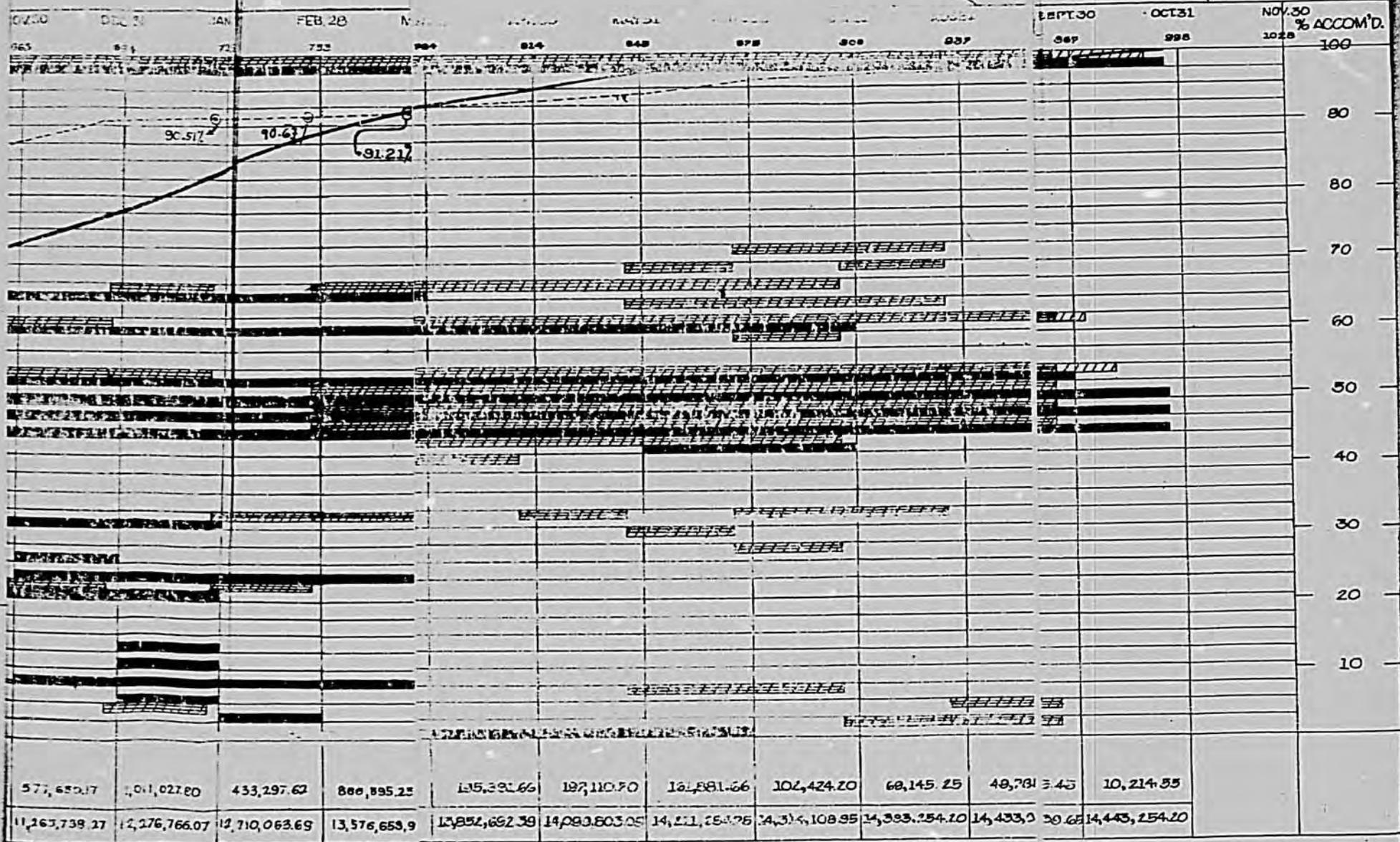
DEC.31	JAN.31	FEB.29	MAR.31	APR.30	MAY.31	JUN.30	JUL.31	AUG.31	SEPT.30	OCT.31	NOV.30
324	359	388	419	449	480	510	541	572	601	632	665
438,848.33	73,551.06	489,210.29	766,695.25	577,730.17	433,297.51	287,420.75	579,174.49	288,865.06	493,297.75	722,242.71	577,650.17
5,736,703.04	6110,254.10	6,599,464.59	7,366,059.64	7,943,789.81	8,377,087.32	8,664,508.07	9,243,682.56	9,532,147.64	9,925,845.39	10,685,088.12	11,263,739.17

----- PREVIOUS ACCOMPLISHMENT  
 ----- PROJECT THIS REPORT  
 - - - - - SCHEDULED WORK  
 - - - - - SCHEDULED ACCOMPLISHMENT  
 - - - - - ACTUAL ACCOMPLISHMENT

# ANNEX-G-2

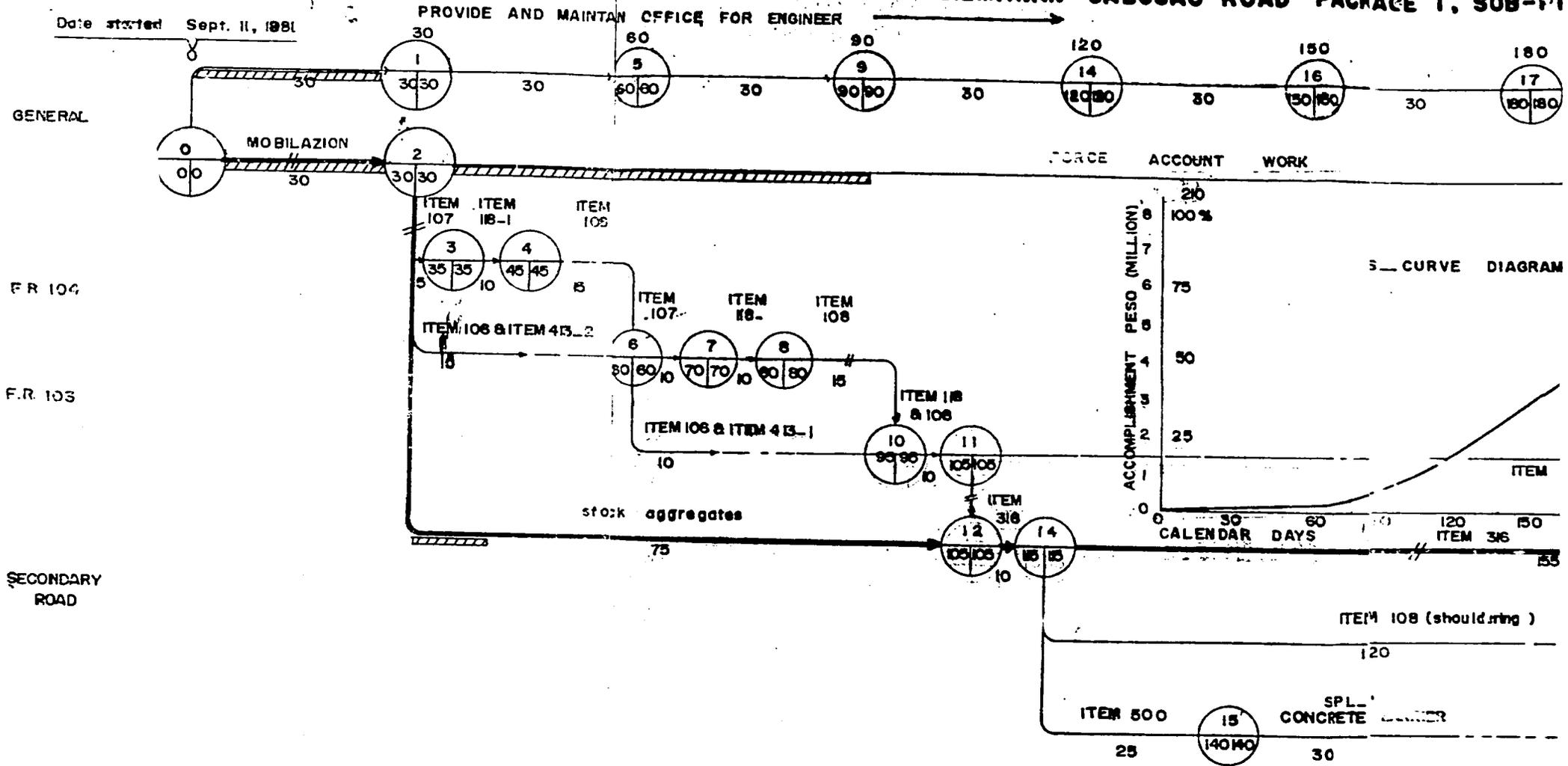
10, 1981 As of Oct. 31, 1981

TENTATIVE EXPIRY DATE (2ND REVISION)



# PERT CPM NET WORK

## CONSTRUCTION OF LIBMANAN-CABUSAO ROAD PACKAGE I, SUB-171

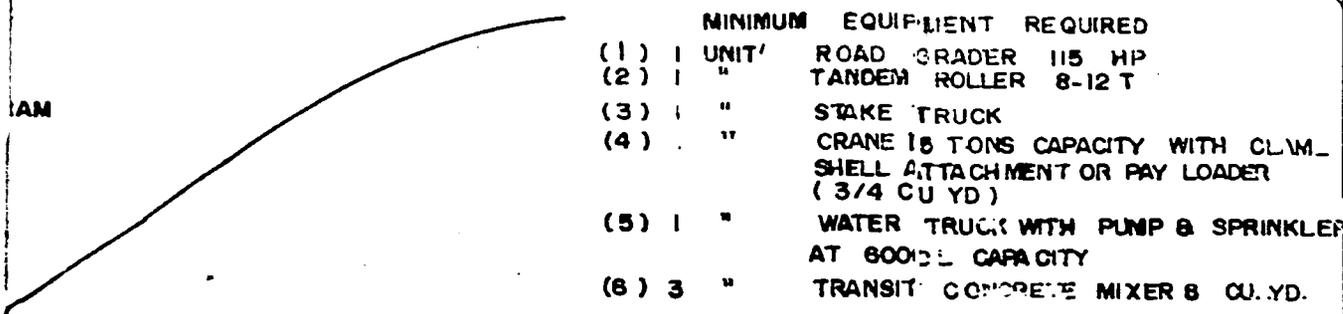
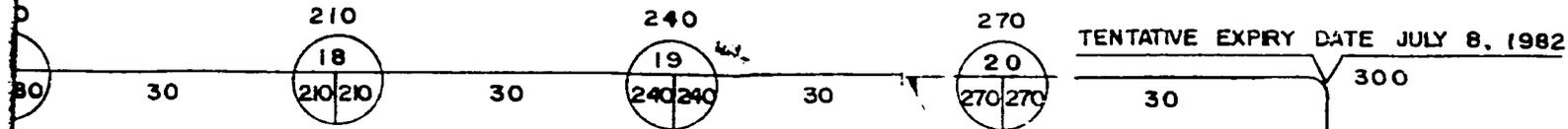


MONTHLY

ACCOMPLISHMENT	5,173.00	155,879.10	264,084.00	1,294,846.00	1,371,810.00	1,477,330.60
Cumulative accomplishment	5,173.00	160,852.10	424,916.60	1,719,562.60	3,091,079.10	4,568,410.70

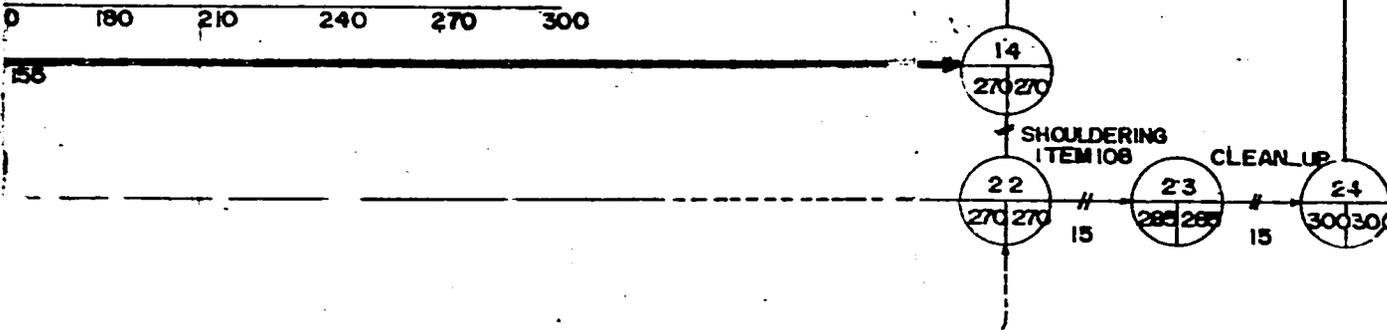
PROJECT I, BSFRP

1  
C



- (7) 1 UNIT CONCRETE BATCH
- (8) 1 " L-BAGGER CONCRETE
- (9) 2 " CONCRETE VIBRAT
- (10) 400 PCS. STEEL FORMS 1
- (11) 1 UNIT CONCRETE SAW
- (12) 1 " BAR CUTTER

ITEM 118 & ITEM 108 (SUBBASE PREPERATION) 145



4309,392.00	1,299,426.00	1,097,173.00	197,673.40
8,877,228.60	7,778,648.60	8,773,...	8,473,495.00

**ANNEX - F-5**

as of Oct. 31, 1981

DATE JULY 8, 1982

300

- (7) 1 UNIT CONCRETE BATCH PLANT 60 CU.M./HR.
- (8) 1 " L-BAGGER CONCRETE MIXER
- (9) 2 " CONCRETE VIBRATOR 8 HP
- (10) 400 PCS. STEEL FORMS FOR CONCRETE FORMING
- (11) 1 UNIT CONCRETE SAW
- (12) 1 " BAR CUTTER

**SUBMITTED BY:**

**R. L. UMALI CONSTRUCTION CORP.**

**BY:**

**(SGD) EDUARDO S. JINTOS IV  
GENERAL MANAGER**

**RECOMMENDING APPROVAL:**

**(SGD) WENCESLAO C. DE GUZMAN  
(ASSISTANT DIRECTOR)  
EXECUTIVE DIRECTOR FOR  
PADA, BRBDP & SIRDP**

**APPROVED:**

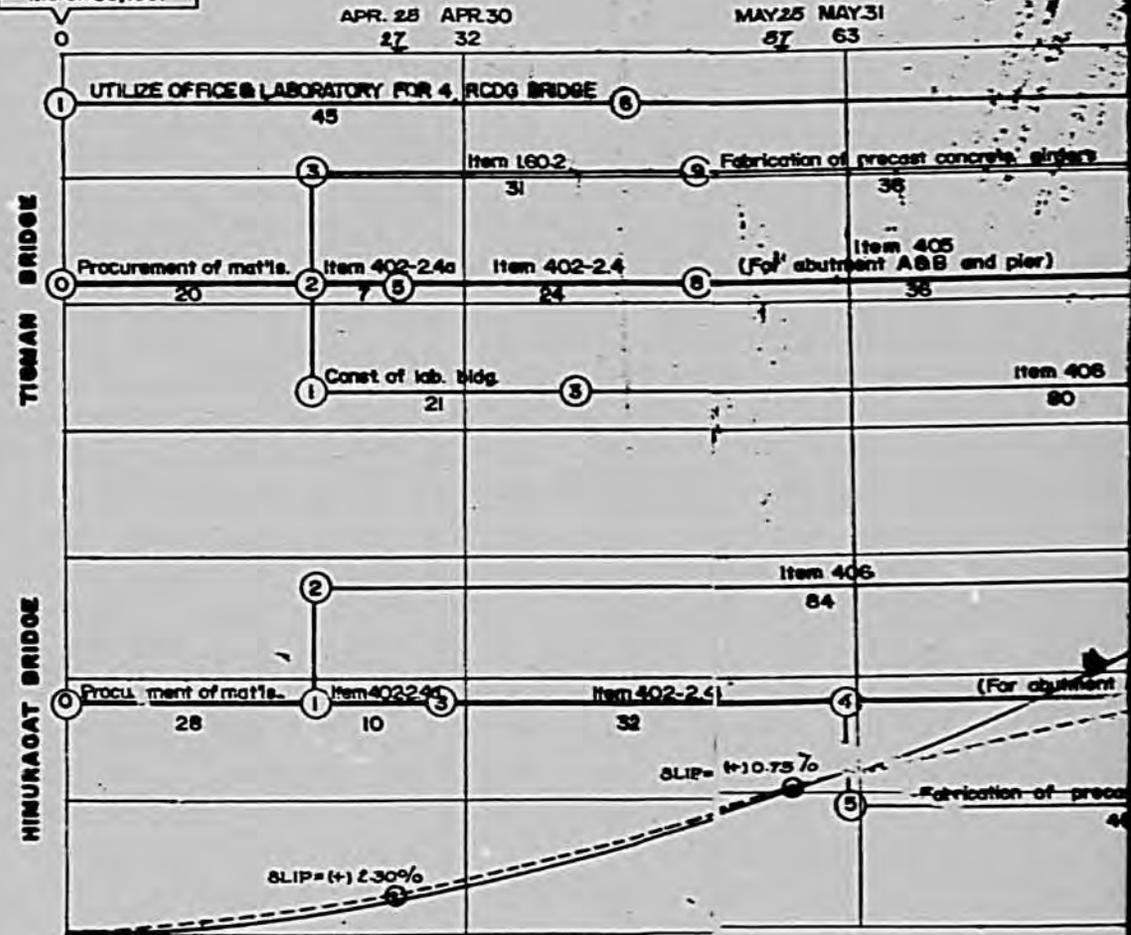
**(SGD) OSCAR RODRIGUEZ  
DEPUTY MINISTER**

24  
00300

# PERT / CPM NETWORK

ITEM NO.	ESTIMATED % WEIGHT		QUANTITY	UNIT COST	AMOUNT	
	Scheduled	ACCOMPLISHED				
		Item				Project
<b>GENERAL</b>						
1.60.1	0.4174	83.33	C 47B	6 Mos.	4,800	28,800.00
1.60.2	0.5073	100.00	0.5073	L.S.	lump sum	35,000.00
Sub Total	0.9247		0.8351			63,800.00
<b>TIGMAN BRIDGE</b>						
100	0.0351	50.00	0.0176	0.20Ha.	12,100.00	2,420.00
105	4.0645	-	-	6725cu.m.	41.70	280,432.50
107	0.3634	74.35	0.2702	538cu.m.	46.80	25,070.80
108	0.8348	-	-	680cu.m.	84.70	57,896.00
316	4.6090	-	-	2000sq.m.	159.00	318,000.00
402-24a	0.4209	100.00	0.4209	2 Ea.	14,520.00	29,040.00
402-24	2.8828	99.15	2.8582	234 LM	850.00	198,900.00
403	0.6938	34.09	0.1977	88 LM	544.00	47,872.00
405	3.5566	61.54	2.1887	169cu.m.	1,452.00	245,363.00
405-A2	13.3319	100.00	13.3319	8 Ea.	144,980.00	913,840.00
406	4.5047	80.64	3.6324	21,435Kg.	14.50	310,807.50
500	0.4525	75.58	0.3420	86cu.m.	363.00	31,218.00
510	0.0092	-	-	8 Ea.	80.00	640.00
Sub Total	35.7592		24.1260			24,672,249.00
<b>HIMURAGAT BRIDGE</b>						
100	0.0298	50.00	0.0149	0.20Ha.	10,285.00	2,057.00
105	0.0865	50.00	0.0434	1.50cu.m.	3990	5,985.00
107	10.6680	10.15	1.0827	14,780cum	4980	73,044.00
108	0.7979	-	-	650cum	84.70	5,065.00
316	7.0222	-	-	2,850sq.m.	170.00	484,500.00
402-24a	0.4209	100.00	0.4209	2 Ea.	14,520.00	29,040.00
402-24	4.8786	99.48	4.8537	396 LM	850.00	335,800.00
403	1.1481	36.23	0.4209	138 LM	574.00	79,212.00
405	8.0929	43.79	3.5414	338cu.m.	1,652.00	558,376.00
405-A1	20.9944	33.33	6.9974	12 Ea.	120,710.00	1,448,520.00
406	8.3884	68.58	5.7528	37,100Kg.	15.60	578,780.00
500	0.7786	-	-	148cu.m.	363.00	53,724.00
510	0.0098	-	-	8 Ea.	83.00	664.00
Sub Total	63.3161		23.1231			43,68,537.00
Grand Total	100.00		48.19			68,99,581.80

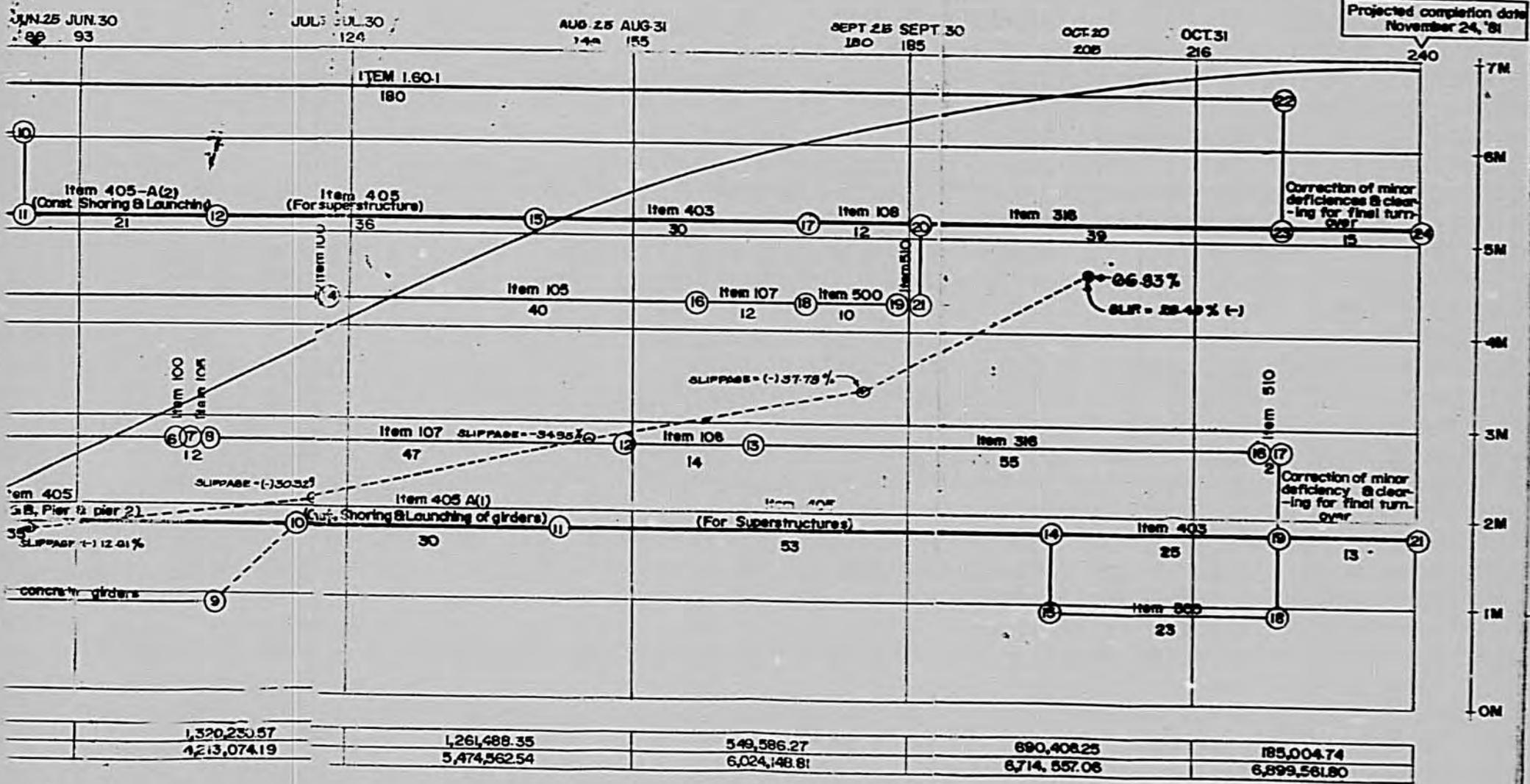
Official starting date  
March 30, 1981

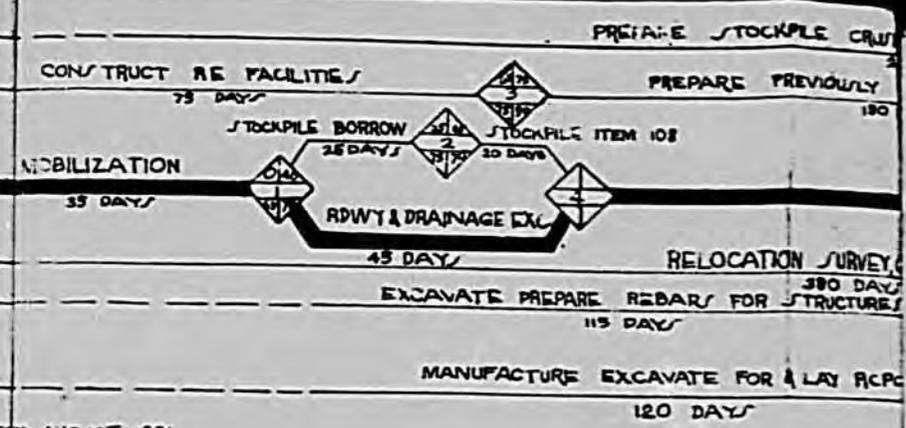


MONTHLY ACCOMPLISHMENT	216,783.35	1,055,196.69	1,620,863.54
CUMULATIVE TOTAL		1,271,980.04	2,892,843.58

# WORK DIAGRAM FOR TIGMAN & HIMURAGAT BRIDGES

**ANNEX F-4**  
 as of OCT. 31, 1981  
**LEGEND:**  
 — SCHEDULE ACCOMPLISHMENT  
 - - - ACTUAL ACCOMPLISHMENT





DATE STARTED AUGUST 1981

ITEM NO.	DESCRIPTION OF WORK	QUANTITY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
160.1	PROVISE & MAINTAIN LABORATORY OFFICE FOR THE ENGINEER	9.5					
160.2	ADDITIONAL LAB. OFFICE EQUIPMENT FOR THE ENGINEER	LS					
160.3	FORCE ACCOUNT WORK	16 KM MO					
160.4	FORCE ACCOUNT WORK	1.5					
103(2)	REMOVAL OF CULVERT	20					
105(1)	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	2692 M <sup>3</sup>					
105(2)	ROADWAY AND DRAINAGE EXCAVATION (ROCK)	730 M <sup>3</sup>					
105(3)	ROADWAY AND DRAINAGE EXCAVATION (CUT & FILL)	11724 M <sup>3</sup>					
106	EXCAVATION FOR STRUCTURES	574 M <sup>3</sup>					
107	COMMON BORROW	1050 M <sup>3</sup>					
108	AGGREGATE SUB-BASE	17300 M <sup>3</sup>					
110	FOUNDATION FILL	47 M <sup>3</sup>					
118	REPREPARATION OF PREVIOUSLY CONSTRUCTED ROAD (SECONDARY)	2.9 KM					
118(1)	REPREPARATION OF PREVIOUSLY CONSTRUCTED ROAD (FEEDER)	12.8 KM					
302(1)	MEDIUM CURING CUT-BACK ASPHALT GRADE MC-1 BT PRIME COAT	8 MT					
304(1)	AGGREGATE FOR BITUMINOUS SURFACE TREATMENT	55 M <sup>3</sup>					
304(3)	ASPHALT CEMENT PENETRATION GRADE (25-10) FOR BIT. SURFACE TREATMENT	13 MT					
316	PORTLAND CEMENT CONCRETE PAVEMENT	68,425 M <sup>2</sup>					
405(1)	CONCRETE CLASS A	338 M <sup>3</sup>					
406	REINFORCEMENT STEEL	26,480 Kg					
413(2)	0.60 M Ø RCPC	56 LM					
413(4)	1.20 M Ø RCPC	9 LM					
500	RIPRAP AND GROUTED RIPRAP	230 M <sup>3</sup>					
501	HANDLAID ROCK EMBANKMENT	1600 M <sup>3</sup>					
509(3)	UNDERDRAIN 0.45 M Ø PERFORATED CONCRETE PIPE	10 LM					
509(5)	AGGREGATE FOR UNDERDRAIN	30 M <sup>3</sup>					
510	RIGHT OF WAY MARKER	764 @					
5 PL	CONCRETE BARRIER	132 @					

MONTHLY CASH FLOW CUMULATIVE AMOUNT	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	145,165.17	743,601.17	1,036,894.07	1,185,021.73	1,629,400.00
	145,165.17	888,766.34	1,925,660.41	3,110,682.20	4,740.08

SUBMITTED BY:  
**PRAGMAT.2 DEVELOPMENT AND CONSTRUCTION CORPORATION**  
**JOSE A. RECENDES**  
 PROJECT MANAGER

RECOMMENDING APPROVAL:  
**ALEJANDRO DE/EO**  
 PROJECT MANAGER TGC.  
**ANGEL E. SALVADOR**  
 PROJECT MANAGER P

CRUSH AGGREGATE FOR PAVEMENT

240 DAYS

PROVILY CONSTRUCTED ROAD

180 DAYS



LAY ASPHALT

20 DAYS

ANNEX 'F-2'

CONCRETE PAVING

230 DAY

SURVEY CHECKING & LAYOUT

180 DAYS

STRUCTURES



CONCRETE STRUCTURES

55 DAYS



HANDLAID ROADWAY EMBANKMENT & GRADED RIPRAP

165 DAYS

LAY RCP



MANUFACTURE BARRIER/ROW MARKER

85 DAYS



INSTALL ROW/BARRIER MARKER

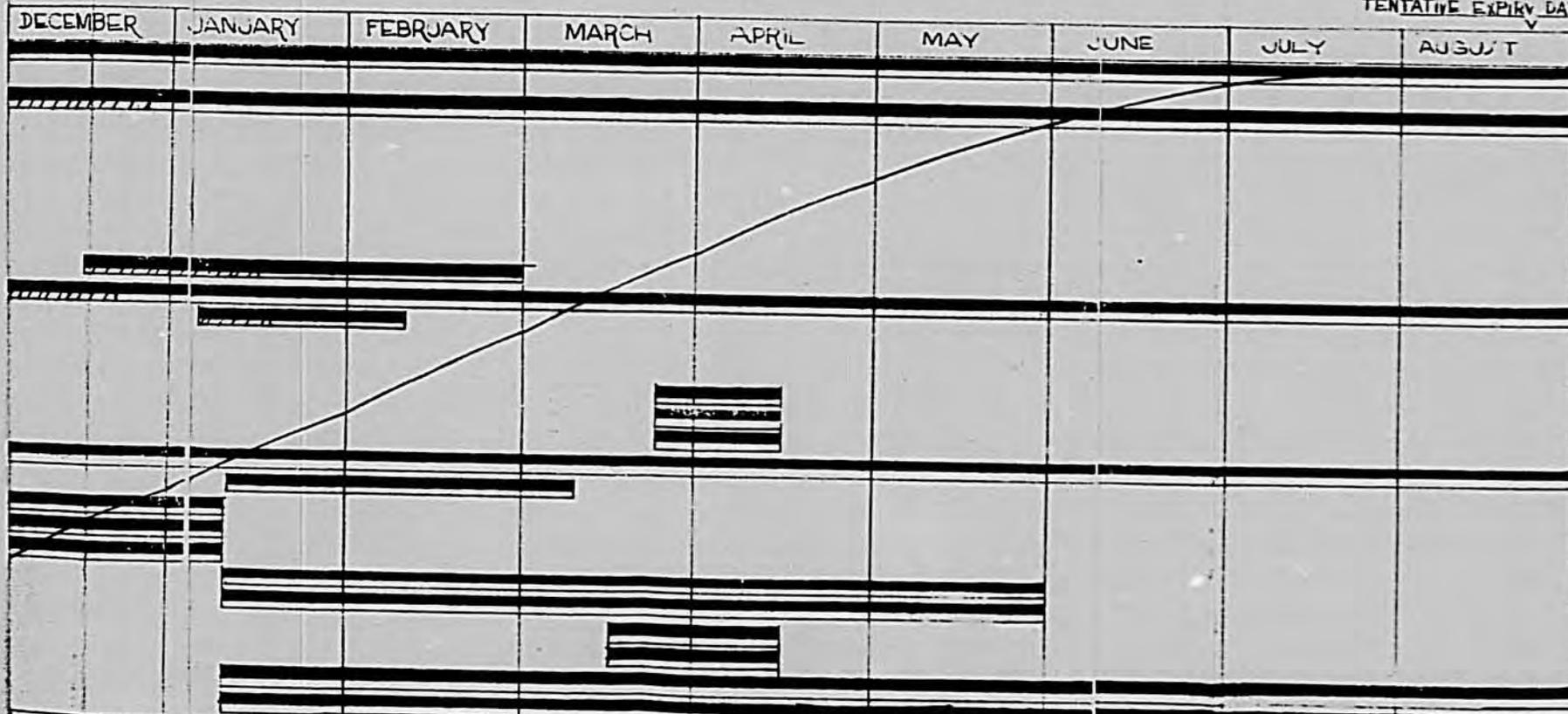
100 DAYS



MOVE OUT

15 DAYS

TENTATIVE EXPIRY DATE AUGUST 1982



1,629,404.96	1,740,500.76	1,666,426.89	1,666,436.89	1,703,468.83	1,666,436.90	1,036,834.07	447,345.73	145,165.17
4,740,087.17	5,480,587.93	8,147,024.82	9,813,461.72	11,516,930.55	13,183,367.43	14,220,261.50	14,667,607.29	14,812,772.4

APPROVED  
VICENTE B. LOPEZ CEJON II  
PROJECT DIRECTOR

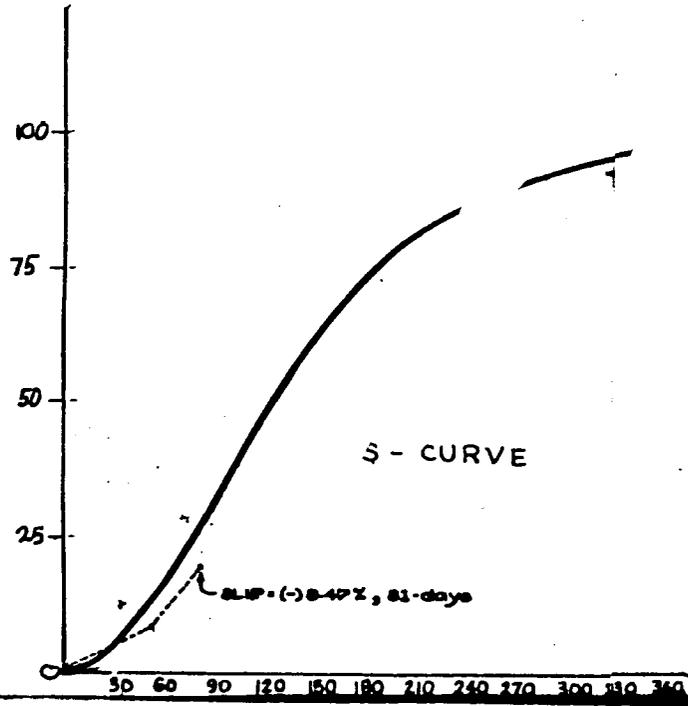
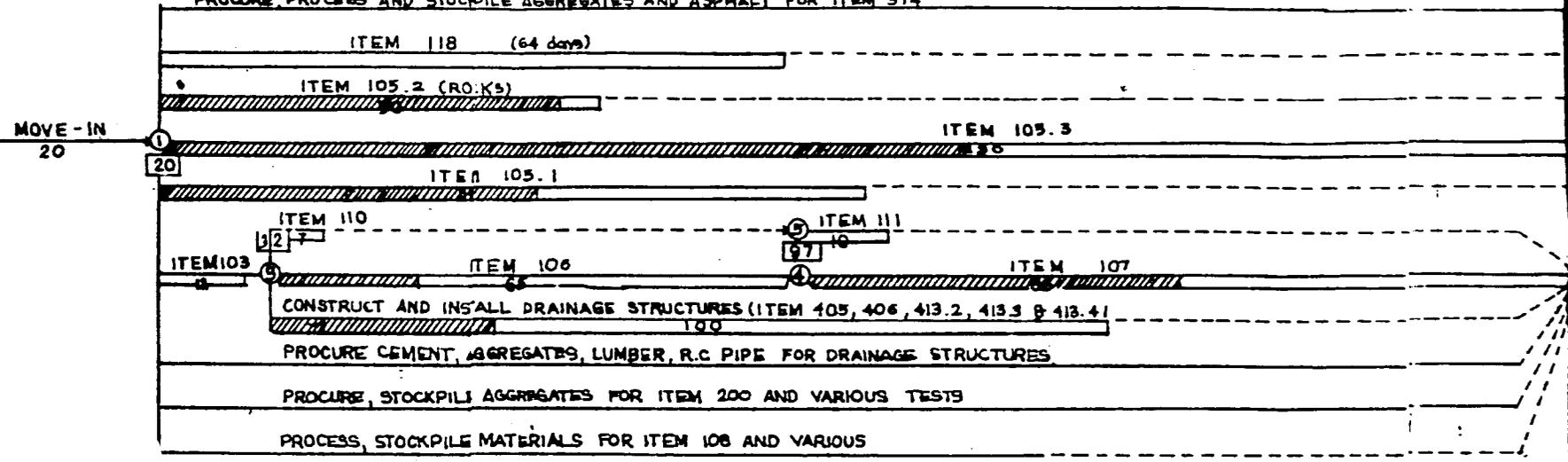
REVISED PROGRESS SCHEDULE, PERT CPM/CASH FLOW  
CALABANGA - BOBO ROAD

REVISED  
SEPT. 1981

CASH FLOW	30	60	90	120	150
MONTHLY	730,332.00	1,390,908.65	1,990,879.45	1,695,255.60	1,829,717.73
CUMULATIVE	730,332.00	2,121,240.55	3,512,120.00	5,107,345.60	6,937,063.33

PROCURE, PROCESS AND STOCKPILE AGGREGATES AND ASPHALT FOR ITEM 314

DATE STARTED  
AUGUST 1, 1961

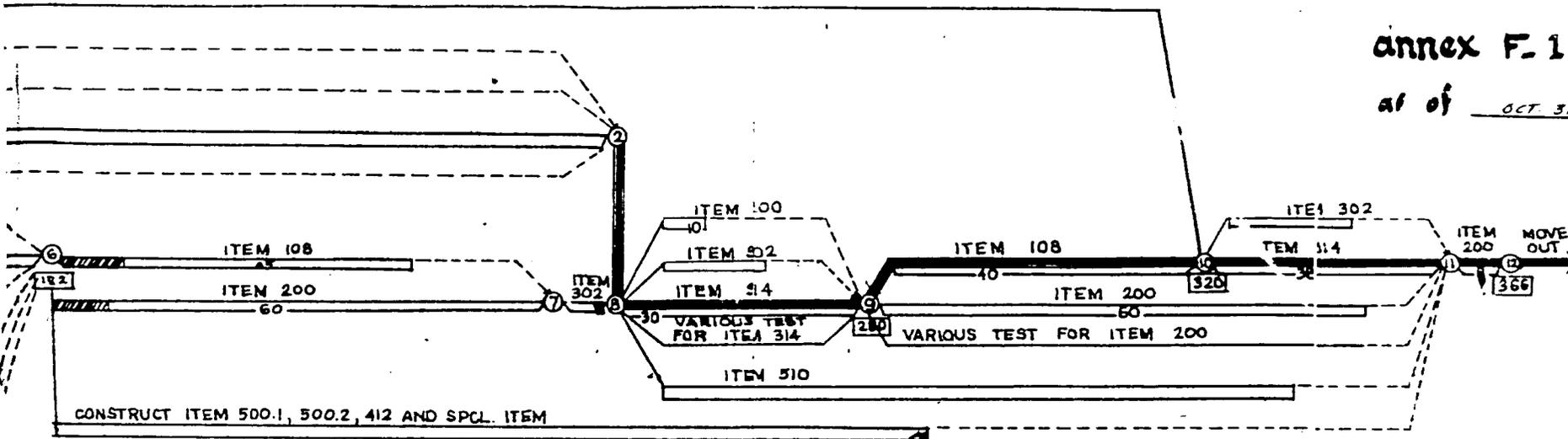


- LEGEND:
- > ACTIVITY
  - - - - -> FLOW
  - > DUMMY
  - > CRITICAL PATH
  - ///////> ACTUAL ACCOMPLISHED

180	210	240	270	300	330	360	370
597,246.00	499,577.00	404,209.60	380,893.00	402,890.00	2,540,936	52,96,31	
8,769,559.05	9,269,156.05	9,473,345.67	10,054,238.65	10,456,929.65	10,692,338.01	10,714,669.32	

annex F-1

as of OCT 31, 1981



**EQUIPMENT REQUIREMENT**

**LIST OF EQUIPMENT**

	UNIT
1. BULLDOZER	4
2. ROCKCRUSHER	1
3. WHEEL LOADER	5
4. DUMP TRUCK	25
5. AIR COMPRESSOR	1
6. SHEEPSFOOT ROLLER	1
7. MOTOR GRADER	3
8. PNEUMATIC ROLLER	1
9. WATER TRUCK	2
10. ROAD ROLLER	2
11. STAKE TRUCK	1
12. ASPHALT DISTRIBUTION	2
13. CHIP SPREADER	1
14. CONCRETE MIXER	2
15. CONCRETE VIBRATOR	1
16. BAR CUTTER	1

REPUBLIC OF THE PHILIPPINES  
 MINISTRY OF PUBLIC HIGHWAYS  
 BICOL SECONDARY AND FEEDER ROADS PROJECTS  
 BRBDP Road Component

**TIME SCALE PERT/CPM NETWORK  
 CONSTRUCTION OF SIBOBO-TINAMBAC SECTION  
 (COMPLETION)**

**SUB-PROJECT 3, PACKAGE 2  
 STA 11 + 483 — STA 23 + 650**

**CONTRACTOR: GOLD ROCK CONST. & DEV. CORP.**

SUBMITTED BY:

(SGD) MANUEL TANGHAL  
PREPARED BY  
 (GOLD ROCK CONSTRUCTION & DEV. CORP.)

RECOMMENDED FOR APPROVAL:

APPROVED:

WENCESLAO C. DE GUZMAN  
(ASSISTANT DIRECTOR)  
 EXECUTIVE DIRECTOR FOR PADAP,  
 BRBDP & STRDP

(SGD) JESUS S. HIPOLITO  
(MINISTER)

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF OCT. 26, 1980

ANNEX-D  
( Sht. 1 of 3 )

Package Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
1.	San Isidro-Libmanan Br. Sect., Cont. I, Sub-project 1, Package I.	R.L. UMALI CONSTRUCTION CORP.	P14,062,106.60 (orig.) P3,560,040.85 (Revised)	January 8, 1978	April 6, 1979 (orig.) April 14, 1979 (Revised)	Secondary-PCCP Feeder Rds.-Gravel (Item 108) Libmanan Br. Pre-stressed Hgis Br. RCDG Br. at FR-102 Timber trestle Bridges.	TECHNIKS PLANNERS, INC. (Before) TECHNIKS GROUP CORP.
	Secondary ----- 5.145 kms. Feeder Rds.: (Nat'l) FR- 101, Bahay-Busak Rd. --- 1.679 kms. FR- 102, Mandacanan-Bagadion-San Vicenter Rd. ----- 8.333 kms. BRIDGES: 10.012 kms. Libmanan Br. ----- 146.33 Ln., M. Hgis Br. ----- 20.60 " Timber Trestle (at FR- 102) at sta. 3+623.645 --- 47.19 " sta. 6+425 (Duraonan Creek) --- 48.78 " sta. 7+336.195 ----- 24.39 "						
2.	Libmanan Br.-Cabuso Sect., Cont. II, Sub-proj. No. I, Package I.	R.L. UMALI CONSTRUCTION CORP.	P12,554,412.60 (Orig.) P8,471,495.28 (For Continuation)	Sept. 18, 1978 Sept. 1, 1981	Dec. 19, 1979 (300 Days)	Secondary-PCCP Feeder Rds. Gravel (Item 108) Bridges-RCDG (For Continuation)	TECHNIKS PLANNERS, INC. (Before) TECHNIKS GROUP CORP. -do-
	Secondary Rd. ----- 9.385 kms. Feeder Rds.: FR- 103-Ruro Batya-Uson --- 4.245 " FR- 104-Libmanan-Barcelonita --- 5.025 " Bridges: Total - 9.270 " Botilla Br. --- 15.60 Ln., Lm. Ruro-Batya Br. ----- 7.60 Lb., Lm.						
3.	Calabanga-Manguiring Br. Sect. Contract I, Sub-project No. 3, Package I.	KAMAGCNG BUILDERS & DEVELOPERS CORP. FRAGMATIC CONST. (PCCP) (current)	P8,788,666.50 (Orig.) P14,812,772.40 (Continuation)	(Notice to proceed issued Jan. 26, 1979) (At Contractor's risk - 12-178) (Official start) Feb. 5, 1979)	August 7, 1980 (390 Days)	Secondary-PCCP (as designed) Feeder Rds.-Gravel (Item 103) Note: Per orig. contract, Secondary Sect., is Asphalt (BST). Changed to PCCP (current)	TECHNIKS PLANNERS, INC. (Before) TECHNIKS GROUP CORP. -do-
	Secondary Rd. ----- 9.82 Kms. Feeder Rds.: Labog Binanuanan ----- 12.92 kms. Manguiring Cemuning ----- 5.30 " 16.22 " (Changed to Calabanga-Sibobo Sect.) Length - Secondary --- 11.483 kms. Feeder Rds.: (Same)						

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION

AS OF Oct 24, 1981

ANNEX-"D"  
(Sht. 2 of 8)

Pact. No.	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
4.	Calabanga-Tinambac Br. Sect., Contract III Sub-proj. No. 3, Package I. BRIDGES: Manguring Br. Km. 9+919.58-30.60 IM. Cut 12 Br. Km. 16+403.35 - 24.60 " Tumulus Br. Km. 19+250.70 - 15.60 " Tiguib Br. km. 19+311 - 12.60 " Kawayan Br. km. +124.40 - 36.60 " Hubo Br. km. 21+303.58 - 15.60 " Total - - - 151.20 IM.	A.L. SARMIENTO CONSTRUCTION INC. (Orig.) William Uy Const. (Current, continuing)	P2,145,096.20 (orig.) P1,356,572.48 (For continuation)	Feb. 15, 1979 (Orig.) Continuation started 3/21/81	To be completed within 549 Calendar Days (Orig.) Continuation to be completed for 120 Calendar days.	BRIDGES - RCDG	TECHNIKS PLANNERS, INC.
5.	Manguring Br.-Tinambac Sect., Contract II, (Orig.) Sub-proj. No. 3, Package I. Secondary Rd. - - - - (orig.) 14.76 kms. Feeder Rd. No. 303-Hubo-Balao - 5.90 " Sibobo-Tinambac Sect.-Secondary - 13.097 "(DEBT) (Formerly Manguring Br.-Tinambac Sect.)	KAMAGONG BUILDERS DEVELOPERS CORP. (orig.) GOL ROCK CONST. (current)	P15,965,239.00 (orig.) P10,534,295.46 (current)	March 12, 1979 Aug. 1, 1981	within 549 (orig) Calendar Days w/in 366 C.D. Aug. 1, 1982	Secondary Rd. FCCP (orig.) Feeder Rd.-Gravel	TECHNIKS PLANNERS, INC. -do-
6.	Danao-Pasacao Rd. Sub-proj. No. 2, Package I, Secondary Road - - - - - 8.812 kms. Feeder Rds.: FR. 20 Itolan-Bahay Coco - 4.50 " FR. 202-Pasacao-Cararan-Macad 8.588 " FR. 2-2 Pasacao-Port Rd. - - - 1.796 " BRIDGES: Total - - - - 14.886 " Gadcon Br. 28.6 M-RCDG Timber Trestle on concrete pile bents 84.0M.	CET CONSTRUCTION (Orig.) EQUIPMENT CORP. (orig.) MAROSA ENTERPRISES (Current)	P11,633,828.00 (orig.) P11,635,128.50 (Rev.) P10,531,802.00 (current)	May 18, 1979 (Notice to proceed May 8, 1979) (orig.) Sept. 2, 1981 (current)	within 518 days (Oct. 16, 1980) (orig.) w/in 355 C.D. Aug. 22, 1982 (current)	Secondary-FCCP (Item 316) FCCP thick Feeder Rd.-Gravel-Item 108) -do-	TECHNIKS PLANNERS, INC. -dc-
7.	Tigman & Himuragat Bridges, Contract IV, Sub-proj. No. 3. BRIDGES only - Pre-stressed conc. Girder on steel H-piles Tigman Br. - 44.740 IM. Himuragat Br. 70.048 IM.	A.B. AGUINALDO CONST., INC.	P6,899,561.80	March 30, 1981	To be completed for 240 Calendar days.	Bridge-Pre-stressed conc. Girder on steel-H-piles	TECHNIKS PLANNERS, INC.
8.	Maga-Carolina Rd., Sub-proj. No. 10, Package II, Secondary Rd. - - - - - 13.48 Kms. Feeder Rds.: San Isidro-Pacal Nursery - - - 2.105 " San Isidro-Cararayan - - - 4.035 " 6.140 kms. BRIDGES: Dalatan Br. - 39.60 IM. Cararayan Br. 10.60 " 50.20 IM.	BALM CONST. CO., INC.	P11,148,640.00 (orig.) P11,115,290.65 (Rev.) P12,324,405.00 (Final)	July 15, 1978	Nov. 23, 1979 (Jan. 24, 1980) (Revised)	Secondary-DEBT (Item 314) Feeder Rd.-Gravel (Item 108) Bridges-RCDG	INTEGRATED PHILCONSULT INC.

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF Oct. 31, 1981 Y

ANNEX-"D"  
(Sht. 3 of 8)

Pack. No.	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
9.	Pili-Matacroc Rd., Sub-proj. No. 5, Package I Secondary-(Pili-Matacroc) - - - - 9.14 Kms. FR 501-Matacroc-Manapao-Baliwag - 7.11 " FR 502-Sagrada-Sr. Agustin - - - - 2.04 " FR 503-Manapao-Malitbor - - - - 1.51 " FR 504-San Jose-San Ramon - - - - 1.96 " BRIDGES: - - - - Total - - - - 12.62 kms. " - - - - 9.50 LM (RSDG) " - - - - 174.00 LM. TR. TE.	A.B.AGUINALDO CONSTRUCTION INC.	P15,377,382.00 (orig.)	Aug. 1, 1978 (Actual start- ing date)	Jan. 23, 1980 (orig.)	Secondary-DBST Feeder Rd.Gravel (Item 108)	INTEGRATED PHILCONSULT INC.
			P15,340,982.00 (Rev.)	Sept. 8, 1978 (commence of contract time)	May 10, 1980 (Rev.)	Bridge-RCDG	
10.	Hinalabac-Antipolo-Hubo Rd., Sub-proj. No. 4, Package II. Secondary Rd. - - - - - 8.041 Kms. 5.70 - DBST Feeder Rds.: 3.14 - Gravel FR 401-Antipolo-Lupi-San Fernando - - 5.14kms. FR 402-Hubo-Baliwag - - - - - 2.20 " FR 402-Hubo-Bagolatao - - - - - 7.664 " Total - - - - - 15.425 kms. BRIDGES: RCDG - - - - - 17.20 LM. TR. TE.	POLITRADE CONSTRUCTION INC.,	P12,117,699.10 (Orig.)	Feb. 7, 1979	Aug. 7, 1980	Secondary-Asphalt (5.70 kms.) 3.14 kms.-Gravel (Item 108) Feeder Rds.-Gravel (Item 108)	INTEGRATED PHILCONSULT INC.
			P14,143,254.20 (Rev.)				
11.	Balistina-San Antonio-Hinalabac Rd. Secondary Rd. - - - - - 8.2168Kms. Feeder Rds. - - - - - Maydago-Taririk Malitbog-Paras FR. 60-5,1474 BRIDGES: Malitbog Br. - - - - - 30.60 LM-M. Taririk Br. - - - - - 42.00 LM-M. Paras Br. - - - - - 18.00 LM-M. (Continuation)	PROJECT WORKS CONTRACTORS INC. (Orig.)  SOUTH MOTORIST ENTERPRISES (current)	P14,499,908.00	Nov. 12, 1979 (Notice to pro- ceed dated Nov. 21, 1979)	To be completed within 548 days.	A-C (BST) RCDG Timber Trestle " "	INTEGRATED PHILCONSULT INC.  -do-
			P8,439,585.80	<i>Oct. 29/81 Commence (To be completed of contract time within 420 C.D.</i>			
12.	Sto. Domingo-Bala-Ombao Rd. Sub-proj. No. 7, Package III. Secondary Rd. - - - - - 9.087 Kms. F. 7A (Sto. Domingo-Causip Rd.) - 0475 " FR 7B (Causip Rd.) - - - - - 1.120 " FR. 7C (Causip Stp. Domingo) - - - 5.225 " FR. 7D (Sto. Domingo-Lirag San Ramon) - - - - - 7.103 " FR. 7 E(San Ramon-Ombao - - - - - 3.231 " Total - - - - - 17.154 kms. Polbog Br. - - - - - 27.0 LM-M.	V.P. EUSEBIO CONSTRUCTION INC.	P11,448,673.00 (G.E as approved by the office of the President)	Sept. 18, 1978	March 10, 1980	Secondary 5.75 FCCP 3.33 Gravel	DCCD ENGINEERING CORP.
			P11,887,775.20 (approved by the CAG)				

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION

AS OF OCT. 31, 1981

ANNEX-D

Sht. 4 of 8

No.	Name of Sections Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
13.	Polangui-Lidong Sect., Sub-proj. No. 13-A Secondary Rd. - - - - - 17.50 kms. IR A (Sapang Paray-Magurang) - 1.003 " IR B (Ceres-Sta Cruz) - - - - - 1.500 " IR C (Itaran-Balaba) - - - - - 5.761 " IR D (Lidong-Danao) - - - - - 2.869 " 11.163 kms.  BRIDGES: 1. Hinter Br. - - - - - 18. Ln.m. 2. Itaran Br. - - - - - 18. Ln.m. 3. Hinaglabanan Br. - - - - - 18. Ln.m. 4. Mainaga Br. - - - - - 18 " 5. Anapol Br. - - - - - 18 " 6. Anogis Br. - - - - - 15. " 7. Ceres-Sta Cruz - 6.0 wide double 4.0 x 3.5 m. 8. Itaran-Balaba - 6.0 m wide single 4.0 x 3.5 m.	WILLIAM UY CONSTRUCTION (Orig.)  (NOTE: Terminated from orig. contractor, and the continuation of remaining item (DBST) is included in the remaining items of Buhi-Lidong Sect., Sub-project No. 13-B, to from the new contract sect., (Buhi-Lidong-Polangui Sect.) under the new contractor (LALS Const.). The contract amount of P6,135,119.66 already includes the continuation of works items of said Buhi-Lidong Section.  LALS CONST. (current)	P14,435,364.00	July 15, 1978	Jan. 5, 1980	Secondary-Asphalt Feeder Rds. Gravel (Item 108)  Bridges-: RCDG-(1-6) RCBC_(7-8)	DCCD ENGINEERING CORPORATION
14.	Buhi-Lidong Sect., Sub-proj. No. 13-B, Package III. Secondary Rd. - - - - - 8.86 Kms. Feeder Rds. : 1. San Vicente-Cagmaslog - - 2.929 " 2. San Antonio-San Vicente - 3.180 " 3. San Vicente-Macaangay - - 5.106 " 11.205 kms.  BRIDGES: 1. Batang Br. - - - - - 36.00 Ln.m. 2. Lalle Br. - - - - - 36.00 " 3. Ataga Br. - - - - - 18.00 " 4. Br. at stas. 13+074 & 13+483, 2-8.0 m. wide single 4 x 3 m. 5. Br. at stas. 13+470 & 10+91, 5,-8.0m. wide double 4.0 x 3.5 m.	JPY CONSTRUCTION COMPANY INC.  (NOTE: Terminated from orig. contractor, and the continuation of the remaining items is included to the continuation of the remaining item of Polangui-Lidong Sect., Sub-proj. No. 13-A, (above), to from the new sect. (Buhi-Lidong-Polangui Sect.), under same contractor (LALS Const.)	P10,647,071.50	July 15, 1978	Jan. 5, 1980	Secondary-Asphalt Concrete Feeder Rds. Gravel (Item 108)  Bridges-: (Item 1-3)RCDG (Item 4-8)RCBC	DCCD ENGINEERING CORP.  -do-

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF Oct. 31, 1981

ANNEX "D"  
Sht. 5 of 8

Contract Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
	(Continuation) 6. Br. along Cagnaslog sta. 2+068, 6.0 m. wide-double, 4x2.5m 7. Br. along San Vicente-San Antonio Sta. 2+168, 6.0m. wide double 4x2.5m.						
II	8. Br. along San Vicente-Macaangay, sta. 3+745-6.0m. wide single 4x3m. 9. Irija-Salvacion-Bato Rd.-Sub-project. No.12, Package III. Feeder Rds. Secondary Rds. 9.217 kms. FR. 12A(Salvacion-San Antonio Rd.) 2.014 kms. FR. 12B(Salvacion-Sagrada Rd.)- - 2.091 " FR. 12C(Masoli-Niñ. Jesus-San Antonio-3.014 " T O T A L - - - - -7.109 kms. FCBC along Sec. Rd.: 1. 0 m. wide single 4.00x3.00 m. Sta.4+992 1.80 m. wide double 4.00x3.00m. sta. 5+937	PHILCON BUILDERS & DEVELOPERS (o &.) MOON ROCK CONST. (current)	P5,305,770.00 (orig.)  P6,127,789.69 (continuation)	within 480 days May 18, 1979 (September 9, 1980) (Notice to proceed May 18, 1979)  330 (days)  July 25, 1981		DBST (for Secondary Rd.) Gravel (Item 108)	DCCD ENGINEERING CORPORATION  - do -
III	16. Topaz-Palsong-Bula Rds. Contract No. I, Sub-project No. 8, Package III. Secondary Rds. - - - - - 11.019 kms. Feeder Roads: FR. -A, Palsong-La Purisima Rd. 3.01 kms. FR 8-B, Palsong La Purisima Rd. 2.5600 " FR. -C, Pampoyan Feeder Rd. 3.000 " TCTAL - - - - - 8.570 " Bicol River Bridge - - - - -86 M.	CAPITOL INDUSTRIAL CONSTRUCTION GROUP	P11,567,160.00	(Notice to proceed) 3/11/80	To be completed within 540 Calendar days 9/2/81	BST(Item 314)	DCCD ENGINEERING CORPORATION
IV	17. Nabua-Tandaay Sect., Contract I, Sub-project No. 11, Package IV. Feeder Rds. Secondary Rds. - - - - -8.78 kms. 1. San Roque-Sta. Barbara - - - - -3.45 " 2. San Antonio-Ogbon-San Vicente- - - -2.80 " 3. San Vicente-San Ramon - - - - - 1.57 " 4. Sta. Cruz-Sta. Barbara - - - - - 1.82 " 5. Sto. Domingo-Madaon - - - - - 2.13 " 6. Inapatán-Ajustia-Dolorosa - - - - - 3.20 " TOTAL - - - - -14.97 kms.	S.P. DACER CONSTRUCTION CO., INC.	P16,705,106.00	June 16, 1978	Feb. 16, 1980	Secondary-FCBC Feeder Rds. Gravel (Item 108)	CERTEZA DEVELOPMENT CORPORATION

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF OCT-31-1977

ANNEX-"D"  
Sht. 6 of 8

Package Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervisor
				Started	Completion		
IV	18. Tandaay-San Juan Sect., Contract II-A, Sub-proj. No.11, Package IV. Secondary Rd. ----- 9.417 kms. Feeder rd.: ----- 12.135 " 1. Tandaay Segumay La Futisina ----- 3,967 " 2. Doloresa-Inapatun ----- 0.875 " 3. Doloresa-San Vicente ----- 1.341 " 4. Malawag-Duran ----- 3.469 " 5. Malawag-San Fernando ----- 2.485 " 12.135	F.F. CRUZ & CO., INC.	P17,278,344.00	July 15, 1978	March 15, 1980	Secondary-PCCP Feeder-Gravel (Item 108)	CERTEZA DEVELOPMENT CORPORATION
IV	19. Libon-Nugpo Sect., Contract III, Sub-proj. No. 11, Package IV. Secondary Rd. ----- 8,250 kms. Feeder Pds. 1. Del Rosario-Inogma ----- 2.458 " 2. Bulusan Lake-Bato ----- 2.680 " 3. La Medalla-Lake-Pato ----- 2.15 " 4. Nugpo-Bariw-Malolos ----- 8.097 " 15.350 kms. BRIDGES: 1. Paklas I ----- 29.20 m. 2. Paklas II ----- 29.21 " 3. Paklas III ----- 29.23 " 4. Lastaka(Lakrasan) ----- 25.20 " 5. Nugpo Br. ----- 29.20 "	" DIMSON (MLA.) " INC. (orig.) " V.P. EUSEBIO " (current)	P20,056,428.00 (orig.) P9,186,840.00 (continuation)	July 15, 1978	March 15, 1980	Secondary_PCCP Feeder - Gravel (Item 108) Bridges-RCDC	CERTEZA DEVELOPMENT CORPORATION - do -
IV	20. Nabua-San Agustin Contract V-A, Sub-proj. No.9, Package IV. Secondary Rd. ----- 2.00 kms. (Sta. 0+000 to Sta. 2+000)	M.D. FORONDA & ASSOCIATES	P1,996,758.36	December 15, 1978	To be completed within 240 Calendar days	Secondary-DBST	CERTEZA DEVELOPMENT CORPORATION
	21. Nabua-San Agustin, Contract VI-B, Sub-project No. 9, Package IV. Secondary Rd. ----- 2.4956 (Sta. 2+000 to Sta. 4956)	G & G CONSTRUCTION COMPANY	P1,996,619.79	Dec. 15, 1979	To be completed within 240 Calendar days	Secondary SBST	CERTEZA DEVELOPMENT CORPORATION

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF OCT. 31, 1977

ANNEX "D"  
Sht. 7 of 8

Package Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
17	22. Nabua-San Agustin, Contract VI-C, Sub-proj. No. 9, Package IV. Secondary Rds. Feeder Rds. 1. Sta. Lucia-Iaras - - - - - 2.82 kms 2. Baras San Jcse - - - - - 2.88 "	J.M. HERNANDEZ & SONS, INC.	P1,978,640.10	Dec. 15, 1978	To be completed within in Aug. 12, 1978)	Feeder R. s. Gravel (Item 108)	CERTEZA DEVELOPMENT
	25. Nuga-San Juan (Bato) Sect., Contract IV, Sub-proj. No. 11, Package IV. Secondary Rd. - - - - - 8.33 kms. Feeder Rds.: FR. 16-Nuga-Iinagbarilan - - - - - 1.92 FR. 18-Diviscris-Lalongkong - Magabusog - - - - - 7.78 " FR. 17-Diviscris-Lake Bato - - - - - 0.79 " FR. 19-Salvacion-Del Rosario - - - - - 2.07 " FR. 20-Gayuden-Payak - - - - - 41.23 " FR. 21-Fajak-Pagatpatan - - - - - 2.64 " FR. 22-Gayuden-Lake Bato - - - - - 1.32 " FR. 23-San Juan-Catmon - - - - - 1.96 BRIDGES: Buluang Br. 2-8m, and 1-2m. RCDG, spans - - - - - 29.20 M. 2. Aroling Br. 3-10m. RCDG - - - - - 31.20 M. 60.40 M.	F.F. CRUZ & CO., INC. (orig.) 51st Eng'ng. Brigade Phil. Army (continuation)	P21,515,886.00 (orig.) P8,752,700.00 (continuation)	Feb. 15, 1979 July 25, 1981	June 10, 1980 (280 days)	Secondary-Gravel Feeder Roads Gravel (Item 108) Bridges - RCDG	CERTEZA DEVELOPMENT CORPORATION - do -
	24. Palangui-Nasisi Sect., Contract V-A, Sub-project No. 14, Package IV. Secondary - 12.86 kms. Feeder Roads: FR. 1. Ponso-San Agustin - - - - - 3.85 " FR. 2. Balogc-San Ramon-Tabog - - - - - 2.26 " FR. 3. Baraycng-Ligaw - - - - - 3.28 " T O T A L - - - - - 9.39 kms.	" BETTER BUILDERS CONSTRUCTION WILLIAM UY (current)	P9,200,200.00 (orig.) P10,988,450.55 (continuation)	Feb. 15, 1979 July 25, 1981	June 12, 1980 (360 days)	Secondary-SBST Feeder-Gravel (Item 108)	CERTEZA DEVELOPMENT CORPORATION

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF & Oct. 31, 1981

ANNEX "D"  
(Sht. 8 of 8)

Range Number	Number of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
IV	25. Polangui-Nasisi Br. Section, Contract V-B, Sub-proj. No. 14, Package IV.	EASTERN HICOL CONSTRUCTION & DEVELOPMENT CORPORATION	P1,428,680.00	Jan. 15, 1979	To be completed within in 300 Calendar Days	Bridges-all RCDG	CERTEZA DEVELOPMENT CORPORATION
	1. Alnay Br. 1-2m. (RCDG Spans) - - - - - 12.40m						
	2. Napo Bridge 1-1cm. (RCDG Spans) - - - - - 40.40 "						
	3. Binad Bridge 2-3m & 1-10 (RCDG Spans) - - - 22.40 "						
	4. Balogo Bridge 2-8m & 1-12 (RCDG Spans) - - - 29.20 "						
	5. Matanglad Bridge 2-4m & 1-5 (RCDG Spans) - - - 24.40 "						
	TOTAL - - - - - 98.80 "						
IV	26. Tanday-San Juan (Bridge) Sect., Contract II-B, Sub-project No. 1, Package IV.	F.F. CRUZ CO., INC.	P1,437,400.00	Notice to proceed 1. . . . . ltd. Aug. 3/79	To be completed w/in 270 Calendar days	Bridge-all RCDG	CERTEZA DEVELOPMENT CORPORATION
	Segments:						
	Contract II-B (1) Panganiban (Mayowag) Br. P648,400.00						
	Contract II-B (2) San Roque 1 & 2 Br. P839,040.00						
	Total length of Bridges-76.00 m.						
		(Both Contract: Official IL-B (1) & IL-B (2) starting date Dec. 12/79 (Date when the approved red-sugn of Br. received by contractor.					

PERCENTAGE OF COMPARISON OF COLLECTION & ACCOMPLISHMENT  
AS OF Oct. 21, 1981

ANNEX-E  
Sht. 1 of 4

P.K. NO.	CONTRACTORS	Amount of Contract	% Accomplishment (4)	Amt. Collected (5)	% Collection (5)-(6) (6)	REMARKS
A.	<u>DETAILED ENGINEERING:</u>					
I	Techniks Group Corp.	P2,219,341.00 (Rev.) P2,134,341.00 (orig.)	(100.00) (100.00)	P2,218,087.87	99.94	NOTE: * Figure in parenthesis under Column of "B" Accomplishment per PMO's overall evaluated weight covering the total 4 Sub-projects
II	Integrated Philconsult Inc.	P2,871,410.00	(100.00)	P1,481,410.00	100.00	
III	DCCD Engineering Corp.	P1,955,05.00	(100.00)	P1,950,188.56	97.73	
IV	Certeza Development Corp.	P2,346,552.47	(100.00)	P2,346,552.17	99.36	
	TOTAL FOR DETAILED ENGINEERING	P6,017,748.00 (Rev.) P7,932,740.00 (orig.)	(100.00) (100.00)	P7,996,238.00	99.73	
C.	<u>PARCELLARY SURVEY &amp; MAPPING:</u>					
II	CPT CONSULTING ENGINEER	P1,037,030.00 (Rev.)	(100.00)	P1,037,030.00	100.00	2. Total estimated % weights of Detailed Engineering is 2.5% (see ANNEX-J).
III & IV	P.B. Albert Surveying	P3,650,500.00	(100.00)	P3,650,500.00	100.00	
	TOTAL FOR PARCELLARY SURVEY & MAPPING	P1,383,530.00	(100.00)	P1,383,530.00	100.00	
	<u>CONSTRUCTION SUPERVISION:</u>					
	Techniks Group Corp.	P4,342,737.60 (req't'd. cost) P4,877,262.20 up to Oct./81	67.18	P8,164,560.58	88.55	- Total estimated weights of parcellary survey & mapping is 0.34% per overall total project implementation weight.
II	Integrated Philconsult Inc.	P2,684,610.00 (req't'd ext. cost) P3,610,682.92 (orig.) cost	90.26	P6,049,102.94	96.09	
III	DCCD Engineering Corp.	P2,430,500.00 (req't'd ext. cost) P4,640,830.00 (orig.)	82.04	P6,660,286.17	94.19	
IV	Certeza Development Corp.	P3,076,214.00 (req't'd ext. cost) P5,780,105.00 (Rev.) P5,409,845.00 (orig.)	81.69	P8,239,936.10	93.04	
	TOTAL FOR CONSTRUCTION SUPERVISION	P31,442,889.02 (req't'd ext. cost) P18,538,640.12 (orig.) considered P18,908,900.00 (Rev.)	79.19	P29,113,885.89	92.59	

PERCENTAGE COMPARISON OF COLLECTION & ACCOMPLISHMENT  
AS OF Oct. 31, 1981

ANNEX-E  
Sht. 2 of 4 )

FACT. NO.	CONTRACTORS	Amt. of Contract	% Accomplishment	Amt. Collected	% Collection	REMARKS
(1)	(2)	(3)	(4)	(5)	5-3 (6)	
I	1. R.L. Umali Const. Corp.	P14,062,106.60 (orig.) P13,560,040.85 (Rev.)	100.00	P13,881,499.36	100.00	Const. of San Isidro-Libmanan Br. Sect., Contract I, Sub-project No.1, started Jan. 8, 1978.
I	2. S.P. D.CER CONST. INC.	P15,159,660.94	100.00	P15,142,358.43	99.89	Const. of B. Sur-Tandaay Sect., Contract II, commence of contract time June 16, 1978.
I	3. Balm Construction	P12,324,405.00	100.00	P12,314,404.90	99.22	Const. of Naga-Carolina-Sub-project No. 10, started July 15, 1978.
III	4(a) JPY Const. Co., Inc.	P10,647,071.50 (orig.)	63.83	P6,657,188.46	62.57	Const. of Buhi-Lidong Rd., Sub-proj. No. 13-B, started July 15, 1978. Const. of Polangui-Lidong Sect., Sub-proj. No.13-A, Started July 15, 1978. Const. of Polangui- & Buhi-Lidong Sect. commenced into Polangui-Lidong-Buhi Sect., started Aug. 11/81.
	4(b) William Uy Const. (orig.)	P14,455,364.00 (orig.)	82.80	P12,665,348.35	87.62	
	4(c) LALS CONST. (current)	P6,135,119.66	6.39	-	-	
I	5. Dimson (alt.) Inc. (orig.)	P20,056,428.00 (orig.)	74.40	P14,701,092.45	73.30	Const. of Libon-Mugpo Sect., Contract III, Sub-project No. 11, started July 15, 1978. Terminated (11/24/80) (Continuation.)
	5(a) V.P. Eusebio Const. Inc. (current)	P7,185,840.00	-	-	-	
I	6. F.F. CRUZ & CO., INC.	P14,404,312.42	100.00	P14,413,240.32	100.00	Const. of Tandaay San Juan Sect., Contract II A, Sub-project No. 11 started July 15, 1978.
I	7. A.B. AGUINALDO CONST. INC.	P15,377,382.00	93.12	P13,099,252.32	85.19	Const. of Pili-Mataooc Rd., Sub-project No.3, Started July 15, 1978.
II	8. V.P. EUSEBIO CONST.	P11,488,673.00	100.00	P11,684,096.56	100.00	Const. of Sto. Domingo-Bula-Owato Rd., Sub-proj. No.7, started July 15, 1978.
	9. R.L. Umali Const. Corp. (orig.)	P12,354,412.60 (orig.)	62.60	P7,674,899.48	62.12	Const. of Libmanan Br-Cabusao Sect., Contract II, Sub-project No.1, started Sept. 18, 1978. (Terminated 11/24/80). (Continuation)
	9(a) R.L. Umali Const. Corp. (current)	P8,471,495.28	0.92	-	-	
	10(-) Kamagong Builders & Dev. Corp. (orig.)	P5,762,962.68 (final)	65.53	P5,762,962.68	100.00	Const. of Calabanga-Manguring Br. Sect. Sub-proj. No. III, Contract I, started Jan. 29, 1979. Cementing of 1.15 kms. part of Calabanga-Sibobo Sect. (Formerly Calabanga-Manguring Br. Sect.) Continuation of Calabanga-Sibobo Sect. Sub-proj. No.1, cont. I, Terminated from KBDC, started Aug. 1, 1981.
	10(b) By Force Account Administration	P6,788,666.50 (orig.)	-	P998,788.49	99.88	
	10(c) Pragmatic Const. & Dev. Corp. (current)	P1,000,000.00 P14,812,772.40	100.00 5.21	-	-	

PERCENTAGE COMPARISON OF COLLECTION AND ACCOMPLISHMENT  
AS OF Dec. 31, 1981

ANNEX-E  
Sht. 3 of 4

PK. No.	CONTRACTORS (2)	Amount of Contract (3)	% Accomplishment (4)	Amount Collected (5)	Collection (6)	REMARKS
II	11. Polytrade Const., Inc.	P12,147,699.00 (orig.) P14,443,254.20 (Rev.)	98.81	P14,171,821.68	98.12	Const. of Antipolo-Subo-Minalabac Rd. Sub-proj. - No. 14, started Feb. 7, 1979.
	2. Al.Sarmiento Const. (orig.)	P2,145,096.20	100.00	P1,333,262.40	62.15	Const. of Calabanga-Tinambac Rd. Bridges, Contract II, Sub-proj. No.3, started Feb. 15, 1979.
	12(a) William Uy Const.(current)	P1,356,578.48	100.00	P1,116,722.72	82.31.	Continuation of Calabanga-Tinambac Brs. terminated from A.L. SARMIENTO CONST.
I	13. M.D. Foronda & Associates	P1,994,758.86	91.11	P1,455,569.82	72.97	Const. of Nabua-San Agustin Contract VI-A, Sub-proj. No.9, started Dec. 15, 1979.
	14. G & G Const. Co., Inc.	P1,996,619.79	82.22	P1,302,151.89	65.22	Const. of Nabua-San Agustin Contract VI-B, Sub-proj. No.9, started Dec. 15, 1979.
I'	15. J.N. Hernandez & Sons	P1,876,775.43 (Final) P1,029,895.36 (orig.)	100.00	P1,876,775.43	100.00	Const. of Nabua-San Agustin VI-C, Sub-proj. No. 9, Started Dec. 15, 1979.
	16. Eastern Bicol Const.(orig.)	P1,428,680.00 (orig.)	100.00	P786,745.06	100.00	Const. of Polangui-Nasisi Sect.,(Bridges only) Contract V-B, Sub-proj. No.14, (terminated from original contractor)
	16(a) RSW Const. Corp.-(New)	P786,745.06 (Rev.)	100.00	P289,878.38	100.00	Const. of Almey and Napo Brs. only.
	16(b) Viber Eng'ng Works (New)	P158,080.00	100.00	P403,049.40	86.42	Const. of Balogo Brs. only.
	16(c) OAS Builders Const.(New)	P466,401.50	100.00	P.03,970.65	97.53	Const. of Matanglad Brs. only.
	16(d) Circa Const. (New)	P414,216.65	100.00			
	17. P.F. CRUZ & CO., INC.(orig.)	P21,515,886.00 (orig.)	70.06	P13,224,213.40	61.46	Const. of San Juan-Nugpo Sect., Contract IV, Sub-proj. No.11,(Terminated from orig. contractor) (Continuation)
	17(a) 51st Eng'ng Brigade P.A. (current)	P8,752,700.00	2.852	-	-	
	18. Better Builders Const.(orig.)	P.,200,200.00	35.69	P3,381,439.80	36.	Const. of Polangui-Nasisi Sect., Sub-proj. No. Sub-proj. No. 14. (Terminated from orig. contractor)
IV	18(a) William Uy Const. (current)	P10,988,450.55	9.15	-	-	(Continuation)

PERCENTAGE COMPARISON OF COLLECTION AND ACCOMPLISHMENT  
AS OF 9-31, 1981

ANNEX-E  
Sht. 4 of 4

PAC NO	CONTRACTORS (2)	Amount of Contract (3)	% Accomplishment (4)	Amt. Collected (5)	% Collection (6)	REMARKS
I	19. CBT Const. & Eng'ng. Corp. (original)	P7,037,454.26 (final) P11,633,828.00 (orig.)	58.14	P7,037,454.25	100.00	Const. of Danao-Pasacao Rd. Sub-proj. No.2, (Terminated from orig. contractor)
I	19 Marasa Const. (Current)	P10,531,802.00	0.36	-	(Continuation)	Started September 2, 1981
I	20. Kanagang Builders & Dev. Corp. (orig.)	P15,965,239.00 (orig.) P4,508,045.12 (final)	26.24	P4,508,045.12	100.00	Const. of Manguuring Br.-Tinambac Sect., Contract II, Sub-proj. No.3, Terminated from orig. contractor
	20(a) Goldrock Const. (current)	P10,534,295.46	20.30	-	(Continuation)	
II	21. Philcon Builders (orig.)	P5,306,770.00	44.33	P2,059,904.02	38.82	Const. of Iriga-Salvacion (Bato) Rd., Sub-proj. No. 12.
	21(a) Moon Rock Const. (current)	P6,127,789.69	31.17	-	(Continuation)	
IV	22. Project Werks Const. (orig.)	P5,499,908.00 (orig.) P1,306,367.47 (final)	30.01	P1,306,367.47	100.00	Const. of Palistina-San Antonio-Minalabac Sub-proj. No.6, (Terminated from orig. contractor)
	22(a) South Motorist Enterprises (current)	P2,439,248.17	3.43	-	(Continuation)	
I	23 F.F. CRUZ & CO., INC.	P1,487,440.00	100.00	P1,487,440.00	100.00	Const. of San Juan-Tandaay Br. Sect., Contract I-B, Sub-project No.2.
II	24. Capitol Industrial & Const. Group	P11,567,160.00	86.73	P8,823,958.20	76.28	Const. of Topaz-Palsong-Bula Rd., Sub-project No.8.
I	25. A.B. Aguinaldo Const. Inc.	P6,889,561.80	66.93	P4,232,052.00	61.43	Const. of Tigman & Himuragat Bridges, Contract IV, Sub-project No.3.

RMO'S MANPOWER AND MAJOR EQUIPMENT  
AS OF October 31, 1981

ANNEX-C  
Sht. 2 of 2

A. MAJOR EQUIPMENT (RMO PROPERTY)

Name & Description	NUMBER OF UNITS	
	Previous	Reported Period
Electric Fan 6" Blade w/ stand	: 4 pcs.	: Same Previous
Electric Table Calculator Monroe	: 3 "	: - do -
Army Type Jeep from USAID	: 5 "	: - do -
Ford 100	: 1 Unit	: - do -
Typewriter (Manual)	: 4 Units	: - do -
Airconditioners	: 7 pcs.	: - do -
Toyota Land Cruiser	: 2 Units	: - do -
Volkswagen Brasilia	: 1 Unit	: - do -
Volkswagen Sakbayan	: 1 "	: - do -
Duplicating Machine	: 1 "	: - do -
Gostefax Scanner	: 1 "	: - do -
Refrigerator	: 1 "	: - do -
Manual Adding Machine	: 1 "	: - do -
Electric Adding Machine	: 1 "	: - do -
Toyota Crown (1 assigned in Central Office)	: 2 Units	: - do -
Stencil Cutter	: 1 Unit	: - do -
Map Steel Cabinet	: 1 pcs.	: - do -
Monroe Pocket Calculator	: 1 pcs.	: - do -
Typewriter Table w/ Chairs	: 12 "	: - do -
Sr. Executive w/ Swivel Chairs	: 7 "	: - do -
Office Table	: 5 "	: - do -
Utility Chairs (upholstered)	: 18 "	: - do -
Revolving Chairs	: 17 "	: - do -
Conference Tables	: 30 "	: - do -
Book Shelf	: 2 "	: - do -
Five Pcs. Upholstered Sala Set	: 1 "	: - do -
Sanyo Calculator	: 2 "	: - do -
Electric Polisher	: 3 "	: - do -
Electric Typewriter (USAID)	: 1 pc.	: - do -
Fire Extinguisher (10 small - 5 big)	: 2 pcs.	: - do -
Steel Cabinet (4 drawers)	: 15 "	: - do -
Steel Cabinet (big 1 storage & voucher file cab.)	: 10 "	: - do -
Safe Acme	: 2 "	: - do -
Manual Typewriter (Sigma) Carriage 3-18", 27"	: 1 pc.	: - do -
Typewriter Adler (Manual)	: 4 pcs.	: - do -
Utility Chairs	: 1 pc.	: - do -
Office Tables w/ top glass	: -	: 24 pcs.
Electric Fan 16"	: -	: 2 "

B. MAJOR EQUIPMENT (Property of Const. Contractor's turned over to RMO)

Utility Jeep (Ford Sierra) by Balm Const.	: 1 Unit	: Same Previous
" " ( " ) by F.F. CRUZ & Co., Inc.	: 1 "	: - do -
" " ( " ) by DIMSON MIA, INC.	: 1 "	: - do -
Toyota Land Cruiser by Williams By Const.	: 1 "	: - do -
" " by S.F. DACER CONST.	: 1 "	: - do -
Utility Jeep (Ford Sierra) by R.L. Umali Const.	: 1 "	: - do -
Toyota Land Cruiser by (White) R.L. Umali Const.	: 1 "	: - do -
" " by A.B. AGUIBALDO CONST.	: 1 "	: - do -
Utility Jeep (Ford Sierra) by A.B. AGUIBALDO CONST.	: 1 "	: - do -
Toyota Land Cruiser, Dirty White by F.F. CRUZ & Co., Inc.	: 1 "	: - do -
" " by Kamagong Builders & Dev. Corp.	: 1 "	: - do -
Utility Jeep (Ford Sierra) by R.L. Umali Const.	: 1 "	: - do -
Utility (Toyota Tamaraw) by V.P. Eusebio Const.	: 1 "	: - do -
Toyota Land Cruiser by R.L. Umali Const.	: 1 "	: - do -
" " by POLYTRADE CONST.	: 1 "	: - do -
Utility Jeep (Ford Sierra) by POLYTRADE CONST.	: 1 "	: - do -
Toyota Land Cruiser by V.P. Eusebio Const.	: 1 "	: - do -
" " by F.F. CRUZ & CO., INC.	: 1 "	: - do -
Toyota Tamaraw by JHY Construction	: 1 "	: - do -
Utility Jeep (Ford Sierra) by GHT CONST.	: 1 "	: - do -
" " ( " ) by S.F. DACER CONST.	: 1 "	: - do -
Toyota Land Cruiser by Dimson Mia Inc.	: 1 "	: - do -
" " " " G. & G. CONST.	: 1 "	: - do -
" " " " F.F. CRUZ	: 1 "	: - do -
Twin Car by Philcom Builders	: 1 "	: - do -
Toyota Land Cruiser by Capitol Industrial Const. Group	: 1 "	: - do -

RMO'S MANPOWER AND MAJOR EQUIPMENT  
AS OF October 31, 1981

ANNEX-C  
10/31/81

MANPOWER:

DIVISION OR SECTION	: POSITION	NUMBERS: Report	
		: Previous	: Period
RMO Office (Field Level)	:Project Director	: 1	:same Prev.
- do -	:Project Manager	: 1	: - do -
- do -	:Secretary	: 1	: 1
- do -	:Driver	: 1	:same prev.
Monitoring Section	:Supervising C.E. I	: 1	: - do -
- do -	:Civil Engineer	: 1	: 1
- do -	:Civil Engineer Aide II	: 4	:same prev.
- do -	:Clerk II	: 1	: - do -
- do -	:Driver	: 1	: - do -
Road & Equipment Maintenance	:Supervising C.E. I	: 1	: - do -
- do -	:Asst. Auto Equip. Engineer	: 1	: - do -
- do -	:Driver	: 1	: - do -
Administrative Division	:Staff C.E. (Adm. Engineers)	: 1	: - do -
- do -	:Driver	: 1	: - do -
General Services	:Personnel Officer	: 1	: - do -
- do -	:Records Officer	: 1	: - do -
- do -	:Property Custodian	: 1	: - do -
- do -	:Supplies Checker	: 1	: - do -
- do -	:Clerk II	: 4	: - do -
- do -	:Duplicating Machine Opr.	: 1	:same prev.
- do -	:Janitor	: 3	: - do -
- do -	:Security Guard	: 1	: - do -
Accounting Section	:Chief Accountant	: 1	: - do -
- do -	:Cashier	: 1	: - do -
- do -	:Bookkeeper	: 1	: - do -
- do -	:Actg. Clerk III	: 3	: - do -
- do -	:Cash Clerk	: 1	: 1
RR&W & Contract Section	:Sr. Legal Officer (Legal Consultant)	: 1	:same prev.
- do -	:Legal Aide II	: 1	: - do -
- do -	:Civil Engineering Aide II	: 2	: - do -
- do -	:Rd. Right-Of-Way Agent	: 7	: - do -
Engineering & Design Const. Sect.	:Supervising C.E. II	: 1	: - do -
- do -	:Supervising C.E. I	: 1	: - do -
- do -	:Senior Civil Engineer	: 1	: - do -
- do -	:Geodetic Engineer	: 1	: - do -
- do -	:Supervising C.E. Draftsman	: 1	: - do -
- do -	:C.E. Draftsman	: 2	: - do -
- do -	:Driver	: 1	: - do -
Quality Control Section	:Materials Testing Engr. II	: 1	: - do -
- do -	: " Lab. Tech.	: 1	: - do -
Construction Division	:Staff Civil Engineer	: 1	: - do -
- do -	:Driver	: 1	: - do -
Quality Control	:Supervising C.E. II	: 1	: - do -
- do -	:Driver	: 1	: - do -
- do -	:Supervising C.E. (RES. Engr.)	: 2	: - do -
- do -	:Clerk II	: 2	: - do -
- do -	:Driver	: 4	: - do -
TOTAL - - - - -		66	: 69

NOTE: This number of personnel represents about 59.43% of the required manpower per approved RMO Staffing Pattern.

SUBMITTED: P.O ACCOUNTING SECTION

DATE SUBMITTED: Nov. 5, 1981

Bicol Secondary and Feeder Rds. Project  
FINANCIAL PLAN AND CASH FLOW  
AS OF Oct. 31, 1981

PACKAGE NO.	NAME AND SUB-PROJECT NUMBER (Contractor)	C O N T R A C T		C O S T	C O M M I T M E N T S	
		ORIGINAL	REVISED	FINAL	TOTAL PREVIOUS	REPORT PERIOD
II	8. Const. of Pili-Mataog Rd., Sub-proj. No. 5, (A.B. AGUINALDO CONST.)	P15,377,382.00			P13,099,252.32	-
III	9. Const. of Sto. Domingo-Bula-Ombao Rd., Sub proj. No. 7, (V.P. EUSEBIO CONST.)	P11,488,673.00			P11,684,096.56	-
	10. Const. of Libmanan Br.-Cabusao Sect., Con- tract II, Sub-proj. No. I, (R.L. UMALI CONST.)	P12,354,412.60			P7,674,899.48	-
	11. Const. of Calabanga-Manguiring Br. Sect., Contract I, Sub-project No. 5, (KAMAGONG BUILDERS & DEV. CORP.) - original	P8,788,666.50			P5,762,962.68	
	NOTE: Calabanga-Gibobo Sect. (Pragmatic Const.) by Force Account-Administration.	P1,000,000.00			P972,984.60	P25,793.89
	12. Const. of Calabanga-Tinambac Rd., Bridges Contract III (A.L. SARMIENTO CONST.-orig.) Cont. - William Uy Construction The Brs.: Witiwit - - - - - P386,549.76 Tumulus - - - - - 307,038.80 Hubo - - - - - 369,710.12 Tiguib - - - - - 293,273.80 TOTAL - - - - - P1,356,572.48	P2,145,096.00			P1,333,262.40 P146,700.00 268,405.20 137,760.00 252,982.00	- P38,633.60 P231,950.12 P 40,291.80
II	13. Const. of Minalabac-Antipolo-Hubo Rd., Sub- proj. No. I, (POLYTRADE CONST. INC.)	P12,147,699.00		P14,443,254.20	P14,171,821.68	-
IV	14. Const. of Nabua-San Agustin Contract VI-A Sub-proj. No. 9, (M.D. FORONDA & ASSC. CONST.)	P1,944,758.86			P1,455,569.82	-
-dc-	15. Const. of Nabua-San Agustin Contract VI-B Sub-proj. No. 9, (G & G CONST.)	P1,966,619.79			P1,302,151.89	-
	16. Const. of Nabua-San Agustin Contract VI-C, Sub-proj. No. 9, (J.M. HERNANDEZ & SOIS)	P1,978,640.10		P1,929,895.36	P2,166,636.15	(P289,360.72)
-dc-	17. Const. of San Juan-Nugpo Sect., Contract VI Sub-proj. No. 11, (F.F. CRUZ & CO., INC.)	P21,515,886.00			P13,224,231.40	-
	18. Const. of Polangui-Nasisi Sect., V-A, Sub- proj. No. 14, (BETTER BUILDERS CONST.-orig) (WILLIAM UY CONST.-New) Continuation.	P9,200,200.00			P3,381,439.80	-
	19. Const. of Polangui-Nasisi Brs. Contract V-B, Sub-proj. No. 14, (EASTERN BICOL CONST.)	P1,426,680.00	P786,745.00 (as collected by orig. contrac- tor.)		P786,745.06	-

r Rds. Project  
 CASH FLOW  
 1991

ANNEX-B  
 Snt. 3 of 4

REPORT PERIOD	TOTAL	FUNDS REQUIRED TO COMPLETE THE PROJECT								
		1976	1977	1978	1979	1980	1st	2nd	3rd	4th
-	13,099,252.32						P1,300,485.00	P1,300,485.00	P431,487.00	
-	11,684,096.56						P1,944,136.00	P332,696.00		
-	7,674,899.48								P2,520,000.00	P3,595,000.00
	25,762,962.68								P2,365,000.00	P4,340,000.00
P25,793.89	998,773.49									
-	1,333,262.40									
	146,700.00									
P38,633.60	307,038.80						P135,000.00	P1,225,000.00		
P231,950.12	369,710.12									
P 40,291.80	293,273.80									
-	14,171,821.68						P983,460.00	P983,460.00		
-	1,455,569.82						P200,000.00	P185,000.00		
-	1,302,151.89							P800,000.00		
(P289,860.72)	1,876,775.43									
-	13,224,231.40						P1,300,000.00	P2,020,000.00	P3,460,000.00	P4,520,000.00
-	13,381,439.80						P109,300.00	P1,861,000.00	P2,701,000.00	P3,202,500.00
-	786,745.06						P701,443.00			

SUBMITTED: RMO ACCOUNTING SECTION

DATE SUBMITTED: Nov 05, 1981

Bicol Secondary and Feeder Rts. Project  
 FINANCIAL PLAN AND CASH FLOW  
 For Detailed Engineering Parcelary Survey & Construction  
 AS OF OCTOBER 31, 1981

PACKAGE NO.	NAME AND SUB-PROJECT NUMBER	CONTRACT COST			COMMITMENTS	
		ORIGINAL	REVISED	FINAL	TOTAL PREVIOUS	REPORT PERIOD
	19(a) Pblangui-Nasisi Bridges, Contract V-B, Sub-proj. No. 1A, (CIRCA CONST.-New Contractor)	P414,216.65		P403,985.49	P403,970.65	-
IV	19(b) -do- (RSW CONST. CORP.-New Contractor)	P158,080.00			P158,089.16	-
	19(c) -do- (VIVER ENGINE WORKS " )	P328,058.00			P287,676.98	-
	19(d) -do- (CAS BUILDERS CONST. " )	P466,401.50			P403,049.40	-
	Total contract cost of contract V-B, Sub-proj. No. 19	P2,153,501.21		P2,061,542.73		-
I	20. Const. of Danao-Pasacao Rd., Sub-proj. No. 2, (CBT CONST.-original) (Narosa Enterprises)	P11,633,829.00			P7,037,454.26	-
I	21. Const. of Manguring Br.-Tinambac Sect., Contract II, Sub-proj. No. 3, (KAMAGONG BUILDERS original) (GOLD ROCK CONST.-New Continuation)	P15,695,239.00			P4,508,045.12	-
III	22. Const. of Iriom-Salvacion (Bato) Rd., Sub-proj. No. 12, (PHILCON BUILDERS-orig.) (HCCN ROCK CONST.-New Continuation)	P5,306,770.00			P2,059,904.02	-
II	23. Palistira-Sn. Antonio Minalabac Rd., Sub-proj. No. 6, (PROJECT WORKS CONST. INC.-orig.) (FRAGMATIC CONST.-New Continuation)	P4,499,908.00			P1,306,367.47	-
IV	24. Const. of Tandaay-Sn. Juan Bns. Contract II-B, Sub-proj. No. 11, (F.F. CRUZ ' CO., INC.)	P1,487,440.00		P1,487,440.00	P1,487,440.00	-
III	25. Const. of Topaz-Palsong-Bula Rd., Sub-proj. No. 3, (CAPITOL INDUSTRIAL CONST. GROUP INC.)	P11,567.160			P8,266,684.87	P563,273.33
	26. Const. of Tigman & Himuragat Bns. Contract 4, Sub-proj. No. 3, (A.B. AG INALDO CONST. CORP.)	P6,839,561.80			P200,800.00	P4,031,172.00
	TOTAL FOR CONSTRUCTION				P193,710,585.24	P4,641,254.02
	OVERALL TOTAL	P284,178,838.03			P231,529,743.69	P5,315,750.26

Annex B  
 Vol 444

Project  
 & Construction

REPORT PERIOD	TOTAL	FUND REQUIRED TO COMPLETE THE PROJECT										
		1976	1977	1978	1979	1980	1st	2nd	3rd	4th		
-	1,970.65											
-	8,079.16											
-	7,676.98											
-	3,049.40											
-	37,154.26						4,655,000.00	315,000.00				
-	8,08,045.12								2,080,000.00		4,785,000.00	
-	8,059,904.02										11,831,901.00	
-	1,306,367.47						1,063,430.00	1,063,430.00	1,063,430.00		1,063,430.00	
-	1,487,440.00											
P563,273.33	8,823,958.20						1,155,572.00	3,299,791.99	1,620,601.00		23,794.00	
P4,031,172.00	4,232,052.00						750,000.00	250,000.00	3,500,000.00		750,000.00	
P4,641,254.02	198,351,839.26						22,161,491.30	17,629,862.00	22,371,578.00		1,043,805.00	
P5,315,750.26	236,845,493.95						24,179,491.30	19,337,862.00	25,439,528.00		33,073,555.00	

SUBMITTED: P.O. ACCOUNTING SECTION

DATE SUBMITTED: Nov. 1, 1981

Bicol Secondary and Feeder Rds. Project  
FINANCIAL PLAN AND CASH FLOW

AS OF Oct. 31, 1981

PAGE	NAME & SUB-PROJECT NUMBER (Contractor)	CONTRACT COST			TOTAL PREVIOUS	REPORT
		ORIGINAL	REVISED	FINAL		
	<b>C. CONSTRUCTION SUPERVISION:</b>					
I	Techniks Planners Inc.	P4,877,262.00	P4,342,737.60 (req't'd ext. cost up to Oct./81)		P7,774,800.83	P389,759
II	Integrated Philconsult Inc.	P3,610,682.92	P2,662,898.95 (req't'd ext. cost)		P5,920,632.44	P128,470
I	DDCD Engineering Corp.	P4,640,850.00	P2,430,450.00 (req't'd ext. cost)		P6,660,777.78	(P491.61)
IV	Carteza Development Corp.	P5,780,105.00	P3,676,214.00 (req't'd ext. cost)		P8,083,178.60	P156,757
	TOTAL FOR CONSTRUCTION SUPERVISION	P18,908,899.92	P13,112,300.55 (req't'd ext. cost.)		P28,439,389.65	P674,496
	<b>D. CONSTRUCTION:</b>					
I	1. Const. of San Isidro-Libmanan Br. Sect., Contract I, Package I, R.L. Umali Const.	P14,062,106.60	P13,560,040.85		P13,881,499.36	-
II	2. Const. of Nabua-Tandaay Contract I, Sub-project No. 11, S.F. DACER CONST. INC.	P16,705,106.00		P15,159,660.94	P15,142,358.43	-
III	3. Const. of Naga-Carolina Rd., Sub-proj. No. 10, BAH CONSTRUCTION INC.	P11,148,640.00		P12,324,405.00	P12,314,404.90	-
III	4. Const. of Buhi-Lidong Sect., Sub-proj. No. 13-B (JFY Const. Inc. original) part of Sub-proj. No. I-B (above), continuation (LALS CONST. - New)	P10,647,071.50			P6,657,188.46	=
	5. Const. of Polangui-Lidong Sect., Sub-proj. No. 11, (William Uy Const.-orig.-Asphalting part of Sub-proj. No. 11 (above), continuation (LALS CONST.-New)	P14,435,364.00			P12,665,348.35	
	6. Const. of Libon-Nugpo Sect., Sub-proj. No. 11, (Dimson Mla. Inc.-original) V.F. EUSEBIO- New Continuation	P20,056,428.00			P14,701,092.45	
	7. Const. of Tandaay-San Juan Sect., Contract II Sub-proj. No. 11, (F.F. CRUZ & CO., INC.)	P17,278,244.00			P14,413,240.32	



SUBMITTED: PMO ACCOUNTING SECTION

DATE SUBMITTED: Nov. 5, 1981

Bicol Secondary and Feeder Roads Project  
 FINANCIAL PLAN AND CASH FLOW  
 For Detailed Engineering, Parcellary Survey & Construction  
 AS OF Oct. 31, 1981

ANNEX-B  
 Sht. 1 of 4

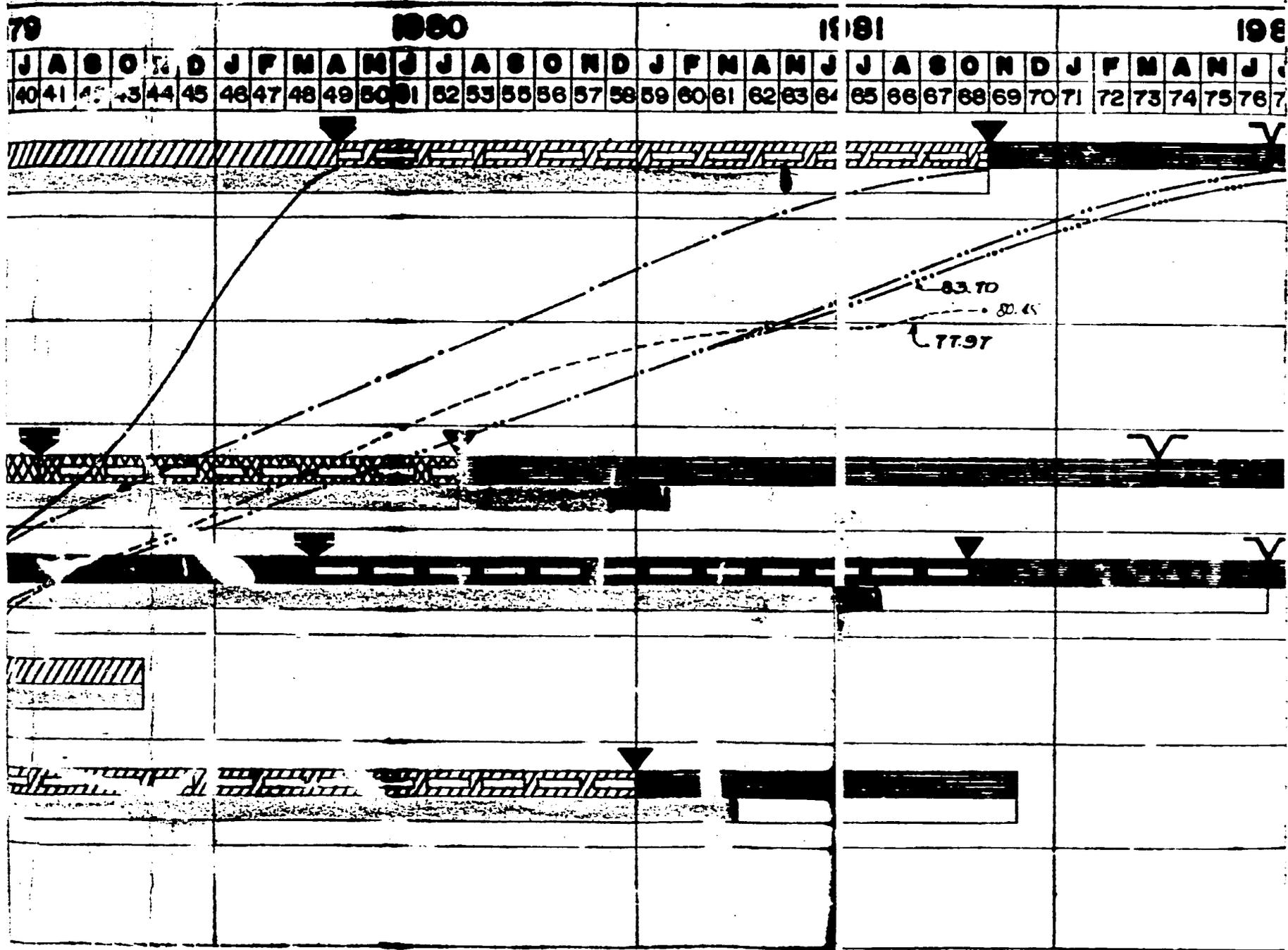
PACKAGE NO.	NAME AND SUB-PROJECT NUMBER	CONTRACT COST COMMITMENTS				FUNDS			
		ORIGINAL	REVISED SUPPLEMENTAL	PREVIOUS TOTAL	REPORT PERIOD	TOTAL	1976	QUARTERS	
								1	4
A.	DETAILED ENGINEERING:		P85,000.00						
A-I	Sub-project Nos. 1, 2 & 3. (Techniks Group Corp.)	P2,131,341.00	P2,219,341.00	P2,218,087.87		P2,218,087.87	2 3 4	P2,134,341.00 (Release)	
II	Sub-project Nos. 5, 10 & 6 (Techniks Group Corp.)	P1,481,410.00		P1,481,410.00		P1,481,410.00		P1,481,410.00	
III	Sub-project Nos. 7, 8, 12, & 13 (DCED ENGINEERING CORP.)	P1,955,405.00		P1,950,188.46		P1,950,188.46		P1,955,405.00 (Release)	
	Sub-project Nos. 11, 14 & 9 (CARRERA DEV. CORP.)	P2,361,592.00		P2,346,552.47		P2,346,552.47		P2,361,592.00 (Release)	
	TOTAL FOR DETAILED ENGINEERING	P7,932,748.00	P2,919,341.00	P7,996,238.00		P7,996,238.80		P7,932,748.00	
B.	PARCELLARY SURVEY & MAPPING OF ROAD-RIGHT-OF-WAYS								
II	Sub-project Nos. 1, 2, 3, 7, 8, 12, 13.	P703,500.00	(P1,037,030.00)						
IV	Part of all (GDT CONSULTING ENGINEERS)		P333,530.00	P1,037,030.00		P1,037,030.00			
	Sub-project Nos. 4, 5, 6, 10, 9, 14. & part of all (P. B. Alberto Surveying)	P346,500.00		P346,500.00		P346,500.00			
	TOTAL FOR PARCELLARY SURVEY & MAPPING	P10,500,000.00	P1,037,030.00 (P333,530.00)	P1,383,530.00		P1,383,530.00			



**JECTS**

Sept-28

EXPIRY  
~~October~~  
 (as appro  
 extn. re



pt- 25

EXPIRY DATE

~~October 28, 1982~~

(as approved of 2nd  
extn. request)

# ANNEX-"J"

as of October 31, 1981

## NOTE:

### I MAINTENANCE TRAINING SCHEDULES (1&2) CONSIST OF THE FOLLOWING ACTIVITIES:

(1) Organization of maint. Sect. in PNO, inventory of roads, equipment & pool facilities, advertise @ Perfect Contract of trng. Consultants, arrival of Maint. trng. Consultant, & trng. of Trainers @ preparation of trng. materials.

(2) Trng. of participants from diff. offices by trainers @ maint. training Consultant, evaluation of trainers, refresher trng. @ final trng. evaluation.

### II ACQUISITION OF MAINT. EQUIPT. SCHED'LS. (1,2,3) CONSIST OF THE FF. ACTIVITIES:

(1) Advertise bid and evaluate maint. equipt.

(2) Award Equipt. Contract @ open Letter of Credit (L/C)

(3) Arrival @ distribution of maint. equipt.

III IN ESTIMATING THE % SCHED'LD. CURVE, the individual sched-ules for construction of respective Contractors as reported by concerned Consultants are the ones considered no longer as per implementation @ evaluation plans we used in our previous reports.

### IV THE SCHED'LS. FOR CONST. PNO OVERHEAD, RROW ACQUISITION, ACQUISITION OF MAINT. EQUIPT. WERE THE ONLY ONES REVISED (EXTENDED PER THIS REVISION)

#### LEGEND:

#### SCHEDULED OR PROGRAMMED:



Per Contract



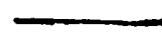
Per Implementation and Evaluation Plan (1st revision)



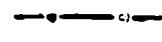
PMO Sched'l. Per 1st. Revision



PMO Sched'l. Per This Revision (3rd revision)



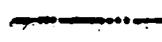
Original Sched'ld. Curve



Revised Sched'ld. Curve (1st revision)



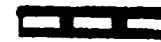
Revised Sched'ld. Curve (2nd and this revision)



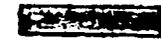
Revised Sched'ld. Curve (3rd, and this revision)



Accomplished Sched'ld. Curve



Extension per 1st Revision



Previous (blue)



This report (red)



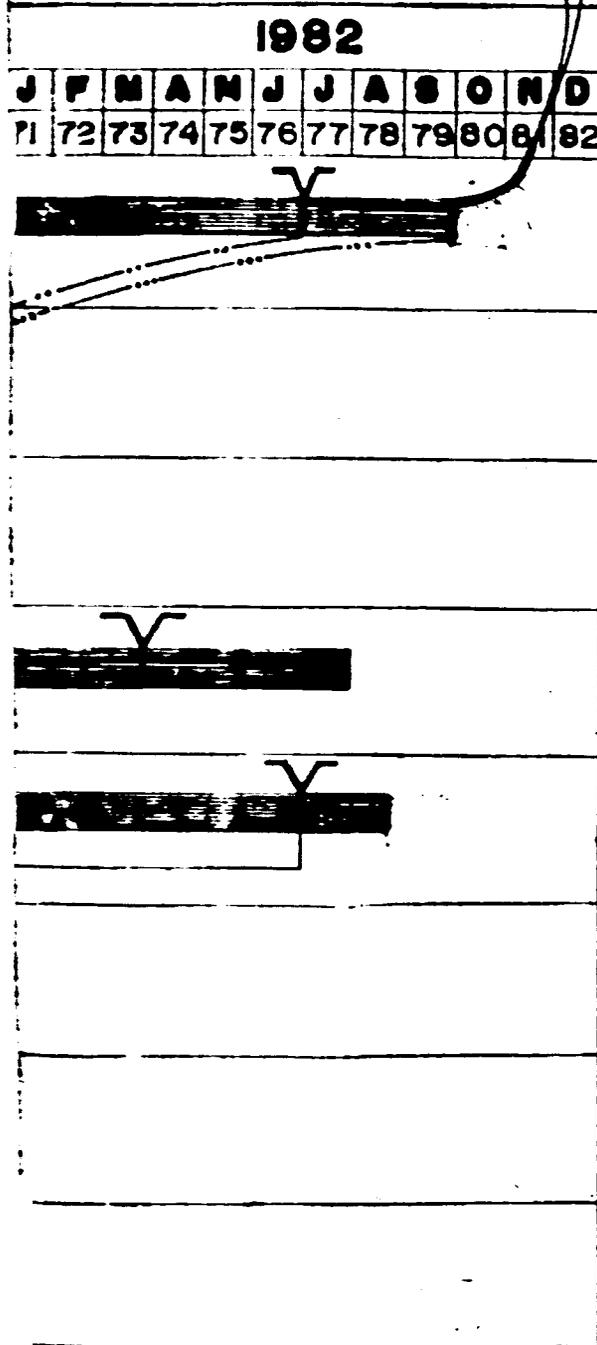
Original Target Date



1st Revision's Target Date



2nd Revision's Target Date





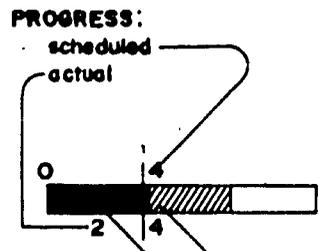




**CONTRACTOR:** 5th ENGINEER BRIGADE, AFP  
**BIDDING DATE:** NEGOTIATED CONTRACT  
**OFFICIAL STARTING DATE:** JULY 25, 1981  
**ORIGINAL COMPLETION DATE:**  
**APPROVED REVISED COMPLETION DATE:**  
**PROBABLE COMPLETION DATE:**

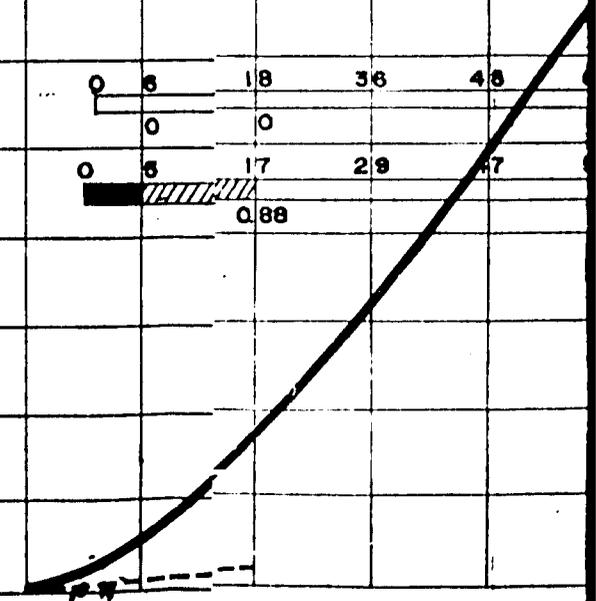
**BICOL. SECONDARY AND FEEDER  
 BICOL RIVER BASIN DEVELOPMENT  
 PACKAGE  
 SUB-PROJECT NO. 11, CONTRACT IV,  
 PROGRAM OF WORK AND P**

ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE	1981				
				0	30	60	90	120
1 GENERAL	3.31	64.14	2.123	0	80	100	49.31	
2 EARTHWORK	56.24	0	0	0	5	15	30	50
3 AGGREGATE SUBBASE	28.05	0	0	0	0	12	28	44
4 SURFACE COURSE & PAVEMENT	0							
5 STRUCTURES	7.58	0	0	0	5	18	36	48
6 INCIDENTAL CONSTRUCTION	6.82	10.70	0.729	0	5	17	28	47
<b>TOTAL</b>	<b>100</b>		<b>2.852</b>					



<b>ACTUAL</b>	2.852
<b>SCHEDULED</b>	17.40

**LEGEND:**  
 ——— scheduled  
 - - - actual



**FEEDER ROADS PROJECT  
DEVELOPMENT PROGRAM  
GE 4**

IV. NUGPO - SAN JUAN SECTION  
**ID PROGRESS CHART**

MONTHLY PROGRESS MONITORING REPORT AS OF: *OCT. 31, 1981*

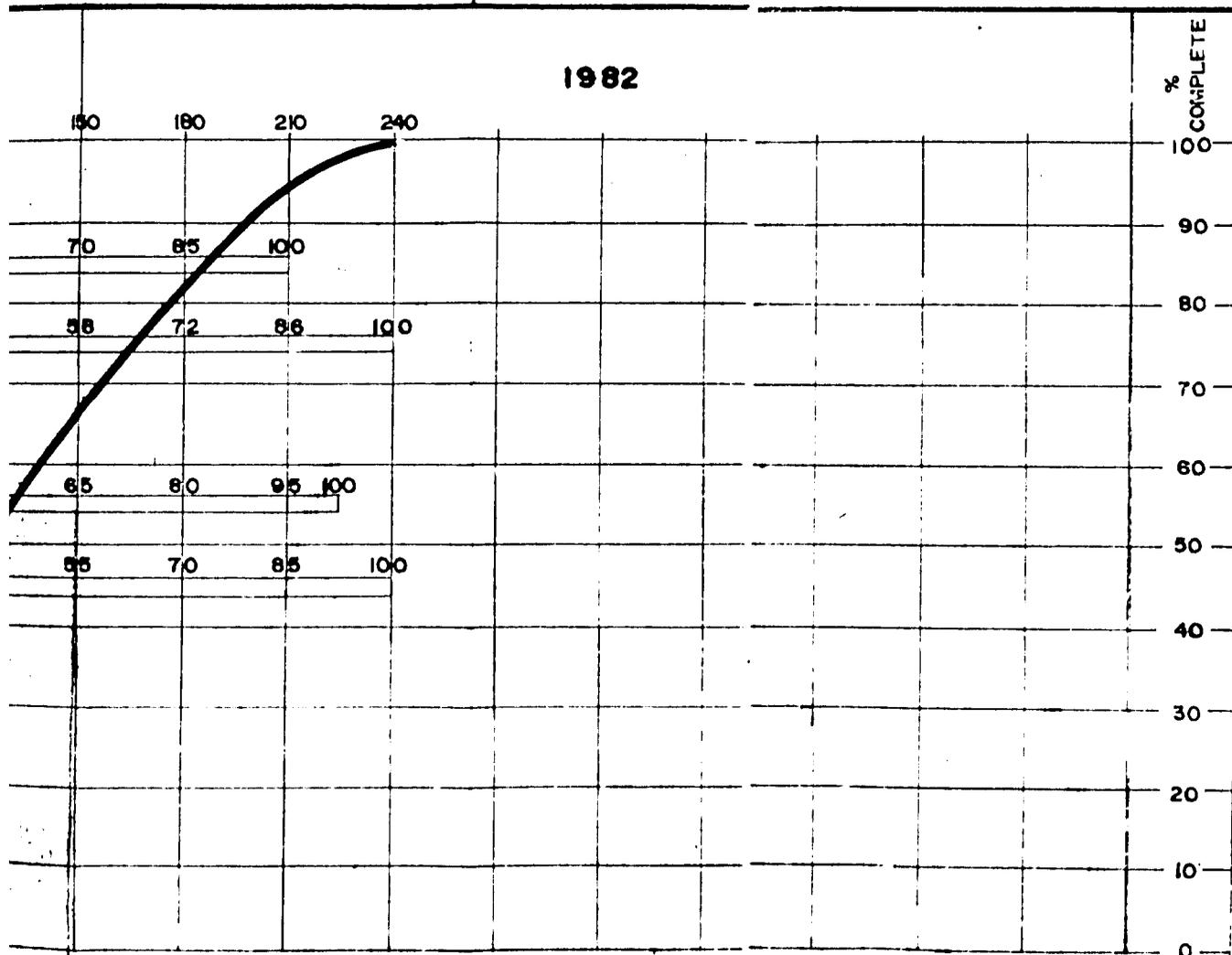
PREPARED BY: PMO, MONITORING SECTION

BASED FROM: GERTEZA DEVELOPMENT CORPORATION

NET CONTRACT BID AMOUNT: ₱ 8,752,700.00

APPROVED REVISED CONTRACT AMOUNT

CURRENT ESTIMATED FINAL COST:



**ANNEX I-6**

STATUS REPORT  
AS OF OCT. 31, 1981

ANNEX-I-B  
Sht. 1 of 4

PROJECT TITLE COMPONENTS	ESTIMATED QUANTITIES	STATUS			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
<p>1. <u>Bicol Secondary and Feeder Rds. Project Component:</u></p> <p>PACKAGE I :</p> <p>San Isidro-Libmanan Br. Sect., Contract II, Sub-proj. No. 1.</p>	<p>PCCP 5 kms. Gravel 10.012 kms. <u>BRIDGES:</u> RCDG 20.60 IM. Pre-stressed 146.33 IM. Timber Trestle 120.36 IM.</p>		X		100%
<p>2. Libmanan-Cabusao Sect. Contract II, Sub-proj. No. 2</p>	<p>PCCP 9.335 Kms. Gravel 9.27 kms. RCDG 23.20 IM.</p>			<p>Contract terminated 11/24/80 Rebidded May 7/81, Awarded 5/13/81 to R.L. Umali Const. for P 8,471,495.28</p>	63.00%
<p>3. Danao - Pasacao Rd., Sub-proj. No. 2.</p>	<p>PCCP 8.12 Kms. Gravel 14.89 kms. <u>BRIDGES:</u> RCDG 28.60 IM. Tb. Trestle 84.00 IM.</p>			<p>Contract terminated 3/2/81; Rebidded May 7/81. Awarded to Marosa Const.</p>	58.29% (As finally corrected)
<p>4. Calabanga - Manguring Br. Sect., Contract I, Sub-proj. No. 3.</p>	<p>PCCP 10.33 kms. Gravel 18.22 kms. <u>BRIDGES - NONE</u></p>			<p>Contract terminated 11/24/80 Rebidded May 7/81 Awarded to Pragmatic Const.</p>	69.33%
<p>5. Manguring Bridge-Tinambac Sect., Sub-proj. No. 3. Contract II.</p>	<p>PCCP 14.87 kms. Gravel 6.90 kms.</p>			<p>Contract terminated 11/24/80 Rebidded May 7/81, Awarded to Gold Rock Const.</p>	42.81%
<p>6. Calabanga-Tinambac Rd. (Bridges) Sect., Contract III, Sub-proj. No. 3.</p>	<p><u>BRIDGES:</u> RCDG 153.20 IM.</p>			<p>Contract terminated continued by new contractor.</p>	100%
<p>7. Tiguan &amp; Himuragat Br. Contract IV, Sub-proj. No. 3.</p>	<p><u>BRIDGES:</u> Tiguan 44.74 IM. Himuragat 71.06 IM. 14.78 IM. Pre-stressed concrete Girder</p>		X		66.93%

STATUS REPORT  
AS OF OCT. 31, 1981

ANNEX-I-B  
Sht. 2 of 4

PROJECT TITLE COMPONENT	ESTIMATED QUANTITIES	S T A T U S			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
8. <u>PACKAGE II:</u> Pili-Mataoc Rd., Sub-proj. No. 5.	DBST 9.14 kms. Gravel 12.62 <u>BRIDGES:</u> RCDG 10.60 LM. Timber Trestle 120.00 LM.			Contract terminated 7/8/81	93.12%
9. Naga-Carolina Rd., Sub-proj. No. 10.	DBST 12.48 kms. Gravel 6.14 kms. <u>BRIDGES:</u> RCDG 50.20 LM. Timber Trestle		X		100%
10. Minalabac-Artipolo Hubo Rd., Sub-proj. No. 4.	Secondary Rds. DBST 5.70 kms. Gravel 3.14 kms. Feeder Rds. Gravel 15.42	X			98.81%
11. Palistina-Sn Antonio Minalabac Rd., Sub- Project No. 6.	DBST 8.216 kms. Gravel 5.14 kms. <u>BRIDGES:</u> Timber Trestle 60.00 LM.	Terminated April 9/31 (Rebidded May 7/81) Awarded (6/1/81) South Motorist Enterprises.			32.41%
<u>PACKAGE III:</u> 12. Sto. Domingo-Bula Ombao Rd., Sect., Sub-proj. No. 7.	PCCP 5.750 kms. Gravel 20.492 kms. <u>BRIDGES:-</u> RCDG	X			100%
13. Polangui-Lidong Section 13-A.	Asphalt Concrete 12.50 Gravel 11.163 <u>BRIDGES:-</u> RCDG 105.00	Remaining work items  Rebidded May 7/81  Awarded (5/20/81) to LALS CONST.			100% if AC is deleted), If AC, not deleted it is only 82.8% complete.

STATUS REPORT  
AS OF OCT. 31, 1981

ANNEX-I-B  
Sht. 3 of 4

PROJECT TITLE/ COMPONENTS	ESTIMATED QUANTITIES	STATUS			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
14. Buhi-Lidong Sect., Sub-proj. No. 13-B	Asphalt concrete 8.64kms. Gravel 11.205 BRIDGES; RCDG	Remaining work items (Rebided on May 7/81) Awarded (5/20/81) to LALS CONST.			67.09%
15. Iriga-Salvacion Bato Sect., Sub-proj. No. 12.	BST 9.217 kms. Gravel 7.109 kms.		Contract terminated 11/24/80 Rebided Awarded (5/19/81) to Moon Rock Const.		61.68%
16. Bula-Palsong-Tupaz Rd., Sub-proj. No. 8.	BST 11.019 Gravel 8.569	X			86.73%
<u>PACKAGE IV:</u>					
17. Nabua-Tandaay Sect., Contract I, Sub-proj. No. 11.	FCCP 8.78 kms. Gravel 14.96kms.	X			100%
18. Tandaay-San Juan Sect., Contract II-A Sub-proj. No. 11.	FCCP 9.42 kms. Gravel 12.35kms.		X		100%
19. Tandaay-San Juan (Bridges) Section Contract II-B, Sub- proj. No. 11.	RCDG		X		100%
20. Nabua-San Agustin Rd., Contract VI-A, Sub-proj. No. 9.	DBST 2.00 kms.	Recommendation for termination still pending			91.11%
21. Nabua-San Agustin Rd., Contract VI-B, Sub- proj. No. 9.	Gravel 2.49kms.	Proposed for negotiated contract or by Force Account			82.22%

STATUS REPORT  
AS OF OCTOBER 31, 1981

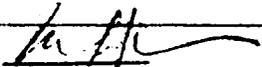
ANNEX-I-B  
Sht. 4 of 4

PROJECT TITLE/ COMPONENT	ESTIMATED QUANTITIES	S T A T U S			TOTAL % ACCOMPLISH- MENT
		ON-GOING	COMPLETED	NOT YET COMPLETED	
22. Nabua-Sn. Agustin Rd. Contract IV-C, Sub- proj. No. 9.	GRAVEL 5.70		X		100%
23. Libon - Nugpo Sect., Contract III, Sub- proj. No. 2.	PCCP 8.25 kms. Gravel 15.35kms.		Rebidded May 7/81 Awarded (5/13/81) to V.P.Eusebio Const.		74.40%
24. Polangui-Nasisi Sect., Contract V-A, Sub-proj. No. 14 (Rd.)	DBST 12.86 kms. Gravel 9.36 kms.		Rebidded May 7/81 Awarded (5/13/81) to William Uy Const.		41.60%
*25. Polangui-Nasisi Sect., Contract V-B, (Bridges) Sub-proj. No. 14.	RCDG 90.80 LM.		X		100%
26. San Juan-Nugpo Sect., Contract IV, Sub-proj. No. 11.	Gravel 38.04kms. RCDG 60.40 LM.		Contract ter- minated (2/10/81) to be continued by the 51st Eng'ng Brigade PA, encampment underway		70.91% (as finally corrected)
Total accomplishment of all 26 contract section under construction					79.19%

Republic of the Philippines  
Bicol River Basin Development Program  
San Jose, Pili, Camarines Sur  
Status of Foreign-Assisted Project  
AS OF

ANNEX-I-C  
Sht. 1 of 2

A.I.D LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

PROJECT COMPONENT	IMPLEMENTING SCHEDULE		L O A N			TOTAL PROJECT COST /%	EXPENDITURE TO DATE /P/\$	FOREIGN EXCHANGE UTILIZATION			ACCOMPLISHMENT TO DATE
	DATE STARTED	TARGET COMPLETION	SOURCE	NUMBER	AMT.			TOTAL AMT. APPROVED BY LENDER	DIRECT PAYMENT BY LENDER	TOTAL PAYMENT BY LENDER	
(1) First Component involves the rehabilitation of 190.557 kms. Secondary roads, construction of 240.94 kms. of tertiary for Feeder Rds. and improvement and construction of 1,721.55 meters of permanent bridges (1182.03 m. concrete +538.72 m. timber trestle), sub-divided into 14-sub-projects.	July 1, 1976	April 28, 1980) orig. October 28, 1981 (1st revision June 28, 1982) (as approved)	A.I.D.	492-T 041	\$10 Million	\$10 Million	P385,000 Million (As of June 30, 1981)	P255,714,597.00 (Total Amt. received) P255,682,165.95 (Total expenditure to date includes unliquidated contract)	\$10 Million	\$6.85 Million For: (Detailed Eng'ng.) b) Const. supervision Services c) Direct Const. Cost.	P18,154,909.00 80.45 Overall Accomplish
PROBLEMS/DELAYS ENCOUNTERED:	( SEE SHEET 2 of 2 )						*Detailed Eng'ng.- Const. Costs: Libmanan Br. San Isidro Sect. -			P3,966,375.00	
REASON FOR DELAY	- do -						Naga Carolina Rd Tandaay-San Juan Sect. - Nabua-Tandaay & Polangui - Nasisi Brs.			2,034,549.00 4,265,275.00 2,720,794.00	
REMEDIAL MEASURES TAKEN/RECOMMENDATIONS:	- do -						Reimb. per Amt. 4 of FARA (Additional Reimb.) - - Sto. Domingo & San Juan Nugpo Sects. - - - - - Calabanga-Tinambac Bridges - -			667,727.00 4,178,339.00 321,850.00	
								T O T A L - - - - -		P18,154,909.00	
CERTIFIED CORRECT:	VIVENCIO L. PANGANIBAN PRINTED					 SIGNATURE		Chief, Monitoring Section DESIGNATION		PMO AGENCY	

Republic of the Philippines  
 Bicol River Basin Development Program  
 San Jose, Pili, Camarines Sur  
 Status of Foreign-Assisted Project  
 AS OF OCTOBER 31, 1981

ANNEX-I-C  
 Sht. 2 of 2

A.I.D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

PROJECT COMPONENT	IMPLEMENTING SCHEDULE		L O A N			TOTAL	EXPENDITURE	FOREIGN EXCHANGE UTILIZATION			ACCOMPLISH- MENT TO DATE
	DATE STARTED	COMPLETION	SOURCE	NUMBER	AMT.	PROJECT COST P/\$	TO DATE P/\$	TOTAL AMT. APPROVED BY LENDER	DIRECT PAY- MENT BY LENDER	TOTAL PAY- MENT BY LENDER	
(b) Second Component will provide maintenance equipment in the amount of \$ 3 million and US Consultant Contract Service Cost of \$150,000.00 (actual cost of \$190,000.00 +207,140.00 peso Counter part) to strenhten the capability of Camarines Sur and Albay Provincial Engineer's Offices and the City Engineering Offices, of Naga & Iriga in Rd. Maintenance.				( SEE SHEET		1	OF 2 )				

DELAYS/DELAYS ENCOUNTERED: (a) Non-construction operation yet on the ff. contract sections that were terminated or recommended for termination, namely:  
 1. Pili-Mataoc Rd. (Terminated July 8, 1981); 2. Contract VI-B, Nabua-Sn. Agustin Rd. (Terminated March 17, 1981); 3. Contract VI-A, Nabua-San Agustin Rd. (Recommended for termination since Feb. 1981).

REASONS FOR DELAY: (b) Bad weather condition, lack of needed equipment, frequent breakdowns of equipment on field, and shortage of construction materials, on going, and on some terminated contract, sects. but work has resumed under new contract.

REMEDIAL MEASURES TAKEN/RECOMMENDATIONS: As to problem (a) Pili-Mataoc Rd., - Per latest information, the negotiated contract documents for this project were already forwarded to the office of the President for approval; thus it is expected that actual work on the remaining items will soon follow. Contract VI-B, Nabua-San Agustin Rd.- proposed for Force Account by the Provincial Engineer's Office of Camarines Sur. Remaining work, which is only 17.78% of the project is projected to be completed in January 1982. Contract VI-A, Nabua-San Agustin Rd.- awaiting for action of authorities concerned on the recommendation for termination of the project. The remaining work is only 8.89%, for this project is already 91.11% complete. (b) Concerned contractors were advised of their respective problems or deficiencies to institute remedial measures accordingly.

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
 PRINTED NAME

SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

RMO  
 AGENCY

BICOL RIVER BASIN DEVELOPMENT PROGRAM  
 SAN JOSE, PILI, CAMARINES SUR  
 STATUS REPORT ON ORGANIZATIONAL FORCE

ANNEX-I-D  
 Srt. 1 of 4

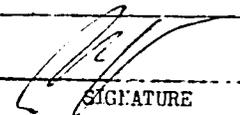
AS OF OCTOBER 31, 1981

A.I.D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

IMPLEMENTING AGENCY: Ministry of Public Highways

CENTRAL OFFICE REG'L OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	PRIVATE (CONTRACTOR'S CONSULTANT EMPLOYEES)		DETAILED GOV'T LINE AGENCY							
		TECH- NICAL	NON TECH- NICAL				MANILA BASED/ LOCAL HIRED/ SUB-CONTRACTOR		PROFESSIONAL		DESIGNATION	AGENCY	FULL	PART	DURATION	
							TECH- NICAL	NON TECH- NICAL	SKILLED	NON SKILLED						
MH, Manila	Office of Minister	3	3	-	-	Pragmatic Dev. Corp.	Manila Based	2	2	16	4	Prj. Coordnr.	MH		X	To complete the proj.
						-do-	Local Hired	1	1	20	40					
MH, Reg. V	Prj. Director	1			2	Gold Rock Const. & Dev. Corp.	Manila Based	3	1	15	0	Staff C.E.			X	
MO	Prj. Manager	1	1			-do-	Local Hired	4	5	22	19	Actg. Clerk				
-do-	Monitoring Section	1		5	2	-do-						Prj. Director	MH		X	-do-
-do-	Rd. Equipt. Maint. Tr.	2			1	Marosa Enterprises	Manila Based	0	0	0	0	Prj. Manager	MH	X	X	-do-
-do-	Adm. Div.	1			1	-do-	Local Hired	4	0	4	15					
						A-B. AGUI- NALDO Const. Corp.	Manila Based	3	2	2	0					
						-do-	Local Hired	3	4	17	13					
TOTAL		9	4	5	6			20	15	96	91					
REMARKS:																

CERTIFIED CORRECT: VIVENCIO L. PANGANIBAN  
 PRINTED NAME

  
 SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

R10  
 AGENCY

BICOL RIVER BASIN DEVELOPMENT PROGRAM  
SAN JOSE, PILI, CAMARINES SUR  
STATUS REPORT ON ORGANIZATIONAL FORCE  
AS OF OCTOBER 31, 1981

ANNEX-I-D  
Sht. 2 of 4

A-I-D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Project Component

IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES

PRIVATE (CONTRACTOR'S EMPLOYEES)

DETAILED GOVT. LINE AGENCY

CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL TIME	PART TIME	DURATION	
		TECH- NICAL	NON TECH NICAL					TECH NICAL	NON TECH NICAL								
BIC	Actg. & Finance Section			7		R.L.Umali Const.Corp.	Manila Based	1	2	4	0	Prj.Coordnr.	MPH		X	To com- plete the proj.	
-do-	RROW SECT.			9		-do- Techniks Group Corp.	Local Hired Manila Based Local Hired	0	0	4	11	0	0	Liason Officer	MPH	X	
-do-	Engr. & Design Section	4	3	3		-do- William Uy Const.Corp.	Manila Based Local Hired	1	1	16	0	0	5	Staff C.E. Asst.Clerk		X	-do- -do-
	Quality (Lab)	1				-do- Certeza Dev.Corp.	Manila Based Local Hired	5	3	21	11	0	11	Prj.Director Prj.Manager	MPH	X	-do- -do-
-do-	Control Section							10	4	1	0	0	Staff C.E.	MPH	X		
-do-	Const.Div.	1	1					5	5	4	2						
TOTAL:	Quality Const.	3	3	6				50	21	50	29						

REMARKS:

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
PRINTED NAME

  
SIGNATURE

Chief, Monitoring Section  
DESIGNATION

BMO  
AGENCY

BICOL BEVER BASIN DEVELOPMENT PROGRAM  
 SAN JOSE, PILI, CAMARINES SUR  
 STATUS REPORT ON ORGANIZATIONAL FORCE

AS OF OCTOBER 31, 1981

ANNEX-I-D  
 Sht. 3 of 4

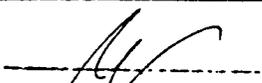
I.D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Proj. Component

IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES				PRIVATE (CONTRACTOR'S/CONSULTANT EMPLOYEES)				DETAILED GOV'T LINE AGENCY							
CENTRAL OFFICE	DIVISION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED/ LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	FUEL TIME	PART TIME	DURATION
REGIONAL OFFICE		SECTION	TECH NICAL					NON TECH NICAL	TECH NICAL						
FIELD OFFICE															
						Capitol Ind'l Const. Corp.	Manila Based	11	5	17	0				
						-do-	Sub-contractor	3	18	43	83				
						Moon Rock Const.	Manila Based	0	0	0	0				
						-do-	Sub-contractor	11	9	55	63				
	( Sec Sheet 1 to 2 )					LALS CONST.	Manila Based	1	0	0	0	( See Sheet 1 to 2 )			
						-do-	Sub-contractor	5	12	33	76				
						DCCD Eng'g Corp.	Manila Based	7	3	1	1				
						-do-	Local Hired	3	1	7	0				
TOTAL:								41	39	136	223				
REMARKS:															

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
 PRINTED NAME

  
 SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

PMO  
 AGENCY

BICOL RIVER BASIN DEVELOPMENT PROGRAM  
 SAN JOSE, PILI, CAMARINES SUR  
 STATUS REPORT ON ORGANIZATIONAL FORCE

AS OF OCTOBER 31, 1981

ANNEX-I-D  
 Sht. 4 of 4

A.I.D. LOAN NO. 492-T-041 PROJECT NO. AND TITLE: Bicol Secondary and Feeder Rds. Proj. Component

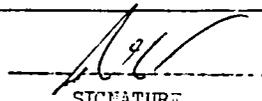
IMPLEMENTING AGENCY: Ministry of Public Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES						PRIVATE (CONTRACTOR'S/CONSULTANT EMPLOYEES)				DETAILED GOV'T LINE AGENCY					
CENTRAL OFFICE	DIVISION SECTION	PROFESSIONAL		SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED/ LOCAL HIRED/ SUB-CONTRACTOR	PROFESSIONAL		SKILLED	NON SKILLED	DESIGNATION	FULL TIME	PART TIME	DURATION
REGIONAL OFFICE		TECH NICAL	NON TECH NICAL					TECH NICAL	NON TECH NICAL						
FIELD OFFICE															
						Polytrade Const.	Manila Based Local Hired	2 5	2 9	4 26	0 13				
						-do-									
						Genaro Reyes Const.	Manila Based Local Hired	10 2	0 0	10 0	3 17				
						-do-									
	( Sec Sheet 1 to 2 )					South Motorist Enterprises	Manila Based Local Hired	5 2	1 0	16 5	7 22	( Sec Sheet 1 to 2 )			
						-do-									
						Integrated Philconsult	Manila Based Local Hired	4 0	0 5	0 17	0 8				
						-do-									
TOTAL:								30	17	82	70				
								141	92	354	413				

REMARKS:

CERTIFIED CORRECT:

VIVENCIO L. PANGANIBAN  
 PRINTED NAME

  
 SIGNATURE

Chief, Monitoring Section  
 DESIGNATION

RIO  
 AGENCY

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF OCT. 31, 1981

ANNEX-"D"  
( Sht. 1 of 3 )

Package Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
1.	San Isidro-Libmanan Br. Sect., Cont. I, Sub-project 1, Package I. Secondary ----- 5.145 kms. Feeder Rds.: (Nat'l) FR. 101, Bahay-Busak Rd. --- 1.679 kms. FR. 102, Mandacanan-Bagadion-San Vicenter Rd. ----- 8.333 kms. <u>BRIDGES:</u> 10.012 kms. Libmanan Br. ----- 146.33 Ln, M. Hugis Br. ----- 20.60 " Timber Trestle (at FR. 102) at sta. 3+623.645 --- 47.19 " sta. 6+425 (Danaonan Creek) - 48.78 " sta. 7+595.195 ----- 24.39 "	R.L. UMALI CONSTRUCTION CORP.	P14,062,106.60 (orig.) P3,560,040.85 (Revised)	January 8, 1978	April 6, 1979 (orig.) April 14, 1979 (Revised)	Secondary-PCCP Feeder Rds.- Gravel (Item 108) Libmanan Br. Pre-stressed Hugis Br. RCDG Br. at FR-102 Timber trestle Bridges.	TECHNIKS PLANNERS, INC. (Before) TECHNIKS GROUP CORP.
2.	Libmanan Br.-Cabuso Sect., Cont. II, Sub-proj. No. I, Package I. Secondary Rd. ----- 9.385 kms. Feeder Rds.: FR. 103-Ruro Batya-Uson --- 4.245 " FR. 104-Libmanan-Barcelonita - 5.025 " <u>Bridges:</u> Total - 9.270 " Botilla Br. ----- 15.60 Ln, Lm. Ruro-Batya Br. ----- 7.60 Lb, Lm.	R.L. UMALI CONSTRUCTION CORP. (Orig.) -do- For Continuation)	P12,554,412.60 (Orig.) P8,471,495.28 (For Continuation)	Sept. 18, 1978	Dec. 19, 1979 (300 Days)	Secondary-PCCP Feeder Rds. Gravel (Item 108) Bridges-RCDG (For Continuation)	TECHNIKS PLANNERS, INC. (Before) TECHNIKS GROUP CORP. -do-
3.	Calabanga-Manguiring Br. Sect. Contract I, Sub-project No. 3, Package I. Secondary Rd. ----- 9.82 Kms Feeder Rds.: Labog Binanuanan ----- 12.92 kms. Manguiring Camuning ----- 5.30 " 16.22 " (Changed to Calabanga-Sibobo Sect.) Length - Secondary - - - 11.483 kms. (PCCP) Feeder Rds.: (Same)	KAMACNG BUILDERS & DEVELOPERS CORP. (Orig.) FRAGMATIC CONST. (current)	P8,788,666.50 (Orig.) P14,812,772.40 (Continuation)	(Notice to proceed issued Jan. 26, 1979) (At Contractor's risk - 12-178) Feb. 5, 1979 (Official start) Aug. 1, 1981	August 7, 1980 (390 Days)	Secondary-PCCP (as designed) Feeder Rds.- Gravel (Item 103) Note: Per orig. contract, Secondary Sect., is Asphalt (RST). Changed to PCCP (current)	TECHNIKS PLANNERS, INC. (Before) TECHNIKS GROUP CORP. -do-

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION

AS OF Oct 31, 1981

ANNEX-"D"  
(Sht. 2 of 8)

Pact. No.	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
4.	Calabanga-Tinambac Br. Sect., Contract III Sub-proj. No. 3, Package I. BRIDGES: Manguring Br. Km. 9+919.58-30.60 LM. Cut 12 Br. Km. 16+403.35 - 24.60 " Tumulus Br. Km. 19+250.70 - 15.60 " Tigubb Br. km. 19+311 - 12.60 " Kawayan Br. km. +124.40 - 26.60 " Habo Br. km. 21+003.58 - 15.60 " Total - - - 151.20 LM.	A.L. SARMIENTO CONSTRUCTION INC. (Orig.) William Uy Const. (Current, continuing)	P2,145,096.20 (orig.) P1,356,572.48 (For continuation)	Feb. 15, 1979 (Orig.) Continuation started 3/21/81	To be completed within 549 Calendar Days (Orig.) Continuation to be completed for 120 Calendar days.	BRIDGES -RCDG	TECHNIKS PLANNERS, INC.
5.	Manguring Br.-Tinambac Sect., Contract II, (Orig) Sub-proj. No. 3, Package I. Secondary Rd. - - - - - (orig.) 14.76 kms. Feeder Rd. No. 303-Habo-Balao - 5.90 " Sibobo-Tinambac Sect.-Secondary - 13.097 "(DBST) (Formerly Manguring Br.-Tinambac Sect.)	KAHAGONG BUILDERS DEVELOPERS GOL ROCK CONST. (orig.) (current)	P15,965,239.00 (orig.) P10,534,295.46 (current)	March 12, 1979 Aug. 1, 1981	within 549 (orig) Calendar Days w/in 366 C.D. Aug. 1, 1982	Secondary Rd. FCCP (orig.) Feeder Rd.-Gravel	TECHNIKS PLANNERS, INC. -do-
6.	Danao-Pasacao Rd. Sub-proj. No. 2, Package I, Secondary Road - - - - - 8.812 kms. Feeder Rds.: FR. 20 Itolan-Bahay Coco-4.50 " FR. 202-Pasacao-Caranan-Macad 8.588 " FR. 2-2 Pasacao-Port Rd. - - - 1.796 " BRIDGES: Total - - - -14.886 " Odico. Br. 28.6 M-RCDG Timber Trestle on concrete pile bents 84.0M.	CBT CONSTRUCTION (Orig.) EQUIPMENT CORP (orig.) MAROSA ENTERPRISES (Current)	P11,633,828.00 (orig.) P11,635,128.50 (Rev.) P10,531,802.60 (current)	May 18, 1979 (Notice to proceed May 8, 1979) (orig.) Sept. 2, 1981 (current)	within 518 days (Oct. 16, 1980) (orig.) w/in 355 C.D. Aug. 22, 1982 (current)	Secondary-FCCP (Item 316) FCCP thick Feeder Rd.-Gravel-Item 108 -do-	TECHNIKS PLANNERS, INC. -do-
7.	Tigman & Himuragat Bridges, Contract IV, Sub-proj. No. 3. BRIDGES only - Pre-stressed conc. Girder on steel H-piles Tigman Br. - 44.740 LM. Himuragat Br. 70.048 LM.	A.D. AGUINALDO CONST., INC.	P6,899,561.80	March 30, 1981	To be completed for 240 Calendar days.	Bridge-Pre-stressed conc. Girder on steel-H-piles	TECHNIKS PLANNERS, INC.
8.	Naga-Carolina Rd., Sub-proj. No. 10, Package II, Secondary Rd. - - - - - 13.48 Kms. Feeder Rds.: San Isidro-Facal Nursery - - - -2.105 " 2. San Isidro-Cerarayan - - - -4.035 " 6.140 kms. BRIDGES: Balatan Br. - 39.60 LM. Cararayan Br. 10.60 " 50.20 LM.	BALM CONST. CO., INC.	P11,148,640.00 (orig.) P11,115,290.65 (Rev.) P12,324,405.00 (Final)	July 15, 1978	Nov. 23, 1979 (Jan. 24, 1980) (Revised)	Secondary-DBST (Item 314) Feeder Rd.-Gravel (Item 108) Bridges-RCDG	INTEGRATED PHILCONSULT INC.

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF Oct. 31, 1980 - Y

ANNEX-"D"  
(Sht. 3 of 8)

Pack No.	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
9.	Pili-Mataoroc Rd., Sub-proj. No. 5, Package I Secondary-(Pili-Mataoroc) - - - - 9.14 Kms. FR 501-Mataoroc-Manapao-Baliwag - 7.11 " FR 502-Sagrada-San Agustin - - - - 2.04 " FR 503-Manapao-Malitbog - - - - 1.51 " FR 504-San Jose-San Ramon - - - - 1.96 "	A.B. AGUINALDO CONSTRUCTION INC.	P15,377,382.00 (orig.)	Aug. 1, 1978 (Actual start- ing date)	Jan. 23, 1980 (orig.) May 10, 1980 (Rev.)	Secondary-DBST Feeder Rd.-Gravel (Item 108) Bridge-RCDG	INTEGRATED PHILCONSULT INC.
	BRIDGES: - - - - - Total - - - - 12.62 kms. - - - - - 9.50 LM (RSDG) - - - - - 174.00 LM. TR. TE.		P15,340,982.00 (Rev.)				
10.	Minalabac-Antipolo-Hubo Rd., Sub-proj. No. 4, Package II. Secondary Rd. - - - - - 8.041 Kms. 5.70 - DBST Feeder Rds.: 3.14 - Gravel FR 401-Antipolo-Lupi-San Fernando - - 5.14 kms. FR 402-Hubo-Baliwag - - - - - 2.20 " FR 402-Hubo-Bagolatao - - - - - 7.664 "	POLYTRADE CONSTRUCTION INC.,	P12,147,699.10 (Orig.)	Feb. 7, 1979	Aug. 7, 1980	Secondary-Asphalt (5.70 kms.) 3.14 kms.-Gravel (Item 108) Feeder Rds.-Gravel (Item 108)	INTEGRATED PHILCONSULT INC.
	BRIDGES: RCDG - 37.20 LM. TE-TE. Total - - - - - 15.425 kms.		P14,443,254.20 (Rev.)				
11.	Palustina-San Antonio-Minalabac Rd. Secondary Rd. - - - - - 8.2168 Kms. Feeder Rds. - - - - - Maydago-Taririk Malitbog-Baras BRIDGES: FR. 60-5,1474 Malitbog Br. - - - - - 30.60 LM.M. Taririk Br. - - - - - 42.00 LM.M. Baras Br. - - - - - 18.00 LM.M. (Continuation)	PROJECT WORKS CONTRACTORS INC. (Orig.)  SOUTH MOTORIST ENTERPRISES (current)	P14,499,908.00	Nov. 12, 1979 (Notice to pro- ceed dated Nov. 21, 1979)	To be completed within 548 days. " "	A-C (BST) RCDG Timber Trestle " "	INTEGRATED PHILCONSULT INC.  -do-
			P8,439,585.80 (current)				
12.	Sto. Domingo-Bala-Ombao Rd. Sub-proj. No. 7, Package III. Secondary Rd. - - - - - 9.087 Kms. FR. 7A (Sto. Domingo-Causip Rd.) - 0.475 " FR 7B (Causip Rd.) - - - - - 1.120 " FR. 7C (Camon Stp. Domingo) - - - 5.225 " FR. 7D (Sto. Domingo-Lirag San Ramon) - - - - 7.103 " FR. 7 E (San Ramon-Ombao - - - - 3.231 " Total - - - - - 17.154 kms. Polnog Br. - - - - - 27.0 LM.M.	V.P. EUSEBIO CONSTRUCTION INC.	P11,448,673.00 (G.E as approved by the office of the President)	Sept. 18, 1978	March 10, 1980	Secondary 5.75 FCCP 3.33 Gravel	DCCD ENGINEERING CORP.
			P11,887,775.20 (approved by the GAG)				

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION

AS OF OCT. 31, 1981

ANNEX-D  
Sht. 4 of 8

No.	Name of Sections Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
13.	Polangui-Lidong Sect., Sub-proj. No. 13-A Secondary Rd. - - - - - 12.50 kms. FR A (Sapang Paray-Magurang) - 1.003 " FR B (Genres-Sta Cruz) - - - - - 1.500 " FR C (Itaran-Balaba) - - - - - 5.761 " FR D (Lidong-Danao) - - - - - 2.869 " <u>11.163 kms.</u>  BRIDGES: 1. Pintor Br. - - - - - 18. Ln.m. 2. Itaran Br. - - - - - 18. Ln.m. 3. Pinaglabanan Br. - - - - - 18. Ln.m. 4. Mainaga Br. - - - - - 18 " 5. Anapol Br. - - - - - 18 " 6. Amogds Br. - - - - - 15. " 7. Genres-Sta Cruz - 6.0 wide double 4.0 x 3.5 m. 8. Itaran-Balaba - 6.0 m wide single 4.0 x 2.5 m.	WILLIAM UY CONSTRUCTION (Orig.)  (NOTE: Terminated from orig. contractor, and the continuation of remaining items (DBST) is included in the remaining items of Buhi-Lidong Sect., Sub-project No. 13-B, to from the new contract sect., -(Buhi-Lidong-Polangui Sect.) under the new contractor (LALS Const.). The contract amount of P6,135,119.66 already includes the continuation of works items of said Buhi-Lidong Section.	P14,435,364.00	July 15, 1978	Jan. 5, 1980	Secondary-Asphalt Feeder Rds. Gravel (Item 108)  Bridges-: RCDG-(1-6) RCBC_(7-8)	DCCD ENGINEERING CORPORATION
		LALS CONST. (current)	P6,135,119.66	Aug. 11, 1981	(210 days)		
14.	Buhi-Lidong Sect., Sub-proj. No. 13-B, Package III. Secondary Rd. - - - - - 8.86 Kms. Feeder Rds.: 1. San Vicente-Cagmaslog - - 2,929 " 2. San Antonio-San Vicente - 3,180 " 3. San Vicente-Maccangay - - 5,106 " <u>11,205 kms.</u>  BRIDGES: 1. Batang Br. - - - - - 36.00 Ln.m. 2. Lalle Br. - - - - - 36.00 " 3. Abaga Br. - - - - - 18.00 " 4. Br. at stas. 13+074 & 13+483, 2-8.0 m. wide single 4 x 3 m. 5. Br. at sta. 13+470 & 10+91, 5,-8.0m. wide double 4.0 x 3.5 m.	JPY CONSTRUCTION COMPANY INC.  (NOTE: Terminated from orig. contractor, and the continuation of the remaining items is included to the continuation of the remaining item of Polangui-Lidong Sect., Sub-proj. No. 13-A, (above), to from the new sect. (Buhi-Lidong-Polangui Sect.), under same contractor (LALS Const.)	P10,647,071	50 July 15, 1978	Jan. 5, 1980	Secondary-Asphalt Concrete Feeder Rds. Gravel (Item 108)  Bridges-: (Item 1-3)RCDG (Item 4-8)RCBC	DCCD ENGINEERING CORP.   -do-

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF OCT. 21, 1981

ANNEX "D"  
Sht. 5 of 8

Contract Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
	(Continuation) 6. Br. along Cagnaslog sta. 2+068, 6.0 m. wide-double, 4x2.5m 7. Br. along San Vicente-San Antonio Sta. 2+168, 6.0m. wide double 4x2.5m.						
II	8. Br. along San Vicente-Macaangay, sta. 3+745-6.0m. wide single 4x3m. 15. Iriga-Salvacion-Bato Rd.-Sub-project. No.12, Package III. Feeder Rds. Secondary Rds. 9.217 kms. FR. 12A(Salvacion-San Antonio Rd.) 2.014 kms. FR. 12B(Salvacion-Sagrada Rd.)- - 2.091 " FR. 12C(Masoli-Niñ. Jesus-San Antonio)-3.014 " TOTAL - - - - -7.109 kms. RCBC along Sec. Rd.: 1.0 m. wide single 4.00x3.00 m. Sta.4+992 1.80 m. wide double 4.00x3.00m. sta. 5+937	PHILCON BUILDERS & DEVELOPERS (o.e.) MOON ROCK CONST. (current)	P5,305,770.00 (orig.)  P6,127,789.69 (continuation)	May 18, 1979 (Notice to proceed May 18, 1979)	within 480 days (September 9, 1980)  330 (days)  July 25, 1981	DBST (for Secondary Rd.) Gravel (Item 108)	DCCD ENGINEERING CORPORATION  - do -
III	16. Topaz-Palsong-Bula Rds. Contract No.I, Sub-project No. 8, Package III. Secondary Rds. - - - - - 11.019 kms. Feeder Roads: FR. -A, Palsong-La Purisima Rd. 3.01 kms. FR -B, Palaogan La Purisima Rd. 2.5600 " FR. -C, Fancypoyan Feeder Rd. 3.000 " TOTAL - - - - - 8.570 " Bicol River Bridge - - - - - 86 M.	CAPITOL INDUSTRIAL CONSTRUCTION GROUP	P11,567,160.00	(Notice to proceed) 3/11/80	To be completed within 540 Calendar days 9/2/81	BST(Item 314)	DCCD ENGINEERING CORPORATION
IV	17. Nabua-Tandaay Sect., Contract I, Sub-project No. 11, Package IV. Feeder Rds. Secondary Rds. - - - - -8.78 kms. 1. San Roque-Sta. Barbara - - - - -3.45 " 2. San Antonio-Ogbon-San Vicente- - - -2.80 " 3. San Vicente-San Ramon - - - - - 1.57 " 4. Sta. Cruz-Sta. Barbara - - - - - 1.82 " 5. Sto. Domingo-Madaon - - - - - 2.13 " 6. Inapatan-Ajustia-Dolorosa - - - - - 3.20 " TOTAL - - - - - 14.97 kms.	S.P. DACER CONSTRUCTION CO., INC.	P16,705,106.00	June 16, 1978	Feb. 16, 1980	Secondary-PCCP Feeder Rds. Gravel (Item 108)	CERTEZA DEVELOPMENT CORPORATION



DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF OCT. 31, 1981

ANNEX "D"  
Sht. 7 of 8

Package Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
14	22. Mabua-San Agustin, Contract VI-C, Sub-proj. No.9, Package IV. Secondary Rds. Feeder Rds. 1. Sta. Lucia-Baras - - - - -2.82 kms 2. Baras San Jose - - - - -2.88 "	J.M. HERNANDEZ & SONS, INC.	P1,978,640.10	Dec. 15, 1978	To be completed within in Aug. 12, 1978)	Feeder R. s. Gravel (Item 108)	CERTEZA DEVELOPMENT
	23. Mugpo-San Juan (Bato) Sect., Contract IV, Sub-proj. No. 11, Package IV. Secondary Rd. - - - - - 8.33 kms. Feeder Rds.: FR. 16-Muga-Inagbarilan - - - -1.92 FR. 18-Diviscrta-Lalongkong - Magebusog - - - - -7.78 " FR. 17-Diviscrta-Lake Bato - - - - 0.79 " FR. 19-Salvacion-Del Rosario - - -2.07 " FR. 20-Gayuden-Payak - - - - -41.23 " FR. 21-Inyak-Pagatpatan - - - - 2.64 " FR. 22-Guyuden-Lake Bato - - - - 1.32 " FR. 23-San Juan-Catmon - - - - 1.96 "  BRIDGES: Bulung Br. 2-8m, and 1-2m. 38.04 kms. RCDG, spans - - - - - 29.20 M. 2. Avoling Br. 3-10m. RCDG - - - - -31.20 M. 60.48 IM.	F.F. CRUZ & CO., INC. (orig.)  51st Eng'ng. Brigade Phil. Army (continuation)	P21,515,886.00 (orig.)  P8,752,700.00 (continuation)	Feb. 15, 1979  July 25, 1981	June 10, 1980  (280 days)	Secondary-Gravel Feeder Roads Gravel (Item 108)  Bridges - RCDG	CERTEZA DEVELOPMENT CORPORATION  - do -
	24. Pangui-Nasisi Sect., Contract V-A, Sub-project No. 14, Package IV. Secondary - 12.86 kms. Feeder Roads: FR. 1. Ponso-San Agustin - - - - 3.85 " FR. 2. Balogc-San Ramon-Tabog - - - 2.26 " FR. 3. Baraycng-Ligaw - - - - -3.28 " T O T A L - - - - - 9.39 kms.	" BETTER BUILDERS CONSTRUCTION WILLIAM UY (current)	P9,200,200.00 (orig.)  P10,988,450.55 (continuation)	Feb. 15, 1979  July 25, 1981	June 12, 1980  (360 days)	Secondary-SBST Feeder-Gravel (Item 108)	CERTEZA DEVELOPMENT CORPORATION

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION  
AS OF & Oct. 31, 1981

ANNEX "D"  
(Sht. 3 of 8)

Package  
Number

Package Number	Number of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES		Level of Improvement	Consultant Const. Supervision
				Started	Completion		
IV	25. Polangui-Nasisi Br. Section, Contract V-B, Sub-proj. No. 14, Package IV.	EASTERN HICOL CONSTRUCTION & DEVELOPMENT CORPORATION	P1,428,680.00	Jan. 15, 1979	To be completed within in 300 Calendar Days	Bridges-all RCDG	CERTEZA DEVELOPMENT CORPORATION
	1. Alnay Br.						
	1-2m. (RCDG Spans) - - - - - 12.40IM						
	2. Napo Bridge						
	1-10m. (RCDG Spans) - - - - - 40.40 "						
	3. Binlined Bridge						
2-3m & 1-10 (RCDG Spans) - - - 22.40 "							
IV	4. Balogo Bridge	F.F. CRUZ CO., INC.	P1,437,400.00	Notice to proceed	To be completed w/in 270 Calendar days	Bridge-all RCDG	CERTEZA DEVELOPMENT CORPORATION
	2-8m & 1-12 (RCDG Spans) - - - 29.20 "						
	5. Matanglad Bridge						
2-4m & 1-15 (RCDG Spans) - - - 24.40 "	(Both Contract: Official IL-B (1) & IL-B (2) starting date Dec. 12/79 (Date when the approved red- sign of Br. received by contractor.						
TOTAL - - - - - 98.80 "							
26. Tandaay-San Juan (Bridge) Sect., Contract II-B, Sub-project No. 1, Package IV.							
IV	Segments:						
	Contract II-B (1) Panganiban(Majawag) Br.-P648,400.00						
	Contract II-B (2) San Roque 1 & 2 Br.-P339,040.00						
	Total length of Bridges-76.00 IM.						

PERCENTAGE OF COMPARISON OF COLLECTION & ACCOMPLISHMENT  
AS OF Oct. 21, 1981

ANNEX-E  
Sht. 1 of 4

P. O. NO.	CONTRACTORS	Amount of Contract	% Accomplishment (4)	Amt. Collected (5)	% Collection (5)-(3) (6)	REMARKS	
A.	<u>DETAILED ENGINEERING:</u>	P2,219,341.00 (Rev.)	(100.00)			NOTE: * Figure in parenthesis under Column of "B" Accomplishment per PMO's overall evaluated weight covering the total 4 Sub-projects	
I	Techniks Group Corp.	P2,134,341.00 (orig.)	(100.00)	P2,218,087.87	99.94		
II	Integrated Philconsult Inc.	P2,841,410.00	(100.00)	P1,481,410.00	100.00		
III	DCCD Engineering Corp.	P1,955,05.00	(100.00)	P1,950,188.36	97.73		
IV	Certeza Development Corp.	P2,346,552.47	(100.00)	P2,346,552.17	99.36		
	TOTAL FOR DETAILED ENGINEERING	P8,017,748.00 (Rev.) P7,932,740.00 (orig.)	(100.00) (100.00)	P7,996,238.10	99.73		
A.	<u>PARCELLARY SURVEY &amp; MAPPING:</u>						2. Total estimated % weights of Detailed Engineering is 2.5% (see ANNEX-J).
II - IV	CDT CONSULTING ENGINEER	P1,037,030.00 (Rev.)	(100.00)	P1,037,030.00	100.00		
III & IV	P.B. Albert Surveying	P3,650,00.00	(100.00)	P3,650,00.00	100.00		
	TOTAL FOR PARCELLARY SURVEY & MAPPING	P1,383,530.00	(100.00)	P1,383,530.00	100.00		
	<u>CONSTRUCTION SUPERVISION:</u>					- Total estimated weights of parcellary survey & mapping is 0.34% per overall total project implementation weight.	
	Techniks Group Corp.	P4,342,737.60 (reqt'd. cost) P4,877,262.20 up to Oct./81	67.18	P8,164,560.68	88.55		
II	Integrated Philconsult Inc.	P2,684,610.00 (reqt'd ext. cost) P3,610,682.92 (orig.) cost	90.26	P6,049,102.94	96.09		
III	DCCD Engineering Corp.	P2,430,500.00 (reqt'd ext. cost) P4,640,830.00 (orig.)	82.04	P6,660,286.17	94.19		
IV	Certeza Development Corp.	P3,076,214.00 (reqt'd ext. cost) P5,780,105.00 (Rev.) P5,409,845.00 (orig.)	81.69	P6,239,936.10	93.04		
	TOTAL FOR CONSTRUCTION SUPERVISION	P31,442,889.02 (reqt'd ext. cost) P18,538,640.12 (orig.) considered P16,908,900.00 (Rev.)	79.19	P29,113,885.89	92.59		

PERCENTAGE COMPARISON OF COLLECTION & ACCOMPLISHMENT  
AS OF Oct. 31, 1981

ANNEX-E  
Sht. 2 of 4 )

FACT. NO.	CONTRACTORS	Amt. of Contract	% Accomplishment	Amt. Collected	% Collection	REMARKS
(1)	(2)	(3)	(4)	(5)	5-3 (6)	
I	1. R.L. Umali Const. Corp.	P14,062,106.60 (orig.) P13,560,040.85 (Rev.)	100.00	P13,881,499.36	100.00	Const. of San Isidro-Libmanan Br. Sect., Contract I, Sub-project No.1, started Jan. 8, 1978.
I	2. S.P. DACER CONST. INC.	P15,159,660.94	100.00	P15,142,358.43	99.89	Const. of Bula-Tandaay Sect., Contract II, commence of contract time June 16, 1978.
I	3. Balm Construction	P12,324,405.00	100.00	P12,314,404.90	99.22	Const. of Naga-Carolina-Sub-project No. 10, started July 15, 1978.
II	4(a) JPY Const. Co., Inc.	P10,647,071.50 (orig.)	63.83	P6,657,188.46	62.57	Const. of Buhi-Lidong Rd., Sub-proj. No. 13-B, started July 15, 1978. Const. of Polangui-Lidong Sect., Sub-proj. No.13-A, Started July 15, 1978. Const. of Polangui- & Buhi-Lidong Sect commenced into Polangui-Lidong-Buhi Sect., started Aug. 11/81.
	4(b) William Uy Const. (orig.)	P14,455,364.00 (orig.)	82.80	P12,665,348.35	87.62	
	4(c) LALS CONST. (current)	P6,135,119.66	5.39	-	-	
I	5. Dimson (inc.) Inc. (orig.)	P20,056,428.00 (orig.)	74.40	P14,701,092.45	73.30	Const. of Libon-Nugpo Sect., Contract III, Sub-project No. 11, started July 15, 1978. Terminated (11/24/80) (Continuation.)
	5(a) V.P. Eusebio Const. Inc. (current)	P9,185,840.00	-	-	-	
I	6. F.F. CRUZ & CO., INC.	P14,404,312.42	100.00	P14,413,240.32	100.00	Const. of Tandaay San Juan Sect., Contract II A, Sub-project No. 11 started July 15, 1978.
I	7. A.B. AGUINALDO CONST. INC.	P15,377,382.00	93.12	P13,099,252.32	85.19	Const. of Pili-Mataoroc Rd., Sub-project No.3, Started July 15, 1978.
II	8. V.P. EUSEBIO CONST.	P11,488,673.00	100.00	P11,684,096.56	100.00	Const. of Sto. Domingo-Bula-Omoro Rd., Sub-proj. No.7, started July 15, 1978.
I	9. R.L. Umali Const. Corp. (orig.)	P12,35,412.60 (orig.)	62.60	P7,674,899.48	62.12	Const. of Libmanan Br-Cabusao Sect., Contract II, Sub-project No.1, started Sept. 18, 1978. (Terminated 11/24/80). (Continuation)
	9(a) R.L. Umali Const. Corp. (current)	P8,471,495.28	0.92	-	-	
I	10(-) Kamagong Builders & Dev. Corp. (orig.)	P5,762,962.68 (final)	65.53	P5,762,962.68	100.00	Const. of Calabanga-Manguiring Br. Sect. Sub-proj. No. III, Contract I, started Jan. 29, 1979. Cementing of 1.15 kms. part of Calabanga-Sibobo Sect. (Formerly Calabanga-Manguiring Br. Sect.) Continuation of Calabanga-Sibobo Sect. Sub-proj. No.1, Cont. I, Terminated from KBDC, started Aug. 1, 1981.
	10(b) By Force Account Administration	P6,788,666.50 (orig.)	-	P998,788.49	99.88	
	10(c) Pragmatic Const. & Dev. Corp. (current)	P1,000,000.00 P14,812,772.40	100.00 5.21	-	-	

PERCENTAGE COMPARISON OF COLLECTION AND ACCOMPLISHMENT  
AS OF Oct. 31, 1981

ANNEX-E  
Sht. 3 of 4

PK. No	CONTRACTORS (2)	Amount of Contract (3)	% Accomplishment (4)	Amount Collected (5)	% Collection (6)	REMARKS
II	11. Polytrade Const., Inc.	P12,147,699.00 (orig.) P14,443,254.20 (Rev.)	98.81	P14,171,821.68	98.12	Const. of Antipolo-Hubo-Minalabac Rd. Sub-proj. - No. 14, started Feb. 7, 1979.
	12. Al.Sarmiento Const. (orig.)	P2,145,096.20	100.00	P1,333,262.40	62.15	Const. of Calabanga-Tinambac Rd. Bridges, Contract II, Sub-proj. No.3, started Feb. 15, 1979.
	12(a) William Uy Const.(current)	P1,356,578.48	100.00	P1,116,722.72	82.31	Continuation of Calabanga-Tinambac Brs. terminated from A.L. SARMIENTO CONST.
I	13. M.D. Foronda & Associates	P1,994,758.86	91.11	P1,455,569.82	72.97	Const. of Nabua-San Agustin Contract VI-A, Sub-proj. No.9, started Dec. 15, 1979.
	14. G & G Const. Co., Inc.	P1,996,619.79	82.22	P1,302,151.89	65.22	Const. of Nabua-San Agustin Contract VI-B, Sub-proj. No.9, started Dec. 15, 1979.
IV	15. J.M. Hernandez & Sons	P1,876,775.43 (Final) P1,029,895.36 (orig.)	100.00	P1,876,775.43	100.00	Const. of Nabua-San Agustin VI-C, Sub-proj. No. 9, Started Dec. 15, 1979.
	16. Eastern Bicol Const.(orig.)	P1,420,680.00 (orig.)	100.00	P786,745.06	100.00	Const. of Polangui-Nasisi Sect.,(Bridges only) Contract V-B, Sub-proj. No.14, (terminated from original contract)
	16(a) RSW Const. Corp.-(New)	P786,745.06 (Rev.)	100.00	P158,079.38	100.00	Const. of Alvey and Napo Brs. only.
	16(b) Viber Eng'ng Works (New)	P158,080.00	100.00	P287,578.98	87.89	Const. of Balinad Brs. only.
I	16(c) OAS Builders Const.(New)	P466,401.50	100.00	P403,049.40	86.42	Const. of Balogo Brs. only.
	16(d) Circa Const. (New)	P414,216.65	100.00	P.03,970.65	97.53	Const. of Matanglad Brs. only.
	17. F.F. CRUZ & CO., INC.(orig.)	P21,515,886.00 (orig.)	70.06	P13,224,213.40	61.46	Const. of San Juan-Nugpo Sect., Contract IV, Sub-proj. No.11,(Terminated from orig. contractor) (Continuation)
	17(a) 51st Eng'ng Brigade P.A. (current)	P8,752,700.00	2.852	-	-	
	18. Better Builders Const.(orig.)	P.,200,200.00	35.69	P3,381,439.80	36.	Const. of Polangui-Nasisi Sect., Sub-proj. No. Sub-proj. No. 14. (Terminated from orig. contractor) (Continuation)
IV	18(a) William Uy Const. (current)	P10,988,450.55	9.15	-	-	

PERCENTAGE COMPARISON OF COLLECTION AND ACCOMPLISHMENT  
AS OF Oct 31, 1981

ANNEX-E  
Sht. 4 of 4

PAC. NO	CONTRACTORS (2)	Amount of Contract (3)	% Accomplishment (4)	Amt. Collected (5)	% Collection (6)	REMARKS
I	19. CBT Const. & Eng'ng. Corp. (original)	P7,037,454.26 (final) P11,633,828.00 (orig.)	58.14	P7,037,454.25	100.00	Const. of Danao-Pasacao Rd. Sub-proj. No.2, (Terminated from orig. contractor)
I	19 Marosa Const. (Current)	P10,531,802.00	0.36	-	(Continuation)	Started September 2, 1981
I	20. Kamagong Builders & Dev. Corp. (orig.)	P15,965,239.00 (orig.) P4,508,045.12 (final)	28.24	P4,508,045.12	100.00	Const. of Manguiring Br.-Tinambac Sect., Contract II, Sub-proj. No.3, Terminated from orig. contractor
I	20(a) Goldrock Const. (current)	P10,534,295.46	20.30	-	(Continuation)	
II	21. Philcon Builders (orig.)	P5,306,770.00	44.33	P2,059,904.02	38.82	Const. of Iriga-Salvacion (Bato) Rd., Sub-proj. No. 12.
II	21(a) Moon Rock Const. (current)	P6,127,789.69	31.17	-	(Continuation)	
IV	22. Project Works Const. (orig.)	P5,499,908.00 (orig.) P1,306,367.47 (final)	30.01	P1,306,367.47	100.00	Const. of Palistina-San Antonio-Minalabac Sub-proj. No.6, (Terminated from orig. contractor)
IV	22(a) South Motorist Enterprises (current)	P2,439,248.17	3.43	-	(Continuation)	
I	23 F.F. CRUZ & CO., INC.	P1,487,440.00	100.00	P1,487,440.00	100.00	Const. of San Juan-Pandaay Br. Sect., Contract I-B, Sub-project No.2.
II	24. Capitol Industrial & Const. Group	P11,567,160.00	86.73	P8,823,958.20	76.28	Const. of Topaz-Palsong-Bula Rd., Sub-project No.8.
I	25. A.B. Aguinaldo Const. Inc.	P6,889,561.80	66.93	P4,232,052.00	61.43	Const. of Tigman & Himuragat Bridges, Contract IV, Sub-project No.3.

CONFERENCE REPORT  
SEPTEMBER 16, 1961, HMO, 2:00 P.M.

ATTENDANCE:

1. Wenceslao De Guzman	-----	Exec. Director for PADAP/ ERBDP/SIRD P Projects
2. Vicente B. Lopez	-----	Regional Director.
3. Angel E. Salvador	-----	Project Manager, HMO
4. Alejandro Deseo	-----	Techniks
5. Vicenter B. Zaño	-----	IFI
6. Justiniano Torralba	-----	IFI
7. Jose E. Villanueva	-----	Certeza
8. Gonzalo Cruz	-----	Certeza
9. Dominador Soloria	-----	Certeza
10. Gaudencio Benito	-----	DCCD
11. Arturo Zabala	-----	DCCD
12. Roberto Madla	-----	Goldrock
13. Jose Recentes	-----	Fragnatic
14. Lucio Olasco	-----	Fragnatic
15. Hermie Manalo	-----	R.L. Umali
16. Hiram Garcia	-----	R.L. Umali
17. Remigio Espada	-----	A.B. Aguinaldo
18. Teodoro Perez	-----	Polytrade
19. Rolando Cruz	-----	CICG
20. Quimzon Liao	-----	CICG
21. Jose Casile	-----	V.P Eusebio
22. Gerry Agawa	-----	Moonrock
23. Robert Wong	-----	William Uy
24. Julian Regalado	-----	L.A.L. Construction
25. Silvino Casillan	-----	HMO
26. Cesar Solano	-----	HMO
27. Dativo Cadag	-----	HMO
28. Pedro Celebrado	-----	HMO
29. Romeo Sanares	-----	HMO
30. Vivencio Panganiban	-----	HMO

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Director de Guzman started, saying the purpose for which the conference was called. It was called to resolve or minimize the delay in the implementation of projects. He said that there is a letter from Exec. Asst. Tuvera on his latest report calling attention to projects being criticized due to delays in the prosecution. According to the latest report, out of 25 contracts, only 8 contracts were completed. There are

ten terminated projects and about 4 on-going projects. He said he wants to have a dialogue with the consultants and contractor to be properly informed of causes of delays. He called on the consultants first to report on the present status of projects.

Mr. Deseo, Project Manager of Techniks started with Calabanga-Sibobo project, where the execution of the contract was August 1. The contractor is now working on maintenance. Dir. de Guzman noted that the NTP was issued August 1, 1981 but only a few equipment was mobilized. He asked about Sibobo under Goldrock. Mr. Deseo said that the contractor has plenty of equipment. Dir. Lopez asked the consultants to prepare an official report (narrative) as of to date. Mr. Deseo mentioned next Libmanan-Cabusao whose contract effectivity was September 11. Mr. Manalo of R.L. Umali informed that they have mobilized.

About Danao-Pasacao, contract effectivity was September 3. The contractor, Marosa Enterprises has 24% of equipment ready for maintenance work. Dir. de Guzman asked Mr. Deseo, about his assessment of projects under his Package. He answered that these projects are just starting. Dir. de Guzman called on Package II. Mr. Torralba, representing the Project Manager of IPI started with the bridge over-cut-off channel No. 3. According to him, the contractor is ready and they have test piles. The contractor is already working on the bridge approaches and barring any extension to the within condition, the project can be finished.

Mr. de Guzman asked whether Minalabac-Antipolo project has been suspended. Mr. Torralba answered that it has never been suspended. The Minalabac project is on-going, only the paving is left to be done. Mr. de Guzman asked if this project can be completed and Mr. Torralba assured that the bridge can be finished within 6 months and the approaches will be worked on when the bridge is finished. The contractor has started on the grading of the piles and the abutment. There is only 300 m. to be paved. Anyway, the contract has not expired yet.

Mr. Torralba talked about the Palestina project which is now being undertaken by South Motorist. Up to now there is no NTP yet. Mr. de Guzman informed that they just received the obligational authority from the budget so they are already on the process of finalizing the contract. The contractor is now working at their own risk. They have mobilized.

Dir. Lopez mentioned Fili-Mataoroc Road, touched on the pending Changed Order, which is caused by lack of requirements. So his opinion is to include it in the next contract. The contractor claims that they have submitted the requirements. According to Mr. Solano, the Resident Engineer for Package II, there is already an inventory; accomplishment of the contractor is 25%. They are also requesting for boring test. Dir. de Gusman announced that Fili-Mataoroc project has to wait until the contract and agreement for negotiation will be conducted.

For projects under Package III, Mr. Gaudencio Benito of DCCD talked of Sto. Domingo-Dula-Ombao as 100% completed as of August 1981; slippage is 19% negative. As to CICG, Topaz-Palsong, the report states that it is 22% behind schedule as of July. Dir. de Gusman asked on the causes of delay of this project. Mr. Benito answered that it is so because of the typhoons of June 30 to July 3. According to him a Change Order to that effect will be submitted to the FMO. He said that the target date of completion is Dec. 1981. Dir. de Gusman asked the consultants whether they commend the work of the contractors. Mr. Benito passed it on to CIGG, to answer the inquiry. The contractor gave an assurance that they can finish the work by December 1981. Next project was Iriga-Salvacion. Mr. Benito said that the project with Moonrock is ahead of schedule. As to Polangui-Lidong-Buhi project with L.A.L. Construction, the activities are excavation of culverts. The contractor is behind schedule and deficient in equipment; only 50% of the minimum equipment requirement is complied with. Mr. Regalado, Project Manager of L.A.L. Construction explained about the equipment ready for the project.

Dir. Lopez asked the consultants whether they require the contractors to submit a work schedule. Mr. Benito of DCCD answered positively. Dir. de Gusman explained that before their contract was perfected they were required to submit a PERT/CPM, so whatever revision they make it should be in coordination with the contractor.

Mr. Regalado of L.A.L. Construction then assured the Director that he can finish the project within 6 months; that he can finish the structures within this month. The contract expiry date is August 1982.

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On Package IV, Mr. Villanueva of Corteza talked of their 5 contracts; three were terminated and rebid, while 2 of the contracts are being finalized; Libon-Nugpo is under finalization. Mr. de Guzman explained that one contract was left behind because of the lack of obligational authority. Mr. de Guzman asked the representative of V.P Eusebio what assurance they can give. Mr. Casile said that they have mobilized and some necessary equipment are ready. Their contract period is 300 days. Dir. de Guzman informed the group of the terminal date under Amendment 3 which is August 28, 1982. So he appealed that all these contracts must be finished before this date.

Mr. Villanueva took up next Nugpo-S an Juan with the 51st Engineering Brigade. Dir. de Guzman called on Col. Cabading who said that he is representing the General. They have mobilized more than 60%. Their only delay was that on the portions of Payak-Pagatpatan, their equipment brought by the Philippine Navy landed on wet landing so they have to change oil and do some maintenance work. They are already working on other Feeder Roads, Guyodan-Payak. Mr. de Guzman reminded them to submit a report to the consultant. They have 240 days from July to finish. Col. Cabading informed of the difficulty they had at the start, so the General would like to ask for an amendment; his letter is not yet forwarded to the RMO.

Mr. Villanueva on Polangui-Marisi under William Uy said that it started July 25 and their contract period is 270 days. The contractor's completion date is July 19, 1982. They have some of the equipment ready. They are busy preparing materials for Items 107 and 108, and are leveling for evaluations of concrete pipes. He assured their cooperation to avoid delay. One difficulty of the contractors is the testing of materials which is still brought to Manila.

Dir. de Guzman emphasized the necessity of a good relation between consultants and contractors. He said he wants to avoid grave delays like last year. He imbued the need of assisting the contractors to avoid delays. Mr. Villanueva informed that there are 2 testing units furnished by F.F. Cruz, but they could not be used because of the defects, so they have asked F.F. Cruz to repair them or suggested that they brought to the PMO, anyway they need calibration only.

Mr. de Guzman said that the PMO can request Manila to send one man to calibrate. He asked whether the PMO has the facilities in testing materials to avoid sending them to Manila. Mr. Villanueva explained that only cement samples and reinforcing steel are brought to Manila; cylinders and beam samples are tested here.

Dir. de Guzman wanted to hear more from the contractors. Col Cabading, talking about their project, said that they are now working on the riprap. There is only delay in testing of sand. He asked whether the sand tested can be utilized by Moonrock. Mr. Villanueva explained that they have only delivered grouted riprap materials, but there is a delay because of unavailability of cement.

Dir. Lopez thought that there is no problem in the testing of sand but the delay lies in the test results. He checked whether the Materials Engineers are always available which was answered in the positive by Mr. Villanueva. According to him, William Uy is requesting that they be allowed to use cement in their riprap.

Mr. de Guzman asked how fast the tests are conducted. Mr. Villanueva answered it takes two or three weeks.

Col Cabading said that one problem regarding testing of materials is in the paying; they don't want to accept PUB checks; they prefer treasury warrants.

Dir. de Guzman suggested to take it up with the Materials Quality Control Engineer. He talked next on one project, Nabua- San Agustin, Contract VI-A, under M.D. Foronda while VIB will be undertaken by Force Account. Mr. Villanueva said that they are recommending the rescission of the contract because of the abandonment of the contractor even after promises. Dir. de Guzman asked for the cost of the remaining works which Mr. Villanueva estimated it to be P200,000.00. The services of the Provincial Government will be tapped for this. Dir. de Guzman asked about other problems.

Mr. Deseo presented the problem of Tigman-Himuragat approaches. The accomplishment is 29% as of August. It is behind schedule and one problem is the ROW. According to Mr. Salvador, the problem is in the approaches where the owner wants the whole house to be paid. Mr. de Guzman asked whether the approaches are included in the contract which was answered positively. Dir. Lopez thought that this could be presented to the Legal Department. Dir. de Guzman asked if the contractor could continue with the road proper, pending this problem.

The Director on the status of the Bridges in Tinambac. Robert Wong of William Uy answered that it is 100% completed.

Mr. Villanueva reported on Contract III, under Dimson which has still a pending Change Order. This had been brought about because some items have to be cleared with the contractor.

Another cause of delay, according to the Director, is the lack of CDC, ~~the~~ contractors request for time extensions.

The Director also talked about the study to reduce the number of consultants to conform their actual loads as before. He said that DCCD is willing to back out if the work could only be distributed to 2 consultants.

As to Certeza, Mr. Villanueva said that their existing contract is up to October 15, 1981, but their balances of funds is good up to January 1982. He said he is only afraid that the Auditor might suspend their collection after October. Dir. de Guzman suggested to submit the reduced manning schedule to conform with the period up to October 1982. He talked on the Memo that construction services should be submitted to the Review Committee on a no-objective basis.

Mr. Espada presented his problem on the collection collecting of A.B. Aguinaldo where up to now he has been following up for Tigman project. Mr. de Guzman made it clear that collections now are faster with the adoption of

Operations Streamline where the contractor can collect after 10 days if he has all the requirements.

Dir. de Guzman said that this problem on their signatories can be minimized if there is a regular PCM (meeting) held of all signatories to discuss the quantities being claimed by the contractor and corrections can be made right there. There should be a cut-off date on the 25th of every month. Mr. Villanueva said that they have been doing this.

Dir. Lopez announced that the PMO has a new Auditor who is more knowledgeable with regards to MPH rules as he is also an accountant.

The Director was willing to schedule regular meetings like this which made the group happy about it. He thought that with the cooperation of the consultants and contractors to his suggestions, he wishes to see updated projects, this year. He suggested for the USAID to make an evaluation of this.

With no other matters to take up, the meeting was adjourned at 4:42 P.M.

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I HEREBY CERTIFY to the correctness of the above minutes.

(Sgd.) EMILY S..AGNA  
Secretary

NOTED:

(Sgd.) ANGEL E. SALVADOR  
Project Manager

ATTESTED BY:

VICENTE B. LOPEZ, CESO II  
Regional Director  
Project Director

MEETING WITH CONSULTANTS OCTOBER 13, 1981  
PROJECT MANAGEMENT OFFICE, NAGA CITY

ATTENDANCE:

1. Dir. Vicente B. Lopez	- - - - -	Regional Director
2. Manager Angel E. Salvador	- - - - -	Project Manager
3. Dativo A. Cadag	- - - - -	PMO
4. Silvino B. Casillan	- - - - -	PMO
5. Cesar P. Solano	- - - - -	PMO
6. Pedro B. Celebrado	- - - - -	PMO
7. Romeo A. Sanres	- - - - -	PMO
8. Atty. Benito Se	- - - - -	PMO
9. Alejandro Deseo	- - - - -	Techniks
10. Amado Bandelaria	- - - - -	IFI
11. Justiniano Torralba	- - - - -	IPI
12. Vicente Zaño	- - - - -	IPI
13. Danny Filio	- - - - -	IPI
14. Ricardo Basa	- - - - -	DCCD
15. Gaudencio Benito	- - - - -	DCCD
16. Jose Villanueva	- - - - -	Certeza
17. Dominador Solaria	- - - - -	Certeza
18. Gonzalo Cruz	- - - - -	Certeza

Director Lopez started the conference at 2:30 P.M. He explained the three purposes for which the conference was called. (1) To talk on the expiration of consultancy services; (2) Renumerous complaints from private sector, one from Mayor Nocos of Minalabac, specially on Naga-Carolina Project; (3) To find out why the on-going projects are not yet on full operation.

On expiration of consultancy services, Mr. Villanueva of Certeza informed that the expiration of their services is October 15, 1981 but they have an outstanding balance up to February 1. They have submitted Addendum No.3 to the Ministry for approval. Director Lopez asked if that addendum up to February 15 is in anticipation of the new contract. Mr. Villanueva answered no as that contract is up to March.

Mr. Salvador explained that they prepared an Addendum covering the balance of their contract for Addendum 2. Now they are going to re-package these projects.

IPI services will also be up to October though their skeleton force is up to Novemeber. They have also submitted their Supplemental Agreement to cover the new contract.

As for DCCD, their contract is co-terminus with the project. The CICG contract is supposed to be completed December; two projects are to to be completed March so they are studying to reduce their personnel.

Techniks group has 5 active projects. Their services is on month-to-month basis so long as they don't exceed the maximum of ₱241,000.00.

On the second item in the agenda, the Director wants to take up the quality of work of contractor. Mr. Salvador said that the level of improvement DBST has been criticized especially Naga-Carolina Road which is in bad condition. Mr. Torralba of IPI commented that on the use of DBST, gravel road is better than asphalt road, especially when heavy trucks usually pass. His view is if the traffic is light, DBST is good.

Director Lopez started that there should be a study first on the kind of road, in other words, the history should be taken into utmost consideration. There should be a Project Paper and the level of improvement should be justified by the consultant. The kind of traffic for this kind of road should be one consideration. Secondly, it should conform with the standards. He asked the consultant on how a completed project is finally accepted. According to him, there should be a definite policy between the contractor, consultant and PMO on this final inspection and acceptance. He cited a problem is if the City Engineer would not like to accept. The Director emphasized that there is the consultant who should always check on the contractors because they are the ones dealing with the contractors directly, the PMO Engineers are only there to coordinate. He added that the City, Provincial or Municipal officials should also be involved to monitor the work. Under PD 1594, the contractor must have a guarantee for their work so they are asked to file a bond. The Director remarked that it is the consultants who prepared the detailed engineering. Mr. Basa explained that the road segment were designed originally as concrete like Polangui-Lidong but because of the rising prices it was change to DBST. He added that they have complete documents to support this.

Mr. Lopez said that he would like to have a very concise report on how Naga-Carolina was constructed.

Mr. Salvador asked IPI on the condition of Minalabac. According to Mr. Torralba, the contractor has to make repairs because of the heavy trucks with trailers which usually pass and the road is damaged. It was designed for a light traffic as it is only a secondary road but now heavy trucks hauling materials go back and forth and to think that the road is still under construction. The bridge is affected which is about 800 m. away from Minalabac and 5-1/2 km. from Antipolo access so the equipment on bridge construction go back and forth from other side.

The Director suggested on the way the test is conducted on asphalt pavement. A big compaction machine should be used. There should also be an expertise of the materials Engineer.

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Director Lopez thought it necessary to involve the local officials so there will be no problem when the time of final acceptance comes. He said that there should be a representative assigned to the PMO from the Prov. Gov't. As in the case of the PMO of Cam.Sur, Mr. Casillan must secure authority to cover not only Package I but also the other packages.

Mr. Basa brought out the problem on one contractor, LAL Const. which lack equipment and slippage is negative. He informed that their work might continuously drag as 2 months has passed since they started. Dir. Lopez told them to call their attention in a weekly meeting and minutes should be sent to Manila. For all contractors lagging behind in their schedule, a meeting should always be called for.

A problem of Certeza is one contractor who has collected their mobilization fee but the required equipment is not yet produced. The work schedule is not followed. They also have a sub-contractor. Mr. Deseo of Techniks also brought out the problem on equipment with Pragmatic Const.

Mr. Salvador informed that USAID is calling the attention on problem of roads destroyed by MAR. Mr. Benito said that they promised to repair these roads. Another case is that of Polangui-Nasisi Project where it passes an irrigation canal. Mr. Lopez suggested that they incorporate this into a Change Order.

In finality, the PMO will send a letter to the Prov. Engr. informing them of the necessity to sign for every billing of the contractor. It was agreed also to meet with the consultants every 3rd Wednesday of the month in the afternoon. The reports of the consultants should be in after the 20th of the month which will be the cut-off date. Mr. Bandalaria likewise requested that they be furnished important Memo Circulars and guidelines.

With no matters to take up, the meeting was adjourned.

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I HEREBY CERTIFY to the correctness of the above minutes.

(Sgd.) EMILY S. AGNA  
Secretary

NOTED:

(Sgd.) ANGEL E. SALVADOR  
Project Manager

ATTESTED BY:

VICENTE B. LOPEZ, CESO II  
Regional Director