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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 AUGUST 31, 1982

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

September 6, 1982

THE HONO ABLE
Ministe of Public Works and Highways
2nd Str t, Port Area
M a n i 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 Secoondary and Feeder Roads Project as of August 31, 1982.

Very truly yours,

VICENTE B. LOPEZ, CESO II
Project Director

BY:

ANGEL R. SALVADOR
Project Manager

Copy furnished:

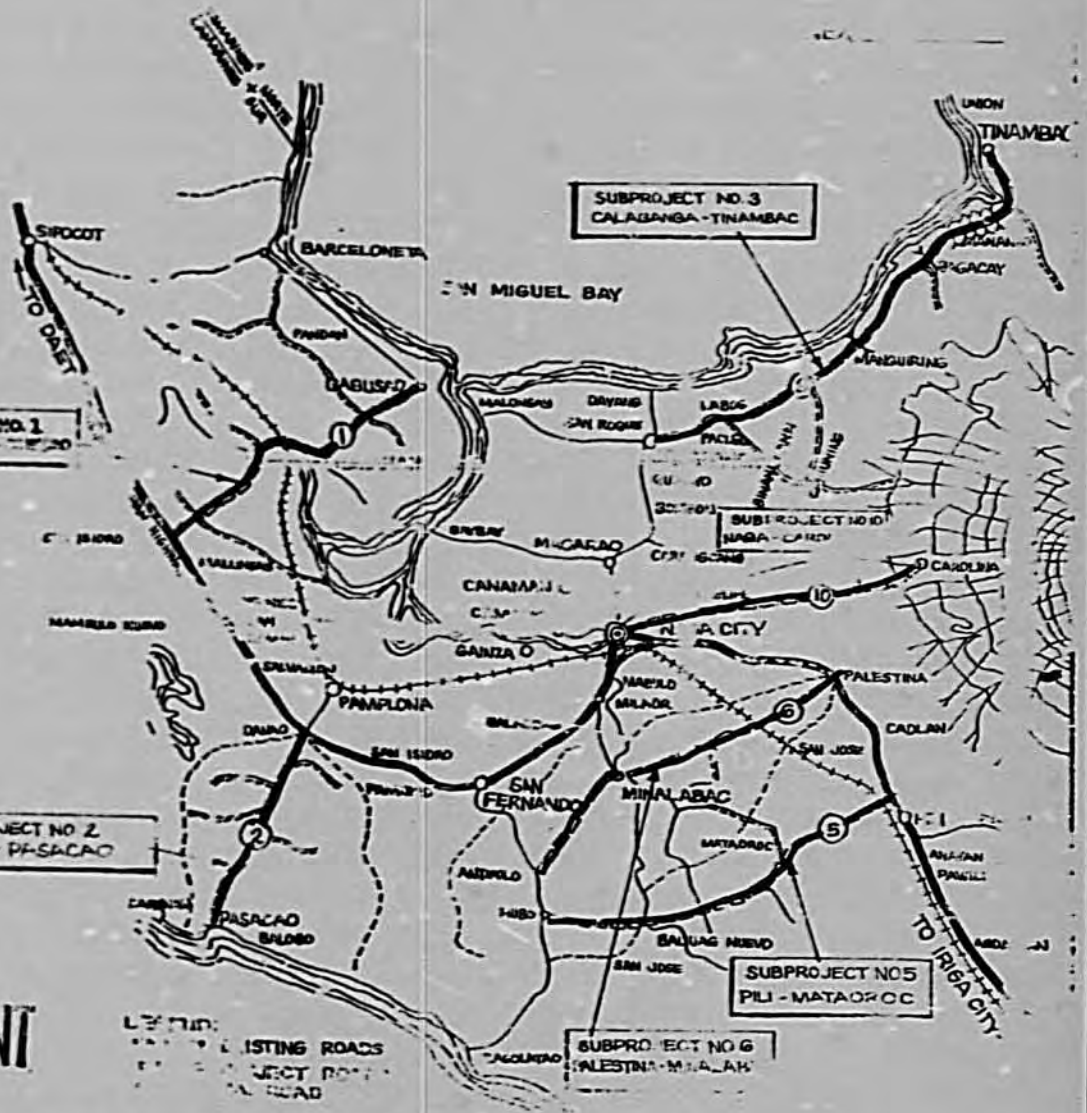
1. PROD, Legaspi City
2. USAID, San Jose, Pili, Camarines Sur
3. BRBDP/PO, San Jose, Pili, Camarines
4. Member of the Composite Management Group
5. NEDA, Legaspi City
6. COA, Legaspi City
7. MLGCD, Legaspi City
8. MAR, Legaspi City
9. MHS, Legaspi City

PACKAGE I (COVERAGE)

SUBPROJ NO. & SITE LOCATION	CONTRACT SECTION	COLOR
(1) SUBPROJECT NO 1 LIBMANAN - SAN ISIDRO CABUSAO RD, CAM. SUR	• CONTRACT I - SAN ISIDRO - LIBMANAN BR. SECT • CONTRACT II LIBMANAN - BR. CABUSAO SECT	RED YELLOW
(2) SUBPROJECT NO 2 DANAO - PASACAO RD, CAM. SUR	• ONE CONTRACT SECT DANAO - PASACAO RD	RED
(3) CALABANGA - TINAMBACAO SUBPROJECT NO 4, C.S.	• CONTRACT I • CONTRACT II • CONTRACT III	RED YELLOW BLUE

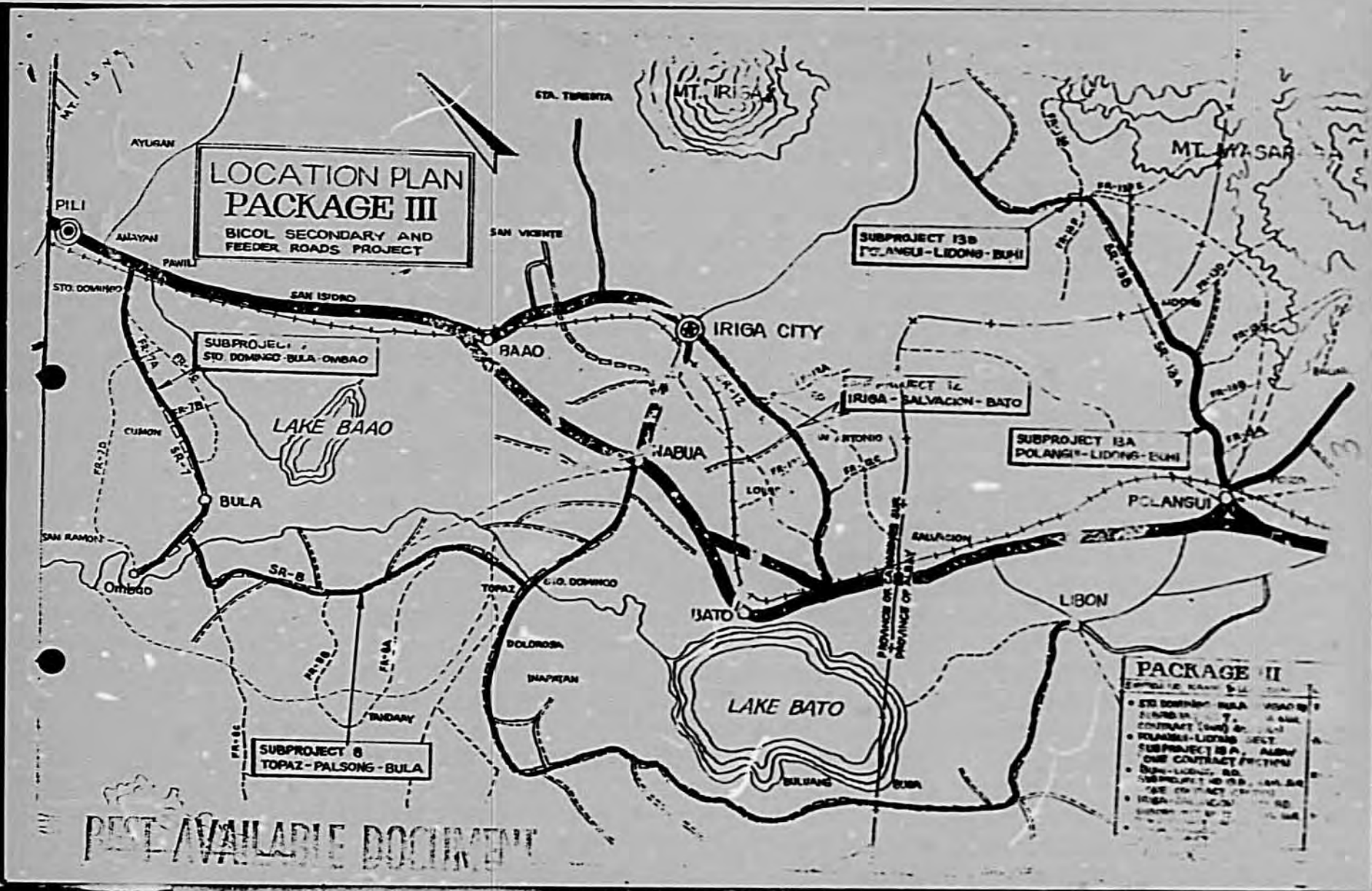
PACKAGE II COVERAGE

SUBPROJ NO. NAME & LOCATION	CONTRACT SECTION	COLOR
(4) SUBPROJECT NO 10 NAGA - CAROLINA RD, C.S.	• ONE CONTRACT SECT.	RED
(5) SUBPROJECT NO 6 PALESTINA - MINALABAC	• ONE CONTRACT SECT.	RED
(6) SUBPROJECT NO 5 PILI - MATAORIC, CAM. SUR	• ONE CONTRACT SECT.	RED



LOCATION PLAN
PROJECT II
BICOL SECONDARY AND FEEDER ROADS PROJECT

BEST AVAILABLE DOCUMENT



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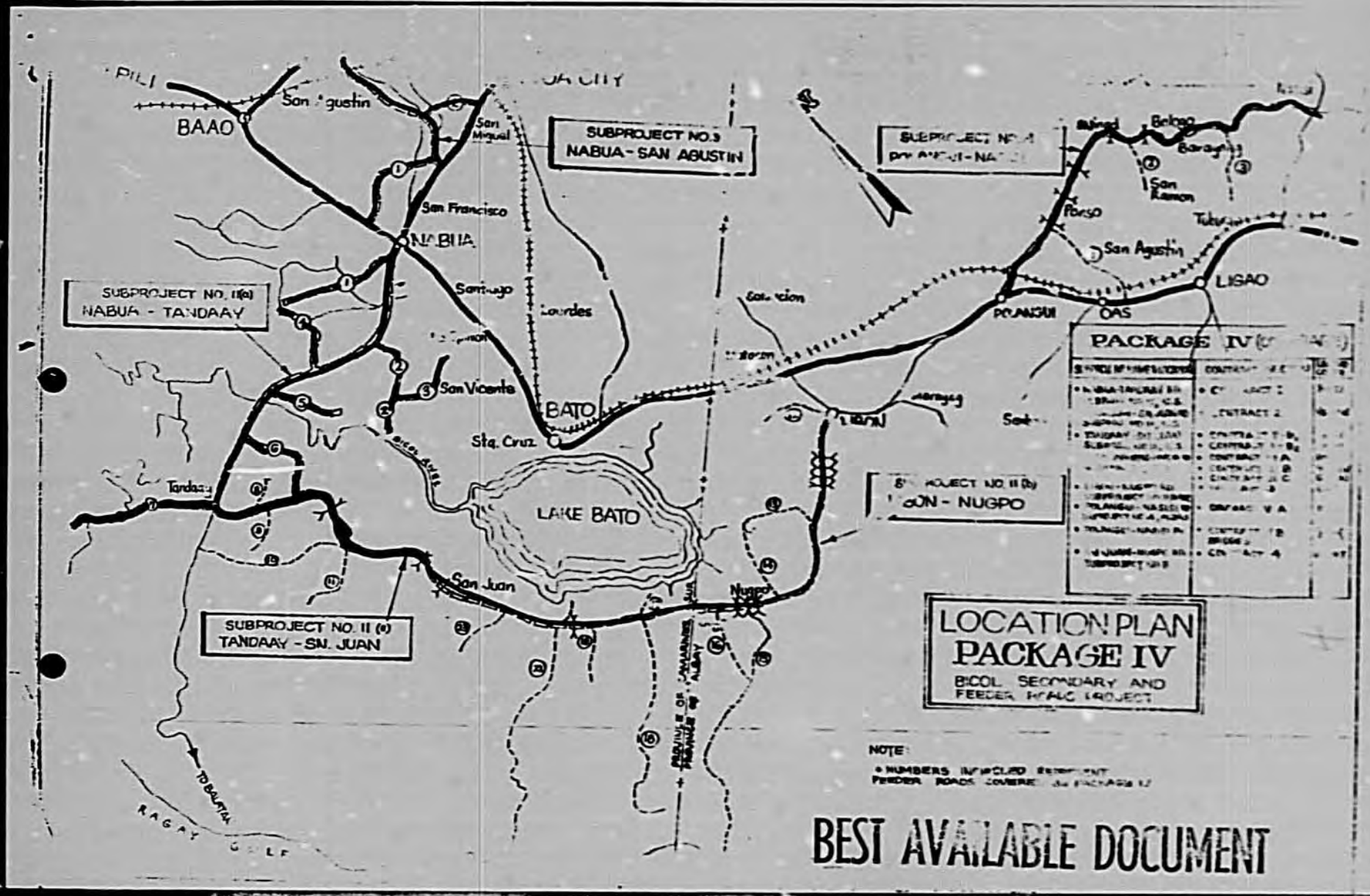
LOCATION PLAN
PACKAGE IV
BICOL SECONDARY AND FEEDER ROADS PROJECT
PACKAGE IV
SUBPROJECT NO. 9
NABUA - SAN AGUSTIN
SUBPROJECT NO. 11(a)
NABUA - TANDAAY
SUBPROJECT NO. 11 (c)
TANDAAY - SN. JUAN
BAAO
San Agustin
San Miguel
San Francisco
NABUA
Santiago
Lourdes
San Vicente
BATO
Sta. Cruz
LAKE BATO
Tandaay
San Juan
Nugpo
Porso
San Ramon
San Agustin
LISAO
OAS
TO BAUTIA
RAGAY GULF
NOTE:
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Bicol Secondary and Feeder Roads Project
TARGET DATE & SUMMARY OF TOTAL ACCUMULATED % ACCOMPLISHMENT

Sht. 1 of 2

AS OF AUGUST 31, 1982

NAME OF CONTRACT SECTION (Contractor)	TARGET DATE (Revised, latest)	% ACCOMPLISHMENT			SLIPPAGE TOTAL		REMARKS
		Previous Total	Report Period	Total Current	Previous	As of Report period	
PACKAGE I:							
1. Libmanan Br.-Cabusao Sect., (R.L. UMALI CONST.)	July 30, 1982	96.56%	1.78%	98.3[illegible]% *	1.01% (-)	1.65% (-)	work progress was satisfactory.
2. Calabanga-Sibobo Sect., (PRAGMATIC DEV.CONST.CORP.)	August 26, 1982	96.50%	3.43%	99.93% *	1.40% (-)	0.60% (+)	COMPLETED
3. Sibobo-Tinambac Sect., (GOLDROCK CONST. - DEV. CORP.)	August 28, 1982	85.11%	12.70%	97.81% *	25.70% (-)	2.27% (-)	Work progress was satisfactory.
4. Danao - Pasacao Rd. (MAROSA ENTERPRISES)	August 22, 1982	89.90%	7.07%	96.97% *	4.92% (-)	2.58% (-)	- do -
5. Tigman - Himuragat Brs. (A.B. AGUINALDO CONST.)	March 30, 1982	91.18%	5.90%	97.08%	17.93% (-)	17.93% (-)	Substantially Completed.
PACKAGE II:							
6. Minalabac-Antipolo-Hubo Rd.(Polytrade Const.&Dev. Corp.)	May 27, 1982	100%	-	100%	NONE	NONE	
7. Pili-Mataoroc Rd. (ARM CONST. & DEV. CORP.)	January [illegible] 1983	54.71%	31.49%	86.20% *	1.43% (+)	13.09% (+)	
8. Palistina-San Antonio-Minalabac Rd. (SOUTH MOTORIST ENTERPRISES)	June 21, 1983	66.71%	5.23%	71.94% *	19.89% (-)	20.01% (-)	

BEST AVAILABLE DOCUMENT

Bicol Secondary and Feeder Rds. Project
TARGET DATE & SUMMARY OF TOTAL ACCUMULATED % ACCOMPLISHMENT
AS OF AUGUST 31, 1982

NAME OF CONTRACT SECTION (Contractor)	TARGET DATE (Revised, latest)	% ACCOMPLISHMENT			SLIPPAGE TOTAL		REMARKS
		Previous Total	Report Period	Total Current	Previous	As of Report period	
PACKAGE III:		-					
9. Iriga-Salvacion-Buhi Rd. (ROCROCK CONST.)	August 26, 1982	98.20%	1.80%	100%	0.21% (-)	-	COMPLETED
10. Polangui-Lidong-Buhi Rd., (Continuations of Sub-project No. 13-A & 13-B, Polangui-Lidong & Buhi-Lidong Sects.respectively).	August 21, 1982	85.10%	14.90%	100%	4.90 (-)	-	- do -
PACKAGE IV:							
11. Libon-Bugpo Sect., V.P. EUSEBIO CONST.)	October 14, 1982	93.05%	5.40%	98.45%	0.97% (+)	8.20% (-)	Substantially Completed.
12. Bugpo-San Juan Sect., 51st Engineering Brigage PA.)	April 28, 1982	50.21%	0.17%	50.38% *	49.79% (-)	49.62% (-)	Practically no progress.
13. Polangui-Masisi Sect., (WILLIAM UY CONST. CORP.)	Ocotber 18, 1982	70.03%	3.22%	73.25 *	18.75% (-)	13.30%(-)	slight improvement.
14. Nabua-San Agustin Sect., (FEO, Cam. Sur) (Continuation of contract VI-A, & VI-B, Nabua-San Agustin Rd.)	August 23, 1982	72.42%	18.36%	90.78% *	26.98% (-)	9.22% (-)	Progress satisfactory.

NOTE: Completed Sects. (12 already) are not included in this summary.
* Accomplishment under new contracts only (does not include accomplishment when the sects. were terminated).

PREPARED BY:
(SGD)
VIVENCIO L. PANGANIBAN
Chief, Monitoring Section

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

SUBJECT: NARRATIVE REPORT AS OF AUGUST 31, 1982

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 succeding item; PROGRESS AND ACCOMPLISHMENT".

VII. Meeting and Conferences:

PROGRESS AND ACCOMPLISHMENT:

The Detailed Engineering and 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, sixteen (16) of them, as of report are already completed. The section's individual status as follows:

PACKAGE I - (All in Camarines Sur)

1. San Isidro-Libmanan Br. Sect., Contract I, 100% complete, inaugurated September, 1979;
2. Libmanan Br.-Cabusao Sect., Contract II, Sub-project No. 1; 62.64% complete; when terminated (11/24/80). Accomplishment under new contract is 98.34%, estimated to be 36.74 of entire project, hence the total project implementation is 99.38% (62.64%+36.74). Progress on contract is 1.65% behind schedule, with target date (July 30, 1982);
3. Calabanga-Manguiring Br. Section (Changed to Calabanga-Sibobo Sect.) Contract 1, Sub-project No.3,

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65.53% complete when terminated (11/24/80). Accomplishment on new contract is 99.93% (equivalent to 32.27% of the whole project weight). Total accomplishment (includes that of original contractor, the cementing of 1.15 km. by the Force Account and the new contractor) is 99.98 (65.53%+2.18% + 32.27) complete. Progress of the new contractor is 0.50% ahead of PERT/CPM schedule, with target date (Aug. 26, 82).

4. Calabanga-Tinambac (Bridges Sect.) Contract III, Sub-project No. 5, 100% complete as of August 31, 1982 Report.
5. Manguiring-Tinambac Sect. (Changed to Sibobo-Tinambac Sect) Contract II, Sub-project No. 3, 28.24% complete, 27.93% behind PERT/CPM (Nov. 1980) when terminated (11/24/80). Accomplishment on new contract is 97.81% (equivalent to 70.19% of the total project weight). Total accomplishment (includes that of original and present contractor Goldrock Const.) is 98.43% (28.24 + 70.19%). Progress of new contractor is 2.27% behind new contractor's PERT/CPM Schedule (revised, 12/15/81, with target date-(August 26, 1982).
6. Danao-Pasacao Rd., Sub-project No.2, 58.14% complete as finally corrected, 41.68% behind PERT/CPM schedule, when terminated (3/2/81). Accomplishment on the new contract is 66.97% (equivalent to 40.59% of the total weight). Total accumulated accomplishment (includes that of original and present contractors) is 98.73% (58.14% + 40.59) complete. Accomplishment on the new contract is 2.58% behind PERT/CPM (target date -August 22, 1982.)
7. Tigman and Himuragat Bridges, Contract IV, Sub-project No. 3, 97.08% complete, 17.93% behind schedule (March 30, 1982 - target date).

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% complete (September 6, 1980).
9. Pili-Mataoroc Road, Sub-project No.5, 93.12% (76.11% as corrected) complete when terminated. Accomplishment under new contractor (ABM CONST.) 86.20%, equivalent to 20.59% of the total project weight and is 13.09% ahead of schedule, with January 11, 1983 as target date. Accumulated accomplishment is 96.70% (76.11% + 20.59).

9. Minalabac-Hubo Road, Sub-project No.4% 100% complete as of May 21, 1982.

10. Palistina-San Antonio-Minalabac Road, Sub-project No. 6, 30.01% complete, 40.95% behinad schedule (rev. Oct. 1980) when terminated (4/9/81). New contractor's accomplishment is 71.94%, equivalent to 50.35% of entire project weight; hence total accumulated accomplishment is 80.36 (30.01% when terminated + 50.35 by new contractor). New contractor's progress is 20.01% behind schedule, with June 21, 1983 as target date.

PACKAGE II.

12. Sto. Domingo-Ombao Raod, Sub-project No. 7, 100% complete (August 19, 1981).

13. Polangui-Lidong Sect., Sub-project No. 13-A. Terminated, rebidded (5/7/81); 82.8% complete, 17.2% behind schedule (rev. August 1979) when terminated. Continuation of remaining items (Asphalt-paving DBST) included with remaining items of Buhi-Lidong Section, Sub-project 13-B, forming the new section of Polangui-Lidong-Buhi, under the new contractor (LALS CONSTRUCTION). Operational activities started since August 11, 1981. Completed as of July 31, 1982 report.

14. Buhi-Lidong, Sub-project No. 13-B, rebidded (5/7/81); 63.83% complete when terminated. The remaining work items were combined with the remaining items of Polangui-Lidong Section, Sub-project No. 13-A, forming the new section of Polangui-Lidong-Buhi under LALS CONST.. Accumulated accomplishment (included that of original and current contractors) to date is 100% (63.83% + 36.17%). Accomplishment on the new contract is 100% (equivalent to 36.17% of the entire project weight.) with August 21, 1982, as target date.

NOTE: Progress of Polangui-Lidong-Buhi Section, Sub-projects 13-A, & 13-B respectively is 100%.

15. Iriga-Salvacion (Bato), Sub-project No. 12, 44.33% complete, 55.67% behind schedule (revised June 1, 1980) when terminated (11/24/80). Accomplishment of the new contractor (Moonrock Const.) is 100%; equivalent to 55.67% of the total percent weight of the project. Total accumulated accomplishment of the new project is 100% (44.33% + 55.67%) complete.

16 Topaz-Palsong-Bula Rd., Sub-project No.8, 100% complete (As of March 17, 1980).

PACKAGE I - (Part of contract 16 and 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)

18 Tandaay-San Juan Section, 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) when terminated (11/24/80). Accomplishment of the new contractor is 98.45%; equivalent to 25.20 of the total project weight. Total accumulated accomplishment is 99.60%(74.40% + 25.20). Progress on the new contract is 8.20% ahead of schedule (target date - October 2, 1982);

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) when rescinded by MPWH. For continuation by the PEO of Camarines Sur under a Memorandum of Agreement with MPWH. Work under new contract is 64.57%, equivalent to 5.74% of total project weight and is 9.22% behind schedule. Total accomplishment is 96.85% (91.11% + 5.74%).

21. Contract VI-B, Nabua-San Agustin Road, Sub-project No. 9, 82.22% complete; 17.78% behind schedule (revised as February 18, 1980); when terminated (3/17/81); being continued by PEO of Camarines Sur. Official starts of working time, March 15, 1982. Accomplishment under new contract is 100%, equivalent to 17.78% of whole project weight. Total accumulated accomplishment is 100% (82.22% + 17.78%). The continuation of Contract VI-A & VI-B, Nabua-San Agustin Rd. are combined into one contract section, the construction of which is being undertaken by the PEO of Camarines Sur; the accumulated progress is 90.78% complete; 9.22% behind schedule.

22. Contract VI-C, Nabua-San Agustin Road, Sub-project No.9, 100% complete as of October 31, 1980;

23. Contract IV, 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) when terminated (2/10/81); being continued by the 51st Eng'ng. Brigade, Phil. Army. Accomplishment on the new contract is 50.33%; (equivalent to 15.08% of

the entire project); 49.62% behind schedule (new contractor's schedule). Total accomplishment (include orig. and current contractors) is 85.14% (70.06% + 15.08), target date - April 28, 1982 (original);

24. Contract V-A, Polangui-Nasisi Section, Sub-project No.14, 35.69% complete (as inventoried), 64.31% behind schedule (revised as of October 31, 1980) when terminated (11/24/80). Accomplishment of the new contractor (William Uy Const.) is 3.25%; equivalent to 47.11% of the total project weight, making the total accomplishment for the new contract section to be 82.80% (35.69% + 47.11%). Progress on the new contract is 13.30% behind the new contract's schedule, target date - August 23, 1982 (revised);
25. Contract VI-B, Polangui-Nasisi Sect., (bridges) Sub-project No. 14, completed on March 31, 1981.
26. Contract II-Tandaay-San Juan Bato Sect. (Bridges), Sub-project No. 11, completed May 31, 1980.

PARCELLARY SURVEY AND MAPPING OF RIGHT-OF-WAYS:

COMPLETED AS OF MAY 31, 1978.

III. CONTINUED RIGHT-OF-WAYS ACQUISITION:

Road-Right-Of-Ways Acqusition work is being pursued vigorously by PMO personnel. Concerned contractors and A & E Consultants are extending hands to help this RROW acquisition job in their respective 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, 95% complete.

(c) Sto. Domingo-Bula-Ombao Road, Sub-project No.7, Package II, 100% (land and RROW Forms signed by owners) and 100% for improvements.

(d) Pili-Mataoroc Road, Sub-project No.5, Package II, 100% complete both land (RROW Forms signed by owners) and improvements;

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

(f) Calabanga-Maguiring Bridge Section, Contract I, Sub-project No.3, Package I, Secondary and Feeder Road Section, 100% and 98% complete respectively (land-ROW Forms signed by owners);

(g) Polangui-Lidong Sect., Sub-project No. 13-A, Package II, 100% complete (land and improvements);

(h) Buhi-Lidong Sect., Sub-project No. 13-B, Package III, complete;

(i) Tandaay-San Juan Sect., Contract II-A, Sub-project No. II, Package IV, 100% complete (land and improvements);

(j) Libon-Nugpo Sect., Contract III, Sub-project No. 11, Package I , Secondary Section 100%, land and improvements.

(k) Nabua-Tandaay Section, Contract I, Sub-project No. 11, Package I , Secondary and Feeder Road Section, 100% and 100% complete respectively, land and improvements;

(l) Manguiring Br.-Tinambac Sect., Sub-project No. 3, Contract II I, Package I, 98% complete

(n) Polangui-Nasisi Sect., Contract V-A, Sub-project No.4, Package IV 95% (land and improvements).

(o) San Juan Nugpo-Section, Contract IV, 95% (land and improvements);

(p) Danao-Tasacao Road, Sub-project No. 2, Package I, Secondary 100%, Feeder roads 100% complete respectively;

(q) Palistina-Minalabac Road (Secondary and Feeder Road Section), Sub-project No.6, Package II, 88% complete;

(r) Minalabac-Antipolo-Hubo Road, Sub-project No.4, Package II, Secondary and Feeder Roads, 95%;

(s) Iriga-Salvacion Road, Sub-project No. 12, Package III, 95%;

(u) Tigman and Himuragat Bridges, Contract IV, Sub-project No. 3, Package I, 100% and 98% respectively;

Overall accomplishment for the entire ROW acquisition job, estimated to be 90.00% complete (see ANNEX-J).

IV - CONTINUED MAINTENANCE TRAINING MANAGEMENT (EXTENSION OF TRAINING PROGRAM:

This extension of Training Management Program is a follow-on part of the Maintenance Training Project, which consists generally of Technical assistance and activities that will increase the maintenance commitment of the Local Government Units (LGU).

Activities for the period were: Maintenance monitoring of completed and accepted BSFR based on the maintenance guideline developed by the Maintenance Management Consultant.

A Maintenance Monitoring Team, composed of USAID, BRBDP, PEO/CEO and PMO-MPWH respresentatives have established maintenance monitoring for the completed and accepted BSFR (Bicol Secondary and Feeder Roads) roads, in order to determine the actual improvements of the level of maintenance on the road network facilities.

On August 3 and 17, 1982 respectively, 14 completed and accepted BSFR road sections had been rated. There were two (2) sections rated with only 51%, one (1) 90%, and the rests with ratings, ranging from 65% to 80%.

Further, all maitenance related activities, including work methods training, management applicants, equipment, and road conditions are being followed up by the PMO Maintenance Staff.

Meanwhile, the acquisitions of the Maintenance Equipment for the provinces of Camarines Sur, and Albay, and for the Cities of Naga and Iriga; goes on. The twelve (12) units of Pick-up trucks, the remaining balance of equipment under requisition had already arrived at PMO. Two (2) units of compressor with pavement breaker had already been given to the CEO's of Naga and Iriga Cities (one each).

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

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

(a) 4th Indorsement re-Supplemental No.3, involving amount not exceeding P885,960.00 for construction supervision services for Package III; 7th Indorsement re-change Order No.3 (increase in contract amount of P88,718.00, without extension of contract time) for Libon-Nugpo, under V.P. Eusebio; 2nd Indorsement Re-Change Order No.4 (extension of contract time) for San Juan-Nugpo sect., - all from Director Wenceslao De Guzman;

(b) Supplemental Time Extension No.4, for consultant's construction supervision services for Package II,- from IPI.

(c) Program of Work for proposed additional works (P1,968,200.00) on Libmanan Br.-Cabusao Sect.,- 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., Contract I, Sub project No. I, Package I.
For details of contract section, see Item 1, ANNEX-D.

COMPLETED AS OF AUGUST 1979 report.

VI(b)-Construction of Libmanan Br.-Cabusao Sect., Contract II, Sub project No. 1, Package I.
For details of contract sect., see Item 2, ANNEX-D.

Activities for the period were: (a) Completion of Item 316 (PCCP), (b) Reshaping of feeder roads, (c) Survey works, and (d) Core drilling on PCCP pavement.

Physical accomplishment of major work items to date:

Work Items	Secondary Rd. Sect.	Feeder Rds. Sect.
I ROADS:		
Subbase (Item 107)	9.384 kms.(100%)	9.33 km. (100%)
Subbase (Item 108)	9.384 " (100%)	"
Pavement(Item 316)	9.384 " (100%)	(Serves as surfacing)
II BRIDGES:		
Substructure	23.2 LM.(100%)	24.00 LM. (100%)
Superstructure	23.2 LM.(100%)	24.00 LM.(Tb.Te) (100%)

Total accomplishment of the contract section when terminated is 62.64%.

Accomplishment under the new contract is 88.34%, equivalent to 36.74% of the total project weight; hence total accomplishment to date is 99.38% (62.64% + 36.74%) complete. Progress under new contract is 1.65% behind schedule, see ANNEX-F-5. Percent time elapsed is 106.63%.

VI(c)-Construction of Calabanga-Sibobo Sect., (Formerly Calabanga-Manguiring Sect.) Contract I, Sub-project No. 1, Package I.
For details of contract section, see Item 3, ANNEX-D.

Generally, activities for the period were (a) Post Construction Survey, earthwork operation, (b) Form preparation and concrete paving works for Items 316, 405 and concrete barriers, (c) Painting concrete barriers, (d) Construction of embankment protection (Grouted Riprap and Hand laid Rock), (e) Asphalting (Item 314) at Feeder Road 301.

Physical accomplishment of major work items to date:

Work Item	Secondary Rds. Sect.	Feeder Rds. Sect.
I ROADS:		
Subgrade	11.478 kms.(100%)	18.18 kms.(99.[illegible]) complete
Subbase	11.478 kms(100%)	17.86 kms.(92.[illegible]) (Serves as surfacing)
PCCP Pavement	11.483 "(100%)	Asph. Pavement (completed)

Total accomplishment of the contract section under the new contract is 99.93% (equivalent to 32.27% of the entire project weight), thus the total project accomplishment (by previous contractor + Reg. V Const. Team + new contractor is 0.60% ahead of PERT/CPM Schedule (2nd revision, dated December 1981), see ANNEX-F-2.

VI(d)-Construction of Calabanga-Tinambac (Bridges) Sect., Contract III, Sub-project No.3, Package I.
For details of contract section, see Item 4, ANNEX-D.

COMPLETED AS OF JULY 1981 REPORT.

VI(e)-Const. of Sibobo-Tinambac Sect., Contract II(Formerly Mangui-RIng Bridge-Tinambac Sect.) Sub-project No. 3, Package I.
For details of contract section, see Item 5, ANNEX-D.

Generally activities for the period were:

A. For Secondary Rd. Sect. - Roadway and Drainage Excavation, Aggregate subbase work (Item 108), gravel Base Course (Item 200) work, Riprapping (Item 500-Grouted and Loose) work, and painting (black and yellow) concrete pavement.

B. For Feeder Rd. Sect. - Aggreagate base work (Item 108) in progress.

Physical accomplishment of major work items to date:

Work Items	:Secondary Rd. Sect.	:Feeder Rds. Sect.
I ROADS:		
Subgrade(Item 107)	:9.32 kms.(78,57%)	: 6.775 kms.(98.1[illegible])
Subbase (Item 108)	:9.325 " (78.57%)	: 6.775 "(98.18%)
B e (Item 200)	:9.325 " (78.578%)	:
S facing	: NONE)	:
NO BRIDGE INVOLVED	:	:

Total accomplishment of the new contract to date (asph. deletion considered) is 97.81%, weighted to be 70.19%, hence accumulated accomplishment is 98.43% (28.24% when terminated + 70.19% new contractor's) complete. Progress in the new contract is 2.27% behind schedule (2nd revision), see ANNEX-F-1. Percent time elapsed is 98.21%.

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

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

Generally activities for the period were: Survey works. Base preparation and form setting for Item 316, concrete paving (Item 316), - Riprapping work.

Physical accomplishment of major work items to date:

Work Items	:Secondary Rd. Sect	: Feeder Road Sect
I ROADS:		
Subgrade(Item 107)	:8.883 kms.(100%) completed	: 14.01 kms.(94.1[illegible])
Subbase(Item 108)	:8.883 kms.(100%) completed	: 11.79 kms.(79%)
PCCP Pavement	:56,268.sq.m.(100%)	
II BRIDGE(ODICON BR.)		
Substructure	: Completed	:Tb.Te. Brs. Nos. 1,2,3&4 completed
Superstructure	: Completed	:

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Accumulated accomplishment is 98.73% (58.14% when terminated + 40.59% by the new contractor). Progress of the new contractor is 96.97% (equivalent to 40.50% of the total project weight), and in 2.58% behind schedule, with percent time elapsed of 99.44%, see ANNEX-F-3.

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

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

Generally activities for the period were:
(a) Concrete paving work of bridge approaches.
(b) Earthwork operations

Physical accomplishment of major work items to date:

A. Tigman, Re-alignement and Bridges:

Substructure - completed
Superstructure - "
PCCP Pavement -completed
Riprapping work -completed

B. Himuragat, Re-alignment and Bridge:

Substructure - completed
Superstructure - "
Earthwork - Filling (Item 107) of abutments "B" completed, Subbase (Item 108) partially completed.
Riprapping work - Partially completed.
PCCP Pavement (1st and 2nd approaches) - work still in progress 32 LM. (half width) already completed.

Total accomplishment of the contract section is 97.0[illegible]; 17.93% behind schedule as of March 30, 1982 (Target date), per PERT/CPM, revised March 1982, see ANNEX-F-4.

VI(h)-Construction of Naga-Carolina Rd., Sub-project No. 10, Package II.

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

PROJECT COMPLETED & ACCEPTED AS OF SEPT. 6, 1980.

VI(i)-Construction of Pili-Mataoroc Rd., Sub-project No.5, Packa[illegible]
For details of contract section, see Item 9, ANNEX-D.

This project was terminated from original contractor on July 8, 1981.

Activities of the new contractor (ARM CONT.) for the period:

Generally, contractor's activities were for the finishing and completion work on all feeder roads, and aggregates base course's and structures' work on the Secondary road.

Accomplishment of work items to date:
(Includes accomplishment of previous contractor)

Work Item	Secondary Rd. Sect.	Feeder Rds. Sect.
I ROADS:		
Subgrade	8.988 kms.	12.67 kms.
Subbase	8.888 "	12.67 " (serves as surfacing)
Base	6.890 kms.	
Surfacing	None	
II BRIDGES:		
Substructure	10.60 LM.	180 LM. (RC)
Superstructure	10.60 LM. (RCDG)	180 LM. (TB.TE.)

Total accomplishment of the contract section is 93.12% (76.11% as corrected), estimated to be 6.68% (23.89% as corrected) behind schedule (revised Sept. 25, 1980, 8th revision) and a time overrun of 7 months when terminated (7/8/81).

Accomplishment under new contract is 86.199%; equivalent to 20.59% of the total project weight; and is 1.43% ahead of schedule, see ANNEX-G-1.

Total accumulated accomplishment is 96.70% (76.11% + 20.59).

Abrubt increase in percentage accomplishment is due to the deletion of Items 302, 314-1 and 314-3.

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VI(j)-Construction of Minalabac-Antipolo-Hubo Rd., Sub-project No.4, Package II.

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

COMPLETED (FINAL INSPECTION AND ACCEPTANCE, JUNE 29, 1982).

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.

A. For Secondary Rd. Sect.- Const. survey, Hauling of Items 107, 108, and 200, and Excavation of unsuitable materials. Maydaso RCDG Bridge (3-span @ 10.M), formerly Malitbog Br.- 100% complete, including grouted riprap at Abutments A & B.

B. For Feeder Rds. Sect - Hauling Items 107, 108; removal of unsuitable materials and const. survey. Taririk Tb. Te. Br. (7 span @ 6.M. per span) - 100% completed). Baras Tb. Te. Br. (3 spans @ 6 M. per span) - Squarehole and Formworks for Test pile driving already set. Detour Bridge over Baras Creek completed.

Physical accomplishment of major work items to date:
(Includes accomplishment of orig. contractor)

Work Items	Secondary Rd. Sect.	Feeder Rds. Sect.
I ROADS:		
Subgrade	8.225 kms.	3.35 kms.
Subbase	8.00 "	1.2 kms.
Base	3.70 "	
Surfacing	None	
II BRIDGES:		
Malitbog Br.(3 spans RCDG @ 6.00 M. 100% completed)		
Taririk Bridge (7 spans @ 6.00 m. TB.TE.)		100% complete.

Accomplishment of contract section when terminated is 30.01%, 40.95% behind schedule (rev. October 30, 1980, 1st revision.).

Accomplishment under new contract is 71.94%, equivalent 50.35% of the entire project weight; and is 20.01% behind schedule, with time elapsed of 71.67%, see ANNEX-[illegible] .

Total accomplishment of the entire project is 80.36% (30.01% when terminated by the new contractor).

VI(l)-Construction of Sto. Domingo-Bula-Ombao Rd., 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 Section, Sub-project No. 13-[illegible], Package III.
For details of contract section, see Item 13, ANNEX-D.

COMPLETED AS OF JUNE 30, 1982.

VI(N)-Construction of Buhi-Lidong Section, Sub-project No. 13-B , Package III.
For details of contract section, see Item 14, ANNEX-D.

COMPLETED, AUGUST 21, 1982

Deficiencies noted during the final inspection (August 24, 1982) being corrected by the contractor.

VI(o)-Construction of Iriga-Salvacion Rd., Sub-project NO. 12, Package III.
For details of contract sect., see Item 15, ANNEX-D.

COMPLETED AS OF AUGUST 26, 1982.

Minor corrections noted during the final inspection are being corrected by the contractor.

VI(p)-Construction of Topaz-Palsong-Bula Rd., Sub-project No.8, Package III.
For details of contract sect. see Item 17, ANNEX-D.

COMPLETD AS OF MARCH 17, 1982.

VI(q)-Construction of Nabua-Tandaay Sect., Contract III, Sub-project No. 11, Package IV.
For details of contract section, see Item 17, ANNEX-D.

COMPLETED AS OF JULY 1981 REPORT.

VI(r)-Construction of Tandaay-San Juan Sect., Contract I, Sub-project No. 11, Package IV.
For details of contract sect., 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 IV.
For details of contract sect., see Item 19, ANNEX-D.

Generally, activities for the period were:
PCCP paving, earthwork and subbase, and restoration of damages caused by floods during typhoon "EMANG".

Physical accomplishment of major work items to date:
(Includes accomplishment of original contractor)

Work Items	Secondary Rd.Sect.	Feeder rds.
I ROADS:		
Subgrade	8.25 kms.	14,522 kms.
Base	8.25 kms.	14.522 kms. (serves as surfacing
PCCP Pavement	7.765 kms.	
II BRIDGES: (Along Secondary Rd.) PAKLAS/ PAKLAS II/PAKLAS III		
Substructure	completed	
Superstructure	- do -	
Grouted Riprap	- do -	

Total accomplishment when terminated (11/24/80) is 74.40%; 25.60% behind schedule. Accomplishment under new contract is 98.45%, equivalent to 25.20% of the total project weight, and is 8.20% ahead of schedule (see ANNEX-I-2). Total accumulated accomplishment is 99.60% (74.40%+25.20%).

VI(t)-Construction of Nabua-San Agustin Rd., Contract VI-A, Subproject No. 9, Package IV.

For details of contract sect., see Item 20, ANNEX-D.

This contract section is 91.11% complete when rescinded (10/12/8 by MPWH from original contractor; together with Contract VI-B (same road), this section is for continuation by the PEO, Camarines Sur.

Activities during the period were:

Clearing the spillway of debris and muddy soil, final grading of subbase, and concrete paving work.

Physical accomplishment of major work items to date:

Work Items	Secondary Rd. Sect	Feeder Rds. Sect
ROADS:		
Subbase	2.0 kms.	
Base	1.80 kms.	
Pavement	1.80 kms.	
II STRUCTURES:		
910 mm Ø RCPC	10.00 LM.	
1070 mm Ø RCPC	50.50 LM.	
Concrete Class "A"	155 m^3	
Grouted Riprap	532 m^3	

The new contract is 64.56% complete, equivalent to 5.74% of the total project weight and is 9.22% behind schedule.

Total accumulated accomplishment is 96.85% (91.11% + 5.74%).

VI(u)-Construction of Nabua-San Agustin Rd., Contract VI-B, Subproject No.9, Package IV.

For details of contract sect., see Item 21, ANNEX-D.

COMPLETED AS OF AUGUST 24, 1982.

VI(v)-Construction of Nabua-San Agustin Rd., Contract VI-C, Subproject No. 9, Package IV.

For details of contract sect., see Item 22, ANNEX-D.

COMPLETED AS OF DEC. 31, 1980 REPORT.

VI(w)-Construction of Numo-San Juan (Batu), Contract IV, Sub-project No. 11, Package IV.
For details of contract sect., see Item 23, ANNEX-D.

Generally activities for the period were:

Roadway and drainage excavation, hauling and spreading of Item 108, and restoration work of scoured embankment and Item 108 caused by typhoon "EMANG".

Physical accomplishment of major work item to date:
(Includes accomplishment of original contractor)

Work Items	Secondary Rd. Sect.	Feeder Rds. Sect
I ROADS:		
Subgrade	8.13 kms.	18.594 kms.
Subbase	8.00 "	10.88 " (serves as surf.
II BRIDGES:		
Anoling Br.	Completed	
Buluang Br.	- do -	

Total accomplishment of the contract section when terminated (2/20/81) is 74.18% (70.06% as finally inventoried complete. Accomplishment of the new contract is 50.38% equivalent to 15.08% of the entire project weight. Total accomplishment on this project is 85.14% (70.06%/+15.08). Progress under new contract is 40.62% behind schedule, see ANNEX-D.

VI(x)-Construction of Polangui-Nasisi Sect., Contract V, Sub-project No. 14, Package IV.
For details of contract sect., see Item 24, ANNEX-D.

Generally, activities for the period were:

A. For Secondary Sect.- Earthwork, subbase, base, asphalting and concrete paving works.
B. For Feeder Rds. Sect. -
Feeder Rd, No. 1-Earthwork and subbase work.
" " " 2-Concrete paving on spillway (sta. 12+[illegible] to 12+389.09) completed.

Physical accomplishment of major work items to date:
(Includes accomplishment of previous contractor)

No	Items	Secondary Rd. Sect.	Feeder Rds. Sect
I	ADS:		
	Subgrade	12.86 kms.	3.227 kms.
	Subbase	12.60 kms.	0.26 "
	Surfacing (PCCP)	891.10 LM.(halfwidth)	(Serves as surfacing)
	Surfacing (ASPH.)	2.84 kms.	
II	P		
	610 mm ø	204 LM.	
	910 mm ø	53 LM.	
	1220 mm ø	28 LM.	

Accomplishment when contract was terminated -35.69%.

Total accomplishment of the new contract section is 73.25%, equivalent to 47.10% of the total project weight. Accumulated accomplishment is 82.79% (35.69% + 47.10%). Progress on the new contract is 13.30% behind new contractor's schedule, see ANNEX-I-7.

VI(y)-Construction of Polangui-Nasisi (Bridges) Section, Contract V-B, Sub-project No. 11, Package IV.
For details of contract section, see Item 25, ANNEX-D.

COMPLETED AS OF MARCH 31, 1981 REPORT.

VI(z)-Construction of Tandaay-San Juan Section, (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 schedule.

SUMMARY OF ACCOMPLISHMENT:

For all construction work, the total accomplishment is 97.40%, estimated to be 2.6% behind schedule (revised, 2nd revision with August 28, 1982 as target date), see ANNEX-I-A.

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Overall progress (all phases of work for the implementation considered) is 97.43%; 1.53% behind schedule (revised, as of July 31, 1982, 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- MEETING AND CONFERENCES:

On August 18, 1982, the monthly regular meeting among the PMO Staff Consultants, and contractors was held at the Project Managemen Office (PMO), Concepcion Grande, Naga City.

The Executive and Assistant Executive Directors for PADAP, BRBDP & SIRDP, Wenceslao C. De Guzman and Federico de Leon respectively, and Mr. Charles Stevens of USAID were among those who attended said meeting.

The meeting dealt principally on the progress reporting of various on-going projects, problems encountered, measures taken, or proposed to be taken.

Meeting was adjourned at 6:15 PM.

Minutes of said meeting, marked as ANNEX-"K" per this report.

OTHER RELEVANT INFORMATIONS:

(a) PMO's Financial Status - - - - - - - - - - - -ANNEX-A.
(b) Financial Plan and Cash Flow - - - - - - - - -ANNEX-B.
(c) PMO's Manpower and Major Equipment - - - - - -ANNEX-C.
(d) Details of Contract Section under construction - - - - - - - - - - - - - - - - - - - ANNEX-D.
(f-1) PERT/CPM Network-Sibobo-Tinambac Section - -ANNEX-F-1.
(f-2) Pert/CPM Network Calabanga-Sibobo Tinambac Section - - - - - - - - - - - - - - - - - - - ANNEX-F-2.
(f-3) PERT/CPM Network Danao-Pasacao Rd. - - - - -ANNEX-F-3.
(f-4) " " " Tigman and Himuragat - - - - ANNEX-F-4.
(f-5) " " " Libmanan Bridge-Cabusao Section -ANNEX-F-5.
(g-1) Bar Schedule of Pili-Mataoroc Rd. - - - - - ANNEX-G-1.
(g-3) Bar Schedule of Work Palistina-San Antonio Minalabac - - - - - - - - - - - - - - - - - - - ANNEX-G-3.

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(i-1a) Progress Road - - - - - - - - - - - - - - - - - -
(i-1b) Program of Work and Progress Chart of Nabua-San Agustin, Cont. VI-A & VI-B- - - - - - -ANNEX-I-1
(-2) Program of Work and Progress Chart of Libon-Nugpo Section - - - - - - - - - - - -ANNEX-I-2.
(-6) Program of Work and Progress Chart, Nugpo-San Juan - - - - - - - - - - - - - - - - - - ANNEX-I-6.
(-7) Program of Work and Progress Char, Polangui-Nasisi Rd., Contract V-A - - - - - - - - - ANNEX-I-7.
( ) Progress Chart (Construction of Bicol Secondary and Feeder Road) - - - - - - - - -ANNEX-I-A.
(i b) Status Report as of July 31, 1982 - - - - 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 Road) - - ------ - - - - - - - - - -ANNEX-J.
(k) Minutes of August 18, 1982 monthly meeting -ANNEX-K.

PROBLEMS, COMMENTS/OR RECOMMENDATIONS:

Generally, there was no major problem encountered during the period. However, construction progress of the following contract sections was affected respectively by:

(a) Bad weather condition - San Juan-Nugpo Sect., particularly Feeder Rd. No. 18; and Palistina-San Antonio-Minalabac Rd.
(b) MAR Const. Activities-Pili-Mataoroc Rd.(MAR Contractor's heavy equipment passing this road deteriorates the road under construction).

Concerned contractors in (a) were advised to work vigorously, and to render overtime when the weather is good.

Contractor's Project Engineer for Pili-Mataoroc Rd. suggested that said Pili-Mataoroc Rd. should be closed until August 28, 1982 (target date), and MAR was amenable.

PREPARED BY:

VIVENCIO L. PANGANIBAN
Chief, Monitoring Section

CHECKED BY:

DOMINGO R. RAYCO
Chief, Operation Division

SUBMITTED BY:

ANGEL E. SALVADOR
Project Manager

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STATUS OF FUNDS
BREDP - PNO NAGA CITY
As of August 31, 1982

ANNEX-A

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	8-08-75	- - - - - - - - - - - -	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	3-15-79	- - - - - - - - - - - -	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	10-06-79	- - - - - - - - - - - -	14,990,000.00
272	12-02-79	- - - - - - - - - - - -	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	12-15-80	- - - - - - - - - - - -	20,000,000.00
00773	12-29-80	- - - - - - - - - - - -	8,500,000.00
00873	3-27-81	- - - - - - - - - - - -	24,230,549.00
00878	5-14-81	- - - - - - - - - - - -	760,000.00
0092	11-13-81	- - - - - - - - - - - -	5,500,000.00
0224	3-12-82	- - - - - - - - - - - -	5,000,000.00
0244	3-29-82	- - - - - - - - - - - -	983,784.64
0270	6-4-82	- - - - - - - - - - - -	1,928,658.38
0290	7-16-82	- - - - - - - - - - - -	80,100.00
0303	8-16-82	- - - - - - - - - - - -	410,883.44
Total Allotment Received		- - - - - - - - - - - - P	269,618,023.46
Less: Expenditures for:			
Personal Services - - - - - P		4,394,099.22	
Maintenance Training - - -		261,818.46	
Maintenance &Other Operating Exp. -		5,908,553.50	
Capital Outlay - - - - - -		919,546.25	
Equpment Outlay - - - - -		604,551.16	
Economic Evaluation - - - -		2, 361,020.11	
Parcellary Survey - - - - -		1,383,530.00	
Detailed Engineering - - - -		7,996,238.80	
Direct Cost (Supp'n A&B) -		35,159,593.15	
Direct Cost (Construction)-		205,484,532.29	
Right-Of-Way Improvement-		1,630,637.71	
Bessang Pass(Security Services)-		43,970.00	
Total Expenditure to date		- - - - - - - - - - - - P	266,148,090.65
Balance		- - - - - - - - - - - - P	3,469,932.81
Less: Unliquidated Contract		- - - - - - - - - - - -	2,805,137.11
Unobligated Allotment		- - - - - - - - - - - - P	664,795.70

CERTIFIED CORRECT:

ANDREA M. O'BRIEN
Chief, Accountant

NOTED:

ANGEL E. SALVADOR
Project Manager

NOTE: Funds retained and disbursed in the MTWS Central Office, Manila, are not included herein

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SUBMITTED BY: PMO ACCOUNTING SECTION

DATE SUBMITTED: SEPTEMBER 2, 1982

Bicol Secondary and Feeder Roads P
FINANCIAL PLAN AND CASH FLOW
For Detailed Engineering Parcellary Sur
AS OF AUGUST 31, 1982

PACK. NO.	NAME AND SUB PROJECT NUMBER (Contractor)	CONTRACT COST		
		ORIGINAL	REVISED	FINAL
I	C. CONSTRUCTION SUPERVISION: Techniks Planners Inc.	₱4,877,262.00	₱4,342,737.60 (reqt'd ext.cost up to Oct. 1981)	
II	Integrated Philconsult Inc.	₱3,610,682.92	₱2,662,898.95 (reqt'd ext. cost)	
III	DCCD Engineering Corp.	₱4,640,850.00	₱2,430,450.00 (reqt's ext. cost)	
IV	Certeza Development Corp.	₱5,780,105.00	₱3,676,214.00 (reqt'd ext. cost)	
	TOTAL FOR CONSTRUCTION SUPERVISION	₱18,908,889.92	₱13,112,300.55 (reqt'd ext. cost)	
I	D. CONSTRUCTION: 1. Const. of San Isidro-Libmanan Br. Sect., Contract I, Package I, (R.L. UMALI CONST.)	₱14,062,106.60	₱13,560,040.85	
IV	2. Const. of Nabua-Tandaay Contract I, Sub-proj. No. 11, (S.P. DACER CONST.)	₱16,705,106.00		₱15,159,660.94
II	3. Const. of Naga-Carolina Rd., Sub-proj. No. 10, (BALM CONST.)	₱11,148,640.00		₱12,324,405.00
III	4. Const. of Buhi-Lidong Sect., Sub-proj. No. 13-B, JPY CONST. INC. (orig.) part of Sub-project No. 1, (Above)continuation(LALS CONST.)	₱10,647,071.50 ₱6,135,119.66		
III	5. Const. of Polangui-Lidong Sect., Sub-proj. No. 1, (WILLIAM UY CONST. orig.) part of Sub-proj. No. 11,(above)continuation (LALS CONST. NEW) Asphalting	₱14,435,354.00 Amount already included Buhi-Lidong Sect.		
IV	6. Const. of Lilon-New Sect. Sub-proj No. 11, (DIMSON [illegible] orig.) V.P. EUSEBIO CONST. New Continuation)	₱20,[illegible],428.00		
IV	7. Const. of Tandaay-San Juan Sect., Contract II, Sub-project No. 11, (F.F. CRUZ & COM. INC.)	₱17,278,344.00		

l Secondary and Feeder Roads Project
FINANCIAL PLAN AND CASH FLOW
led Engineering Parcellary Survey & Const.
AS OF AUGUST 31, 1982

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ST			COMMITMENTS		FUNDS REQUIRED TO					
	FINAL	TOTAL PREVIOUS	Report Period	TOTAL	1976	1977	1978	1979	1980	1st
ost up)		₱10,077,576.18	₱201,857.35	₱10,279,433.53						₱470,000
cost)		₱7,368,238.24	₱451,779.99	₱7,820,018.23						₱490,000
cost)		₱7,033,509.86	-	₱7,033,509.86						₱465,000
ost)		₱9,716,440.42	₱310,191.11	₱10,026,631.53						₱593,000
ost)		₱34,195,764.70	₱963,828.45	₱35,159,593.15						₱2,018,0
		₱13,881,499.36	-	₱13,881,499.36						
	₱15,159,660.94	₱15,142,358.43	-	₱15,142,338.43						₱3,500,0
	₱12,324,405.00	₱12,314,404.90		₱12,314,404.90						₱448,429
		₱6,657,188.46 *₱1,361,434.67 (Collected in MPWH Central Office.)		₱657,188.46 ₱1,361,434.67						₱63,814
		₱12,665,348.55		₱12,665,348.35 ₱14,701,092.45 ₱1,665,348.35						₱431,442
		₱16,320,674.44		₱16,320,674.44						₱3,420,0
		₱14,413,240.32		₱14,413,240.32						

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ITMENTS		FUNDS REQUIRED TO COMPLETE THE PROJECT								
Period	TOTAL	1976	1977	1978	1979	1980	1st	2nd	3rd	4th
357.35	₱10,279,433.53						₱470,000.00	₱210,000.00	₱620,000.00	₱750,000.0
779.99	₱7,820,018.23						₱490,000.00	₱490,000.00	₱490,000.00	₱490,000.0
-	₱7,033,509.86						₱465,000.00	₱465,000.00	₱465,000.00	₱465,000.0
191.11	₱10,026,631.53						₱593,000.00	₱593,000.00	₱593,000.00	₱593,000.0
328.45	₱35,159,593.15						₱2,018,000.00	₱1,758,000.00	₱2,168,000.00	₱2,029,750
-	₱13,881,499.36									24
-	₱15,142,338.43						₱3,500,000.00	₱100,000.00		
	₱12,314,404.90						₱448,429.30			
	₱657,188.46 ₱1,361,434.67						₱63,814.00			₱3,103,775
	₱12,665,348.35 ₱14,701,092.45 ₱1,665,348.35						₱431,442.00			₱1,163,404
	₱16,[illegible]74.44						₱3,420,000.00	₱1,904,000.00	₱2,828,000.00	₱265,000.0
	₱14,413,240.32									

BEST AVAILABLE DOCUMENT

	FUNDS REQUIRED TO COMPLETE THE PROJECT								
TAL	1976	1977	1978	1979	1980	1st	2nd	3rd	4th
279,433.53						₱470,000.00	₱210,000.00	₱620,000.00	₱750,000.00
20,018.23						₱490,000.00	₱490,000.00	₱490,000.00	₱490,000.00
33,509.86						₱465,000.00	₱465,000.00	₱465,000.00	₱465,000.00
026,631.53						₱593,000.00	₱593,000.00	₱593,000.00	₱593,000.00
159,593.15						₱2,018,000.00	₱1,758,000.00	₱2,168,000.00	₱2,029,750.00
881,499.36									
142,338.43						₱3,500,000.00	₱100,000.00		
314,404.90						₱448,429.30			
,188.46 61,434.67						₱63,814.00			₱3,103,775.00
665,348.35 701,092.45 65,348.35						₱431,442.00			₱1,163,404.00
920,074.44						₱3,420,000.00	₱1,904,000.00	₱2,828,000.00	₱265,000.00
413,240.32									

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SUBMITTED: PMO ACCOUNTING SECTION

DATE SUBMITTED: ~~August~~ Sept 3, 1982

Bicol Secondary and Feeder Rds. Pr
FINANCIAL PLAN AND CASH FLOW
For Detailed Engineering Parcellary Surve
As of ~~Aug~~ Sept. 31, 1982

PACK. NO.	NAME AND SUB PROJECT NUMBER (Contractor)	CONTRACT COST			
		Original	Revised	Final	Total Pr
II	8. Const. of Pili-Mataoroc Rd., Sub-proj. No. 5, (A.B. AGUINALDO CONST.)	P15,377,382.00			P13,099,2
III	9. Const. of Sto. Domingo-Bula-Ombao Rd., Sub-proj. No. 7, (V.P. EBSEBIO CONST.)	P11,488,673.00			P11,684,0
I	10. Const. of Libmanan- Br., Cabusao Sect., Contract II, Sub-proj. No. 1, (R.L. UMALI CONST.)	P12,354,412.60			P7,674,89
I	11. Const. of Calabanga-Manguiring Br. Sect., Contract I, Sub-proj. No. 5. (KAMAGONG BUILDERS & DEV. CORP.) (Orig.) NOTE: Calabanga-Sibobo Sect.(Pragmatic Const. by Force Account Adm).	P8,788,666.50 P1,000,000.00			P5,762,96 P999,928.
I	12. Const. of Calabanga-Tinambac Rd., Br. Contract III, (A.L. SARMIENTO CONST.) orig. The Brs.: Witiwit - - - - P 386,559.76 Tumulus - - - - 307,038.80 Hubo - - - - - - 369,710.12 Tiguib - - - - - 293,273.80 TOTAL - - - - - P 1,356,572.48	P2,145,096.00	P1,356,572.48		P 1,333.2 P384,045. P307,038. P369,710. P293,273.
II	13. Const. of Minalabac-Antipolo-Hubo Rd., Sub-proj. No. 1 (POLYTRADE CONST.)	P12,147,699.00			P14,232,5
IV	14. Const. of Nabua-San Agustin Contract VI-A, Sub-proj. No. 7, (M.D. FORONDA CONST.)	P1,944,758.00 P215,494.11	(For Cont. of PBO, Cam. Sur.)		P1,455,56
IV	15. Const. of Nabua -San Agustin Contract VI-B, Sub-proj. No. 7, G & G CONST.)	P1,966,619.79 P892,991.80	-do-		P1,302,15
IV	16. Const. of Nabua-San Agustin Contract VI-C, Sub-proj. No. 7, (J.M. HERNANDEZ & SONS)	P1.978,640.10		P1,929,895.36	P1,876,77
IV	17. Const. of San Juan-Nueno Sect.	[illegible].886.00 P8,[illegible]	(For continuation of 51st Army Brigade)		P14,760,3
IV	18. Const. of Polangui-Nasisi Sect., V-A, Sub-proj. No. 14, (BETTER BUILDERS CONST.)-current (WILLIAM UY CONST.)	P9,200,200.00 P10,982,450.55	(For continuation of William Uy Const.)		P3,381,43
IV	19. Const. of Polangui-Nasisi Sect., V-B, Sub-proj. No. 14, (MASTER BICOL CONST.)	P1,428,680.00	P876,745.00 (as Collected by orig. contractor)		P786,745.

Bicol Secondary and Feeder Rds. Project
FINANCIAL PLAN AND CASH FLOW
For Detailed Engineering Parcellary Survey Const.
As of ~~May~~ 31, 1982

RACT COST		COMMITMENTS							F
Revised	Final	Total Previous	Report Period	TOTAL	1976	1977	1978	197	
		P13,099,252.32	-	P13,099,252.32					
		P11,684,096.56	-	P11,684,096.56					
		P7,674,899.48	-	P7,674,899.48					
		P5,762,962.68 P999,928.49	-	P5,762,962.68 P999,928.49					
P1,356,572.48		P 1,333,262.40 P384,045.96 P307,038.80 P369,710.12 P293,273.80		P1,333,262.40 P384,045.96 P307,038.80 P369,710.12 P293,273.80					
		P14,232,559.00	-	P14,232,559.00					
(For Cont. of PBO, Cam. Sur.)		P1,455,568.00	P150,934.39	P1,606,502.39					
-do-		P1,302,151.89		P1,302,151.89					
	P1,929,895.36	P1,876,775.43		P1,876,775.43					
(For continuation of 51st Army Brigade)		P14,760,381.60		P14,760,381.60					
(For continuation of William Uy Const.)		P3,381,439.80		P3,331,439.80					
P876,745.00 (as Collected by crig. contractor)		P786,745.80		P786,745.80					

ITMENTS		FUNDS					ReQUIRED TO COMPLETE THE PROJECt			
ort Period	TOTAL	1976	1977	1978	1979	1980	1981			
							1st	2nd	3rd	4th
-	P13,099,252.32						P1,300,485.00	P1,300,485.00	P431,487.00	
-	P11,684,096.56						P1,944,136.00	P1,944,136.00	P332,696.00	
-	P7,674,899.48									
-	P5,762,962.68 P999,928.49								P2,365,000.00	P4,340,000.0
	[illegible] P1,333,262.40 P384,045.96 P307,038.80 P369,710.12 P293,273.80						P135,000.00	P125,000.00		
-	P14,232,559.00						P983,460.00	P983,460.00		
,934.39	P1,606,502.39							P200,000.00	P185,000.00	
	P1,302,151.89							P800,000.00		
	P1,876,775.43									
	[illegible].60						P1,300,000.00	P2,020,000.00	P3,460,000.00	P4,520,000.0
	P3,381,439.80						P109,300.00	P861,000.00	P2,701,000.00	P3,202,500.0
	P786,745.80						P701,443.00			

FUNDS REQUIRED TO COMPLETE THE PROJECT:								
1976	1977	1978	1979	1980	1981			
					1st	2nd	3rd	4th
					₱1,300,485.00	₱1,300,485.00	₱431,487.00	
					₱1,944,136.00	₱1,944,136.00	₱332,696.00	
							₱2,365,000.00	₱4,340,000.00
					₱135,000.00	₱125,000.00		
					₱983,460.00	₱983,460.00		
						₱200,000.00	₱185,000.00	
						₱800,000.00		
					₱1,300,000.00	₱2,020,000.00	₱3,460,000.00	₱4,520,000.00
					₱109,300.00	₱861,000.00	₱2,701,000.00	₱3,202,[illegible].00
					₱701,[illegible]3.00			

SUBMITTED: FMO ACCOUNTING SECTION

DATE SUBMITTED: September 9, 1982

Bicol Secondary and F
FINANCIAL PLAN A
For Detailed Engineering Parcel
As of July 31,

PACK. NO.	NAME AND SUB PROJECT NUMBER (Contractor)	CONTRACT COST		
		Original	Revised	Final
IV	19(a) Polangui-Nasisi Brs. Contract V-B, Sub-proj. No. 14, (CIRCA CONST. NEW CONTRACTOR)	P414,216.65		P403,970.65
IV	19(b) -do- RSW CONST. CORP. NEW CONTRACTOR)	P158,080.00		
	19(c) -do- (VIVER ENG'NG WORKS CONTRACTOR)	P328,050.00		
	19(d) -do- (OAS BUILDERS CONST. ")	P466,401.50		
	Total contract cost of contract V-B, Subproj. No. 19.	P2,153,501.21		P2,061,542.73
I	20. Const. of Danao-Pasacao Rd., Sub-project No. 2, (CBT CONST. original) (MAROSA ENTERPRISES)	P11,633,829.00 P10,531,802.00		
I	21. Const. of Manguiring Br.-Tinambac Sect., Contract II, Sub-proj. No. 3, (TAMAGONG BUILDERS) orig. GOLDROCK CONST. (current)	P15,695,239.00 P10,534,295.46		
II	22. Const. of Iriga-Salvacion-Bato Rd., Sub-proj. No. 12, (PHILCON BUILDERS orig.) MOONROCK CONST. NEW CONTINUATION)	P 5,306,770.00 P 6,127,789.69		
	23. Const. of Palistina-San Antonio-Minalabac Rd., Sub-proj. No. 6, (PROJECT WORKS CONST. INC.) orig. (PRAGMATIC CONST. NEW CONTINUATION).	P4,499,908.00		
IV	24. Const. of Tandang-San Juan Brs. Contract II-B, Sub-proj. No. 11, (F.F. CRUZ & CO., INC.)	P1,487,440.00		P1,487,440.00
III	25. Const. of Topaz-Palsong-Pula Rd., Sub-project No. 8, (CAPITOL INDUSTRIAL CONST [illegible]	P11,567,410.00		
I	26. Const. of Tigman-Himuragat Brs., Contract 4, Sub-proj. No. 3, (A.B. AGUINALDO CONST. CORP.)	P 6,889,561.80		
	TOTAL FOR CONSTRUCTION			
	GRAND TOTAL	P294,178,838.03		

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CO[illegible]ENTS		FUNDS REQUIRED TO COMPLETE THE PROJECT								
							1981			
Report Period	TOTAL	1976	1977	1978	1979	1980	1st	2nd	3rd	4th
	P403,970.65									
	P158,079.16									
	P287,676.98									
	P403,049.40									
							P4,655,000.00	P315,000.00		
	P7,037,454.26								P2,080,000.00	P4,785,0
	P4,508,045.12									P1,831,9
	P2,059,904.02						P1,063,430.00	P1,063,430.00	P1,063,430.00	P1,063,4
	P1,306,367.47									
	P1,487,440.00						P1,155,572.00	P3,299,791.99	P1,670,601.00	P23,794.
	P11,065,958.89						P750,000.00	P250,000.00	P3,750,000.00	P750,000
	P5,526,843.80						P22,161,491.30	P17,629,862.00	P22,871,578.00	P1,043,3
P 150,934.[illegible]	P[illegible]05,481,532.39						P24,179,491.30	P19,387,862.00	P25,039,258.00	P33,073,
1,114,7[illegible]	[illegible]									

Bicol Secondary and Feeder Rds. Project
FINANCIAL PLAN AND CASH FLOW
For Detailed Engineering Parcellary Survey & Construction
As of July 31, 1982

ACT COST			CO[illegible]ENTS		FUNDS REQUI[illegible]					
[illegible]vised	Final	Total Previous	Report Period	TOTAL	1976	1977	1978	1979	1980	
	₱403,970.65	₱403,970.65		₱403,970.65						
		₱158,079.16		₱158,079.16						
		₱287,676.98		₱287,676.98						
		₱403,049.40		₱403,049.40						
	₱2,061,542.73									₱[illegible]
		₱7,037,454.26		₱7,037,454.26						
		₱4,508,045.12		₱4,508,045.12						
		₱2,059,904.02		₱2,059,904.02						₱[illegible]
		₱1,306,367.47		₱1,306,367.47						
	₱1,487,440.00	₱1,487,440.00		₱1,487,440.00						₱[illegible]
		₱11,065,958.89		₱11,065,958.89						₱[illegible]
		₱5,526,843.80		₱5,526,843.80						₱[illegible]
		₱205,333,597.90	₱ 150,934.3[illegible]	₱205,481,532.39						₱[illegible]
		₱246,735,674.9[illegible]	₱ 1,114,7[illegible]	[illegible]						

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FUNDS REQUIRED TO COMPLETE THE PROJECT

77	1978	1979	1980	1981 1st	1981 2nd	1981 3rd	1981 4th
				₱4,655,000.00	₱315,000.00		
						₱2,080,000.00	₱4,785,000.00
							₱1,831,901.00
				₱1,063,430.00	₱1,063,430.00	₱1,063,430.00	₱1,063,430.00
				₱1,155,572.00	₱3,299,791.99	₱1,670,601.00	₱23,794.00
				₱750,000.00	₱250,000.00	₱3,750,000.00	₱750,000.00
				₱22,161,491.30	₱17,629,862.00	₱22,871,578.00	₱1,043,305.00
				₱24,179,491.30	₱19,387,862.00	₱25,039,258.00	₱33,073,555.00

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BEST AVAILABLE DOCUMENT

Bicol Secondary and Feeder Roads Project
FINANCIAL PLAN AND CASH FLOW
Detailed Engineering, Parcellary Survey & Construction
As of Aug 31, 1982

ANNEX - B
(Sheet 1 of 4)

SUBMITTED BY: PMO Accounting Section
DATE SUBMITTED: September 2, 1982

Package No.	NAME AND SUB-PROJECT NUMBER Contractor)	Contract Cost ORIGINAL	Contract Cost REVISED SUPPLEMENTAL	COMMITMENTS PREVIOUS TOTAL	COMMITMENTS REPORT PERIOD	COMMITMENTS TOTAL	FUNDS 1976 2 3 4	FUNDS 1977 2	FUNDS 1977 3	FUNDS 1977 4
	A. DETAILED ENGINEERING:									
I	Sub-proj. Nos. 1,2,& 3 (TECHNICS GROUP CORP.)	₱2,131,341.00	₱ 85,000.00 ₱2,219,341.00	₱2,218,087.87		₱2,218,087.87		₱2,134,341.00 (Released)		
II	Sub-proj. Nos. 5, 10 & 6 (INTEGRATED PHILCONSULT CORP.)	₱1,481,410.00		₱1,481,410.00		₱1,481,410.00		₱1,481,410.00		
III	Sub-proj. Nos. 7, 8, 12 & 13 (dcod ENGINEERING CORP.)	₱1,955,405.00		₱1,950,188.46		₱1,950,188.46		₱1,955,405.00 (Released)		
IV	Sub-proj. Nos. 11, 14 & 19 (CENTEZA DEVELOPMENT CORP.)	₱2,361,592.00		₱2,346,552.47		₱2,346,552.47		₱2,361,592.00 (Released)		
	TOTAL FOR DETAILED ENGINEERING	₱7,932,748.00	₱2,919,341.00	₱7,996,238.80		₱7,996,238.80		₱7,932,748.00		
	B. PARCELLARY SURVEY & MAPPING ON ROAD-RIGHT-WAYS:									
	Sub-proj. Nos. 1, 2, 3, 7, 8,& 13 Part of all CDT CONSULTING ENGINEERS	₱ 703,500.00	₱1,037,030.00 ₱ 333,530.00	₱1,037,030.00		₱1,037,030.00				
	Sub-project Nos. 4,5,6,10,19,14 Part of all (J.B. ALBERTO SURVEYING)	₱346,500.00		₱346,500.00		₱346,500.00				
	TOTAL FOR PARCELLARY SURVEY	₱1,050,000.00	₱1,037,030.00 (₱333,530.00)	₱1,383,530.00		₱1,383,530.00				

[illegible] MANPOWER EQUIPMENT
AS OF Aug. 31, 1982

ANNEX-C
Sht. 1 of 2

MANPOWER:

DIVISION OR SECTION	POSITION	NUMBERS: Previous	NUMBERS: Report Period
RMO Office (Field Level)	Project Director	1	same Pr[illegible]
- do -	Project Manager	1	- do -
- do -	Secretary		1
- do -	Driver	1	same pr[illegible]
Monitoring Section	Supervising C.E. I	1	- do -
- do -	Civil Engineer		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
ROW & 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 -	Geoditic 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.

BEST AVAILABLE DOCUMENT

RMO'S MANPOWER AND MAJOR EQUIPMENT

AS OF Aug. 31, 1982

ANNEX-C
Pgs. 2 of 2

A. MAJOR EQUIPMENT (RMO PROPERTY)

Name & Description	NUMBER OF UNITS Previous	Reported Re
Electric Fan 6" Blade w/ stand	4 pcs.	Same Previ
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 -
Gestefax 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 -
Mac Steel Cabinet	1 pcs.	- do -
Monroe Pocket Calculator	1 pcs.	- do -
Typewriter Table w/ Chairs	12 "	- do -
Sr. Executive w/ Swivel Chairs	7 "	- do -
Center Table	5 "	- do -
[illegible]	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 18", 27"	1 pc.	- do -
Typewriter Adler(Manual)	4 pcs.	- do -
Utility Chairs	1 pc.	- do -
Office Tables w/ top glasses	-	24 pcs.
Electric Fan 16"	-	2 "
MAJOR EQUIPMENT (Property of Const. Contractor's turned over to RMO)		
Utility Jeep (Ford Pierra) by Balm Const.	1 Unit	Same Previous
" " (") by F.F. CRUZ & Co., Inc.	1 "	- do -
" " (") by DIMSON MLA. INC.)	1 "	- do -
Toyota Land Cruiser by Williams [illegible] Const.	1 "	- do -
" " " by S.P. DACER CONST.	1 "	- do -
Utility Jeep (Ford Pierra) by R.L. Umali Const.	1 "	- do -
Toyota Land Cruiser by (White) R.L. Umali Const.	1 "	- do -
" " " by A.B. AGUINALDO CONST.	1 "	- do -
Utility Jeep (Ford Pierra) by A.B. AGUINALDO 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 Pierra) by R.L. Umali Const.	1 "	- do -
Utility (Toyota Tamarew) by V.I. Eusebio Const.	1 "	- do -
Toyota Land Cruiser by R.L. Umali Const.	1 "	- do -
" " " by OLAYPADE CONST.	1 "	- do -
Utility Jeep (Ford Pierra) By OLAYPADE CONST.	1 "	- do -
Toyota Land Cruiser by V.P Bautista Const.	1 "	- do -
" " " by F.F. CRUZ & Co., INC.	1 "	- do -
Toyota Tamarew by JTY Construction	1 "	- do -
Utility Jeep (Ford Pierra) by CBT CONST.	1 "	- do -
" " (") by S.P DACER CONST.	1 "	- do -
Toyota Land Cruiser by Dimson Mla Inc.	1 "	- do -
" " " " G & G CONST.	1 "	- do -
" " " " F.F. CRUZ	1 "	- do -
Twin Car by Falcon Builders	1 "	- do -
Toyota land Cruiser by Capitol Industrial Const. Group	1 "	- do -

BEST AVAILABLE DOCUMENT

DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION
AS OF August 31, 1982

ANNEX-D
Sht. 1 of 8

PACKAGE NUMBER	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const. Supervision.
1.	San Isidro-Libmanan Br. Sect., Cont. I, Sub-project I, Package I. Secondary - - - - - - - - - - - - 5.145 kms. Feeder Rds. (Nat'l.) FR.101, Bahay-Busak Rd. 0- - - - 1.679 kms. FR. 102, Mandacanan-Bagadion-San Vicente Rd. - - - - - - - - - - - 8.333 " 10.012 " BRIDGES: Libamanan Br. - - - - - - - - - - 146.33 LN, M. Hugis Br. - - - - - - - - - - - - 20.60 " Timber Trestle (at FR. 102) at sta. 3+623.64E - - - - - - - - - - 47.19 " sta. 6+425(Daraoman Creek)- - - 48.78 " sta. 7+596.195 - - - - - - - - 24.39 "	R.L. UMALI CONSTRUCTION CORP.	₱14,062,106.60 (orig.) ₱13,560,040.85 (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.-Jabusao Sect., Cont. II, Sub-project No. I, Package I. Secondary Rd. - - - - - - - - - - - -9.385 kms. Feeder Rds.: FR 103 Puro Batya-Uson - - - -4.245 " FR 104-Libmanan -Barcelonita- 5.025 " 9.270 kms. BRIDGES: Botilla Br. - - - - - - - - - -15.60 LN.LM. Puro-Batya Br. - - - - - - - - 7.60 LN.LM.	R.L. UMALI CONSTRUCTION CORP. (orig.) - do - For continuation	₱12,554,412.60 (orig.) ₱8,471,495.28 (For continuation)	Sept. 18, 1978 Sept. 11, 1981	Dec. 19, 1979 (300 days)	Secondary -PCCP Feeder Rds. Gravel(Item 108) Bridges-RCDG (For continuation)	TECHNIKS PANNERS, 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-Cerunirg - - - - - - - -5.30 " 18.22 " (Changedto Calabanga-SiboboSect.) Lenght-Secondary - - - - - - - 11.483 kms. Feeder Rds. (Same)	KAMAGONG BUILDERS AND DEVELOPMENT CORP. (original) PRAGMATIC DONST. (PCCP)	₱8,788,666.50 (orig.) ₱14,812,772.40 (current)(Continuation)	(Notice to proceed issued -January 26, 1979) (At contractor's risk-12-178) Feb. 5, 1979 (Official start) Aug. 1, 1981	August 7, 1981 (390 days)	Secondary _PCCP (as designed) Feeder Rds. Gravel(Item 108) Note:Per orig. contract, Secondary sect. , is Asphalt (BST). Changedto PCCP (current)	TECHNIKS PLANNERS (before) TECHNIKS GROUP CORP. - do -

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DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION

AS OF Aug. 31, 1982

ANNEX "D"
(Sht. 2 of 8)

ck. o.	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const. Supervision
	4. Calbanga-Tinambac Br. Sect., Contract III Sub-proj. No. 3, Package I. BRIDGES: Manguiring 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 " Tiguib Br. km. 19+311 - 12.60 " Kawayan Br. km. +124.40 - 26.60 " Hubo Br. km. 21+003.58 - 15.60 " Total - - - 151.20 LM.	A.L. SUNNIEN 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 with in 549 Calendar Days (Orig.) Continuation to be completed for 120 Calendar days.	BRIDGES -RCDG	TECHNIKS PLANNERS, INC.
	5. Manguiring Br.-Tinambac Sect., Contract II, Sub-proj. No. 3, Package I. Secondary Rd. - - - - - -(orig.) 14.76 kms. Feeder Rd. No. 303-Hubo-Balao - 6.90 " Siboobo-Tinambac Sect.-Secondary - 13.097 "(DBST) (Foremerly Manguiring Br.-Tinambac Sect.)	(Orig.) 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. PCCP (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-Carnan-Macad 8.588 " FR. 2-2 Pasacao-Port Rd. - - - 1.796 " BRIDGES: Total - - - -14.886 " Odicon 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.) Marosa Enterprises 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-PCCP (Item 316) PCCP 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.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. Naga-Carolina Rd., Sub-proj. No. 10, Package II, Secondary Rd. - - - - - - - - - 13.48 Kms. Feeder Rds.: San Isidro-Pacal Nursery - - -2.105 " 2. San Isidro-Cararayan - - - -4.035 " 6.140 kms. BRIDGES: Palatan Br. - 39.60LM.	BALM CONST. CO., INC.	P11,148,640.00 (orig.) P11,115,290.65 (Rev.) P12,324,405.00 (Pl[illegible])	July 15, 1978	Nov. 23, 1979 (Jan. 24, 1980) (Revised)	Secondary-DBST (Item 314) Feeder Rd.-Gravel (Item 108) Bridges-RCDG	INTEGRATED PHILCONSULT INC.

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DETAILS OF CONTRACT [illegible]
AS OF Aug. 31, 1982

Annex -
(Sht. 3 of 6)

Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULE Started	SCHEDULE Completion	Level of Improvement	Consultant Const. Supervision
9. Pili-Mataoroc Rd., Sub-project 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 " TOTAL - - - - -12.62 " BRIDGES - - - - - - - - - - - -9.50 LM.(RCDG) " - - - - - - - - - - - ~~174.00 LM.TB.Te~~	A.B. AGUINALDO CONSTRUCTION INC.(original) ARM CONST. CORP. (current)	P15,377,382.00 (orig.) P15,340,982.00 (Rev.) P7,584,700.00 (current)	Aug. 1, 1978 (Actual starting date)-Time started Sept. 8, 1978 Time started (current) 1-25-82	Jan. 28, 1980 (orig.) May 10, 1980 (Rev.) For 345 CD.	Secondary-DBST Feeder Rd.-Gravel (Item 108) Bridge-RCDG	INTEGRATED PHILCONSULT INC.
10. Minalabac-Antipolo-Hubo Rd., Sub-project 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-Liwag - - - - - - - - - - - -2.20 " FR 402-Hubo-Bagolatao - - - - - - - - - 7.664 " TOTAL - - - - ~~15.485 kms.~~ BRIDGES: RCDG-37.20 LM. TB.TE	POLYTRADE CONSTRUCTION INC.	P12,147,699.10 (orig.) P14,443,254.20 (Rev.)	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.
11. Palistina-San Antonio-Minalabac Rd. Secondary Rd. - - - - - - - - - - - - - - - - 8.2168 kms. Feeder Rds. - - - - - - - - ~~Maydese-Taririk~~ Malitbog-Baras BRIDGES: 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 P8,439,585.80	Nov. 12, 1979 (Notice to proceed dated Nov. 21, 1979) Oct. 24/81 commence of contract time.	To be completed within 548 days To be accomplished within 420 CD.	RCDG Timber Trestle Secondary Rd. 4.21 kms. Asphalt 3.966 Gravel Wk.5.147 kms.(Gravel)	INTEGRATED PHILCONSULT INC. - DO -
12. Sto. Domingo-Pula-Ombao Rd., Sub-project No. 7, Package III. Secondary Rd. - - - - - - - - - - - - - 9.987 kms. FR 7A(Sto. Domingo-Causip Rd.) - - - -0475 " FR 7B(Causip Rd.) - - - - - - - - - - - 1.20 " FR 7C(Cumon Sto. Domingo) - - - - - - 5.225 " FR 7D(Sto. Domingo-Lirag San Ramon) - - - - - - - - 7.103 " FR 7E(San Ramon-Ombao) - - - - - - - - -3.231 " TOTAL - - - - - -17.154 " Polpog Br. - - - - - - - - 7.0 LM.M.	V.P. EUSEBIO CONSTRUCTION INC.	P11,448,673.00 (G.H. as approved by the office of the President) P11,887,775.20 (approved by the CMC)	Sept. 18, 1978	March 10, 1980	Secondary 5.75 RCFC 3.55 Gravel	DCCD ENGINEERING CORP.

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DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION

AS OF Aug. 31, 1982

ANNEX-D

Sht. 4 of 8

Pack. No.	Name of Sections Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const. Supervision
	13. Polangui-Lidong Sect., Sub-proj. No. 13-A Secondary Rd. - - - - - - - - 12.50 kms. FR A(Sapang Paray-Magurang) - 1.003 " FR B(Cepres-Sta Cruz) - - - - 1.500 " FR C(Itaran-Balaba) - - - - - 5.761 " FR D(Lidong-Danao) - - - - - 2.869 " 11.163 kms. 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. Ampgis Br. - - - - - - - - - 15. " 7. Cepres-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 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 (LAL'S 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-Macaangay - - 5.106 " 11.205 kms. BRIDGES: 1. Batang Br. - - - - - - - - - 36.00 Ln.m. 2. Lallo 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. 18+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-

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PROGRESS OF CONTRACT SECTION UNDER CONSTRUCTION
AS OF Aug. 31, 1982

ANNEX "D"
Sht. 5 of 8

Package Number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const. Supervision
	(Continuation) 6. Br. along Cagraslog 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-Niño Jesus-San Antonio-3.014 " TOTAL - - - - - -7.109 kms. RCBC along Sec. Rd.: 1.00 m. wide single 4.00x3.00 m. Sta.4+99[illegible] 1.00 m. wide double 4.00x3.00m. sta. 5+93[illegible]	PHILCON BUILDERS & DEVELOPERS (o g.) MOON ROCK CONST. (current)	P5,3[illegible],770.00 (orig.) P6,127,789.69 (continuation)	May 18, 1979 (Notice to proceed May 18, 1979) July 25, 1981	within 480 days (September 9, 1980) 330 (days)	DBST (for Secondary Rd.) Gravel (Item 108)	DCCD ENGINEERING CORPORATION - do -
II	16. Topaz-Palsong-Bula Rds. Contract No.I, Sub-project No. 8, Package III. Secondary Rds. - - - - - - - - - - - 11.019 kms. Feeder Roads: FR. 8-A, Palsong-La Purisima Rd. 3.01 kms. FR 8-B, Palaogan La PurisimaRd. 2.5600" FR. -C, Panoypoyan Feeder Rd. 3.000 " TOTAL - - - - - - - - - 8.570 " Bicol River Bridge - - - - - - - - - -86 LM.	CAPITOL INDUSTRIAL CONSTRUCTION GROUP	P11,567,160.0[illegible]	(Notice to proceed) 3/[illegible]1/80	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 " Inapatan-Agustia-Dolorosa - - - - } 3.20 " [illegible] kms.	S.P. DACER CONSTRUCTION CO., INC.	P16,705,106.00	June 16, 1978	Feb. 16, 1980	Secondary-PCCP Feeder Rds. Gravel (Item 108)	CERTENA DEVELOPMENT CORPORATION

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DETAILS OF CONTRACT SECTION UNDER CONSTRUCTION
AS OF Aug. 31, 1982

Package number	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const.Supervision
III	18. Tandaay-San Juan Sect., Contract II-A, Sub-project No. 11, Package IV. Secondary Rd. - - - - - - - - - 9.417 Kms. Feeder Roads:- - - - - - - - 12.135 " 1. Tandaay Sagumay La Purisima - - - - - - 3.967 " 2. Dolorosa Inapatan- - - - 0.875 " 3. Dolorosa-San Vicente - 1.341 " 4. Malawag-Duran - - - - - 3.469 " 5. Malawag-San Fernando - - 2.485 " 12.135 Kms.	F.F. CRUZ & CO., INC.	P17,278,344.00	July 15,1978	March 15,1980	Secondary-PCCP Feeder-Gravel (Item 108)	CENTRA DEVELOPMENT CORP.
IV	19. Libon-Bugpo Sect., Contract III, Sub-proj. No. 11, Package IV. Secondary Rd. - - - - - - - - - 8.250 Kms. Feeder Rds.: 1. Del Rosario-Inogma - - 2.458 " 2. Bulusan Lake Bato - - - 2.680 " 3. La Medalla-Lake-Bato - 2.15 " 4. Bugpo-Buriu-Malolos - 8.097 " 15.350 Kms. BRIDGES: 1. Paklas I - - - - - - - - 29.20 L.M. 2. Paklas II - - - - - - - - 29.21 " 3. Paklas III - - - - - - 29.20 " 4. Lastakn (Lakesan) - - 25.20 " 5. Bugpo Br. - - - - - - - 29.20 L.M.	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-RCDG	CENTRA DEVELOPMENT CORP. -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) (- do - continuation)	M-D-FORONDA ASSOCIATES (orig.) PED, CAM.SUR	P1,994,758.36 (orig.) P215,494.11	Dec. 15,1978 (orig.) March 15, 1982	To be completed within 240 Calendar days Aug. 23,1982	Secondary-SBST	CENTRA DEVELOPMENT CORP.
	21. Nabua-San Agustin Contract VI-B, Sub-proj. No. 9, Package IV. Secondary Rd. - - - - - - - - - - [illegible] (- do - [illegible])	G & G CONSTRUCTION COMPANY (orig.) PED, Cam. Sur	P1,996,619.79 (orig.) [illegible]	Dec. 15, 1979 (orig.) March 15, [illegible]	To be completed within 240 C[illegible]	Secondary SBST	CENTRA DEVELOPMENT CORP.

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DETAILS OF CONTRACT SECTION [illegible] CTION
AS OF Aug. 31, 1982

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PACKAGE NUMBER	Name of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const. Supervision
IV	22. Nabua-San Agustin, Contract VI-C, Sub-project 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 August 12, 1978)	Feeder Rds. Gravel(Item 108)	CERTEZA DEVELOPMENT
	23. Nugpo-San Juan(Bato) Sect., Contract IV, Sub-project No. 11, Package IV - - - Secondary Rd. - - - - - - - - - - - - 8.33 kms. Feeder Rds. FR.16-Buga-Pinagbarilan - - - - - - -1.92 FR. 18-Divosoria-Lalongkong Magabusog - - - - - - - - - - - - - - 7.78 kms. FR. 17-Divisoria-Lake Bato - - - - 0.79 " FR. 19-Salvacion Del Rosario- - - 2.07 " FR. 20-Gayundan-Payak- - - - - - - - 11.23" FR. 21-Payak-Pagatpatan - - - - - - - 2.64 FR. 22-Gayudan-Lake Bato - - - - - 1.32 FR. 23-San Juan-Catmon - - - - - - - 1.96 38.04 kms. BRIDGES: Buluang br.-28m, and 1-2m. RCDG, spans - - - - - - - - - - - - 29.2[illegible] 2. Anoling Br. 3-10m RCDG - - - - - - - - - - - - - - -31.20 M. 60.40 LM	F.F. CRUZ & CO., INC. (orig.) 51st Eng'ng. Brigade Phil Army continuation)	P21,515,886.00 (orig.) P8,752,700.00 (continuation	Feb. 25, 1979 July 25, 1981	June 10, 1980 (280 days)	Secondary-Gravel Feeder Roads Gravel(Item 108) Bridges-RCDG	CERTEZA DEVELOPMENT CORPORATION - do -
	24. Polangui-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. Balogo-SanRamon-Tabog- - - - 2.26 " FR. 3. Barayong-Ligaw - - - - - - - - 3.28 " TOTAL - - - - - - - - - 9.39 "	BETTER BUILDERS CONSTRUCTION WILLIAM UY CONST. (current)	P9,200,000.00 (orig.) P10,988,450.55 (continuation)	Feb. 15, 1979 July 25, 1981	June 12, 1980 (360 days)	Secondary-BST Feedr Gravel (Item 108)	CERTEZA DEVELOPMENT CORPORATION

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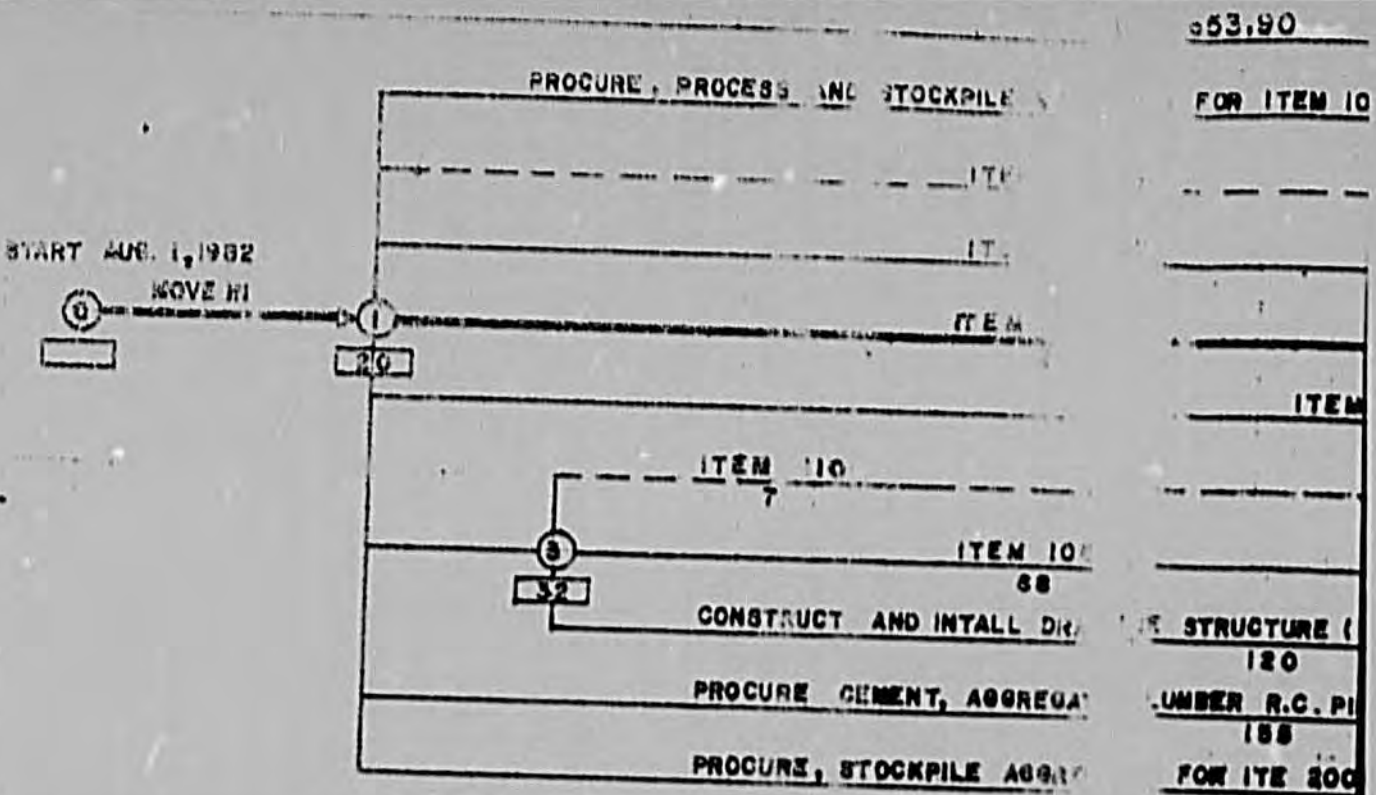
[illegible] OF CONTRACT [illegible] CONSTRUCTION
AS OF Aug. 31, 1982

APPEX [illegible]
(Sht. [illegible])

Package Number	Number of Section Involved (Description)	Contractor	Contract Amount	SCHEDULES Started	SCHEDULES Completion	Level of Improvement	Consultant Const. Supervision
IV	25. Polangui-Nasisi Br. Section, Contract V-B, Sub-proj. No. 14, Package IV. 1. Alnay Br. 1-2m. (RCDG Spans) - - - - - - - 12.40 LM 2. Napo Bridge 1-10m. (RCDG Spans) - - - - - - - 10.40 " 3. Balinad Bridge 2-8m & 1-10 (RCDG Spans) - - - 22.40 " 4. Balogo Bridge 2-8m & 1-12 (RCDG Spans) - - - 29.20 " 5. Matanglad Bridge 2-4m & 1-15 (RCDG Spans) - - - 24.40 " TOTAL - - - - - - - - - - - 98.80 "	EASTERN BICOL CONSTRUCTION & DEVELOPMENT CORPORATION	P1,428,600.00	Jan. 15, 1979	To be completed within in 300 Calendar Days	Bridges-all RCDG	CERTEZA DEVELOPMENT CORPORATION
IV	26. Tandaay-San Juan (Bridge) Sect., Contract II-B, Sub-project No. 11, Package IV. Segments: Contract II-B (1) Panganiban (Malawag) Br.-P648,400.00 Contract II-B (2) San Roque 1 & 2 Br.-P839,040.00 Total lenght of Bridges-76.00 LM.	F.F.CRUZ CO., INC. (Both Contracts II-B (1) & II-B (2)	P1,487,400.00 ltd. Aug. 3/79 Official starting date Dec. 12/79 (Date when the approved redesign of Br. received by contractor.	Notice to proceed [illegible]	To be completed w/in 270 Calendar days	Bridge-all RCDG	CERTEZA DEVELOPMENT CORPORATION.



DESCRIPTION	BID CONTRUCT QUANTITY	ITEM % WT.	PROGRESS ACTUAL	30	OCT.
...ED ACCOUNT WO...(MAINTS OF UNC...AD SECTIONS)	28 KM	1.44			
...AIR & MAINT. OFF LAB. FOR ENGR.	DELETED				
...VIDE ONE UTILITY VEHICLE FOR ENG...	L.S.	0.86			
...CE EQUIPMENT FOR ENGR.	L.S	0.07			
...OVAL OF CULVERT (RCPC)	14 each	0.08			
...DWAY AND DRAINAGE EXCAV. (WASTE)	20,036 cu.m.	5.71			
...DWAY AND DRAINAGE EXCAV. (SOLID ROCK)	2,000 cu.m.	2.17			
...DWAY AND DRAINAGE EXCAV.	44,933 cu.m.	16.20			
...AV. FOR STRUCTURES	2,850 cu.m.	1.11			
...ROW	10,456 cu.m.	5.54			
...BRATE SUB-BASE	35,200 cu.m.	24.66			
...NDATION FILL	160 cu.m.	.12			
...RHAUL (300 m. FREEHAL)	13,443 cu.m.	.09			
...REPARATION OF EXISTING CONSTRUCTED ROAD	6 KM	0.4			
...VEL BASE COURSE GRADING B	12,600 cu.m.	12.65			
...IUM CURING CUTBACK ASPHALT GRADE MC-1 FOR					
...TUMINOUS PRIME COAT	125 M.T.	0.07			
...REAT. FOR BIT. CURB TREATMENT (HOT ASPHALT TYPE	880 cu.m	1.07			
...ALT CEMENT GRADE SS-100 FOR BIT. SURF. TREATMENT					
...MENT TYPE					
...RETE CLASS A FOR DRAINAGE & MISC. STRUCTURES	193 M.T.	8.60			
...FORCING STEEL DRAINAGE & MISC STRUCTURES	505 cu.m.	2.07			
...NK MASONRY	8,818 kgs	0.66			
...O RCP	1,440 cu.m	4.22			
...OM. DIA. R.C.P.	256 L.M.	0.67			
...O L. DIA. R.C.P.	132 L.M.	0.72			
...BAR & NIP BAR	161 L.M.	1.05			
...BAR & SPIKED	200 cu.m	0.81			
...MARKERS	140 cu.m	0.18			
...GUIDE POSTS	3,156 M.M.	0.28			
	428 each	1.37			

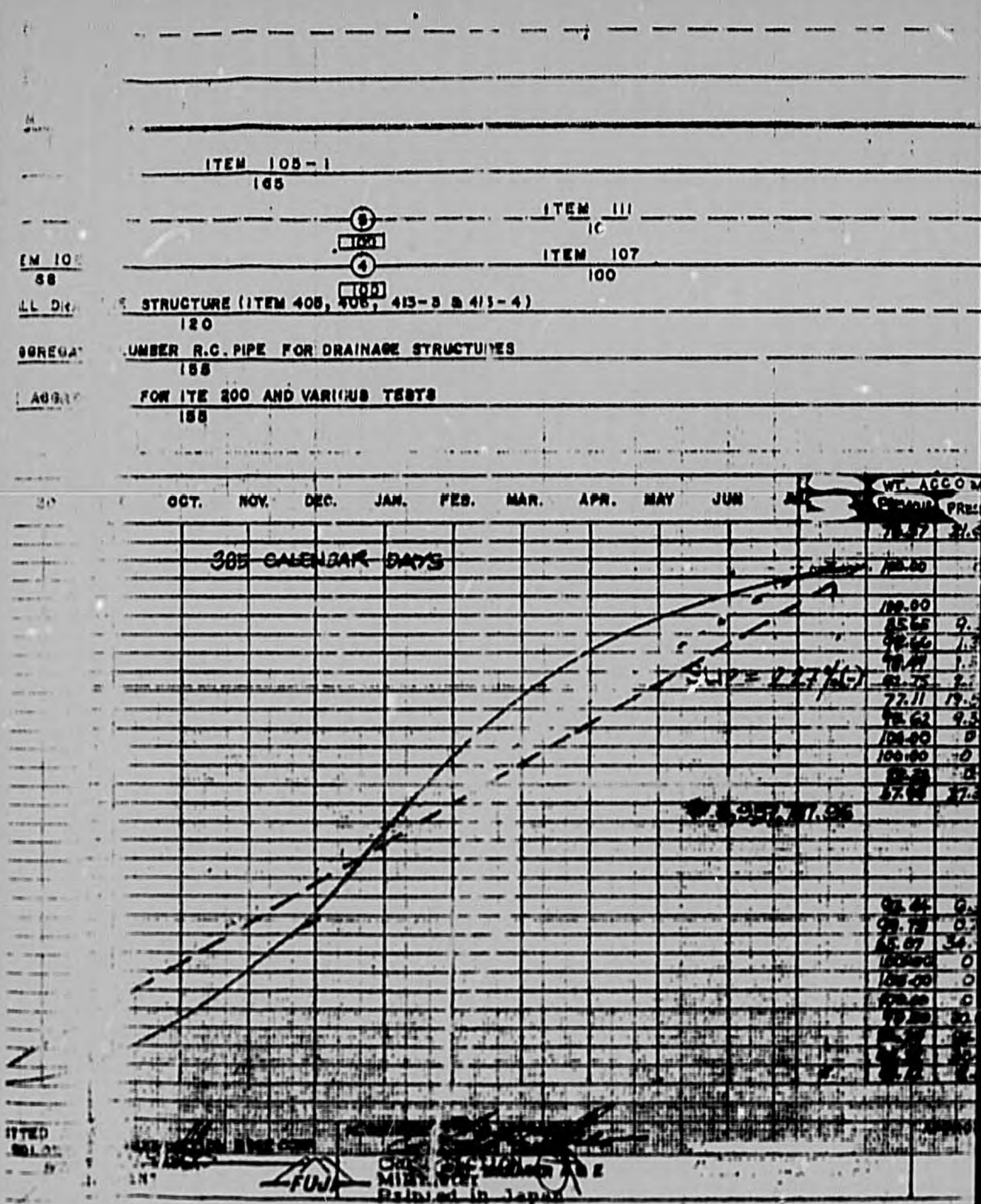
...ISED PROGRESS SCHEDULE, PERT/CPM CASH FLOW

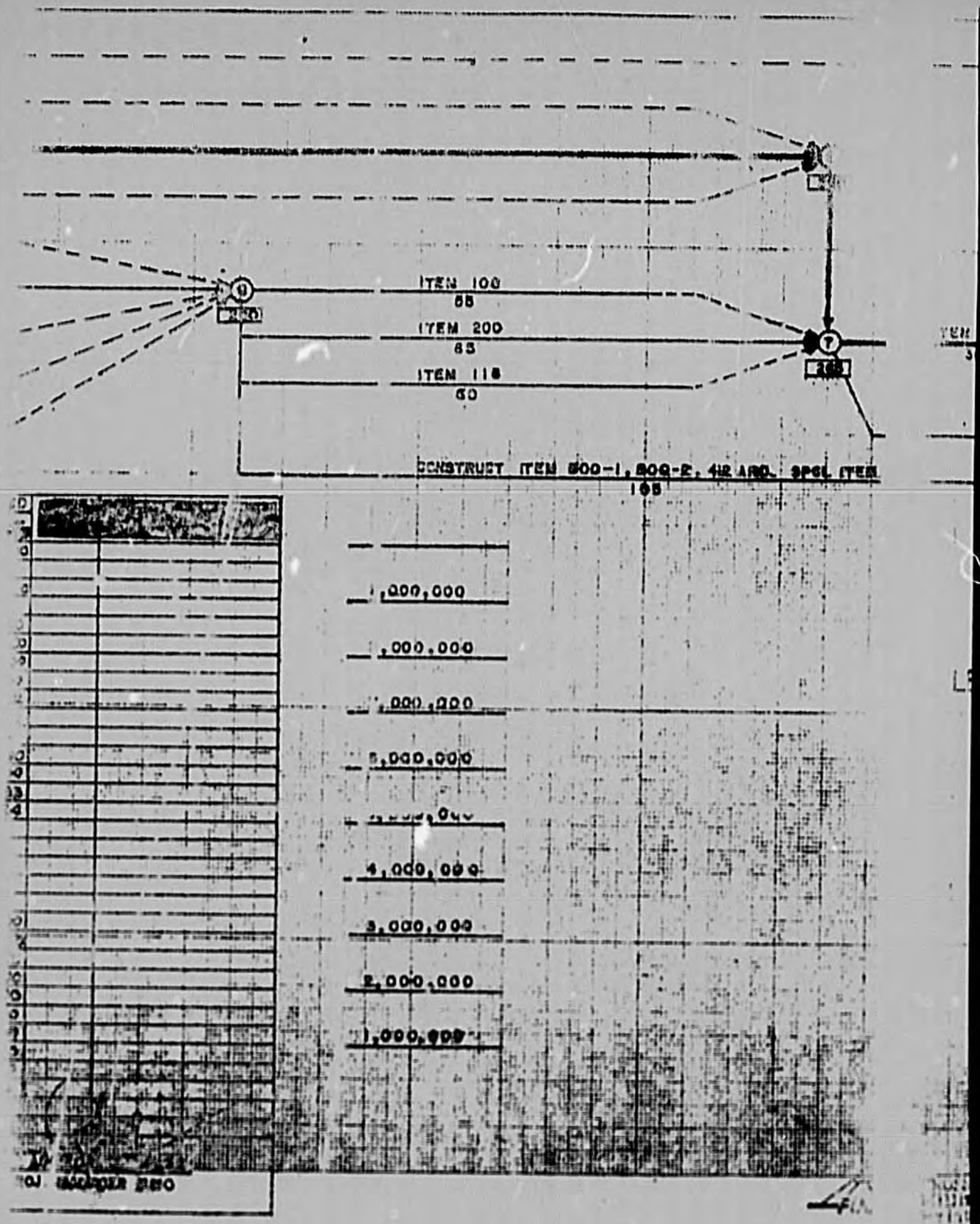
SIBOBO-TINAMBAC ROAD SECTION

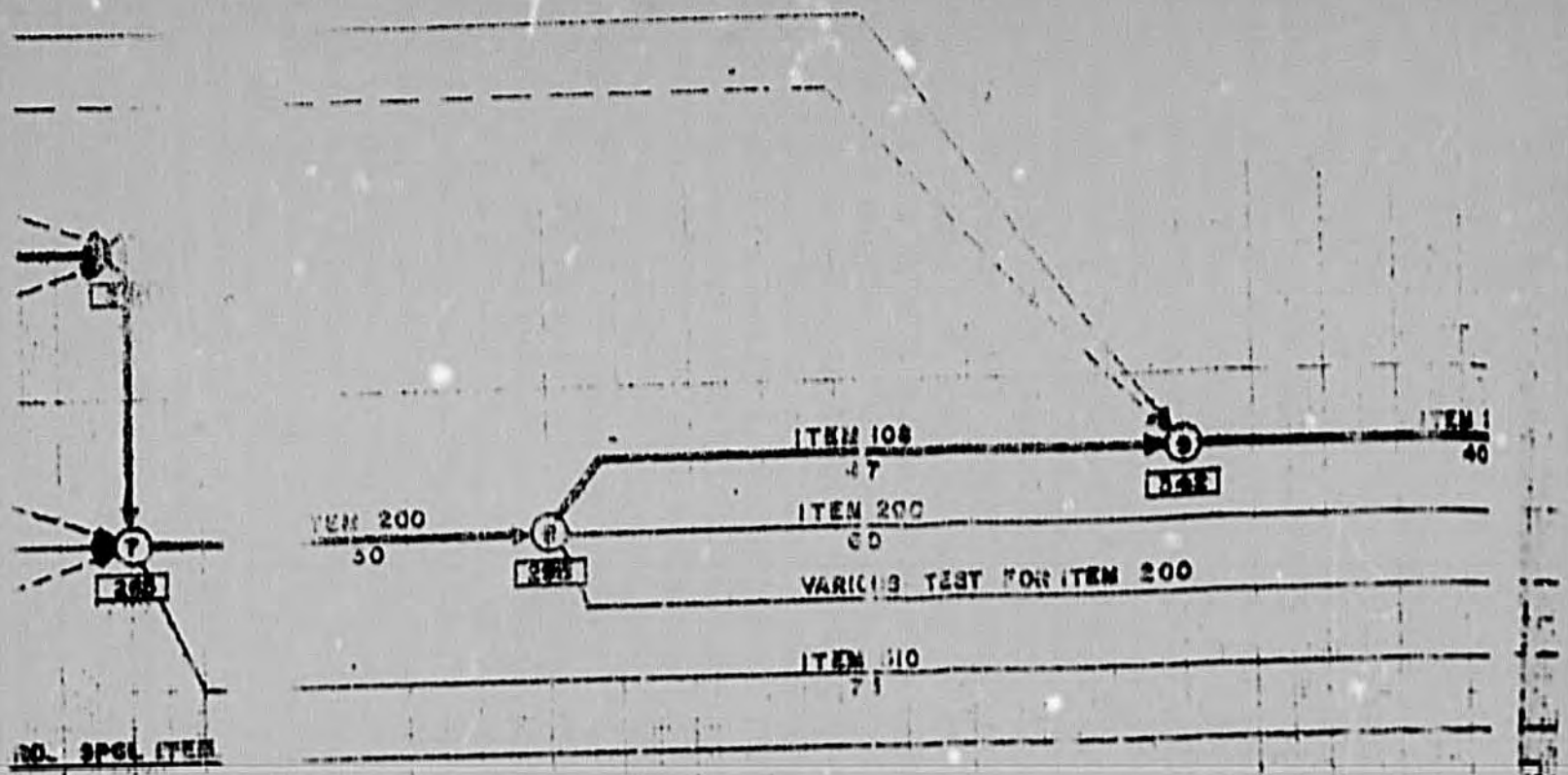
SUBMITTED

BEST AVAILABLE COPY

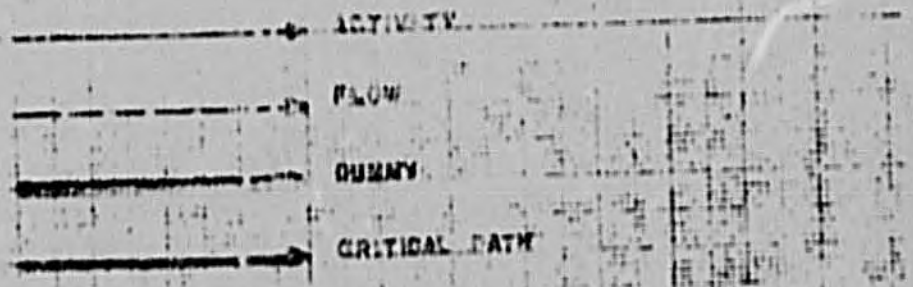
45


ITEM 105-1
165
ITEM 111
10
ITEM 107
100
EM 10
88
STRUCTURE (ITEM 405, 406, 413-3 & 413-4)
120
UMBER R.C. PIPE FOR DRAINAGE STRUCTURES
155
FOR ITE 200 AND VARIOUS TESTS
155
OCT.
NOV.
DEC.
JAN.
FEB.
MAR.
APR.
MAY
JUN
385 CALENDAR DAYS
WT. ACCO
100.00
85.65
77.11
100.00
100.00
FUJI
Printed in Japan

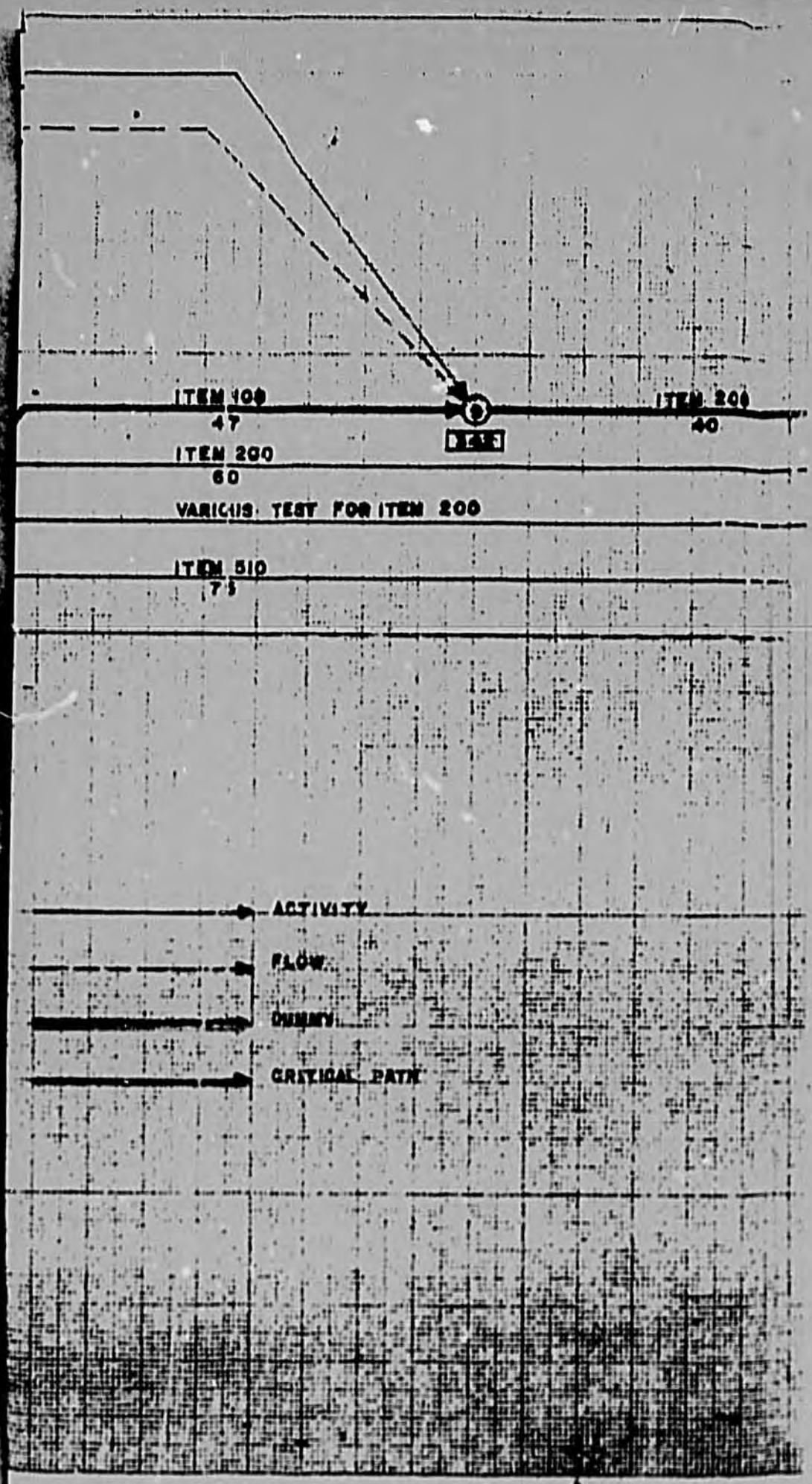

ITEM 100
55
ITEM 200
65
ITEM 118
60
CONSTRUCT ITEM 500-1, 500-2, 412 ARD. SPCL ITEM
105
1,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000



LEGEND



Printed in Japan


ITEM 100
47
ITEM 200
40
ITEM 200
60
VARIOUS TEST FOR ITEM 200
ITEM 510
75
ACTIVITY
FLOW
DUMMY
CRITICAL PATH

Annex F-1

BEST AVAILABLE DOCUMENT

ITEM No.	DESCRIPTION OF WORK	QUANTITY	UNIT COST
1.60.1	PROVIDE & MAINTAIN LAB & OFFICE FOR THE ENGINEER	L. S.	L
1.60.2	ADDITIONAL LAB & OFFICE EQUIPMENT FOR THE ENGINEER	L.S.	
1.60.3	FORCE ACCOUNT WORK (MAINTENANCE OF UNCOMPLETED SECTION)	16 KM. M.O.	52
1.60.4	FORCE ACCOUNT WORK (DEMOLATION OF END SECTION OF EXISTING IRRIGATION R.C. BOX CULVERT)	L. S.	
103 (2)	REMOVAL OF CULVERT	2 @	689
105 (1)	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	2692 M^3	10.6
105 (2)	ROADWAY AND DRAINAGE EXCAVATION (ROCK)	730 M^3	64
105 (3)	ROADWAY AND DRAINAGE EXCAVATION (CUT & FILL)	1224 M^3	21
106	EXCAVATION FOR STRUCTURES	574 M^3	[illegible]
107	COMMON BORROW	1050 M^3	46
108	AGGREGATE SUB BASE	17300 M^3	8
110	FOUNDATION FILL	67 M^3	7
118	REPREPARATION OF PREVIOUSLY CONSTRUCTED ROAD SECONDARY	9.9 KM	8 95
118 (1)	REPREPARATION OF PREVIOUSLY CONSTRUCTED ROAD (FEEDER)	12.8 KM	7.95
307 (1)	MEDIUM CURING CUT BACK ASPHALT GRADE MC-1 BIT. PRIME COAT	8 MT.	9.20
304 (1)	AGGREGATE FOR BITUMINOUS SURFACE TREATMENT	55 M^3	199
304 (3)	ASPHALT CEMENT PENETRATION GRADE 85-100 FOR BIT. SURFACE TREATMENT	15 MT	4.3
316	PORTLAND CEMENT CONCRETE PAVEMENT	68425 M^2	162
403 (1)	CONCRETE CLASS "A"	398 M^3	174
406	REINFORCING STELL	26,480 KG	7
613 (2)	0.60 M ϕ RCPC	56 LM.	465
613 (4)	1.20 M ϕ RCPC	9 LM	[illegible]
500	RIPPAP AND GROUTED RIPRAP	830 M^3	5
501	HANDLAID ROCK EMBANKMENT	1600 M^3	[illegible]
509 (3)	UNDERDRAIN 0.45 M ϕ PERFORATED CONCRETE PIPE	10 LM.	[illegible]
509 (5)	AGGREGATE FOR UNDERDRAIN	30 M^3	[illegible]
510	RIGHT-OF-WAY MARKER	164 @	[illegible]
SPL	CONCRETE BARRIER	32 @	118
	MONTHLY CASH FLOW		
	CUMMULATIVE AMOUNT		

SUBMITTED BY

PRAGMATIC DEVELOPMENT & CONSTRUCTION CORP.

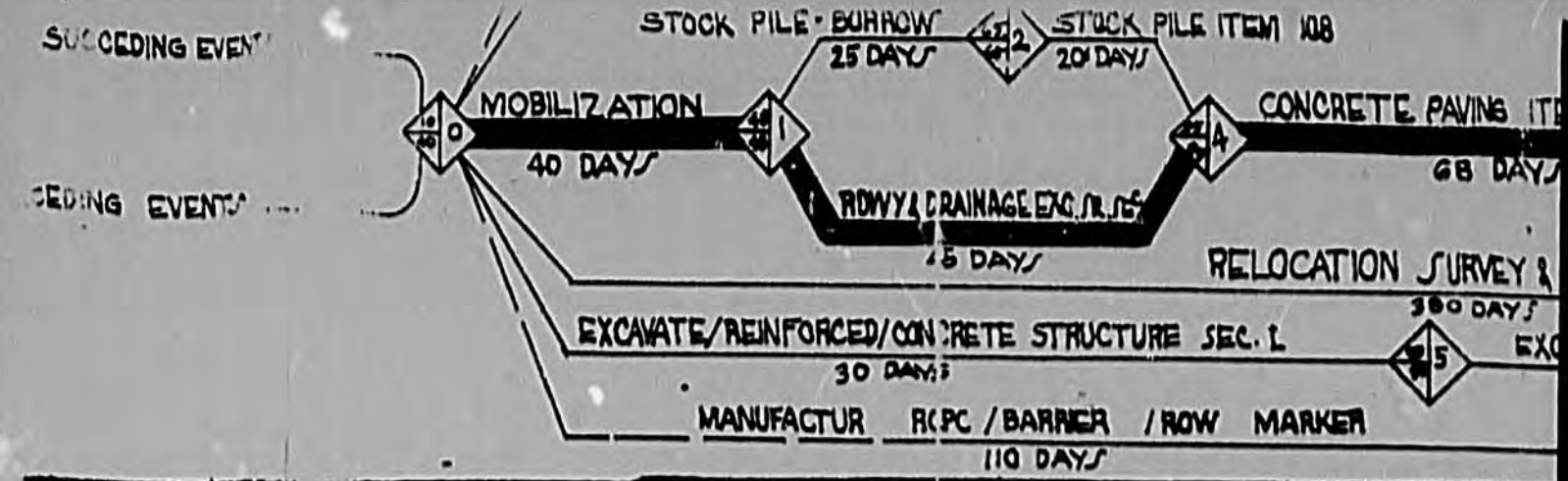
TEOFILO T. TANJUATCO III

PROJECT MANAGER

RECOMMENDED

ALEJANDRO

PROJECT M



	QUANTITY	UNIT COST	CONTRACT AMOUNT	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
	L. S.	[illegible]	[illegible]50.00				
	L.S.						
)	16 KM. M.O.	52.[illegible]	2[illegible]2.00				
)	L. S.		[illegible].00				
	2 @	588.[illegible]	[illegible].00				
	2692 M³	30.6[illegible]	[illegible].20				
	730 M³	64[illegible]	[illegible].00				
	1224 M³	[illegible]	[illegible]4.00				
	574 M³	[illegible]	[illegible].00				
	1050 M³	4[illegible]	[illegible]5.00				
	17300 M³	8[illegible]	[illegible]0.00				
	67 M³	7[illegible]	[illegible]6.00				
	9.9 KM	8.950	[illegible].00				
	12.8 KM	7.350	[illegible]0.00				
	8 MT.	3.200/mt	[illegible]00.00				
	55 M³	193.[illegible]	[illegible]94.50				
	13 MT	4[illegible]	[illegible]6.50				
	68425 M²	162.8/[illegible]	[illegible]50.00				
	398 M³	474.[illegible]	[illegible]80				
	26,480 KG	7.50/Kg	[illegible].00				
	56 LM.	465.[illegible]	[illegible].60				
	9 LM	[illegible]	[illegible].60				
	830 M³	3[illegible]	[illegible]5.00				
	1600 M³	[illegible]	[illegible]0.00				
	10 LM.	4[illegible]	[illegible]0.00				
	30 M³	71.[illegible]	[illegible].00				
	764 @	6[illegible]	[illegible].60				
	32 @	11[illegible]	[illegible]8.80				
OW				32,688.10	319,955.80	358,469.09	577,698.12
JT				32,588.10	352,543.98	711,013.07	1,288,211.19

RECOMMENDING [illegible]

ALEJANDRO [illegible]

PROJECT MA[illegible]

APPROVED:

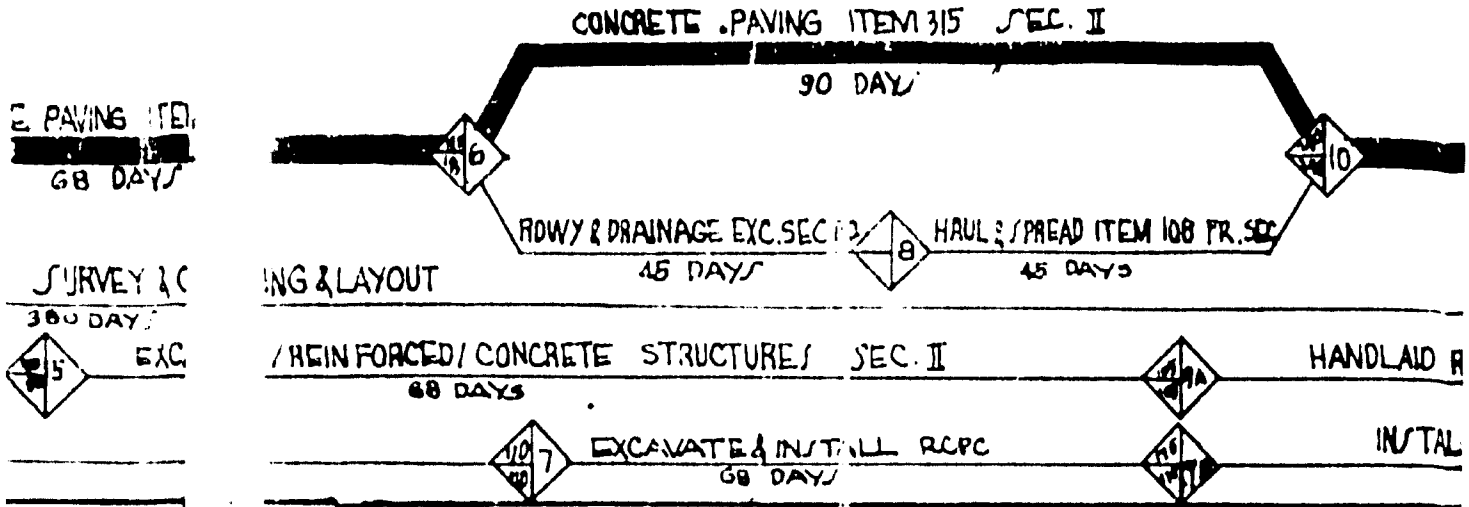
ANGEL SALVADOR

PROJECT MANAGER PMO

VICENTE B. L[illegible]

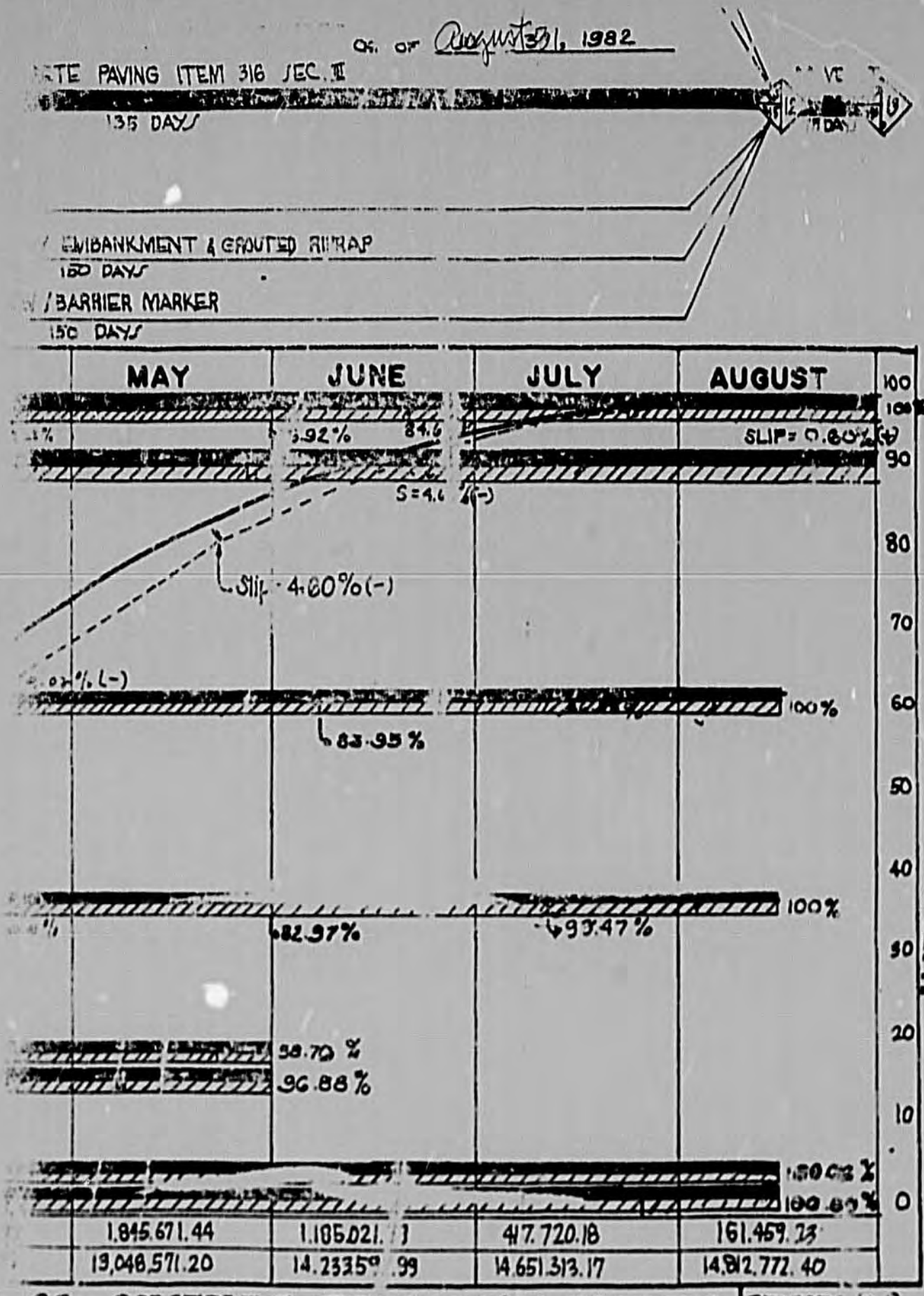
PROJECT [illegible]

BEST AVAILABLE DOCUMENT



EMBER	EMBER	JANUARY	FEBRUARY	MARCH	APR
698 12	30 282 11	1 805 676 96	1 727 169 26	2 977 362 25	2 471 7
211 19	18 953 30	4 024 630 26	5 761 799 52	8 729 166 77	11 201 8

REVISED PRO
CAL



SCHEDULE - PERT CPM/CASH FLOW
NGA - SIBOBO ROAD

REVISED (2nd)
DECEMBER, 1981

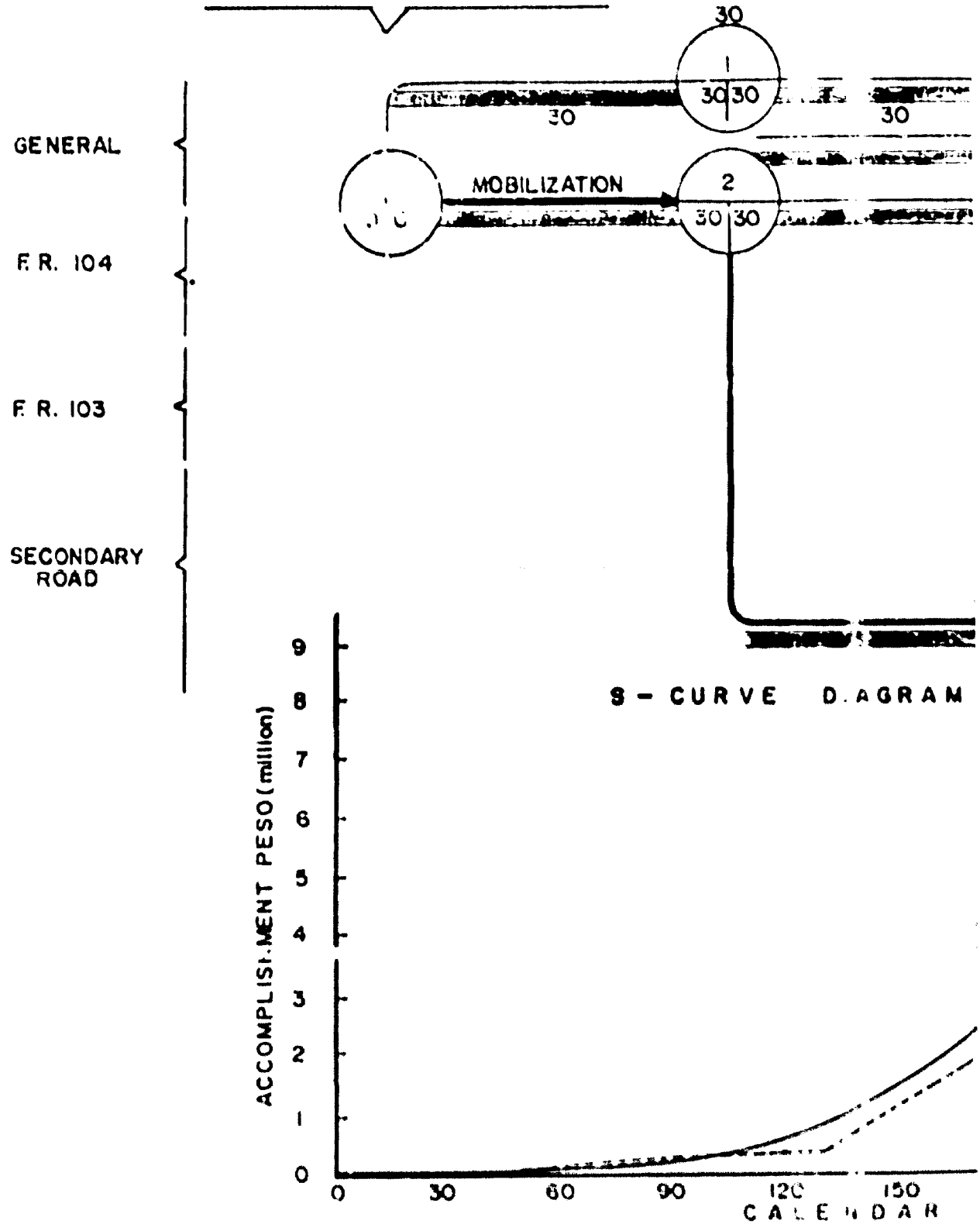
BEST AVAILABLE DOCUMENT

AVAILABLE DOCUMENT

54

DATE STARTED SETEMBER 11, 1981

PROVIDE AND MAINT



MONTHLY ACCOMPLISHMENT	5,173.00	118,131.10
ACCOMPLISHMENT (CUMULATIVE)	5,173.00	118,131.10

Submitted:

R. L. UMALI CONSTRUCTION CORPORATION

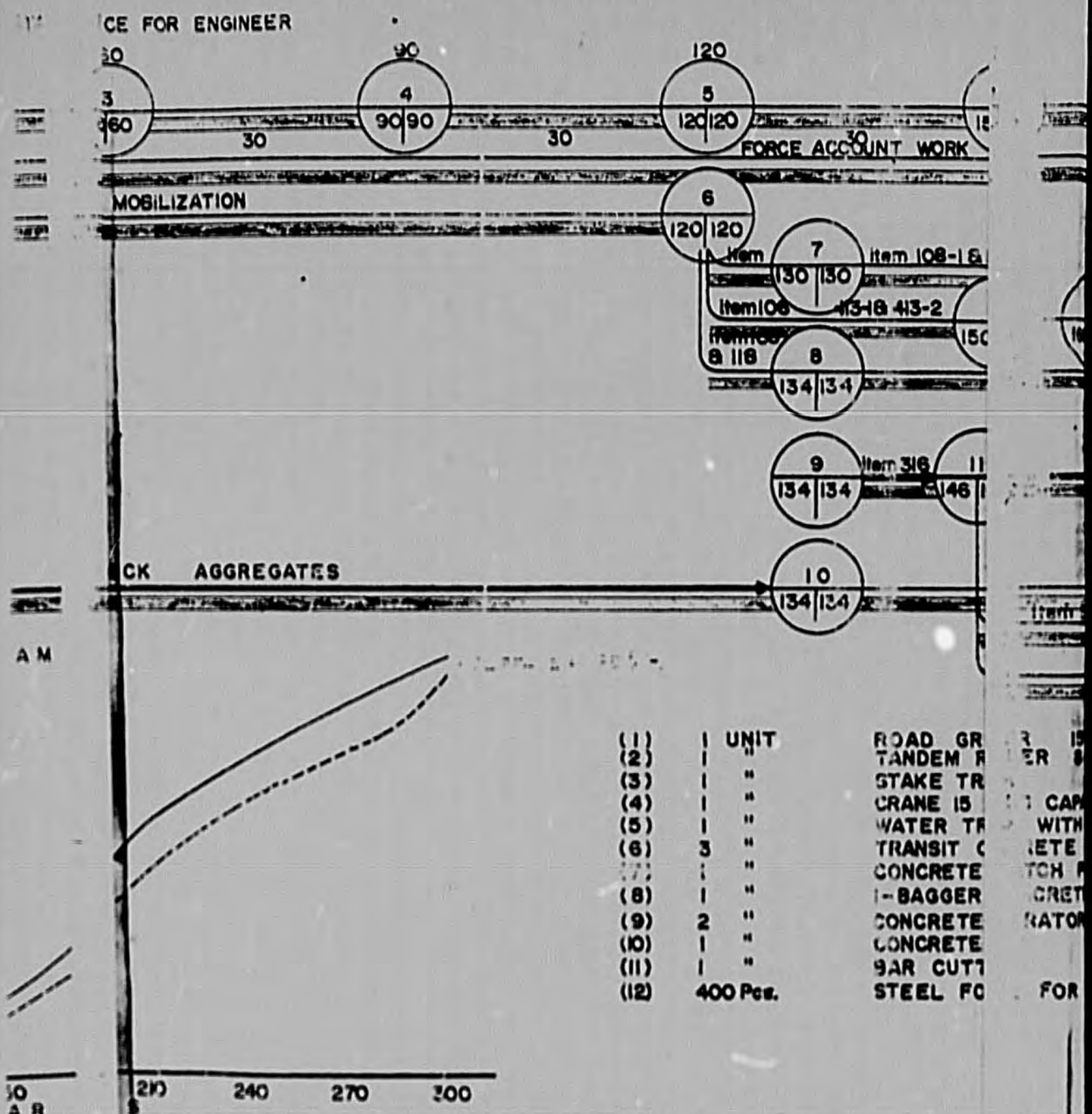
(SGD) BENJAMIN R. CACERES
Project Manager

Recommending

(SGD) ALI
Proj

PERT CPM NET WO

CONSTRUCTION OF LIBMANAN-CABUS



.10	225,747.00	264,084.50	884,194.10	15
.10	344,051.10	608,115.60	1,492,109.70	30

nending

56

Approved:

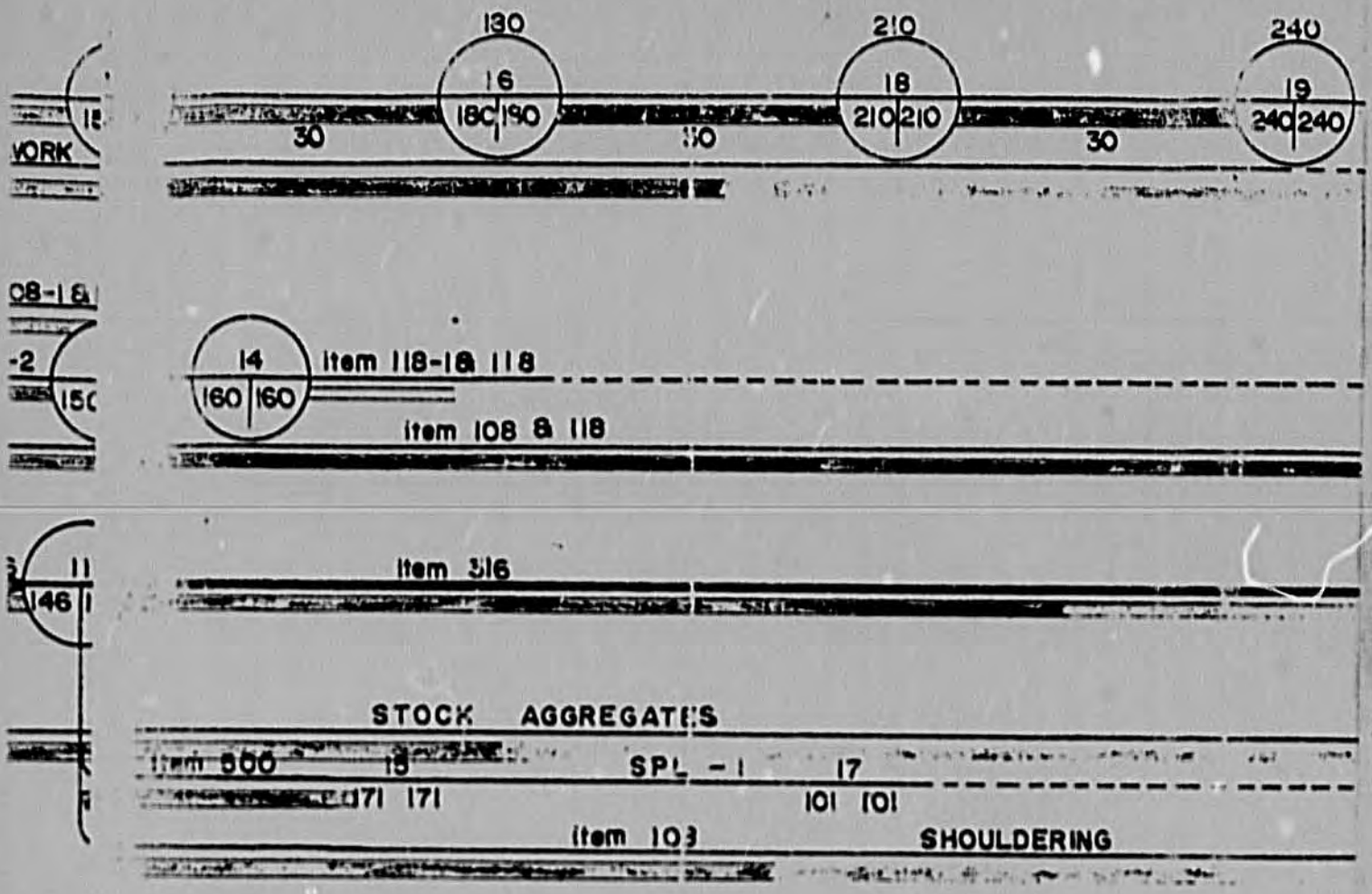
D) ALI DESEO
Proj r T G C

(SGD) ANGEL E. SALVADOR
Project Manager P M O

(SGD) VICENT LOPEZ
Proje irector

ET WORK

US ROAD PACKAGE-I, SUB-PROJ. I, BSFRP



D GR R 15HP
DEM R ER 8-12T
E TR
E 15 CAPACITY WITH CLAMSHELL ATTACHMENT OR PAYLOADER (3/4 Cu. Yd.)
ER TR WITH PUMP & SPRINKLER AT 6,000 L. CAPACITY
ISIT C ETE MIXERS, 8Cu. Yd.
RETE TCH PLANT, 60 Cu. M/HR.
GGER CRETE MIXER
RETE RATOR, 8 HP
RETE
CUTT
L FC FOR CONCRETE PAVING

1,552,172.60	1,809,421.60	1,580,325.00	
3,044,482.30	4,853,903.90	6,434,229.00	

REVISED PROGRESS SCH

LIBMANAN - CA

CENT LOPEZ CESO II
Proje rector

57

130 210 240

16 18 19

180 180 210 210 240 240

30 30 30

14 Item 118-18 118

160 160

Item 108 & 118

Item 316

STOCK AGGREGATES

Item 500 15 SPL - 1 17

171 171 101 101

Item 103 SHOULDERING

15 HP
8 – 12 T

CAPACITY WITH CLAMSHELL ATTACHMENT OR PAYLOADER (3/4 Cu. Yd.)
WITH PUMP & SPRINKLER AT 6,000 L. CAPACITY
ETE MIXERS, 8Cu. Yd.
H PLANT, 60 Cu. M/HR.
RETE MIXER
ATOR, 8 HP

FOR CONCRETE PAVING

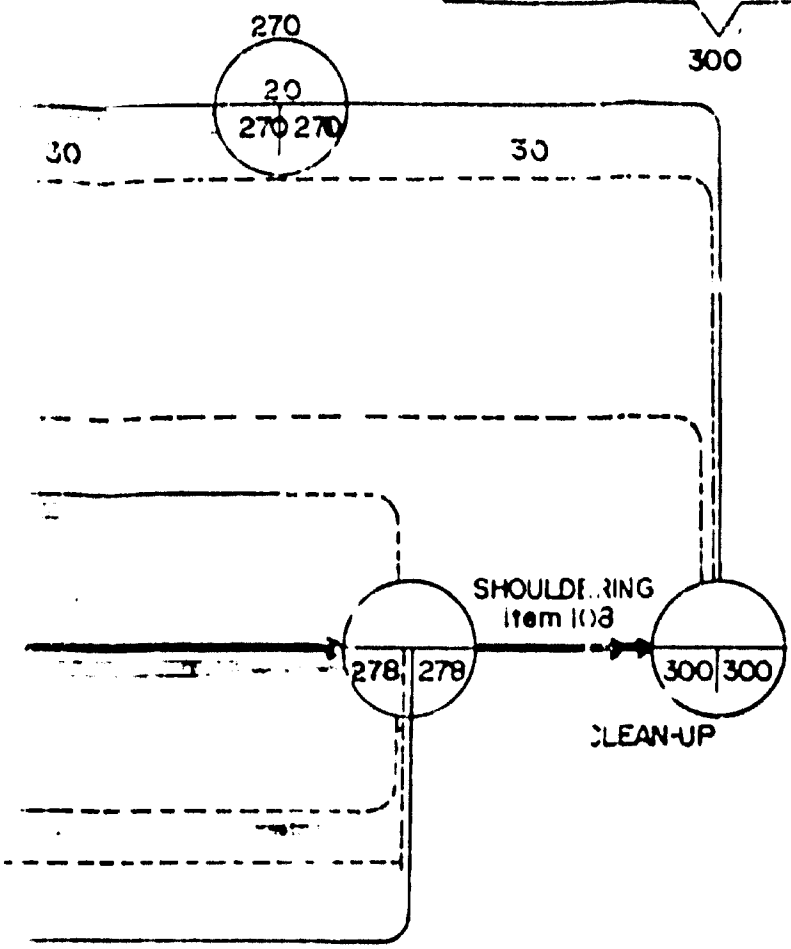
1,592,172.60	1,801,421.60	1,680,325.00	
3,044,482.30	4,855,903.90	6,434,229.00	

REVISED PROGRESS SCH

LIBMANAN – CAI

PER CESO II

TENTATIVE EXPIRY DATE JULY 30 1982



,649.0	687,61[illegible] 70
,878.0	8,471,49[illegible].20

JLE PERT CPM/CASH FLOW

SA[illegible] ROAD

BEST AVAILABLE DOCUMENT

BEST AVAILABLE DOCUMENT

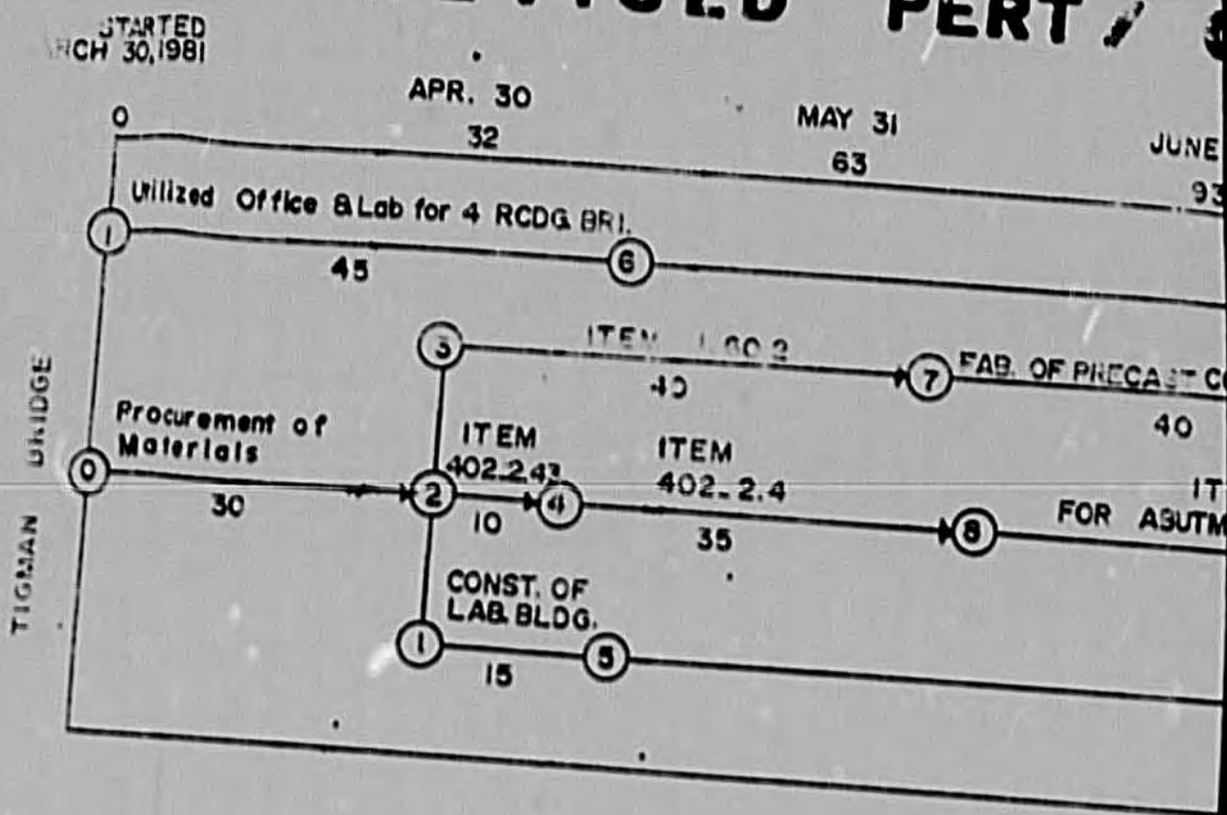
ITEM NO.	ESTIMATED % WEIGHT Schedul	ACCOMPLISHED Item	ACCOMPLISHED Project	QUANTITY	UNIT COST	AMOUNT
GENERAL						
1.60.1	0.4174	100.00	0.4174	6 Mos.	4,800	29,800.00
1.60.2	0.5073	100.00	0.5073	L.S.	lump sum	35,000.00
Sub Total	0.9247		0.9247			63,800.00
TIGMAN BRIDGE						
100	0.0351	100.00	0.0351	0.20 Ha.	12,100.00	2,420.00
105	4.0643	98.14	3.9889	6725 cu.m.	41.70	280,432.50
107	0.3634	100.00	0.3634	538 cu.m.	46.60	25,070.80
108	0.8348			680 cu.m.	84.70	57,596.00
316	4.6090			2000 sq.m.	159.00	318,000.00
402-24a	0.4209	100.00	0.42	2 Ea.	14,520.00	29,040.00
402-2.4	2.8828	99.15	2.8583	234 LM	850.00	198,900.00
403	0.6938	100.00	0.6938	88 LM	544.00	47,872.00
405	3.5566	100.00	3.5566	169 cu.m.	1,452.00	245,588.00
405-A(2)	13.3319	100.00	13.3319	8 Ea.	144,980.00	919,840.00
403	4.5047	100.00	4.5047	21,435 Kg.	14.50	310,807.50
500	0.4525	81.40	0.3683	86 cu.m.	363.00	31,218.00
510	0.0092			8 Ea.	80.00	640.00
Sub Total	35.7592		30.1219			2,467,224.80
HIMURAGAT BRIDGE						
100	0.0298	50.00	0.0148	0.20 Ha.	10,285.00	2,057.00
105	0.0865	100.00	0.0865	1.50 cu.m.	39.90	5,985.00
107	10.6680	49.39	5.2689	14,780 cu.m.	49.80	735,044.00
108	0.7979			650 cu.m.	84.70	55,055.00
316	7.0222			2,850 sq.m.	170.00	484,500.00
402-24a	0.4209	100.00	0.42	2 Ea.	14,520.00	29,040.00
402-2.4	4.8786	99.49	4.8537	396 LM	850.00	336,600.00
403	1.1481	100.00	1.1481	138 LM	574.00	79,212.00
405	8.0929	98.27		338 cu.m.	1,652.00	559,376.00
405-A(1)	20.9944	100.00	20.9944	12 Ea.	120,710.00	1,448,520.00
406	8.3894	99.46	8.3431	37,100 Kg.	15.60	578,760.00
500	0.7786	54.05	0.4208	148 cu.m.	363.00	53,724.00
510	0.0098			8 Ea.	83.00	664.00
Sub Total	63.3161		49.500			4,388,537.00
Grand Total	100.00		80.54			6,999,561.80

MONTHLY ACCOMPLISHM	
CUMULATIVE TOTAL	

60

BEST AVAILABLE DOC

REVISED PERT /



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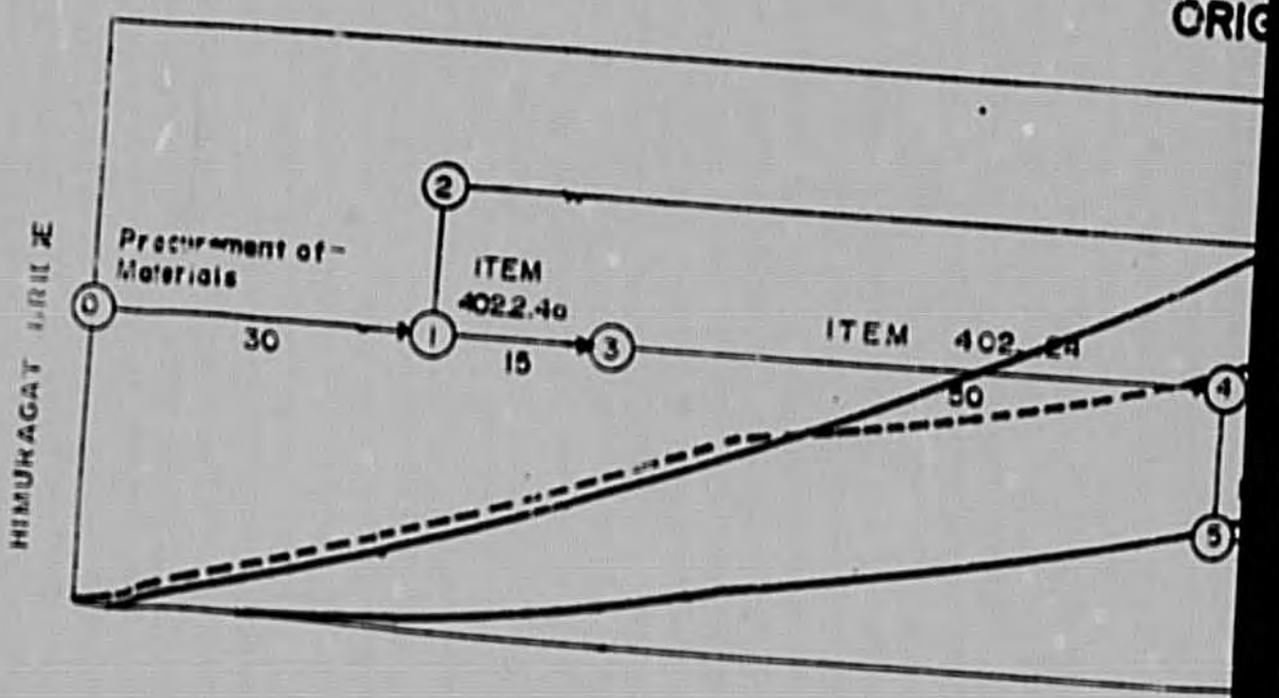
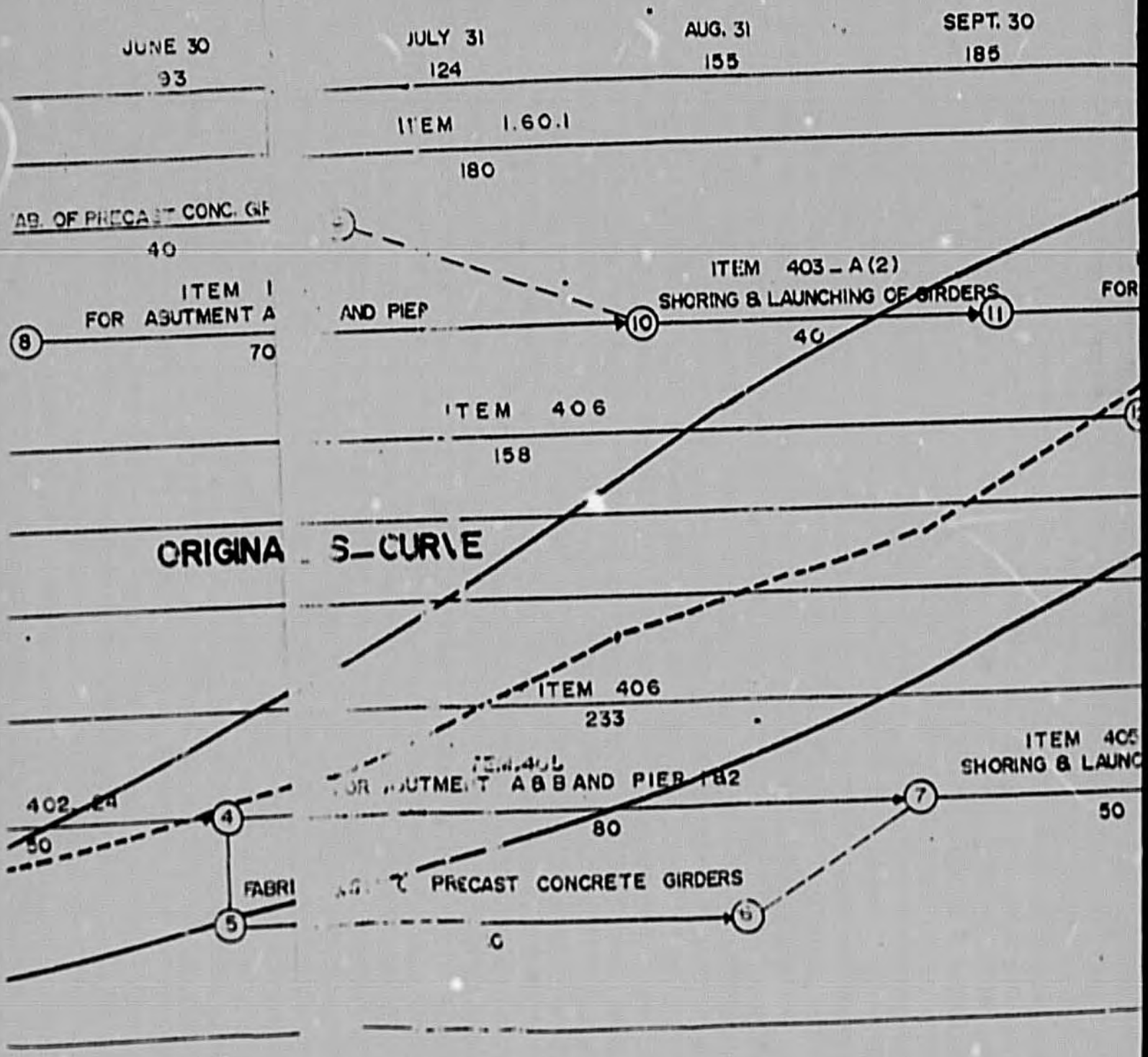


	46,314.04		
		382,774.31	476,322.56
		429,088.35	906,010.97

DOCUMENT

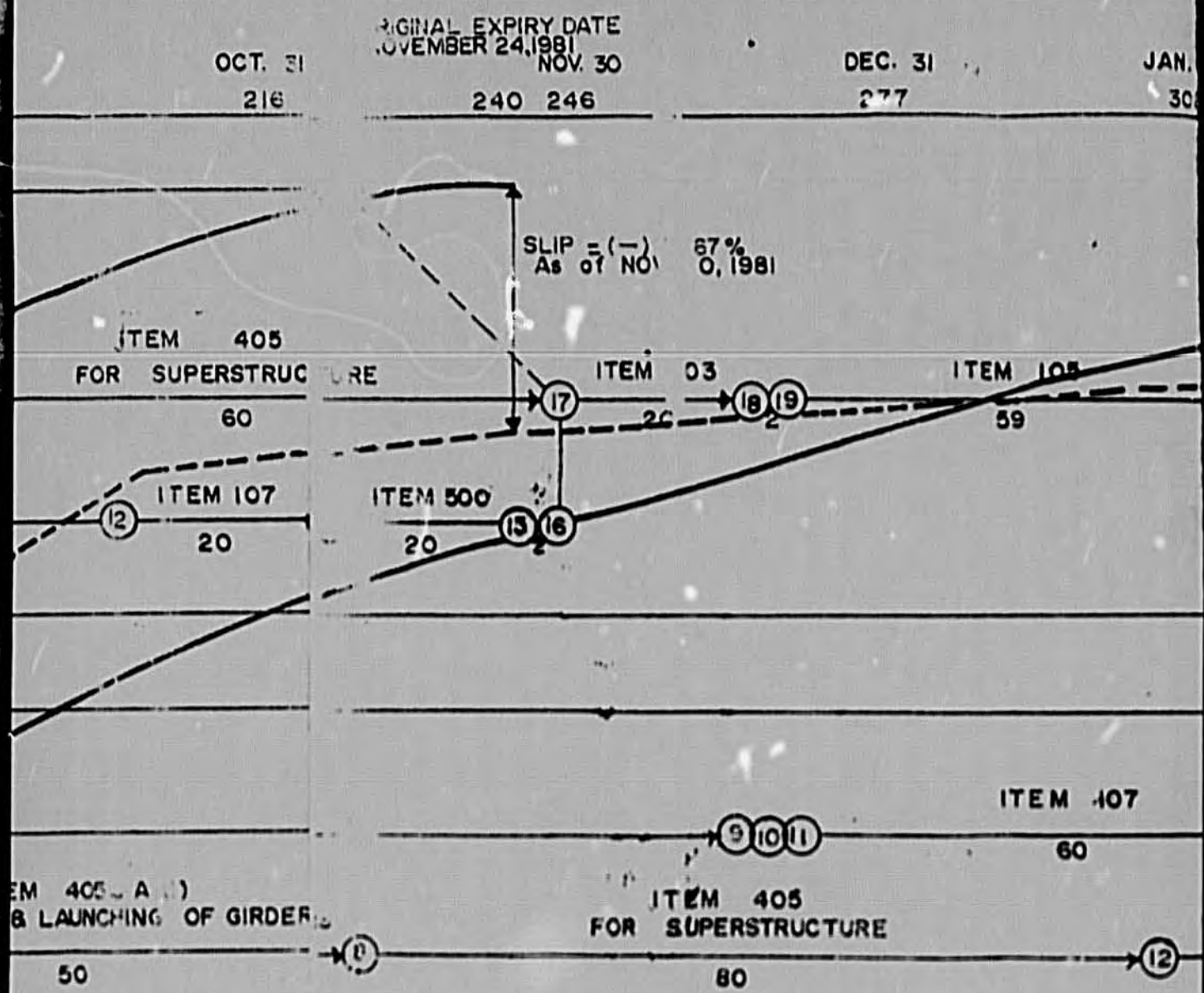
RT / CPI NETWORK DIAGRAM FOR



62

76,322.56	4	92	671,637.52	793,772.68	1,001,
06,010.97	1,5	22.9	2,046,550.30	2,842,325.03	3,343,

FOR TIG .N & HIMURAGAT BRIDGES



63

1,001,672.52		46,168.45	660,060.29	310,548.08
3,343,995.55		40,164.00	5,050,224.29	5,560,772.37

BEST AVAILABLE DOCUMENT

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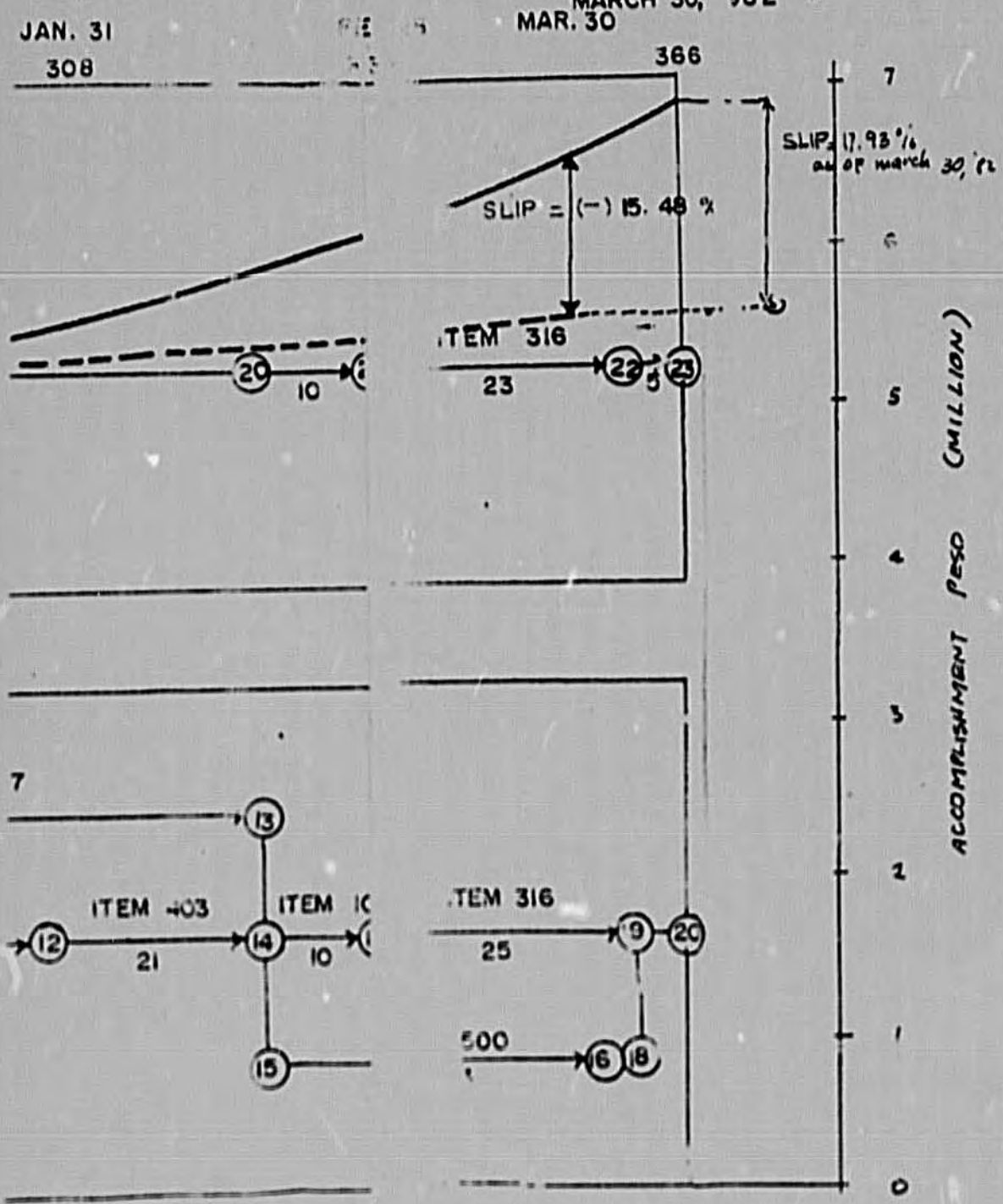
ANNEX F
as of August 31, 1982
TENTATIVE EX RY DATE
MARCH 30, 982



BEST AVAILABLE DOCUMENT

08	505,625.45	953,16[illegible]0
7	6,066,397.80	[illegible]889,561.[illegible]0

64

BEST AVAILABLE DOCUMENT

PAY ITEM	DESCRIPTION	EN SCHEDULE
160	Provide and Maintain Lab and Office for Engineer	0.88034
10[illegible]	Roadway and Drainage Excavation	2.05116
106	Excavation for structure	0.2581[illegible]
107	Borrow	10.9035[illegible]
107.1	Borrow	34.1138[illegible]
108	Aggregate Subbase	21.40[illegible]
110	Foundation Fill	0.27[illegible]
118	Repreparation	1.625[illegible]
200	Aggregate Base Course	14.9969
401	Timber (detour) Trestle (superst'ture only) on Conc. Pile Bent	3.67[illegible]
405	Concrete Class A (Miscellaneous)	5.7611[illegible]
406	Reinforcing Steel	1.87220
413	0.30 M ø Reinforced Concrete Pipes	0.53007
413-1	0.45 M ø Reinforced Concrete Pipes	0.46202
413-3	0.90 M ø Reinforced Concrete Pipes	0.38921
413-4	1.20 M ø Reinforced Concrete Pipes	0.56872
310	Right-of-Way Markers	0.19933

REVISED BAR SCH
PILI-MATAOROC
1st Revis

EST WEIGHT SCHEDULE	COMPLISHED	ITEM	QUANTITY	UNIT COST	AMOUNT	STARTING CONTRACT Feb	
0.88034	[illegible]	60.	11.5 Mos	4600.00	52900.00		[redacted]
2.05116	[illegible]	100.	3735 Cu.M	33.00	123255.00		
0.2581[illegible]	[illegible]	78.	235 Cu.M	66.00	15510.00		
10.9035[illegible]	[illegible]	100.[illegible]	11105 Cu.M	59.00	655195.00		
34.11[illegible]	[illegible]	102.[illegible]2	29755 Cu.M	69.00	2053095.00		
21.40[illegible]	[illegible]	100.00	12480 Cu.M	103.00	1286058.00		
0.27[illegible]	[illegible]	83.33	120 Cu.M	136.00	16320.00		
1.625[illegible]	[illegible]4	100.00	18 Km	5439.00	97902.00		
14.9969	[illegible]	29.74	6725 Cu.M	134.00	901150.00		
3.67[illegible]	[illegible]	100.00	13 Span	17000.00	221000.00		
5.7611[illegible]	[illegible]	53.90	308 Cu.M	1124.00	346192.00		
1.87220	[illegible]	59.60	9534 Kg	11.80	112501.20		
0.53007	[illegible]	100.00	137 LM	232.50	31882.50		
0.46202	[illegible]	100.00	72 LM	385.60	27765.20		
0.38921	[illegible]	100.00	21 LM	1056.50	22186.50		
0.56872	[illegible]	100.00	22 LM	1553.40	34174.80		
0.19933		—	225 Ea	53.00	11978.00		
	[illegible]1% as of August 20 1982				[illegible].20	1150.00	4592.21
			CUMMULATIVE TOTAL AMOUNT				5742.21

[illegible]red by:

DOMINICO D. MANGUBAT
Project Engineer
ARM Construction & Development Corp.

Submitted by:

AMADO E. BANDELA
Deputy Project Manager
Integrated Philconsult Inc.

66

REVISED BAR SCH[illegible]ULE OF WORK
PILI-MATAOROC [illegible]D PROJECT
1st Rev[illegible]

BEST

ST	AMOUNT	STARTING	CONTRACT Feb [illegible]	[illegible]	March 31	Apr 30	May [illegible]
00	52900.00						
00	123255.00						
00	15510.00						
00	655195.00						
00	2055085.00						
00	1286058.00						
00	16320.00						
00	97902.00						
00	901150.00						
00	221000.00						
00	346192.00						
0	112501.20						
0	31852.50						
0	27765.20						
0	22156.50						
0	34174.80						
0	11978.00						
	[illegible]20	1150.00	4592.21	[illegible]5268.06	559572.10	658331.74	[illegible]
AL	AMOUNT		5742.21	[illegible]103026	880602.36	1739434.10	[illegible]

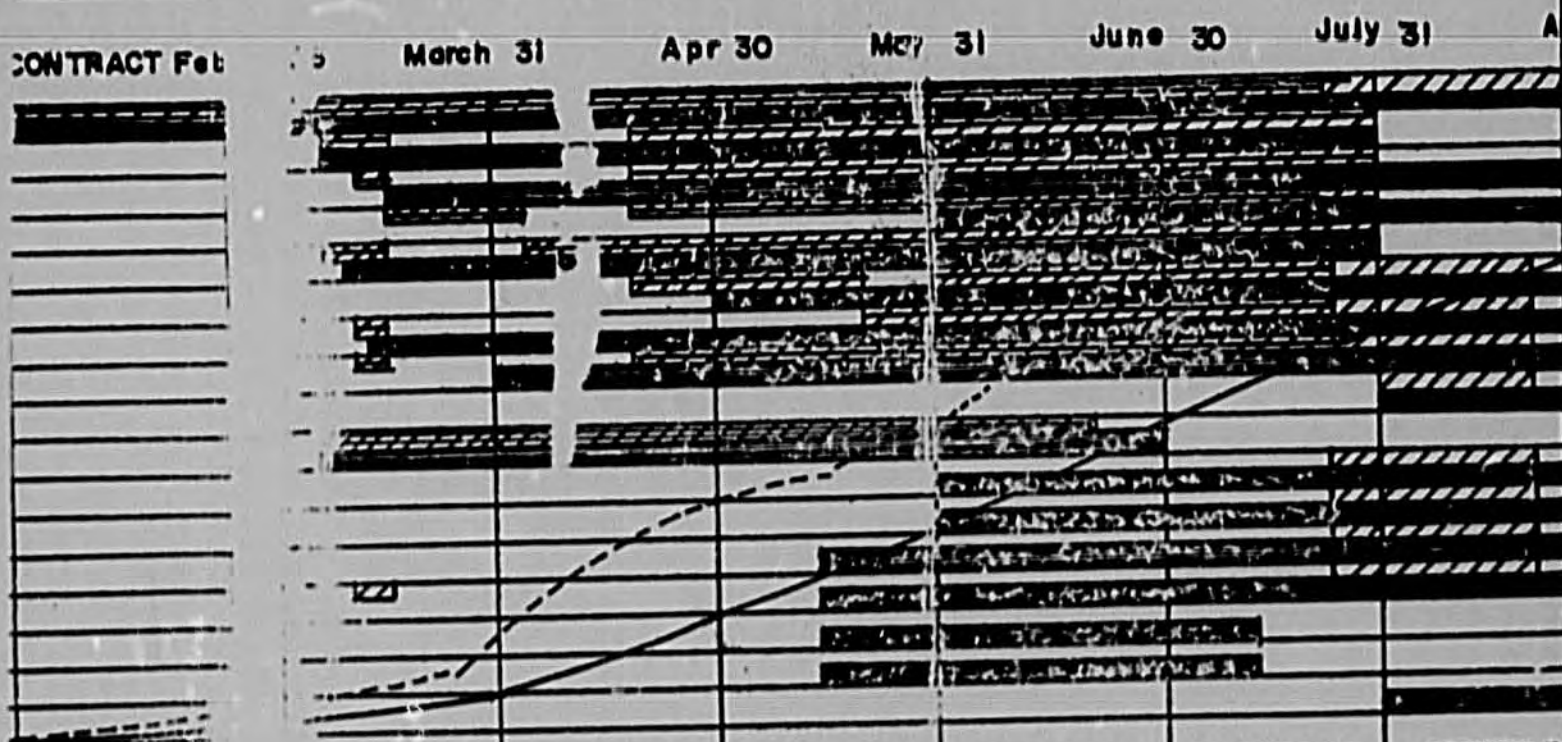
Submitted by:

AMADO E. BANDELA[illegible]A

Deputy Project Manager
Integrated Philconsult Inc.

SCH[illegible]ULE OF WORK
ROC[illegible]D PROJECT
t Revi[illegible]

BEST AVAILABLE DOCUMEN



4592.21	[illegible]5288.06	559572.10	858331.74	1230009.70	1145852.50	456632.5[illegible]
5742.21	[illegible]1030.26	880602.36	1739434.10	2909443.80	4115296.70	4546928.9[illegible]

Approved:

BANDELA[illegible]A
[illegible]ect Manager
[illegible]hilconsult Inc.

ANGEL E. SAL[illegible]
Project Manag[illegible]
Proj. Management

68

ANNEX G——B
AS OF AUGUST 31 1982

DOCUMENT

ORIGINAL EXPIRY DATE — JAN. 4, 1983
REVISED EXPIRY DATE — JAN. 11, 1983

July 31	Aug. 31	Sept. 30	Oct 11	Nov. 30	Dec 31	END OF CONTRACT TIME
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	

ANNEX G——E

AS OF AUGUST 31 1982

ORIGINAL EXPIRY DATE – JAN. 4, 1983

REVISED EXPIRY DATE – JAN. 11, 1983

Oct 30	Oc 11	Nov. 30	Dec 31 END OF CONTRACT TIME
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
378388.43	262071.43	34868.71	1150.00
5297143.10	565921450	6007883.20	600903320

ITEM NO	DESCRIPTION	ESTI SCHEDUL
1.60.1	Provide [illegible] Of[illegible] Laboratory for Engineer	0.73342
100	Clearing and G[illegible]bbing	0.22882
105-SR	Roadway and D[illegible]inage Excavation	0.12090
105-FR	Roadway and D[illegible]inage Excavation	0.41649
105-4	Excavation of Ur[illegible]uitable Materials	2.01432
106	Excavation for [illegible]tructures	1.30930
107	Borrow	38.36914
108	Aggregate Subbase	17.80130
103-1	Removal of Bri[illegible]es	0.01161
110	Foundation Fill	0.07406
200	Aggregate Base Course	11.28254
302	Medium Curing Cutback Asphalt(Grade MC-1) for Bit. Prime Co	2.16749
314-1	Aggregate Materi[illegible]l for BST	1.23318
314-3	85-100 Penetrat[illegible]on Asphalt Cement for BST	3.43719
401	Timber (detour) [illegible]estle (Superstructure only on concrete pile b	3.26261
402-2.5	Precast Concret[illegible] Piles	7.37361
402-2.5a	Concrete Test P[illegible]les (furnished and drive)	0.39676
402-2.5a	Concrete Test P[illegible]les (furnished and drive)	0.56517
403	Concrete Railing	0.14928
405	Concrete Class "A" (Miscellaneous)	1.29153
405-1	Concrete Class "[illegible]" (Bridge)	3.11564
406	Reinforcing Ste[illegible]	1.93546
413	0.30 Reinforce[illegible] Concrete Pipes	0.05023
413-1	0.46 Reinforce[illegible] Concrete Pipes	0.13323
413-2	0.60 Reinforce[illegible] Concrete Pipes	1.57212
413-3	0.90 Reinforce[illegible] Concrete Pipes	0.02844
413-4	1.20 Reinforc[illegible]d Concrete Pipes	0.30786
500-	Riprap and Gr[illegible]uted	0.12192
501	Hand-laid Roc[illegible] Embankment	0.37814
510	Right-of-Way Markers	0.20901
		100.0000

BEST AVAILABLE DOCUMENT

PALISTINA-

	ESTIMATED % WEIGHT			QUANTITY	UNIT	UNIT COST
	SCHEDULED	ACCOMPLISHED				
		PROJECT	ITEM			
r	0.73342	0.471[illegible]	64.2005	14.00	Mo.	4,421.28
	0.22892	0.065[illegible]	[illegible]	[illegible]	[illegible]	3,450.00
	0.12090	0.108[illegible]	90.6030	[illegible]	Cu.M.	11.75
	0.41649	0.252[illegible]	60.6920	1,[illegible]	Cu.M.	18.50
	2.01432	2.014	100	[illegible]	Cu.M.	34.00
	1.30830	1.072	82.00	2,165.[illegible]	Cu.M.	51.00
	38.36914	28.878	73.9625	[illegible]	Cu.M.	60.05
	17.80130	12.615[illegible]	70.954	23,438.00	Cu.M.	64.09
	0.01161			1	Ea.	980.00
	0.07406	0.721	97.414	50.00	Cu.M.	125.00
	11.28254	8.34417	73.9565	6,200.00	Cu.M.	138.00
me Co	2.16749			42.00	M.T.	4,355.40
	1.23318			575.00	Cu.M.	181.00
	3.43719			63.00	M.T.	3,495.00
pile b	3.26261	2.2858	70.00	10.00	Span	27,535.00
	7.37361	6.5862	89.322	590.00	M.	1,054.75
	0.39575	0.39575	100	2.00	Ea.	16,700.00
	0.56517	0.488	86.67	3	Ea.	15,899.43
	0.14929	0.14929	100	60	M.	210.00
	1.29153	1.05195	81.45	100	Cu.M.	1,090.00
	3.11564	2.916	93.556	174.60	Cu.M.	1,506.00
	1.93648	1.8441	95.228	17,371	Kgs.	9.41
	0.05022	0.05022	100.00	11	L.M.	231.85
	0.12323	0.0664	53.845[illegible]	26	L.M.	400.00
	1.57212	1.4001	89.1126	248	L.M.	535.00
	0.02844	0.02844	100	3	L.M.	800.00
	0.30760			22	L.M.	1,180.00
	0.12192	0.12192	100	30	L.M.	343.00
	0.31814	0.31814	100	150	Cu.M.	179.00
	0.20901	0.20901	100	294	Ea.	60.00
	100.00000	71.93 AS OF AUG. '8[illegible]		'82		

CUMULATIVE TOTAL AMOUNT

EAR SCHEDULE OF WORK

ISTINA-SAN ANTONIO-MINALABAC ROAD

BEST A

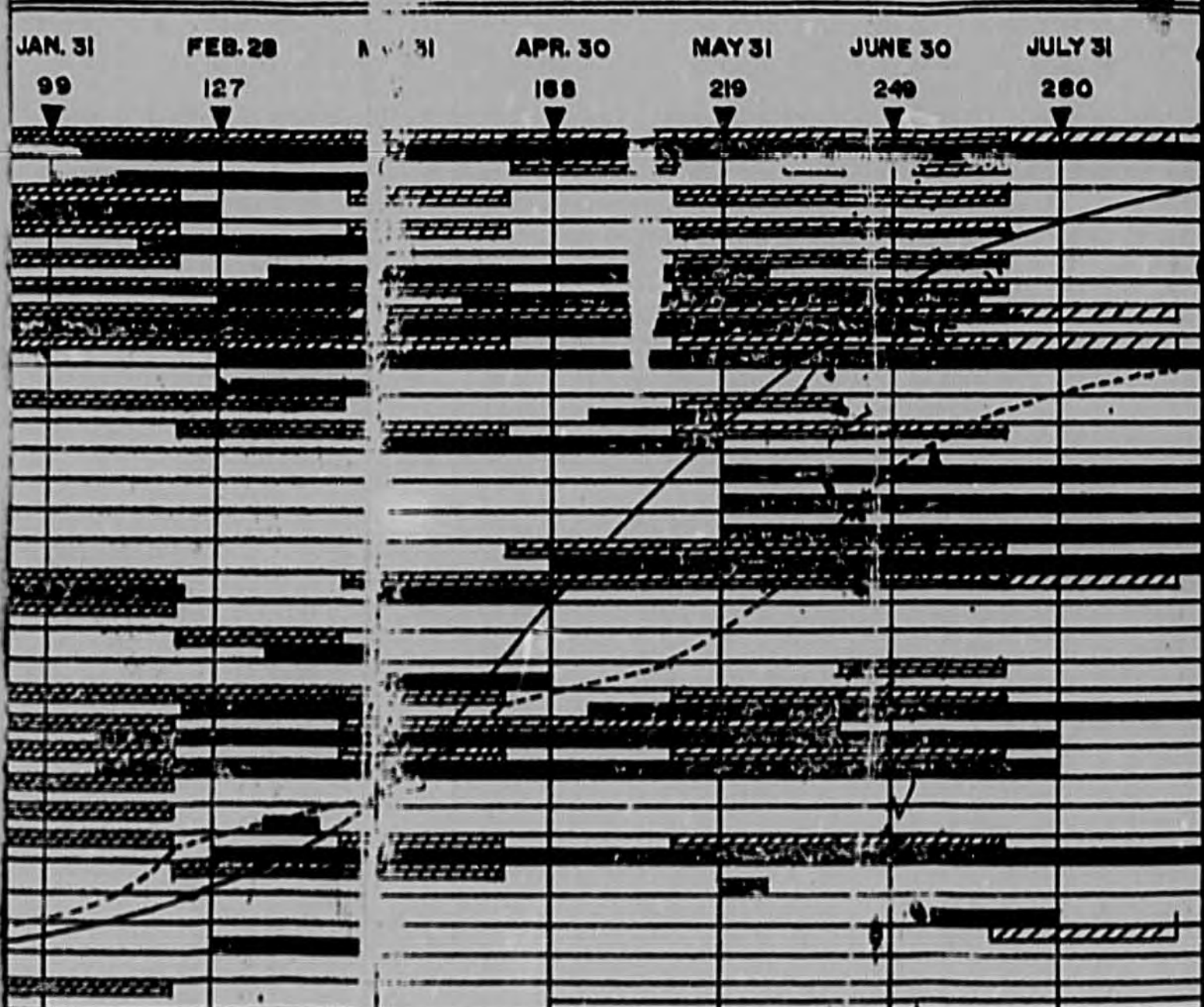
START OF CO. TRACT TIME
October 2 1981

UNIT COST	AMOUNT		OC 31 7	NOV 30 37	DEC. 31 68	JAN. 31 99
4,421.28	61,8[illegible]92					
3,450.00	19,3[illegible]00					
11.75	10,2[illegible]62					
18.50	35,1[illegible]00					
34.00	170,0[illegible]00					
51.00	110,4[illegible]00					
60.05	3,238,[illegible]20					
64.09	1,602,3[illegible]33					
980.00	9[illegible]0.00					
125.00	6,2[illegible]0.00					
138.00	952,2[illegible]0.00					
4,355.40	182,[illegible]3.80					
181.00	104,0[illegible]3.00					
3,485.00	290,0[illegible]5.00					
27,535.00	275,3[illegible]0.00					
1,054.75	622,3[illegible]2.00					
16,700.00	33,4[illegible]0.00					
15,899.43	47,6[illegible]8.00					
210.00	12,6[illegible]0.00					
1,090.00	109,0[illegible]0.00					
1,505.00	262,9[illegible]7.60					
9.41	163,4[illegible].11					
231.85	2,5[illegible].30					
400.00	10,4[illegible]0.00					
535.00	132,6[illegible]0.00					
800.00	2,4[illegible]0.00					
1,180.00	25,9[illegible]0.00					
343.00	10,2[illegible]0.00					
179.00	28,6[illegible]0.00					
60.00	17,6[illegible]					
	8,439,8[illegible]	1,179.01	27,300.21	[illegible]06,013.21	353,631.79	351,467.2[illegible]
AMOUNT			22,479.22	130,495.43	714,327.22	1,065,794[illegible]

ROAD

BEST AVAILABLE DOCUMENT

PREVIOUS A
PROGRESS
SCHEDULED
SCHEDULED
ACTUAL ACC

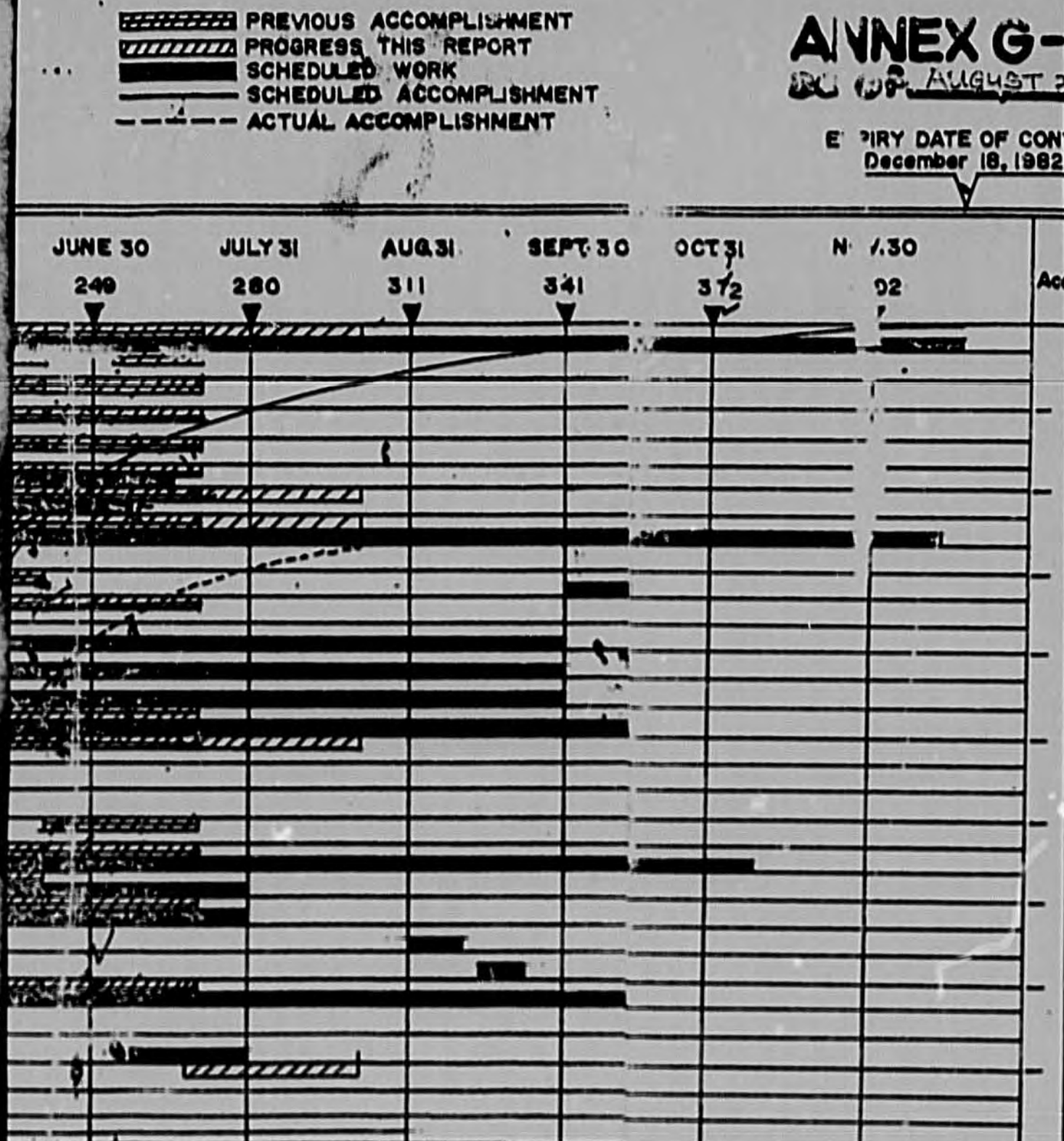


70	351,467.27	963,302.31	1,980,506.30	1,649,670.01	1,186,44[illegible]	[illegible],631.16	302,687.9[illegible]
2'	1,065,784.49	2,019,086.9[illegible]	3,999,593.15	5,649,163.16	6,844[illegible]	7,064,138.37	7,866,826.[illegible]

ANNEX G-

BC OF AUGUST 2

E PIRY DATE OF CON
December 18, 1982



[illegible]	[illegible],531.16	302,687.83	307,098.18	127[illegible]5.54	92,346.10	45,409.78
[illegible]	7,[illegible]64,138.37	7,866,826.20	8,173,924.38	8,301[illegible]9.92	8,394,176.02	8,439,585.80

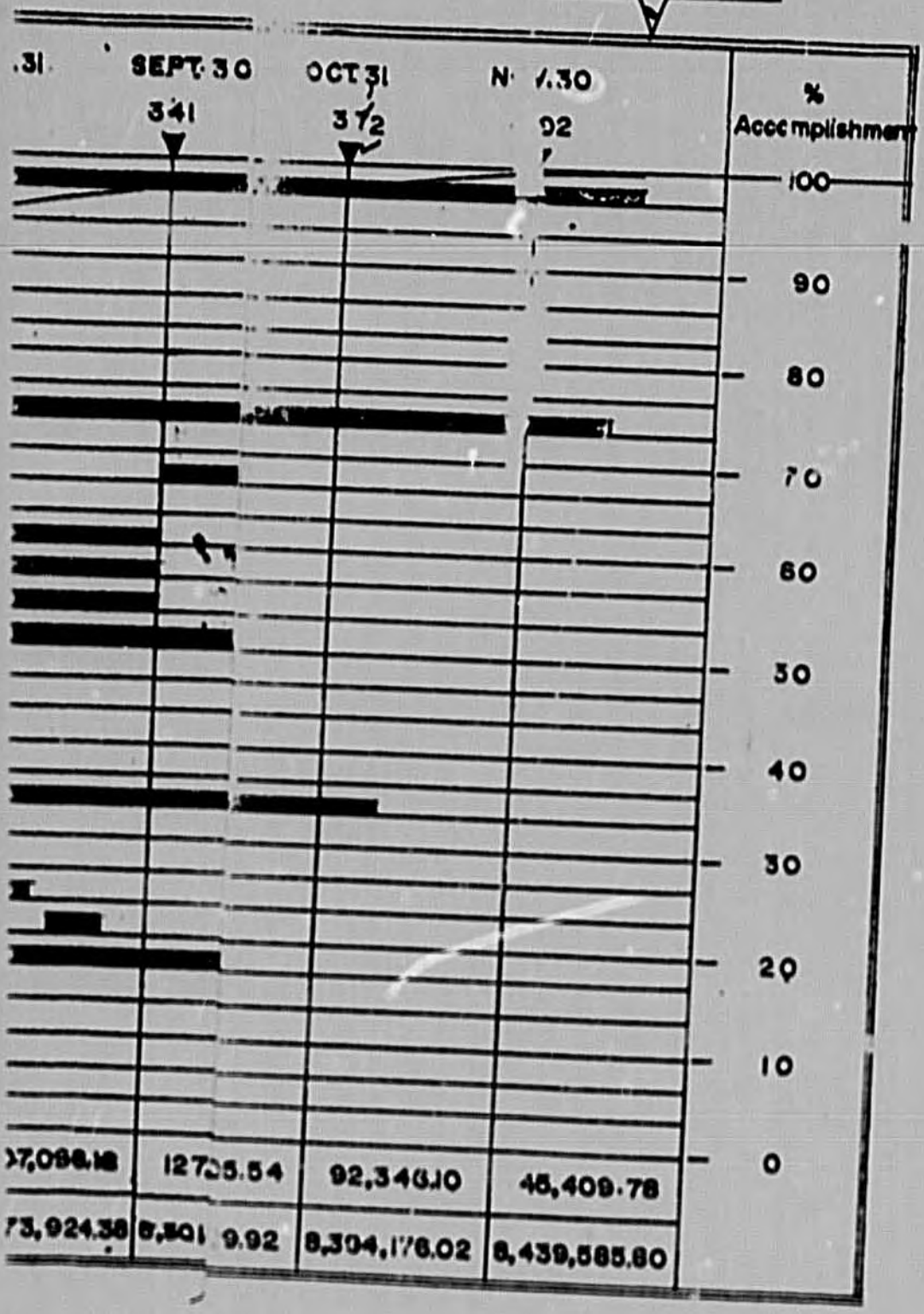
75

MPLISHMENT
REPORT
RK
COMPLISHMENT
PLISHMENT

ANNEX G-3

AS OF AUGUST 21, 82

EXPIRY DATE OF CONTRACT
December 18, 1982



37,098.18	12725.54	92,346.10	45,409.78	
73,924.38	8,301 9.92	8,304,176.02	8,439,585.80	

76

CONTR[illegible]

[illegible] CONTRACT

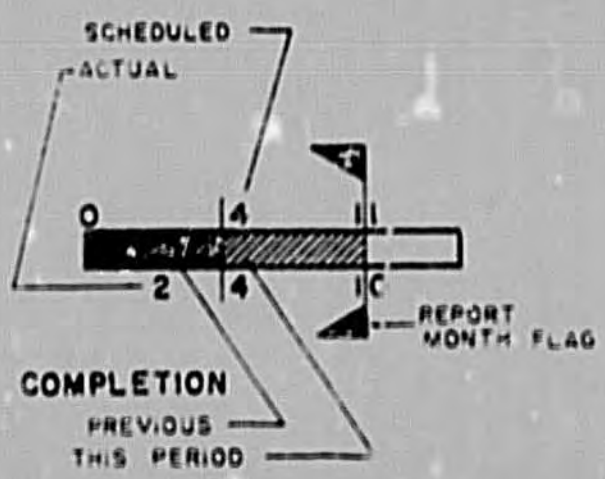
OFFICIAL STARTING DATE: MARCH [illegible] 1982

ORIGINAL COMPLETION DATE: JULY 22, 1982

APPROVED REVISED COMPLETION DATE:

	ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
1	GENERAL			
2	BASE COURSE	8.34	79.02	6.59
3	BITUMINOUS SURFACE PAVEMENT	77.10	98.16	75.68
4	PORTLAND CEMENT CONCRETE PAVEMENT	9.70	60.01	5.82
5	STRUCTURES	1.26	65.08	0.82
6	INCIDENTAL CONSTRUCTION	3.00	51.94	1.87
	TOTAL	100	90.78	

PROGRESS:



ACTUAL	90.78
SCHEDULED	100

LEGEND: SCHEDULED
ACTUAL

Fron

TOR: P... ...

... ...TIATED CONTRACT

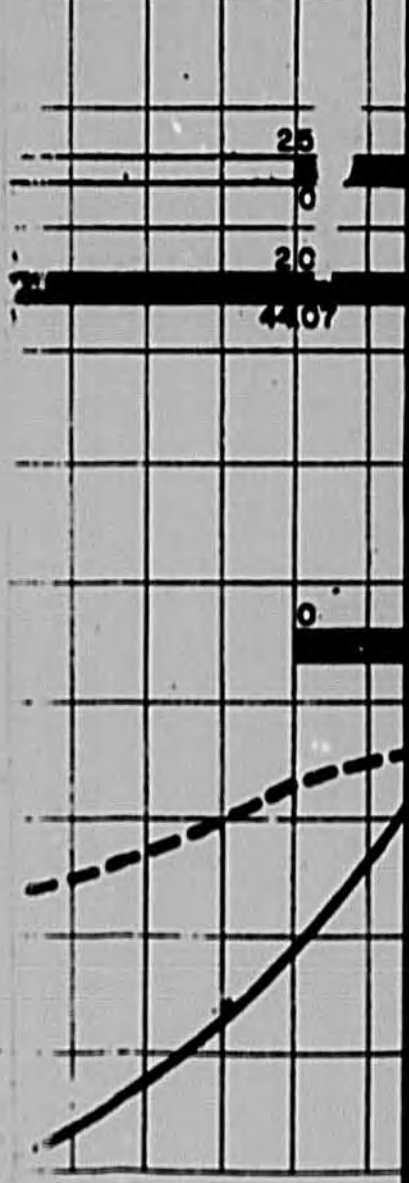
L STARTING DATE: MARCH 15, 1982

L COMPLETION DATE: JULY 22, 1982

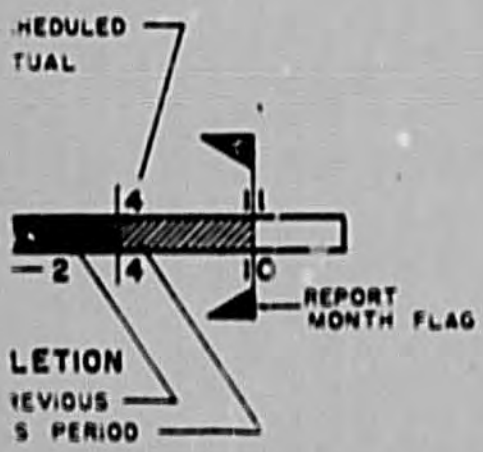
ED REVISED COMPLETION DATE:

BICOL SECONDARY AND
...COL RIVER B. SIN DE...
PA...KAG...
...TION OF SUB-PROJECT N...
...+000 — 4+4..., NA...
...GRAM OF WORK...

ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
ENERAL			
ASE COURSE	8.34	79.02	6.59
BITUMINOUS SURFACE PAVEMENT	77.10	98.16	75.68
PORTLAND CEMENT CONCRETE PAVEMENT	9.70	60.01	5.82
STRUCTURES	1.26	65.08	0.82
INCIDENTAL CONSTRUCTION	3.60	51.94	1.87
TOTAL	100	90.78	
ACTUAL			90.78
SCHEDULED			100



RESS:



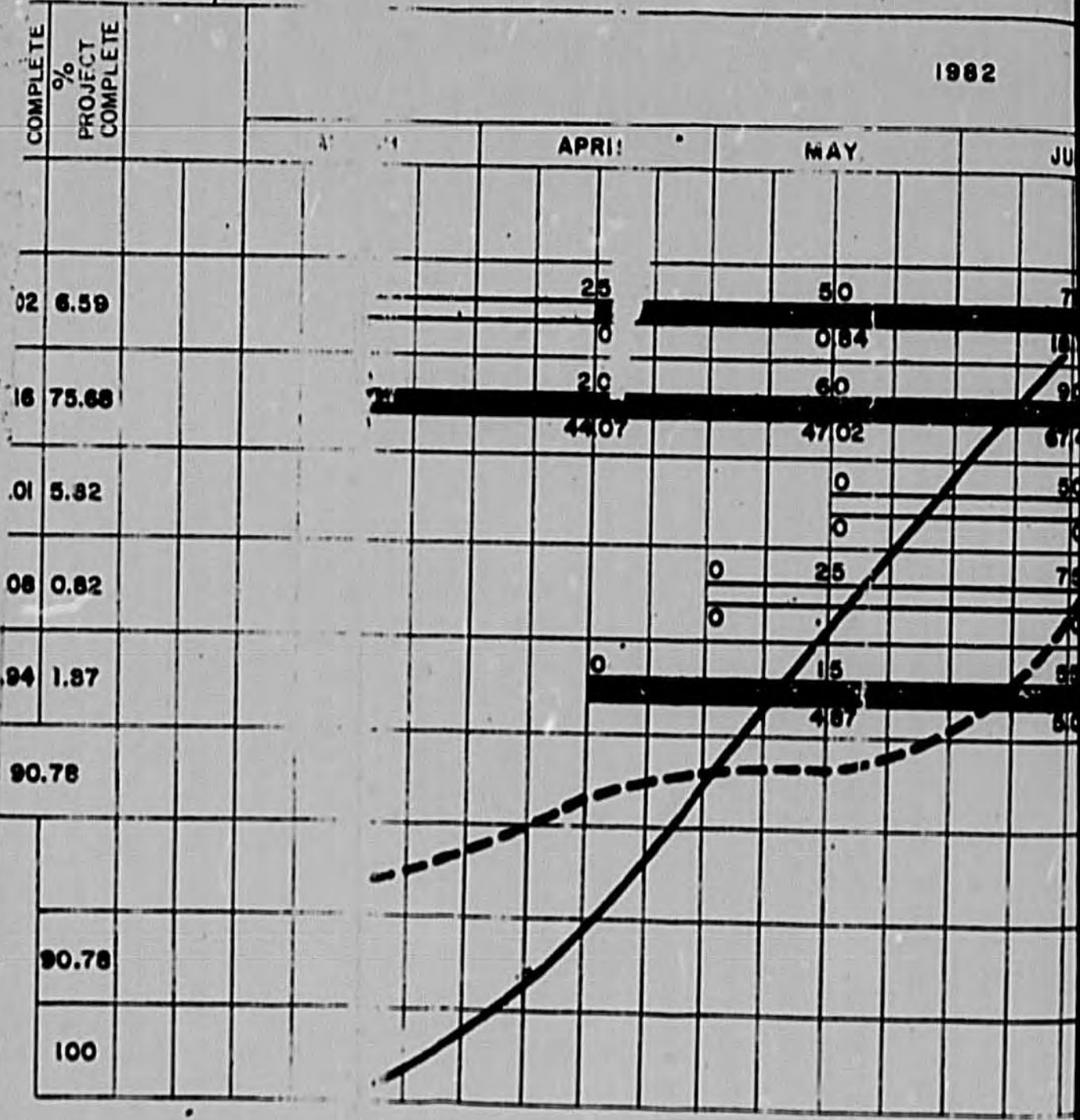
LEGEND: SCHEDULED
ACTUAL

BEST AVAILABLE DOCUMENT

BICOL SECONDARY AND FEEDER ROADS PROJECT
BICOL RIVER BASIN DEVELOPMENT PROGRAM

PACKAGE – 4

CONSTRUCTION OF SUB-PROJECT NO.9, UNDER CONTRACT VI-A &
0+000 — 4+4[illegible], NABUA & BAAO, CAMARINES SUR
PROGRAM OF WORK & PROGRESS CHART



BEST AVAILABLE DOCUMENT
BEST AVAILABL

79

/I-B

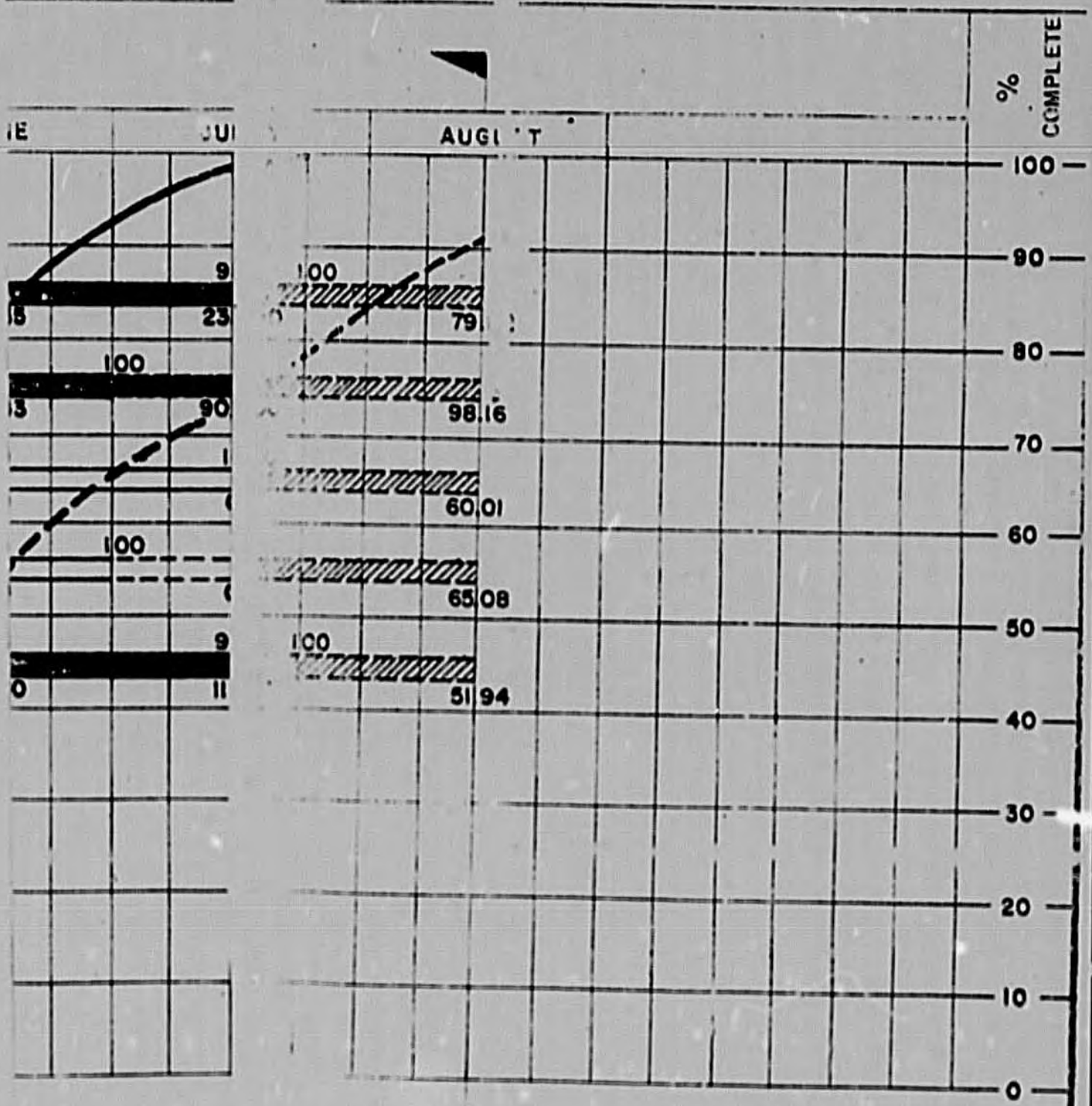
P REPARED BY: PMO-Mo toring Section

BASED FROM: CERTEZA DEV'T. CORP.

N CONTRACTED AM UNT: ₱1,198,485.91

A VED REVISED ONTRACT AMOUNT:

C T ESTIMATED FINAL COST:



ANNEX -I-1

80

[redacted]

CONTRACTOR: V. P. ZUBELIC CONTRUCTION CORP.

[illegible], 1981

OFFICIAL STARTING DATE: NOVEMBER 0, 1981

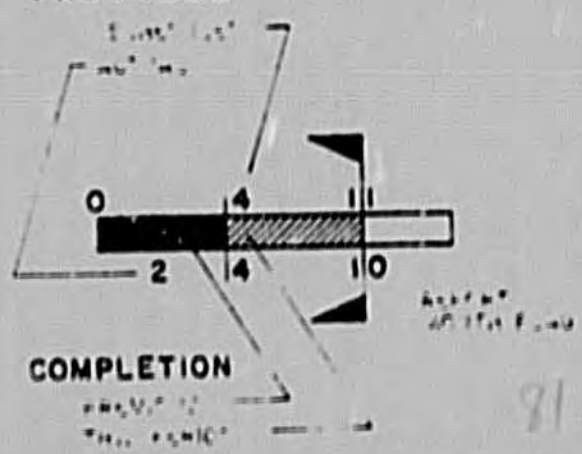
ORIGINAL COMPLETION DATE: SEPTEMBER 2, 1982

APPROVED REVISED COMPLETION DATE: OCTOBER 14, 1982

PROBABLE COMPLETION DATE:

	ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
1	EARTHWORK	4.62	100	4.62
2	BASE COURSE	12.68	90.93	11.53
3	SURFACE COURSE & PAVEMENT	76.70	100	76.70
4	STRUCTURES	0.99	89.90	0.89
5	INCIDENTAL CONSTRUCTION	5.01	94.01	4.71
	TOTAL	100		98.45

PROGRESS



COMPLETION

ACTUAL	98.45
SCHEDULED	90.25

LEGEND:

81

BEST AVAILABLE

...RUCTION CORP.

...

...R. C., 1981

...BER 2, 1982

...R 14, 1982

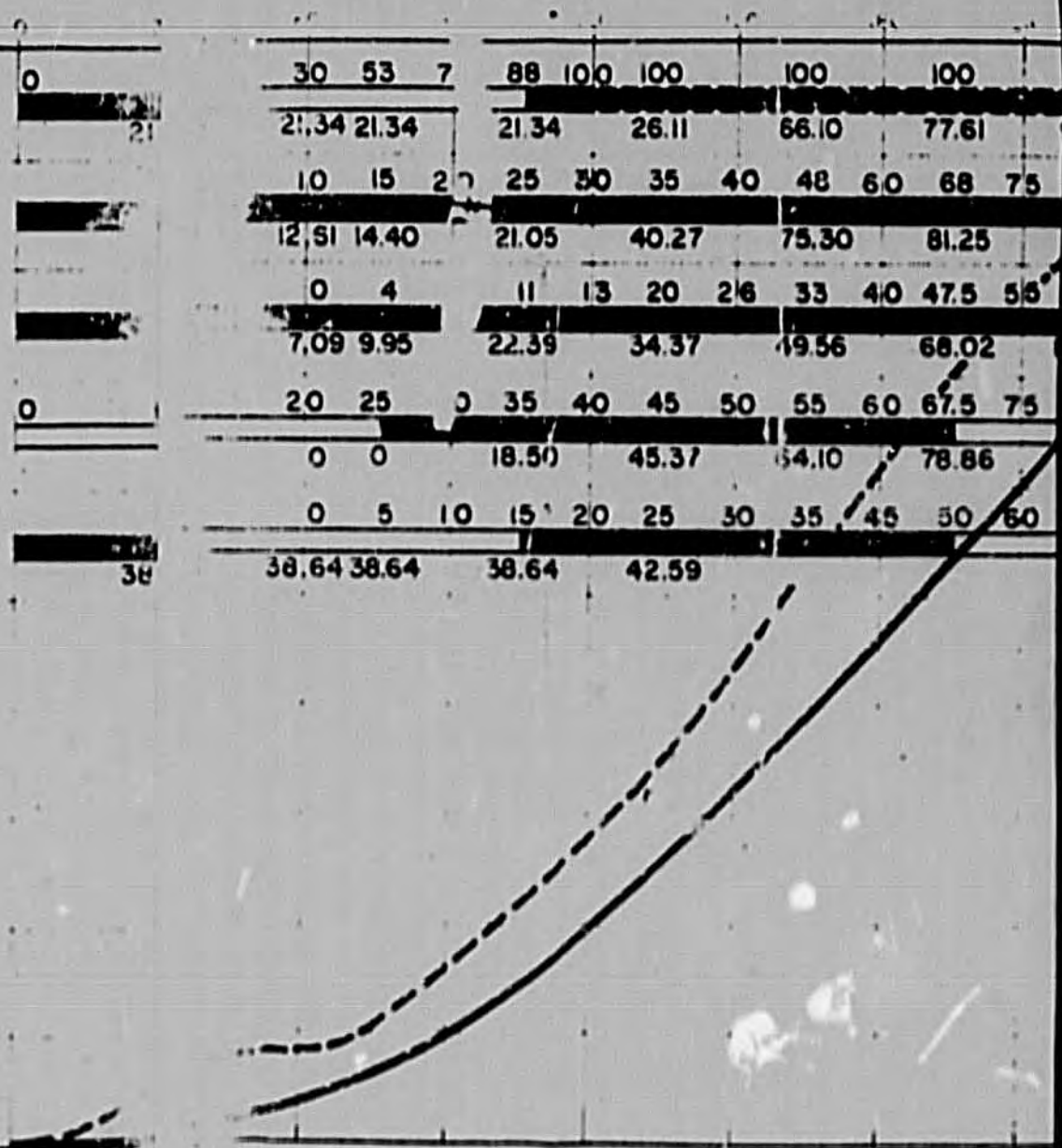
...RIVER BASIN DEVELOPMENT PROGRAM

PACKAGE - 4

PROJECT NO. II, CONTRACT III, LIBON-NUGPO SECTI...

...OF WORK AND PROGRESS CHART

CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
.62	100	4.62
.68	90.93	11.53
.70	100	76.70
.99	89.90	0.89
.01	94.01	4.71
00	98.45	
TUAL		98.45
DULED		90.25

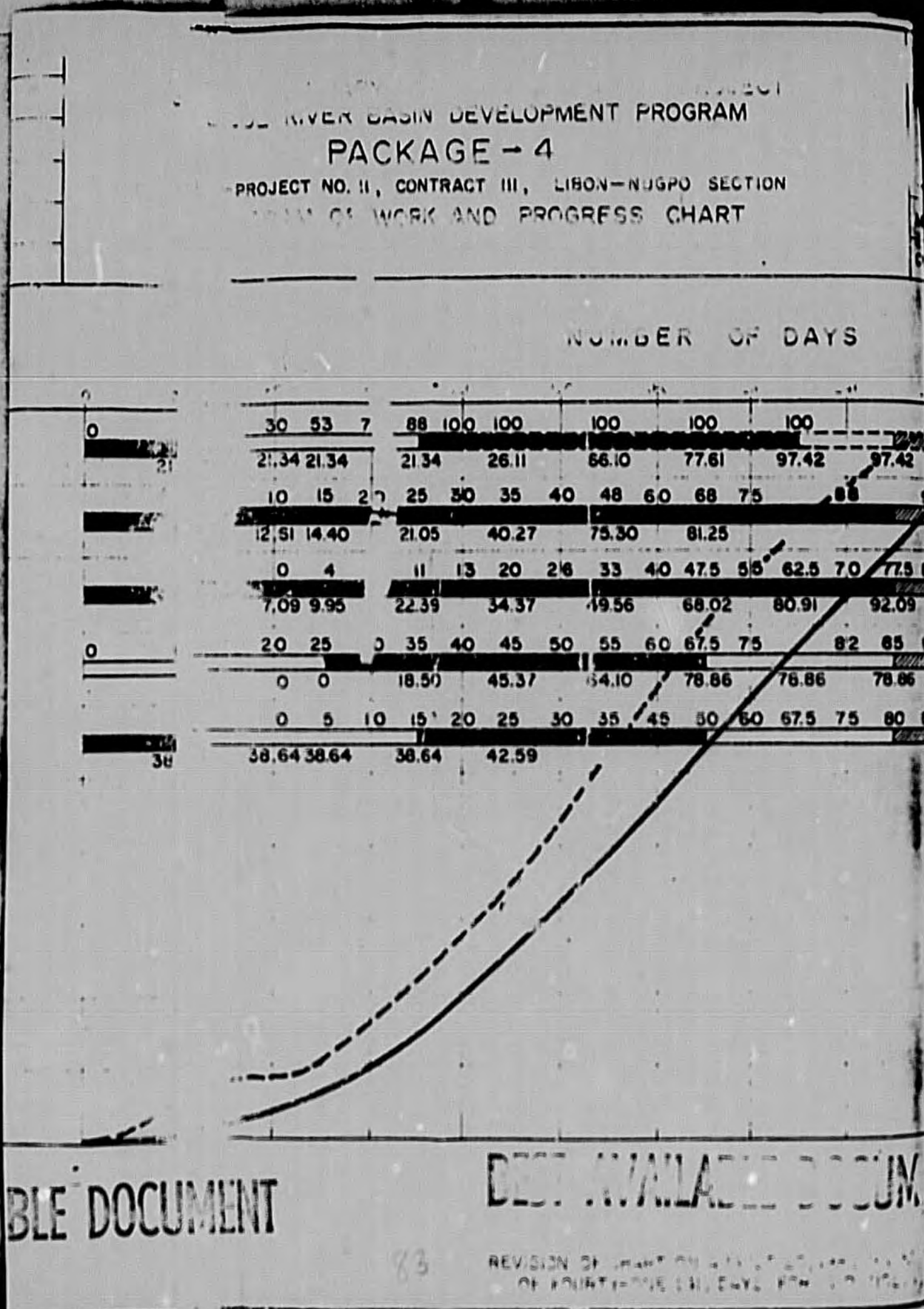


ST AVAILABLE DOCUMENT

BEST AVAILABLE

92

REVISION OF CHART ON ...
OF FOURTY-ONE (41) DAYS



BLE DOCUMENT

BEST AVAILABLE DOCUM

83

REVISION OF CHART ON ... OF FOURTY-ONE (41) DAYS FOR ...

PMO-Monitoring Section

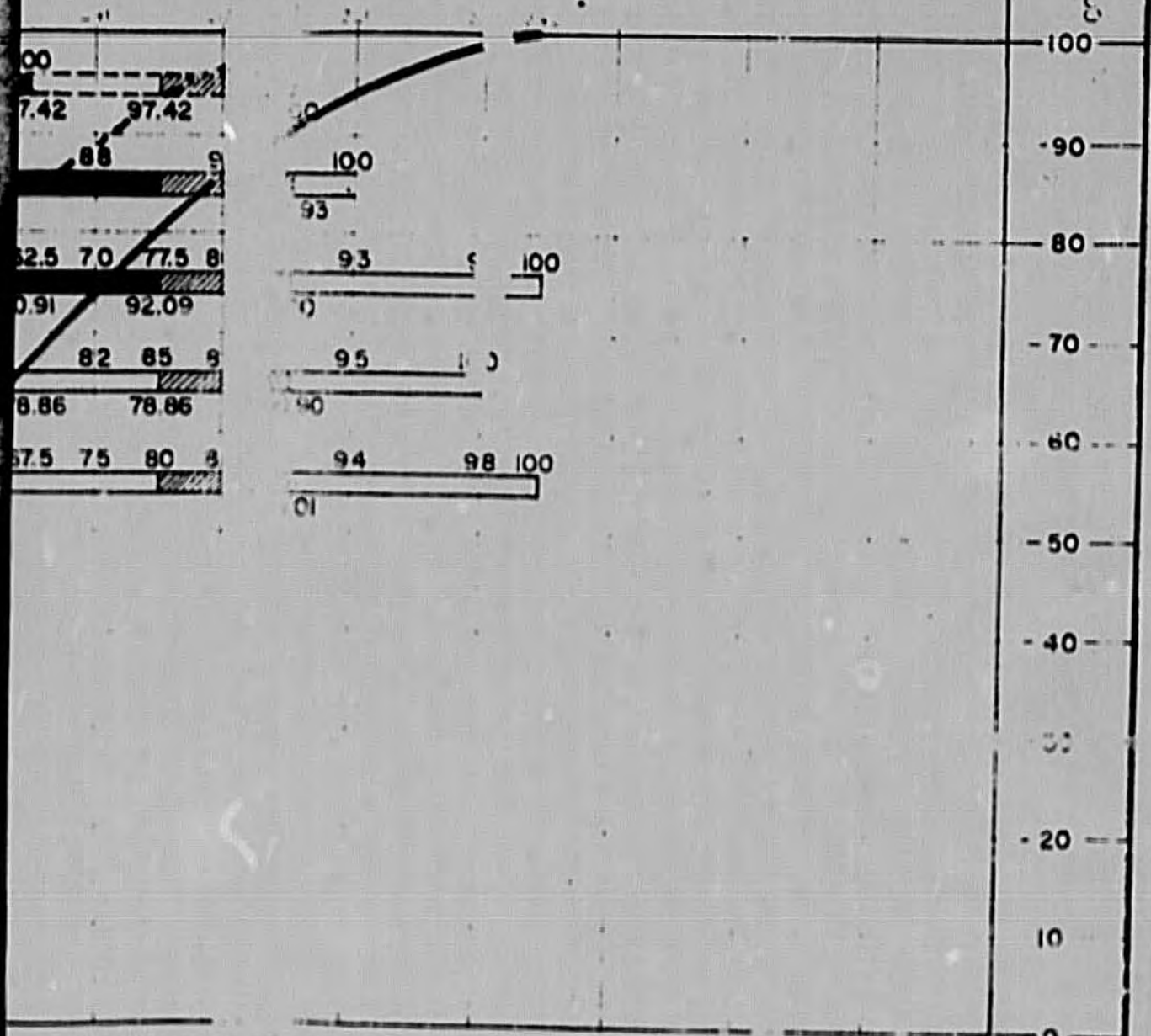
BASED FROM:
CERTEZA DEVT. CORP

NTRACT BID AMOUNT: ₱ 9,186,840.00

REVISED CONTRACT AMOUNT: ₱ 10,621,854.00

ESTIMATED FINAL COST:

DAYS



DOCUMENT

ANNEX I-2

COMPLETION TIME EXTENSION

84

CONTRACTOR: 51st ENGINEER BRIGADE, AFP

FUNDING DATE: NEGOTIATED CONTRACT

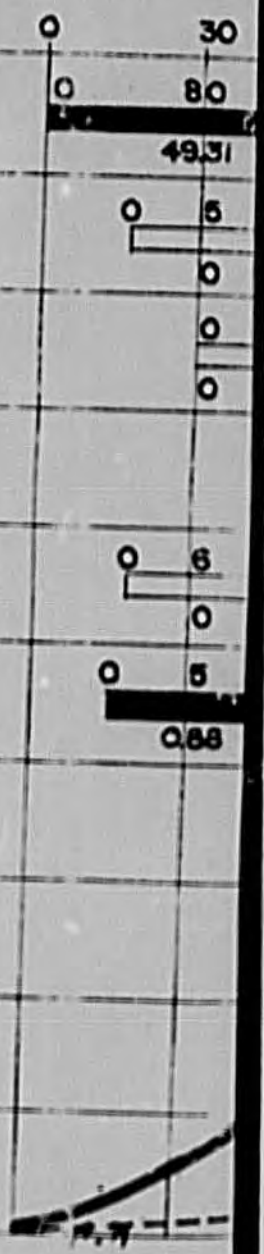
OFFICIAL STARTING DATE: JULY 25, 1981

ORIGINAL COMPLETION DATE: APRIL 28, 1982

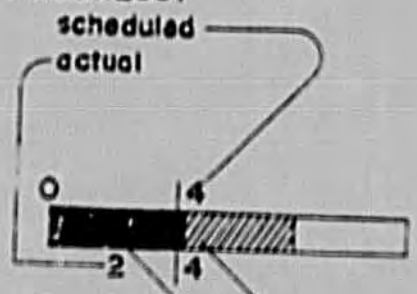
APPROVED REVISED COMPLETION DATE:

PROBABLE COMPLETION DATE:

	ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE
1	GENERAL	3.31	97.00	3.21
2	EARTHWORK	56.24	49.32	27.74
3	AGGREGATE SUBBASE	26.05	48.01	12.51
4	SURFACE COURSE & PAVEMENT	0		
5	STRUCTURES	7.58	30.07	2.28
6	INCIDENTAL CONSTRUCTION	6.82	68.03	4.64
	TOTAL	100		50.38

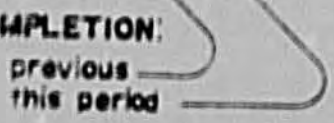


PROGRESS:



ACTUAL	50.38
SCHEDULED	100

COMPLETION:



LEGEND:

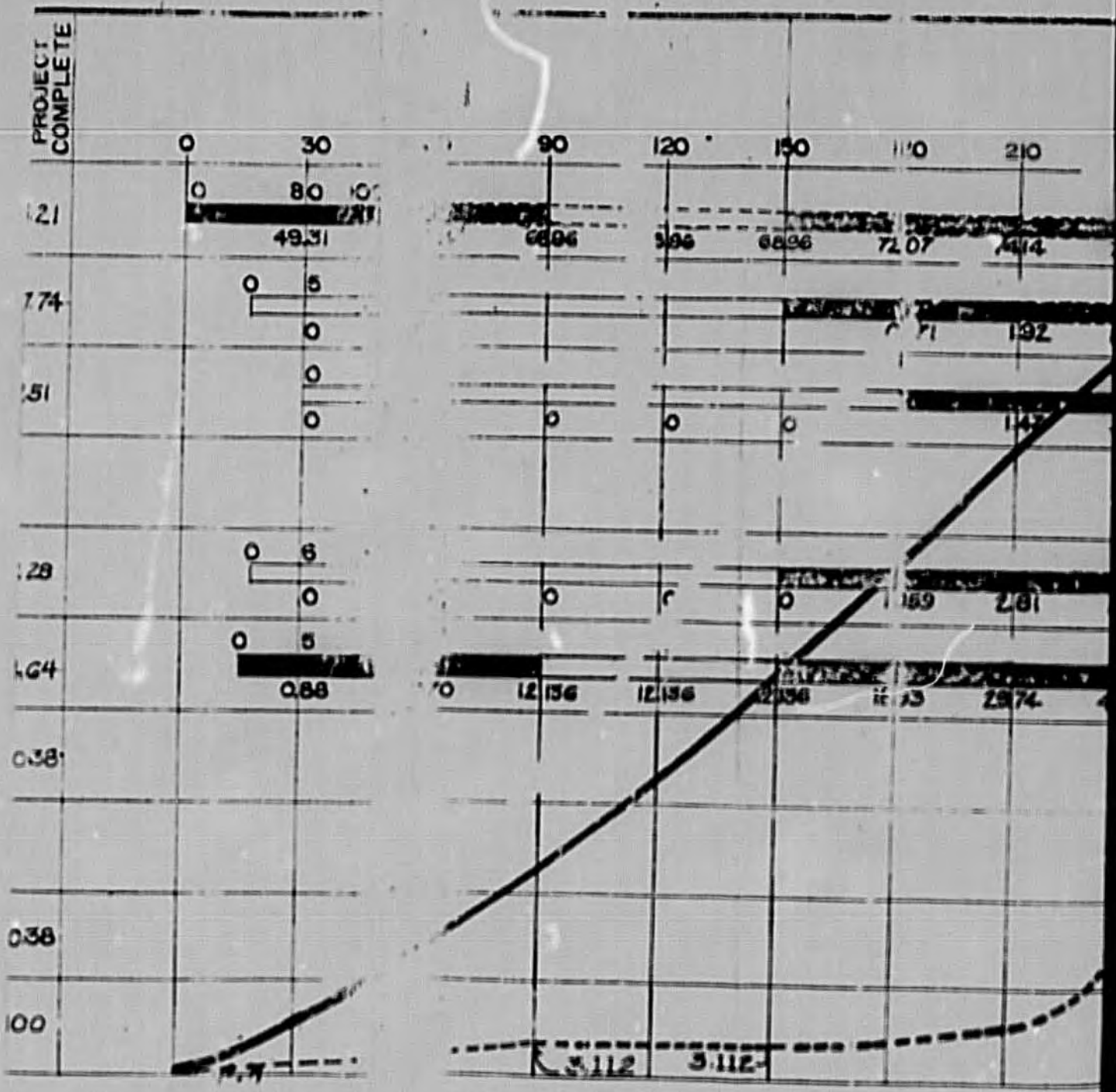
——— scheduled

- - - - - actual

85

BEST AVAIL

BICO[illegible] AND FEEDER ROADS PROJECT
[illegible]L RIVER BASIN DEVELOPMENT PROGRAM
PACKAGE 4
SUB-F[illegible] CONTRACT [illegible]V. NUGFC - SAN JUAN SECTION
PF[illegible] OF WORK AND PROGRESS CHART



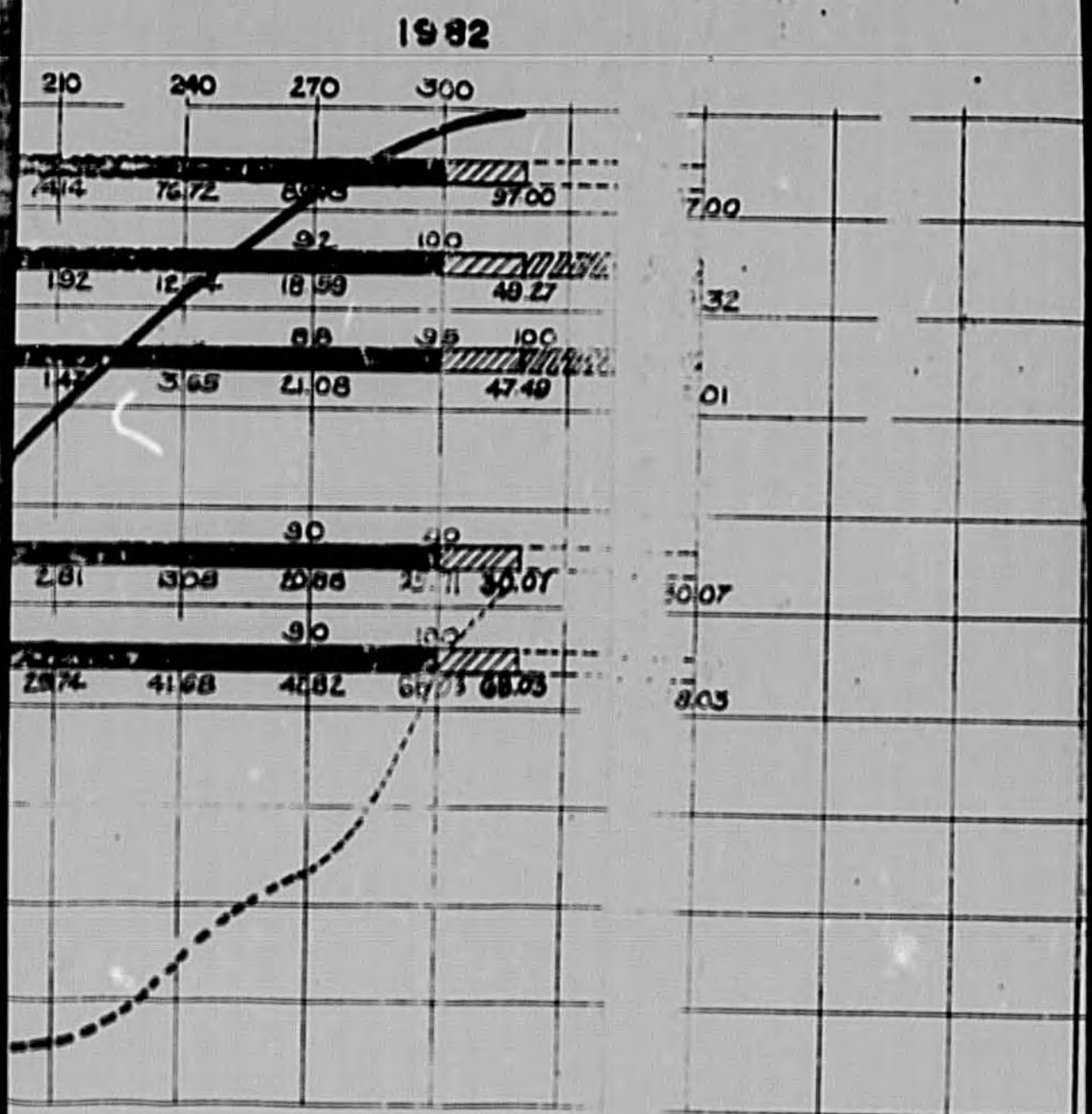
[illegible]TE:
[illegible]TARTING DATE WAS REVISED FRO[illegible] JULY 25 1981 TO [illegible]
[illegible] BY 3RD ENGINEER BRIGADE & APPROVED BY [illegible]

led

BEST AVAILABLE DOCUMENT

86

OJECT AM	PREPARED BY: PMO.	DEVELOPMENT CORPORATI
N SECTION HART	NET CONTRACT BID AMOU	8,752,700.00
	APPR EI EVISED	AMOUNT
	CURRENT ESTIMATED	



S 1981 TO SEPT. 1, 1981 AS REQUESTED
OVED BY MPWH.

ANNEX I-6

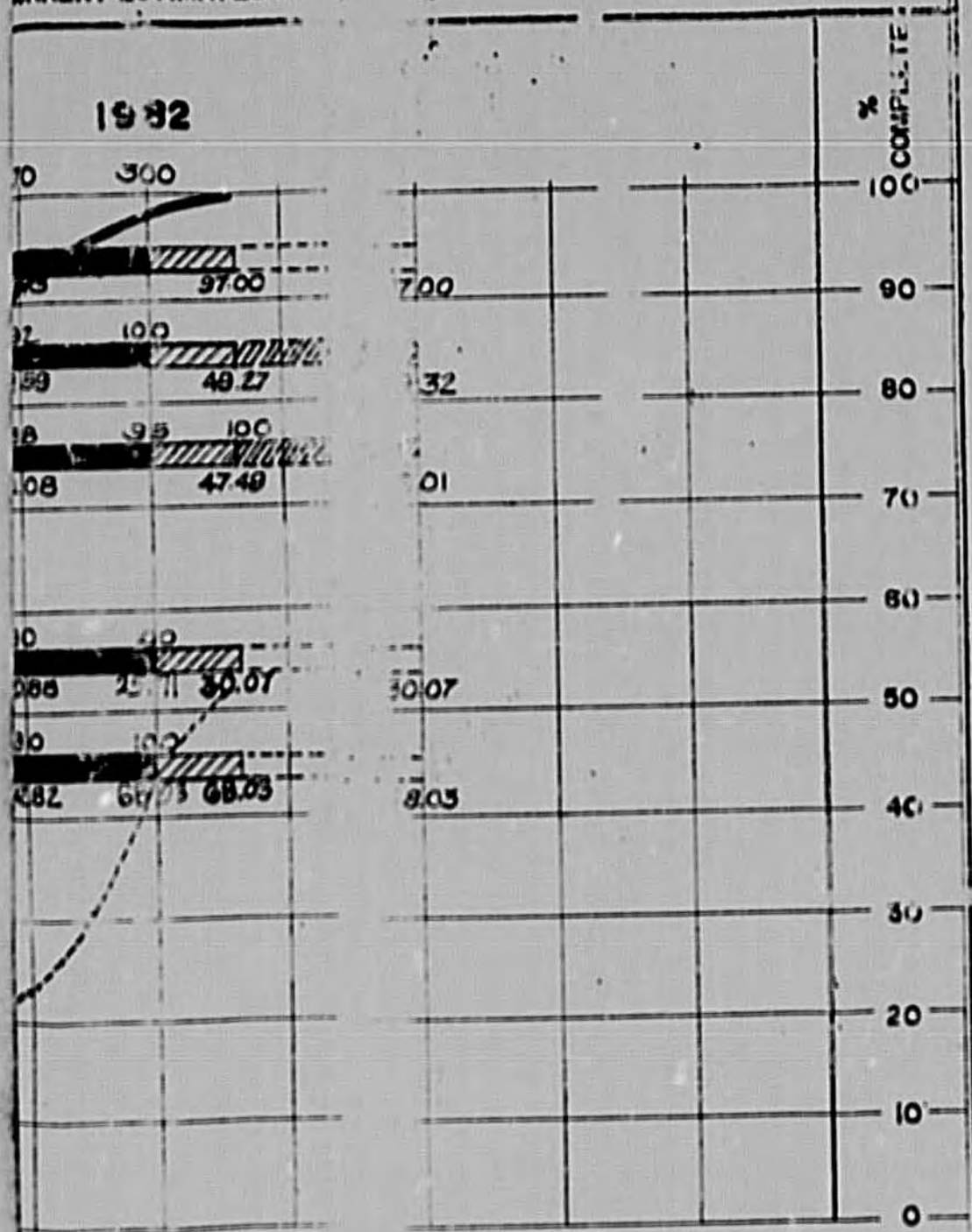
EPARED BY: PMO.

DEVELOPMENT CORPORATION

ET CONTRACT BID AMOU 8,752,700.00

AMOUNT

URRENT ESTIMATED



381 A/ REQUESTED

ANNEX I-6

BEST AVAILABLE DOCUMENT

CONTRACTOR: WILLIAM UY CONSTRUCTION CORPORATION

BIDDING DATE: MAY 7, 1981

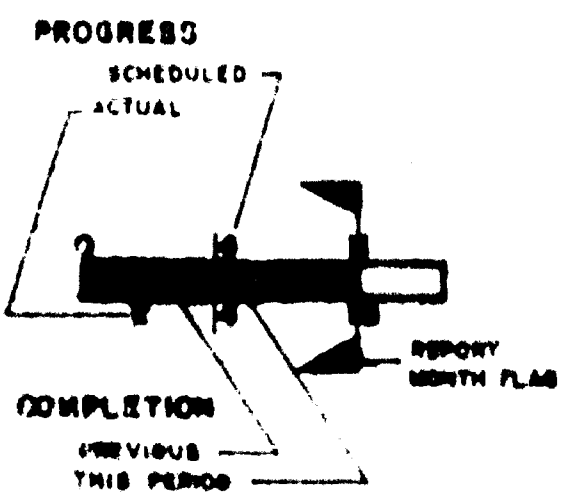
OFFICIAL STARTING DATE: JULY 25, 1981

ORIGINAL COMPLETION DATE: JULY 19, 1982

APPROVED REVISED COMPLETION DATE: OCT. 18, 1982

PROBABLE COMPLETION DATE:

	ITEM	% CONTRACT VALUE	% ITEM COMPLETE	% PROJECT COMPLETE	
1	EARTHWORK	15.30	97.12	14.86	0
2	BASE COURSE	34.19	94.82	32.42	
3	SURFACE COURSE & PAVEMENT	33.70	61.62	12.42	
4	STRUCTURES	8.64	73.65	6.36	0
5	INCIDENTAL CONSTRUCTION	8.17	87.95	7.19	0
	TOTAL	100	73.25		

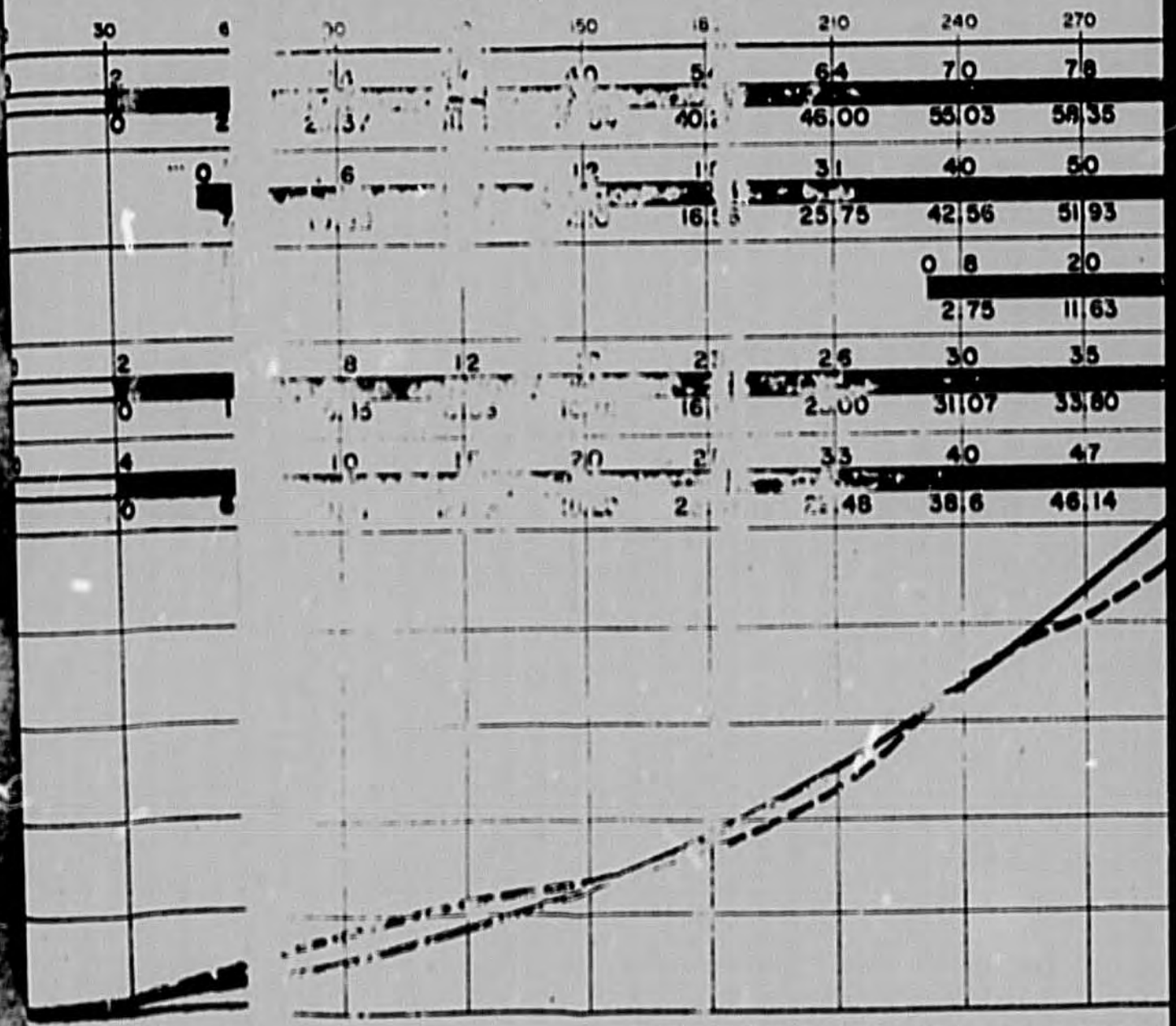


ACTUAL	73.25
SCHEDULED	66.86

LEGEND: SCHEDULED
ACTUAL

SECONDARY AND FEEDER ROADS PROJECT
OL RIVER BASIN DEVELOPMENT PROGRAM
PACKAGE 4
SUBJECT NO. 14, CONTRACT V-A, POLANGUI-NASISI ROAD
RAM OF WORK AND PROGRESS CHART

NUMBER OF DAYS



BEST AVAILABLE DOCU
AVAILABLE DOCUMENT

REVISION OF CHART ON AUG. 20, 1982 BASED ON THE RE
DEPUTY MINISTER, MPWH AS PER RECOMMENDED TIM

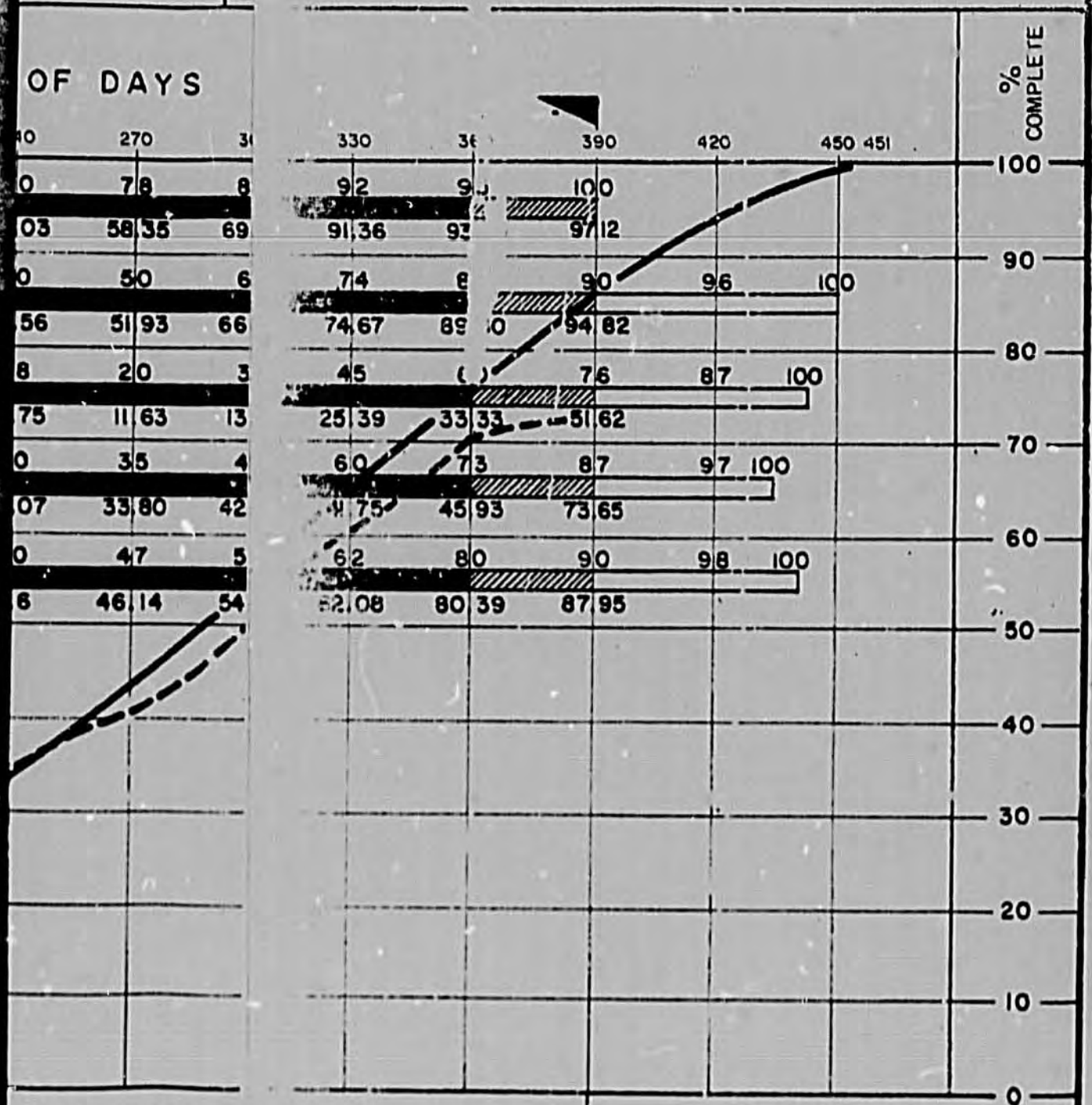
ECT

ROAD

O-Monitorin Section

BASED FROM:
CERTEZA DEV'T. CORP

NT	CONTRACT BI AMOUNT :	₱ 10,988,450.55
A		11,826,913.08
C	NT ESTIMATED FINAL COST :	₱ 11,826.913.08



E DOCUMENT

ANNEX I-7

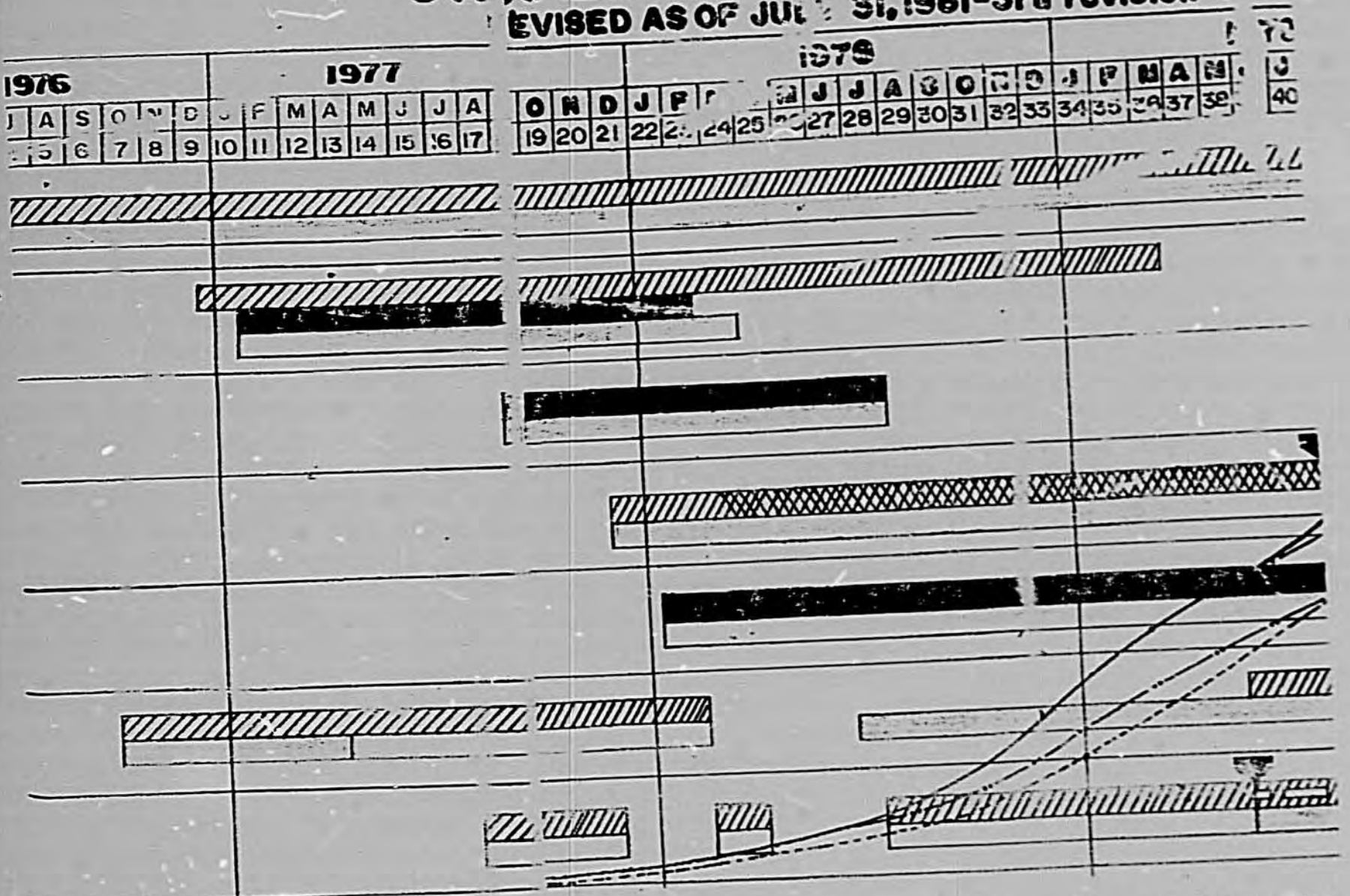
91

ASED ON THE REVISI ... CPM NETWORK RECOMMENDED TO THE
COMMENDED TIME E ... ON OF 91 DAYS FOR C.O. NOS. 1,2,3,& 6.

LIGOL SECONDARY AND FEEDER ROADS PR...

OVERALL PROGRESS SCHEDULE

REVISED AS OF JULY 31, 1981-3rd revision



$$\text{...} = \frac{\text{cumulative actual accomplishment}}{\text{programmed accomplishment}} \times 10\text{...}$$

Percent Weight Accomplishment = % Accomplishment X Relative Wei...

Please for actual accomplishment (in %) of Construction and Construction Supervision in ANNEX I-A

PROJECT COMPONENT	RELATIVE WEIGHT	ACCOMPLISHMENT			% Weight Accomplishment	A	M	J
		PLANNED	ACTUAL	PERCENT		1	2	3
PMO OVERHEAD Includes Evaluation	0.0331	100%						
DETAILED ENGINEERING SURVEY & DESIGN	0.0257	100%	100	100	2.57			
PARCELLARY SURVEY & MAPPING OF RROW	0.0034	100%	100	100	0.34			
RROW ACQUISITION	0.0053	100%						
CONSTRUCTION & CONST. SUPERVISION	0.8569	100%						
MAINTENANCE TRAINING	0.0056	100%	.100	100	0.56			
ACQUISITION OF MAINTENANCE EQUIPMENT	0.0700	100%						
TOTAL	100%							

WHERE:

Percent accomplishment =

STATUS REPORT
AS OF AUGUST 31, 1982

ANNEX-N-9
Sht. 1 of 4

PROJECT TITLE COMPONENT	ESTIMATED QUANTITIES	STATUS			TOTAL ACCOMPLISHMENT
		ON GOING	COMPLETED	NOT YET COMPLETED	
Bicol Second [illegible] and Feeder Roads Project Components: PACKAGE I: San Isidro-L[illegible]anan Br. Sect., Contr[illegible] II, Sub-project No.	PCCP- 5 kms. Gravel 10.012 kms. BRIDGES: RCDG 2 0.60 LM. Pre-stressed 146.33 LM. Timber Trestle 120.36 LM.		X		100%
2. Libmanan- Cabusao Sect., Contract II, Sub-project No. 2.	PCCP 9.335 Kms. Gravel 9.27 " RCDG 23.20 LM.	X	Contract terminated 11/24 /80 rebidded May 7, 1981 Awarded 5/13/81 to R.L. UMALI CONST. for ₱8,471,495.28		99.33
3. Dunao-Pasacao Sub-project No. 2.	PCCP 8.12 kms. Gravel 14.89kms. BRIDGES: RCDG 28.60 LM. Tb. Trestle 84.00LM.	X	Contract terminated 3/2/81; rebidded May 7/81 Awarded to MAROSA CONST.		90.7[illegible]
4. Calabanga-Manguiring Br. Sect., Contract I, Sub-project No. 3, (Cahanged to Calabanga-Sibobo Sect.)	PCCP 10933 kms. Gravel 18.22kms. Bridges : NONE	X	Contract terminated 11/24/81 Rebidded May 7/81 Awarded to PRAGMATIC CONST.		99.9[illegible]
5. Manguiring Bridges Tinambac Sect., Sub-proj. No. 3, Contract II, (Changed to Sibobo-Tinambac Sect.)	PCCP 14.87 kms. GRAVEL 6.90 kms.	X	Contract terminated 11/24 /80 Rebidded May 7/81 Awarded to GOLDROCK CONST.		98.4[illegible]
6. Calabanga-Ti[illegible]am[illegible]o Rd., (Bridges) Sect. , Contract III, Sub-proj. No. 3.	BRIDGES: RCDG 153.20 LM.		X		100%
7. Tigman - Himuragat Brs., Contract IV, Sub-proj. No. 3.	BRIDGES: Tigman 44.74 LM. Himuragat 70.04LM. 114.78LM. Pre-stressed Conc. Girder	X			97.0[illegible]

BEST AVAILABLE DOCUMENT

AS OF AUGUST 31, 1982

ANNEX-I-B
Sht. 2 of 4

PROJECT TITLE COMPONENT	ESTIMATED QUANTITIES	STATUS: ON GOING	STATUS: COMPLETED	STATUS: NOT YET COMPLETED	TOTAL % ACCOMPLISHMENT
[illegible]:					
8 Pili-Mataoroo [illegible], Sub-project No. 5.	DBST 9.14 kms, Gravel 12.62 kms. BRIDGES: RCDG 10.60 LM. Timber Trestle 180.00 LM.	X	Contract terminated 7/8/81 work resumed Jan. 25,1982		96.70% As correc[illegible] accomplis[illegible]ment by con[illegible]tractor.
9 Naga - Carolina Rd., Sub-project No. 10.	DBST 12.48 kms. Gravel 6.14 " BRIDGES: RCDG 50.20 LM. Timber Trestle		X		100%
10. Minalabac-Antipolo-Hubo Rd., Sub-project No. 6.	Secondary Rds.: DBST 5.70 kms. Gravel 3.14 kms. Feeder Rds.: Gravel 15.42		X		100%
[illegible] Palistina-San Antonio-Minalabac Rd., Sub-project No. 6.	DBST 8.216 kms. Gravel 5.14 " BRIDGES: Timber Trestle 60.00 LM.	Terminated April 9/81 (Rebidded May 7/81) Awarded(6/11/81) SOUTH MOTORIST ENTERPRISES.			80.36%
[illegible] Sto. Domingo-Bula-Ombao Rd., Sub-proj. No. 7.	PCCP 5.750 Kms. Gravel 20.492 kms. BRIDGES: RCDG		X		100%
13 Polangui-Lidong Sect., Sub-project No. 13-A	Asphalt conc. 12.50 Gravel 11.163 BRIDGES: RCDG		X		100%

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STATUS REPORT
AS OF AUGUST 31, 1982

ANNEX-I-B
Sht. 3 of 4

PROJECT TITLE COMPONENT	ESTIMATED QUANTITIES	STATUS			TOTAL % ACCOMPLISH-MENT
		ON GOING	COMPLETED	NOT YET COMPLETED	
14. Buhi-Lidong Section Sub-project 13-B	Asphalt concrete 6.641 kms. Gravel 11.205 BRIDGES: RCDG		X		100%
15. Iriga-Salvacion-Bato Rd.	BST 9.217 kms. Gravel 7.109kms.		X		100%
16. Bula-Palsong-Topaz Rd. Sub-project No. 8.	BST 11.109 Gravel 8.569		X		100%
PHASE IV:					
17. Nabua-Tamdaay Sect., Contract I, Sub-proj. No. 11.	PCCP 8.78 kms. Gravel 14.96kms.		X		100%
18. Tandaay-San Juan Sect., Contract I-A, Sub-proj. No. 11.	PCCP 9.42 kms. Gravel 12.35 kms.		X		100%
19. Tandaay-San Juan(Brs.) Sect., Contract II-A, Sub-proj. No. 11.	RCDG 76.00 LM.		X		100%
20. Nabua-San Agustin Rd., Contract VI-A, Sub-proj. No. 9.	DBST 2.00 kms.	Continuation to be undertaken by PEO of Camarines Sur. X			96.85%

BEST AVAILABLE DOCUMENT

STATUS REPORT
AS OF AUGUST 31, 1982

ANNEX-I-B
Sht. 4 of 4

PROJECT TITLE COMPONENTS	ESTIMATED QUANTITIES	STATUS			TOTAL % ACCOMPLISH-MENT
		ON GOING	COMPLETED	NOT YET COMPLETED	
1. Nabua-San Agustin Rd. Contract VI-B. Sub-project No. [illegible]	GRAVEL 2.49	Continuation to be undertaken by PEO of Camarines Sur. X			95.11%
2. Nabua-San Agustin Rd., Contract VI-[illegible], Sub-project No. [illegible]	GRAVEL 5.70		X		100%
23. Libon-Nugpo Sect., Contract III, Sub-proj. No. 2.	PCCP 8.25 Kms. Gravel 15.33 kms.	Rebidded May 7/81 Awarded (5/13/81) to V.P. EUSEBIO CONST. (X)			99.60%
24. Polangui-Nasisi Sect., Contract V-A, Sub-project No. 14 (Rd.)	DBST 12.86 kms. Gravel 9.36 "	(X) Rebidded May 7/81 Awarded (5/18/81) to WILLIAM UY CONST.			82.80%
25. Polangui-Nasisi Sect., Contract V-B, Brs. Sub-project No. 14.	RCDG 90.80		X		100%
26. San Juan Nugpo Sect., Contract IV, Sub-proj. No. 11.	Gravel 38.04 kms. RCDG 60.40 LM.	(X) Contract terminated 2/10/81 to be continued by 51st Engrng Brigade PA, encasp-ment underway			85.14%
Total accomplishment of all 26 contract section under construction.					97.40%

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Republic of the Philippines
Bicol River Basin Development Program
San Jose, Pili, Cam. Sur
Status of Foreign Assisted Project
AS OF AUGUST 31, 1982

ANNEX-I-C
Sht. 1 of 2

LOAN NO. 492-T-041 PROJECT NO. TITLE: Bicol Secondary and Feeder Roads Project Component.

PROJECT COMPONENT	IMPLEMENTING SCHEDULE LOAN					TOTAL PROJECT COST P/$	Expenditure to date P/$	FOREIGN EXCHANGE UTILIZATION			ACCOMPLISHMENT TO DATE
	DATE SIGNED	TARGET COMPLETION	SOURCE	NO.	AMOUNT			TOTAL AMT. APPROVED BY LENDER	DIRECT PAYMENT BY LENDER	TOTAL PAYMENT BY LENDER	
(a) Direct Component involves the rehabilitation of 190.557 km. Secondary Roads, Construction of 280.95km. of tertiary for feeder roads & improvements and Const. of 1,836.29 LM. Brs. (1,297.57 LM. concrete (538.72 m. timber trestle. Sub-divided into 16 Sub-projects.	July 1,1976	April 28,1980 (orig.) (October 28, 1981) (1st revision) June 28,1982 (As approved) (2nd rev.) Sept. 28,1982 As approved.	A.I.D.	492-T-041	$ 10 Million	P404.00 Million (As of Dec. 31, 1981).		$10 Million	$ 6.85 Million	For: a) Detailed Engineering b) Const. Supervision Services c) Direct Const. Cost. P47,578,634.00 (Total reimbursement requested to date).	Overall Accomplishment 97.43%

PROBLEMS ENCOUNTERED: (SEE SHEETS 2 of 2)

PLANS FOR DEL.Y: -do-

MEASURES TAKEN/RECOMMENDATIONS: -do-

SUMMARY REIMBURSEMENT REQUESTED:

Detailed Engineering	P 3,966,375.00
Const. Costs:	
Libmanan Br.:	
San Isidro Sect.	2,054,549.00
Naga-Carolina & Tandaay San Juan Sect.	4,265,275.00
Nabua Tandaay & Polangui-Nasisi Brs.	2,720,794.00
Reimb. per amount 4 of FARA (Additional Reimb.)	667,727.00
Sto. Domingo & San Juan-Nugpo Sect.	4,178,339.00
Calabanga-Tinambac Brs.	321,850.00
Bula-Topac-Palsong(Const. of A&E Monitoring Cost (4/12/82)	1,940,256.00
Const. Monitoring (A &E Const. Suprv. Services for completed projects	3,218,954.00
Miralabac-Hubo & Polangui-Lidong(S.P.15-1), Sects. and corresponding E & A Const. Monitoring	5,301,954.00
Libmanan Br. Cabusao et. al and their corresponding E & A Const. Monitoring Costs (8/4/82)	16,962,561.00
TOTAL	P 47,578,634.00

CERTIFIED CORRECT: VICENCIO L. PANGANIBAN

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Republic of the Philippines
BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAM. SUR
STATUS OF FOREIGN ASSISTED PROJECTS
AS OF AUGUST 31, 1982

ANNEX-I-C

A.1 [illegible] NO. 4[illegible]-7-0[illegible] PROJECT NO. AND TITLE: Bicol Secondary and Feeder Roads Project Component

PROJECT COMPONENT	IMPLEMENTING SCHEDULE LOAN					TOTAL PROJECT COST P/$	TOTAL EXPENDITURE TO DATE P/$	FOREIGN EXCHANGE UTILIZATION			
	DATE STARTED	TARGET COMPLETION	SOURCE	NO.	AMOUNT			TOTAL APPROVED BY LENDER	DIRECT PAYMENT BY LENDER	TOTAL PAYMENT BY LENDER	ACCOMPLISHMENT TO DATE
(1) Second Component will provide maintenance Equipment in the amount of $ [illegible] and US Consultant Contract Services [illegible] of $150,000.00 (207,140.00 peso counterpart) to strengthen the capability of Camarines Sur & Albay Provincial Engineer's Offices & City Engineer's Offices of Naga & Iriga in Road Maintenance.				(SEE SHEET 1 of 2)							

PROBLEMS DELAYS ENCOUNTERED: Generally, there was no major problem encountered during the period. However, construction progress was affected by the following: (a) Bad weather condition, and (b) MAR Contractor's activities on Pili - Mataoroc Rd. (Paving of MAR Contractor's heavy equipment deteriorates said Pili-Mataoroc Rd.)

REASONS FOR DELAY: (AS STATED ABOVE)

MEASURES TAKEN/RECOMMENDATIONS: Concerned contractors were advised to work vigorously, and to render overtime when the weather is good. It is sugfested that said Pili-Mataoroc Rd. be temporarily closed.

CERTIFIED CORRECT: VIVENCIO L. PANGANIBAN (SGD) Chief, Monitoring Section PMC
[illegible] SIGNATURE DESIGNATION AGENCY

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BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAMARINES SUR
STATUS REPORT, ON ORGANIZATIONAL FORCE
AS OF AUGUST 31, 1982

ANNEX-I-D
Sht. 1 of 4

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

IMPLEMENTING AGENCY: MINISTRY OF PUBLIC WORKS & HIGHWAYS

GOVERNMENT IMPLEMENTING AGENCY FORCES						PRIVATE CONTRACTOR'S CONSULTANTS EMPLOYEES)						DETAILED GOV'T LINE AGENCY				
		PROFESSIONAL						PROFESSIONAL								
CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	TECHNICAL	NON TECHNICAL	SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED LOCAL HIRED SUB CONTRACTOR	TECHNICAL	NON TECHNICAL	SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL TIME	PART TIME	DURATION
MPWH, MANILA	Office of Minister	3	3	-	-	Pragmatic Dev.Corp.	Manila Based	3	2	10	5	Proj.Coordnr.	MPWH		X	To complete the proj.
						-do-	Local Hired	2	1	8	12	Liason Officer				
MPWH, Region V	Prj.Director	1			2	Goldrock Const. & Dev.Corp.	Manila Based	1	1	9	0	Staff. C.E.			X	
	Prj.Manager	1					Local Hired	11	10	32	38					
-do-	Monitoring Section	1		5	2	-do-	Sub-contractor	0	0	0	0	Prj.Director	MPWH		X	-do-
-do-	Rd.Drainpt. Maintenance Tr.	2			1	Marosa Enterprises	Manila Based	0	0	0	0	Prj.Manager	X		X	-do-
						-do-	Local Hired	4	0	10	35					
-do-	Adm. Div.	1			1	A.B.Aguinaldo Const. Corp.	Manila Based	2	2	0	0					
							Sub-contractor	0	0	2	0					
						-do-	Local Hired	0	1	4	8					
SUB TOTAL -	- - - - -	9	3	5	6			23	17	75	99					

REMARKS:

CERTIFIED CORRECT:

MARCIO L. BERMUDEZ
NAME

SIGNATURE

Chief, Monitoring Section
DESIGNATION

DATE

BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAMARINES SUR
STATUS REPORT OF ORGANIZATIONAL FORCE
AS OF AUGUST 31, 1982

ANNEX-I-D
Sht. 2 of 4

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

IMPLEMENTING AGENCY: Ministry of Public Works & Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES							PRIVATE (CONTRACTOR'S CONSULTANTS EMPLOYEES)					DETAILED GOV'T LINE AGENCY			
CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL TECHNICAL	PROFESSIONAL NON TECHNICAL	SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED LOCAL HIRED SUB CONTRACTOR	PROFESSIONAL TECHNICAL	PROFESSIONAL NON TECHNICAL	SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL TIME	PART TIME	DURATION
PWO	Lstg. & Finance Section			7		B.L. Umali Const.Corp.	Manila Based Sub-contractor	3	2	5	8	Proj.Coordr.			X	To complete the proj.
						-do-		0	1	5	10					
-do-	BRDW STRCT.			9			Local Hired	0	0	0	0	Liason Officer	MPWH			
-do-	Plng'ng & Design Section	4	3	3								Staff C.E			X	
												Asst. Clerk			X	-do-
						Technika Group Corp.	Manila Based	8	2	0	0					
							Local Hired	17	8	0	4					
						-do-										
-do-	Quality (Lab) Control Section	1				William Uy Const.Corp.	Manila Based	0	1	4	0	Proj.Director				
							Local Hired	5	9	76	59	Prj.Manager	MPWH	X	X	-do-
						-do-	Sub-contractor	0	0	2	35	Staff C.E.	MPWH			
-do-	Const. Div.	1	1													
						Corteza Dev.Corp.	Manila Based	8	4	0	0					
							Local Hired	6	4	4	1					
	Quality Control	3	2	6		V.P. HUERTO	Manila Based	1	1	4	1					
						-do-	Local Hired	8	6	23	31					
SUB - TOTAL								56	39	123	142					

REMARKS:

CERTIFIED CORRECT: VIVO-CIO I. FERNANDEZ
SIGNATURE OVER PRINTED NAME

Chief, Monitoring Section
DESIGNATION

PMO
AGENCY

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BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAMARINES SUR
STATUS REPORT ON ORGANIZATIONAL FORCE
AS OF AUGUST 31, 1982

ANNEX-I-D
Sht. 3 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 Works & Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES						PRIVATE (CONTRACTOR'S CONSULTANTS EMPLOYEES)							DETAILED GOV'T LINE AGENCY			
CENTRAL OFFICE REGIONAL OFFICE FIELD OFFICE	DIVISION SECTION	PROFESSIONAL TECHNICAL	PROFESSIONAL NON TECHNICAL	SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED LOCAL HIRED SUB CONTRACTOR	PROFESSIONAL TECHNICAL	PROFESSIONAL NON TECHNICAL	SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL TIME	PART TIME	DURATION
						Moonrock Const.	Manila Based	0	0	0	0					
							Sub-contractor	10	4	22	35					
						-do-										
		(SEE SHEET 1 of 2)				LALS CONST.	Manila Based	1	0	0	0		(SEE SHEET 1 of 2)			
						-do-	Sub contractor	5	15	38	84					
						DCCD ENG'NG Corp.	Manila Based	6	3	1	1					
							Local Hired	3	1	7	0					
SUB-TOTAL	D - - - - - -		- -	- -	- - - -		- - - -	25	23	68	120					

REMARKS:

CERTIFIED CORRECT: VIVENCIO L. PANGANIBAN (PRINTED NAME) — SIGNATURE — Chief, Monitoring Section (DESIGNATION) — PMO (AGENCY)

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BICOL RIVER BASIN DEVELOPMENT PROGRAM
SAN JOSE, PILI, CAMARINES SUR
STATUS REPORT ON ORGANIZATIONAL FORCE
As of August 31, 1982

ANNEX-I-D
Sht. 4 of 4

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

IMPLEMENTING AGENCY: Ministry of Public Works and Highways

GOVERNMENT IMPLEMENTING AGENCY FORCES						PRIVATE (CONTRACTOR'S CONSULTANT EMPLOYEES) DETAILED GOVT. LINE AGENCY										
CENTRAL OFFICE / REGIONAL OFFICE / FIELD OFFICE	DIVISION / SECTION	PROFESSIONAL: TECHNICAL	PROFESSIONAL: NON TECHNICAL	SKILLED	NON SKILLED	NAME OF COMPANY	MANILA BASED / LOCAL HIRED SUB CONTRACTOR	PROFESSIONAL: TECHNICAL	PROFESSIONAL: NON TECHNICAL	SKILLED	NON SKILLED	DESIGNATION	AGENCY	FULL TIME	PART TIME	DURATION
	(SEE SHEET 1 of 2)					South Motorist Enterprises	Manila Based	3	2	19	11					
							Local Hired	7	2	15	28					
						Arm Const. Dev. Corp.	Manila Based	2	1	8	0					
							Local Hired	6	2	16	7					
						Integrated Philconsult	Manila Based	4	0	0	0	(SEE SHEET 1 of 2)				
						-do-	Local Hired	17	5	0	8					
SUB-TOTAL								39	12	68	54					
GRAND TOTAL								143	91	334	415					

CERTIFIED CORRECT: Leonardo L. Fernandez
NAME & TITLE

SIGNATURE

Chief, Monitoring Section
DESIGNATION

DPWH
AGENCY

ANNEX "K"
Sht. 1 of 5

REGULAR MONTHLY MEETING
August 18, 1982

ATTENDANCE:

1. Wenceslao C. de Guzman - - - Executive Director for PADAP, BRBDP & SIRDP
2. Federico P. de Leon - - - - - Assistant Executive Director
3. Angel E. Salvador - - - - - - Project Manager, PMO
4. Estive A. Cadag - - - - - - - PMO
5. Pedro B. Celebrado - - - - - - PMO
6. Cesar P. Solano - - - - - - - PMO
7. Silvino B. Casillan - - - - - PMO
8. Romeo A. Zamares - - - - - - PMO
9. Charles S. Stevens - - - - - USAID
10. Oscar Bermillo - - - - - - - USAID
11. Juanito dela Torre - - - - - USAID
12. E. C. Fernandez - - - - - - - USAID
13. Alejandro Deseo - - - - - - - TGC
14. Francisco Obusan - - - - - - IPI
15. Vicente Zaño - - - - - - - - IPI
16. Danilo Filio - - - - - - - - IPI
17. Gaudencio L. Benito - - - - - DCCD
18. Jose E. Villanueva - - - - - CDC
19. Gonzalo G. Cruz - - - - - - - CDC
20. Vicente L. Perez - - - - - - SMH
21. Julian T. Regalado - - - - - - LAL Const. Corp.
22. Dominico Mangubat - - - - - - ARM Const. Corp.
23. Eduardo P. Lopez - - - - - - ARM Const. Corp.
24. J. C. Molina - - - - - - - - ARM Const. Corp.
25. Robert Wong - - - - - - - - - William Uy Const. Corp.
26. Diosdado Bancano - - - - - - William Uy Const. Corp.
27. R. N. Madla - - - - - - - - - Goldrock Const. Corp.
28. A. V. Morales - - - - - - - - Goldrock Const. Corp.
29. Ramon Sta. Clara - - - - - - Pragmatic Dev't Const. Corp.
30. Cris Bazzon - - - - - - - - - Pragmatic Dev't. Const. Corp.
31. Gerry C. Agawa - - - - - - - Mecarock Const.
32. Ruben Pawang - - - - - - - - Marcos Enterprises
33. Lorenzo Deseo - - - - - - - - Marcos Enterprises
34. Lt. Col. Oscar Salvanera - - 51st Army Eng'g. Brigade
35. Lt. Col. Jim Laberinto - - - 51st Army Eng'g. Brigade

- -

The meeting was opened by Engr. Angel E. Salvador by introducing Executive Director Wenceslao C. De Guzman, Assist. Executive Director Federico de Leon and Mr. Charles Stevens of USAID who were present to assess the progress of the Diesel Secondary and Feeder Road Projects prior to its target date of completion on August 20, 1982.

Progress reporting of various on-going projects was started by Mr. Alejandro Deseo of TGC representing Package I.

On Calabanga-Sibobo Road Section, the accomplishment is 99.92% as of August 15, 1982 with elapsed time of 97.18% and a positive slippage of .38%. Deficiencies to be worked on yet are as follows: (a) deepening of side ditches on some sections of the secondary road for effective drainage; (b) further compaction of shoulders on other portions of secondary roads along the junctions of Feeder Road Nos. 301

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BEST AVAILABLE DOCUMENT

ANNEX "K"
Sht 2 of 2

and 302; (c) construction of grouted riprap at downstream of two skewed R.C. Pipes of Feeder Road 301; (d) backfilling of exposed end portion of R.C. Pipes; (e) removal of materials in the roadway and ditches obstructing flow of water; (f) painting with reflectorized yellow paint of top of concrete barriers and (g) removal of R.C. Pipes at road junction leading to the contractor's compound hampering the flow of water. Mr. Benson of Pragmatic Dev't. Const. Corp. gave an assurance that all deficiencies will be taken cared of. Dir. de Guzman inquired when will the excavated sections made by Waterworks people be backfilled. Mr. Benson said that they cannot answer definitely when since they presumed that actual removal of excavated materials is the responsibility of the Waterworks people. Mr. Salvador advised them to write the PMO of the Waterwork System to settle this matter.

On Sibobo-Tinambac Project, accomplishment as of August 15 is 94.09%; with elapsed time of 103.83% and a negative slippage of 5.91%. Minor works to be done include (a) adding base course material on some sections of the secondary road to attain its designated thickness; (b) further compaction of gravel base course material; (c) improvement of side ditches; (d) covering of exposed end portion of R.C. Pipes; (e) removal of deposited materials inside R.C. Pipes and box culverts; (f) completion of painting work on concrete barriers; (g) adding borrow material on Feeder Road 303 to attain its required thickness and (h) further compaction of Item 108 on this particular feeder road. Mr. Morales of Goldrock Const. Corp. promised to make these necessary correction within five days. Mr. Stevens of USAID asked what interferences are causing problems in this project. Mr. Dosee enumerated the weather factor and unavailability of needed equipments for an answer. Mr. Salvador said that the contractor has to work overtime since securing of additional equipment from the Gov't. per advice of Mr. Bernille is no longer practical at this time or else they can borrow other contractors.

On Tigman and Himuragat Bridges, accomplishment is 95.28%; time elapsed is 137.70% and slippage is 17.93% (-) as of March 30, 1982, expiry date of contract. Uncompleted works include the placing of borrow materials for shoulder of completed pavement of the approaches and removal of oversized materials along the shoulder and side ditches of these approaches of Tigman Bridge. In Himuragat Bridge, shouldering of completed concrete pavement of both approaches and pouring of concrete for end walk of Abutment "A" left side are to be yet started. The filling of the first approach does not conform with the typical cross-section due to RROW problem. The remaining length of road to be paved is 120 L.M. full width. Dir. de Guzman suggested to the consultant to inform A.B. Aguinaldo Const. of the project's situation so that remedies could be taken cared of.

On Damao-Pasacao Road Section, accomplishment is 96.97% with time elapsed of 98.03% and a slippage of 2.27% (-) based on Aug. 15 report. Concrete pavement is completed. The remaining works on the secondary road include compaction of shoulders on some portions and construction of wingwalls/headwalls for culverts. Earthworks (Item 107 & 108) are to be done yet on Feeder Road 202. Dir. de Guzman commented that shouldering should be done systematically and not in sporadic manner. Mr. Salvador advised the contractor not to leave a section until full completed. On Mr. Dosee's observance the project cannot be fully finished until the first week of September.

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ANNEX "K"
Sheet 3 of 5

On [illegible]manan Bridge, Cabusao Section, the accomplishment as of August 15 is [illegible].35%; time elapsed is 105.88% and slippage is 1.6[illegible]% (-). The defici[illegible]ies noted are: (a) lack of shoulder of around 2 kms. from sta. 12 + [illegible] to sta. 14 + 700; (b) uncompleted and uncompacted shoulders; (c) [illegible] cracks on pavement and (d) non reflectorized concrete barriers. Mr. dela Torre suggested to the Material Engineers of DMO and Techniks to conduct a thorough coring to detect further defects so that a measure to correct them can be made. Dir. de Guzman advised that vegetation must be removed first before shouldering is done for proper compaction. He added further that sections with high embankment must be inspected since the slopes are being eroded and riprapping must be done on those portions. Mr. Salvador advised the consultant to remind RL L. Emali Const. Corp. of their deficiencies since according to them, they already exhausted their quantity materials.

On Package II, Mr. Obusan of IPI reported first on Sub-project No. 6, Palestina-San Antonio-Minalabac Road Section under South Materist's Enterprises. The total accomplishment on the project is 75.24% with elapsed time of 71.43% and a slippage of 17.76% (-). The work schedule had been advanced since the contractor believed that they can complete the project before its target date but due to inclement weather and equipment problems they lag behind two months from their schedule. Since the weather does not permit the enforcement of asphalting work, the contractor concentrates in filling of Item 108 to make the road passable per advice of Mr. Salvador on previous meetings. Mr. dela Torre commented that compaction is being sacrificed in their haste to finish the project. Mr. Bermille also added that the approaches of the bridge along Maydase are very thick and not properly compacted. He said that layer by layer compaction should be followed. Mr. Salvador advised the contractor to work overtime when the weather is good and that the quality of work must not be sacrificed.

On Sub-project No. 5, Pili-Mataeres Road Project, the accomplishment as of August 18, is 59.88% with time elapsed of 58.26% and a slippage of 6.15%(-). All feeder roads are completed and passable although there are corrections to be still undertaken on some of its sections. They include: (a) improvement of surfacing; (b) completion of compaction requirement; (c) improvement of drainage canals and (d) other minor finishing work. Preliminary inspection is scheduled on August 25, 1982. Said feeder roads are to be opened to traffic on the 28th of this month. The big problem on the secondary road section is the interference of MAR's activities. It's contractor's heavy equipments passing this road caused its deterioration; Necessary maintenance and repair promised by them were not done yet. Mr. Mangubat of ARM Const. Corp. had already suggested the closing of the road until August 28 and MAR was amenable. Dir. de Guzman asked the USAID whether the deletion of the entire items of work beyond 2 kms. and then placement of pavement be considered complete and acceptable. Mr. Stevens answered that they will conduct an inspection first to see if this is possible.

On Package III, Mr. Benito of DCCD reported first on Iriga-Salvacion-Bato Project. It is already 100% completed. Correction of minor deficiencies is progressing. The final inspection was scheduled on the 17th of August.

ANNEX "A"
Sht. 4 of 5

C Pelangui-Lideng-Buhi Road Project under [illegible] Const. Corp., accomplishme[illegible] on Feeder Road [illegible] is 90%, Feeder Road F is 95% and Feeder Road G is 93 An addition of subbase/course and compaction work are needed in some of its sections. On [illegible] road DDST is 97% complete. The contrac[illegible] requested for a preliminary inspection on August 19, 1982.

O[illegible]ckage IV, Contract III, Libon-Nugpo Road Project is 98% complete a[illegible] Aug. 15. The scheduled accomplishment is 97.86% and slippage is [illegible]% (+). Shouldering and side ditches are the only remaining works. [illegible] contractor is also requesting for a preliminary inspection of the p[illegible]ject on Aug. 24, 1982.

Contract IV, Nugpo-[illegible] Juan Project under the 51st Army Eng'g. Brigade is 50.38% complete. The scheduled accomplishment is 100% with slippage of 49.62% (-). Overall accomplishment (old contract + new contract) is 85.15%. Concrete pavement is almost complete when typhoon "Emang" struck leaving vast destruction. The entire embankment at the end of this concrete pavement was washed, shifting the channel from its original position. Piled up boulders in the spillway is higher than that of pavement. Because of this, a revised plan was deliberated to construct a fjording spillway instead to allow deposited boulders to pass. Also a rechanelling is to be made further away from the bank of a nearby school. The new work entails P110,000.00 with an additional typhoon damage work worth P160.000.00. Dir. de Guzman suggested the deffering of the plan for a while until further study is made. Mr. Villanueva countered that they have to pass this section in order to proceed with the construction of Pagatpatan Bridge. Dir. de Guzman said that they can fill up the eroded area first to be able to use this section. In connection with the construction of the said bridge, Mr. Villanueva informed Dir. de Guzman that he already talked with Gen. Ver who is waiting for the approval of Change Order No. 1. Dir. de Guzman said that it was in a narrative form, the required format for submitting Change Order must be followed. Asst. Dir. de Leon added further that a change order is not necessary and that time extension request is enough to avoid confusion. Dir. de Guzman said that he already gave a go signal to Gen Ver and Col. Lim verbally. The prevailing critical weather condition is affecting the work in Feeder Road No. 18. One equipment brought to the area bogged down. To date, said equipment has not been hauled yet. Added to this, peace and order situation in that particular area is still unstable.

The accomplishment of work in Pelangui-Masisi Section, Contract V - A under William Uy Const. Corp. is 76.16% as of Aug. 15, 1982. The scheduled accomplishment is 86.55%, with a negative slippage of 10.59%. The overall accomplishment (old contract, 53.65% + new contract) is 84.67%. The contractor is concentrating on the concrete paving in downtown area. There is a delay in asphalting activity due to poor weather as well as lack in asphalting equipments such as kettles and road rollers. Mr. Robert Wong said that they already asked the Area Equipment for the lease of two kettles but said equipment is not available. He also asked their assistance of Mr. Sequerra by sending an skilled asphalting crew. Dir. de Guzman advised the FMO, the consultant and the contractor of this project to devise a contingent plan in order to solve this problem. Mr. Bermille asked the period it will take to complete the work on the bridge, the culverts and the spillway before the project can be accepted for reimbursement. Mr. Wong reassured him the completion of the bridge and the [illegible] culverts only by September 15, 1982. [illegible] told him to be [illegible]

ANNEX "K"
Sht 5 of 5

listic w[illegible] of the stream which ha[illegible] the work on the bridge, Mr. Cruz advised the contractor to use th[illegible] pumps to remove water and also sandbags must be placed in the inle[illegible] divert the waterflow, after four hours of drying a batch must be [illegible] at once. Mr. de Guzman commented further on the honeycombs seen on [illegible] newly concreted pavement. Mr. Cruz said that they already made hint[illegible] to improve the pavings and that the contractor must sent an inspector to watch the activities of his sub-contractor. He advised also the use o[illegible] a vibratory roller to avoid these honeycombs.

The Kabua-San Agustin Road Section under the Provincial Engineer's Office of Camarines Sur is 84.20% accomplished. Under the old contract the project was 74.12% complete. Scheduled accomplishment (new contract) is 100% with a slippage of 15.80% (-). Overall accomplishment is 95.36%. The big slippage is due mainly on leaving out construction in some parts of the road. Unless the contractor comes out with a more vigorous program of work they will not be able to complete the project within this month.

Dir. de Guzman concluded that out of 13 projects only about 4 are considerable for turn-over. He added his hope that the exchange of views shared in the meeting will be fruitful in upgrading the projects since the target date of August 18, 1962 is past approaching. Lastly, he extended his thanks to the USAID representatives for their assistance in making these projects possible.

The meeting was adjourned at 6:15 P.M.

Herewith attached are the summarized progress reports of the four packages comprising the Bicol Secondary and Feeder Road Projects.

• • • •

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CONSTR[illegible]

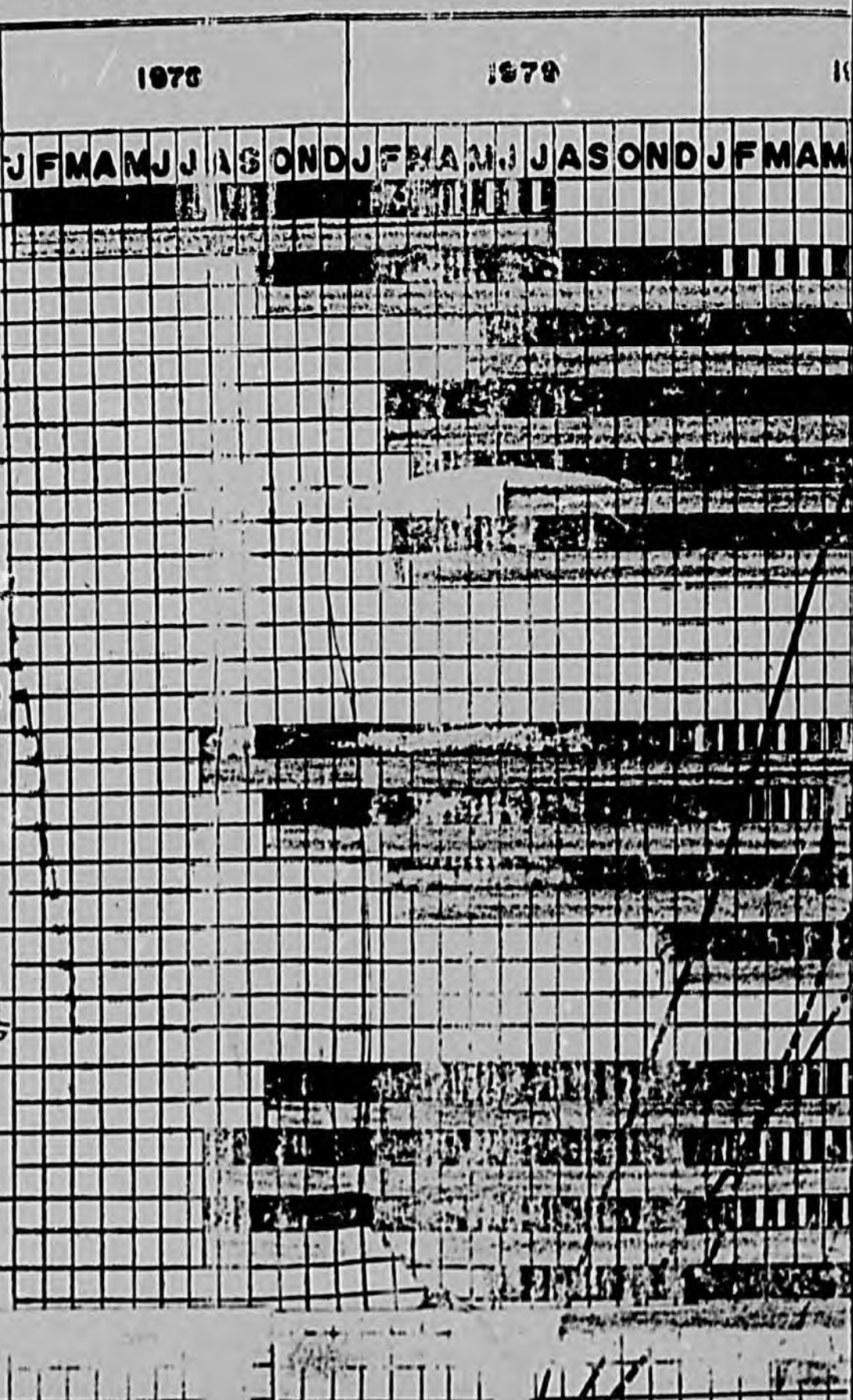
PACK NO.	NAME OF SUB-PROJECT OF CONTRACT SECTION	NAME OF CONTRACTOR	ESTIMAT[illegible] PROGRAM[illegible] A	B	
I	1. SAN ISIDRO-LIBMANAN BRIDGE CONT. 1, SUB PROJ. Nō: 1	R.L. UMALI CONST. INC.	5.36	4.57	[illegible]
	2. LIBMANAN BRIDGE-CABUSAO SECT. CONT. 2, SUB-PROJ. Nō: 1	R.L. UMALI CONST. INC.	4.72	4.02	17[illegible]
	3. DANAO-PASACAO ROAD SUB-PROJ. Nō. 2	CBT Const & Equipt. Corp-orig. Marosa Construction-*	4.45	3.79	18[illegible]
	4. CALABANGA-MANGUIRING SECT. CONT. 1, SUB-PROJ. Nō. 3	Kamagong Bldrs. & Dev'rs. Corp-original Pragmatic Const. & Dev. Corp.-*	3.35	2.86	12[illegible]
	5. MANGUIRING BRIDGE-TINAMBAC SECT. CONT. 2, SUB-PROJ. Nō 3	Kamagong Bldrs. & Dev'rs. Corp-original Goldrock Construction-*	6.10	5.20	2[illegible]
	6. CALABANGA-TINAMBAC BRIDGES CONT. 3, SUB-PROJ. Nō 3	A.L. SARMIENTO CONST.	0.82	0.70	[illegible]
	7. TIGMAN-HIMURAGAT BRIDGES, CONTRACT 4, SUB-PROJ. Nō. 3	A.B. AGUINALDO CONST.	2.71	2.31	[illegible]
	TOTAL FOR PACKAGE I		27.51	23.54	[illegible]
II	8. NAGA-CAROLINA ROAD SUB-PROJ. Nō 10	BALM CONST. CORP.	4.40	3.75	[illegible]
	9. PILI-MATAOROC ROAD SUB-PROJ. Nō 5	A.B. AGUINALDO CONST.	5.87	5.09	[illegible]
	10. MINALABAC-ANTIPOLO-HUBO ROAD SUB-PROJ. Nō 4	POLYTRADE CONST. CORP.	4.64	3.96	[illegible]
	11. PALESTINA-SAN ANTONIO-MINALABAC SUB-PROJ. Nō 6	Proj. Works Contractor Inc.-orig. South Motorist Enterprise-*	1.72	1.46	[illegible]
	TOTAL FOR PACKAGE II		16.63	14.17	[illegible]
III	12. STO. DOMINGO-BULA-OMBAO SUB-PROJ. Nō 7	V.P. EUSEBIO CONST.	4.39	3.74	2[illegible]
	13. POLANGUI-LIDONG SECTION SUB-PROJ. 13 A	William Uy Const.-orig. LALS Construction-*	5.51	4.70	[illegible]
	14. BUHI-LIDONG SECTION SUB-PROJ 13 B	JPY Construction-orig. LALS Construction-*	4.07	3.50	20[illegible]
	15. IRIGA-SALVACION-BATO RD. [illegible]	Philcon Builders-orig. Moonrock Construction-*	2.03	1.73	[illegible]
	16. [illegible] SUB-PROJ. Nō [illegible]	[illegible]OL IND'L CO[illegible] [illegible]RP	3.82	3.25	[illegible]

R[illegible]TION OF BICOL SECONDARY AND FEEDER

PROGRESS CHART

(BASED FROM CONTRACT SCHDL.)

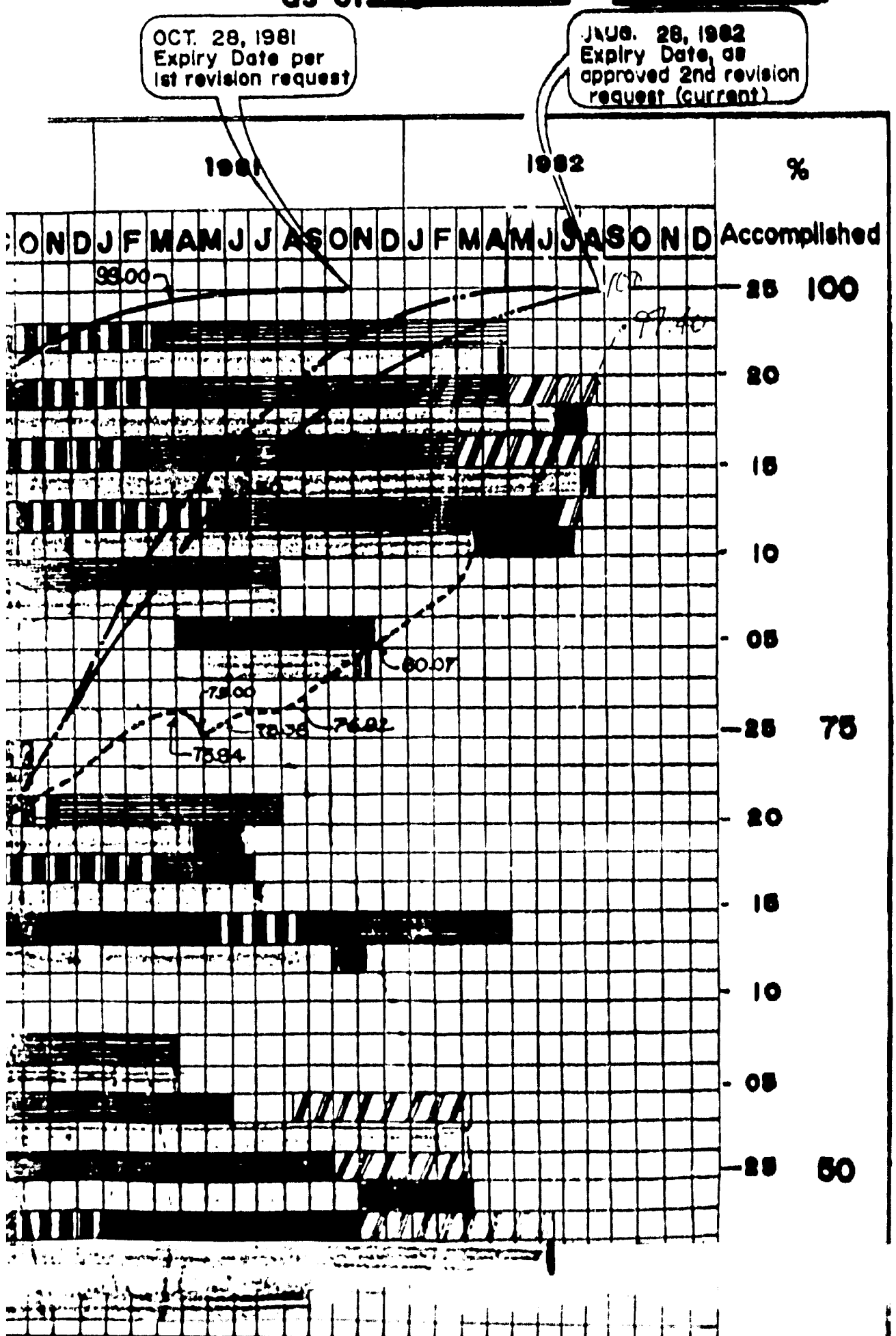
ATE			[illegible]GTH IN %		
AN			ACCOMP.		
D			D	E	F
.57			100	5.36	
.02	17		99.38	4.69	
.79	18		98.73	4.39	
.86	12		99.98	3.25	
.20	2[illegible]		98.43	6.00	
.70			100	0.82	
.31			97.09	2.03	
.54					99.00
3.75			100	4.40	
5.06		.30	96.70	5.67	
3.96			100	4.64	
1.46			80.36	1.38	
4.17					96.75
3.74	2[illegible]		100	4.39	
4.70			100	5.51	
3.50	20		100	4.07	
1.73			100	2.03	
[illegible]			[illegible]	[illegible]	



PROJECTS

as of Aug 31, 1982

ANNEX I-A



	13. POLANGUI-LIDONG SUB-PROJ. 13 A	LALS Construction—*			
	14. BUHI-LIDONG SECTION SUB-PROJ 13 B	JPY Construction—orig. LALS Construction—*	4.07	3.50	20
III	15. IRIGA-SALVACION-BATO RD. SUB-PROJ. [illegible]	Philcon Builders—orig. Moonrock Construction—*	2.03	1.73	[illegible]
	16. [illegible] SUB-PROJ. No [illegible]	[illegible]OL INDL [illegible]	3.82	3.[illegible]	[illegible]
	TOTAL FOR PACKAGE III		19.82	16.92	100
	17. NABUA-TANDAAY SECTION CONT. I, SUB-PROJ. No. 11	S.P. DACER CONSTRUCTION	6.38	5.44	17.70
	18. TANDAAY-SAN JUAN SECTION CONT. 2A, SUB-PROJ. No. 11	F. F. CRUZ & CO. INC.	6.81	5.81	18.90
	19. TANDAAY-SAN JUAN BRIDGES CONT. 2B, SUB 11 contract 11-b1 contract 11-b2	F. F. CRUZ & CO. INC.	0.63	0.54	1.75
	20. SAN AGUSTIN-NABUA ROAD CONT. VI-A, SUB-PROJ. No. 9	M.D. FORONDA & ASSOCIATES	0.75	0.64	2.08
	21. SAN AGUSTIN-NABUA ROAD CONT. VI-B, SUB-PROJ. No. 9	G & G CONSTRUCTION CO.	0.75	0.64	2.08
	22. SAN AGUSTIN-NABUA ROAD CONT. VI-C, SUB-PROJ. No. 9	J.M. HERNANDEZ CO. INC.	0.78	0.67	2.16
	23. LIBON-NUGPO SECT. CONT. 3, SUB-PROJ. No. 11	Danson (Mla.) Inc.—original V.P. Eusebio Construction—*	7.66	6.53	21.26
	24. POLANGUI-NASISI SECT. CONT. V-A, SUB-PROJ. No. 14	Better Builders Const Corp.-orig. William Uy Const.—*	3.51	2.99	9.74
	25. POLANGUI-NASISI SECT. CONT. V-B, SUB-PROJ. No. 14-Bridges	EASTERN BICOL CONST. & DEV'T. CORP. (Original)	0.56	0.47	1.55
	26. SAN JUAN-NUGPO SECT. CONT. IV, SUB-PROJ. No. 11	F.F. Cruz & Co. Inc.—orig. 5th Eng'g. Brigade [illegible]—*	8.21	7.00	22.78
	TOTAL FOR PACKAGE [illegible]		36.04	30.73	100
	OVERALL TOTAL		100		

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

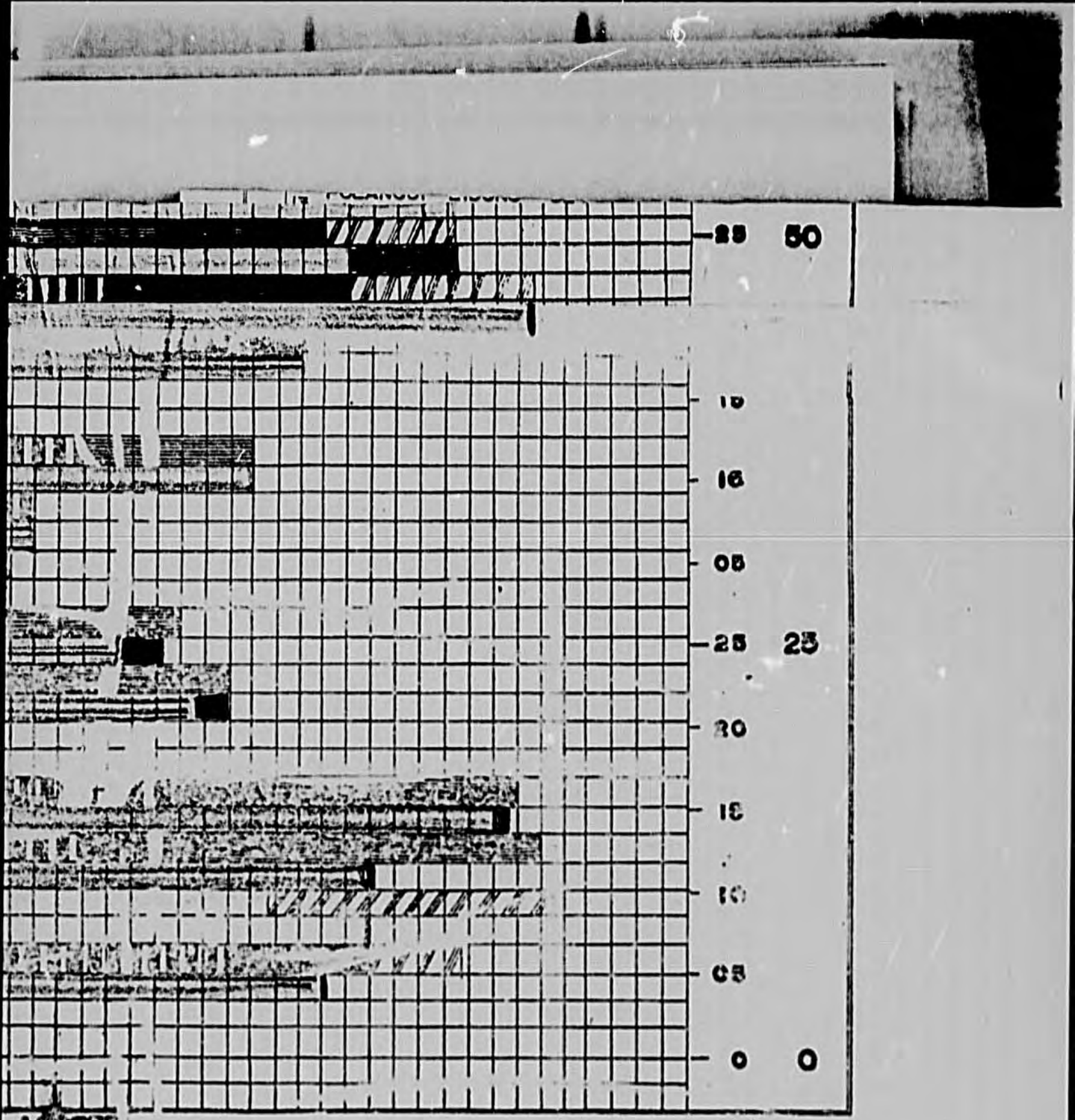
2. Corresp[illegible] will be [illegible] ficial [illegible] ding sc[illegible]

*—New (cu[illegible]

20	100	4.07		
	100	2.03		
100			100	
17.70	100	6.38		
18.90	100	6.81		
1.75	100	0.63		
2.08	90.35	0.73		
2.08	100	0.75		
2.16	100	0.7[illegible]		
21.26	99.60	7.63		
9.74	82.80	2.99		
1.55	100	0.[illegible]		
22.78	85.14	6.99		
100			95.03	
		97.40		

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



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

Original
Extension
Probable ext'n
projected by PMC
Monitoring Section
Terminated and
Rebidded section

Please see for actual accomplishment (in %) of Construction and Construction Supervision in ANNEX I-A

PROJECT COMPONENT	RELATIVE WEIGHT	ACCOMPLISHMENT			% Weight Accomplishment	A I
		PLANNED	ACTUAL	PERCENT		
PMO OVERHEAD Includes Evaluation	0.0331	100%				
DETAILED ENGINEERING SURVEY & DESIGN	0.0257	100%	100	100	2.57	
PARCELLARY SURVEY & MAPPING OF RROW	0.0034	100%	100	100	0.34	
RROW ACQUISITION	0.0053	100%				
CONSTRUCTION & CONST. SUPERVISION	0.8569	100%				
MAINTENANCE TRAINING	0.0056	100%	100	100	0.56	
ACQUISITION OF MAINTENANCE EQUIPMENT	0.0700	100%				
TOTAL	1.0000			WHERE: Percent Accomplis		

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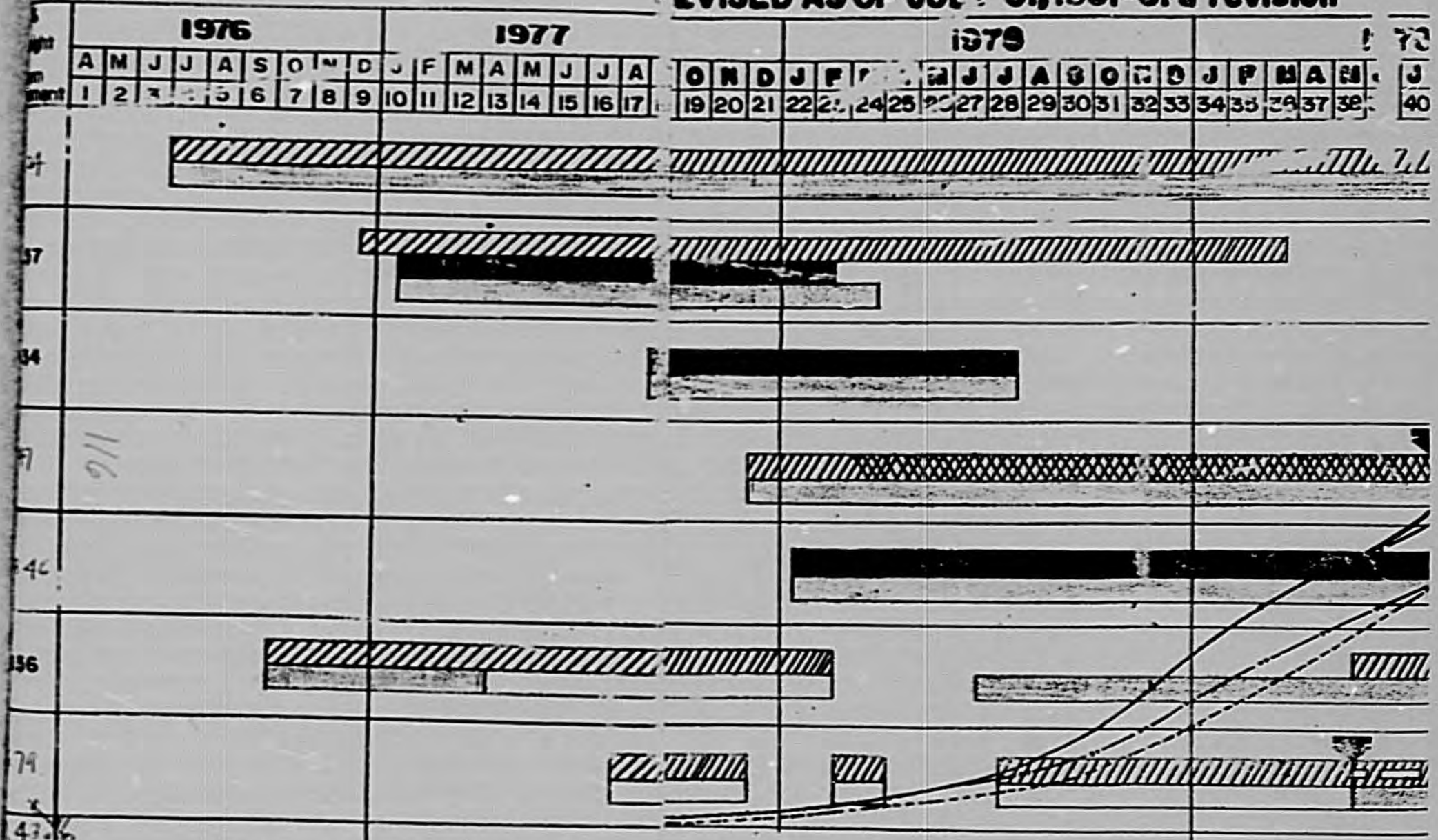
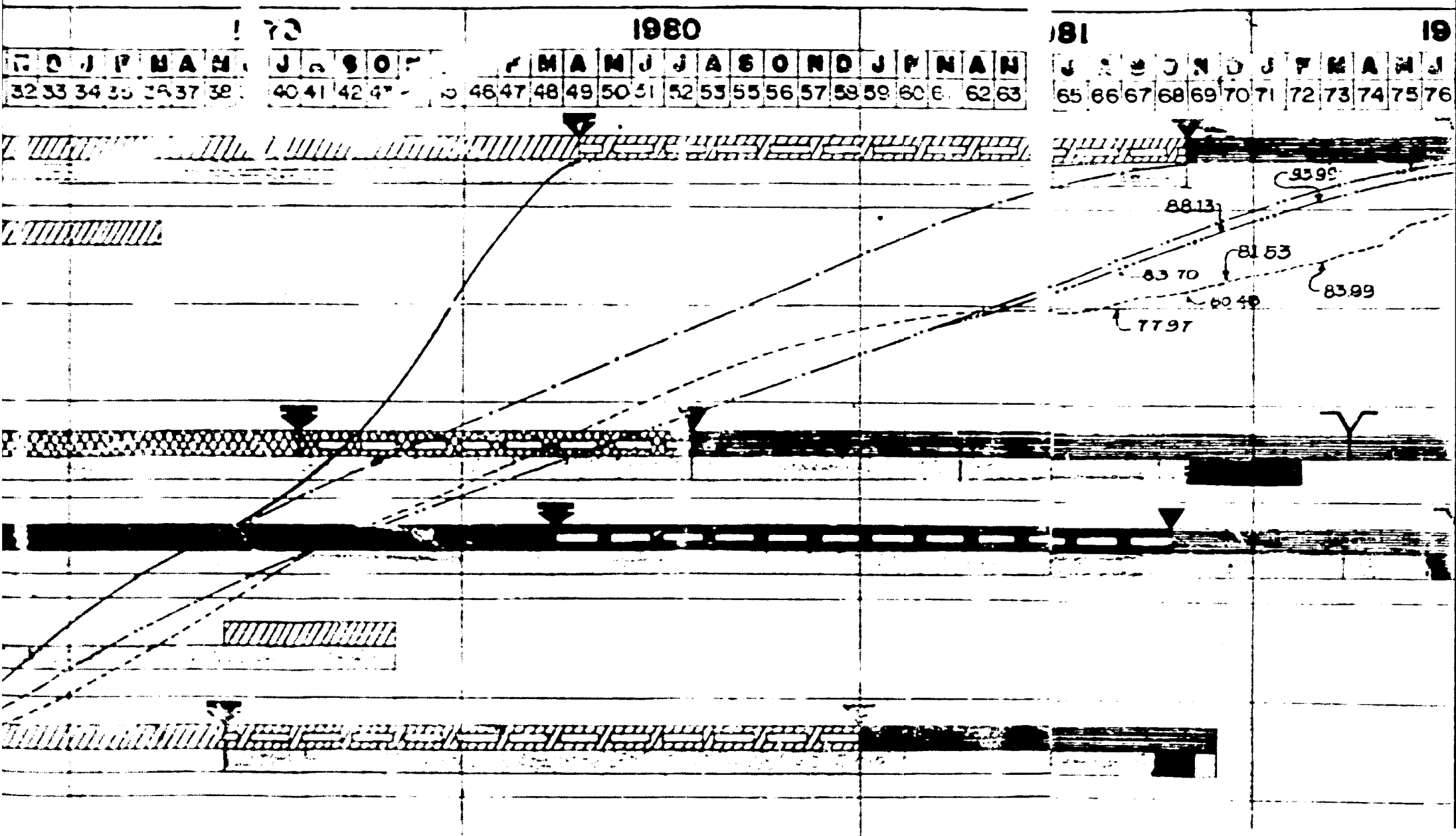
BICOL SECONDARY AND FEEDER ROADS PROJECT
OVERALL PROGRESS SCHEDULE
REVISED AS OF JULY 31, 1981-3rd revision



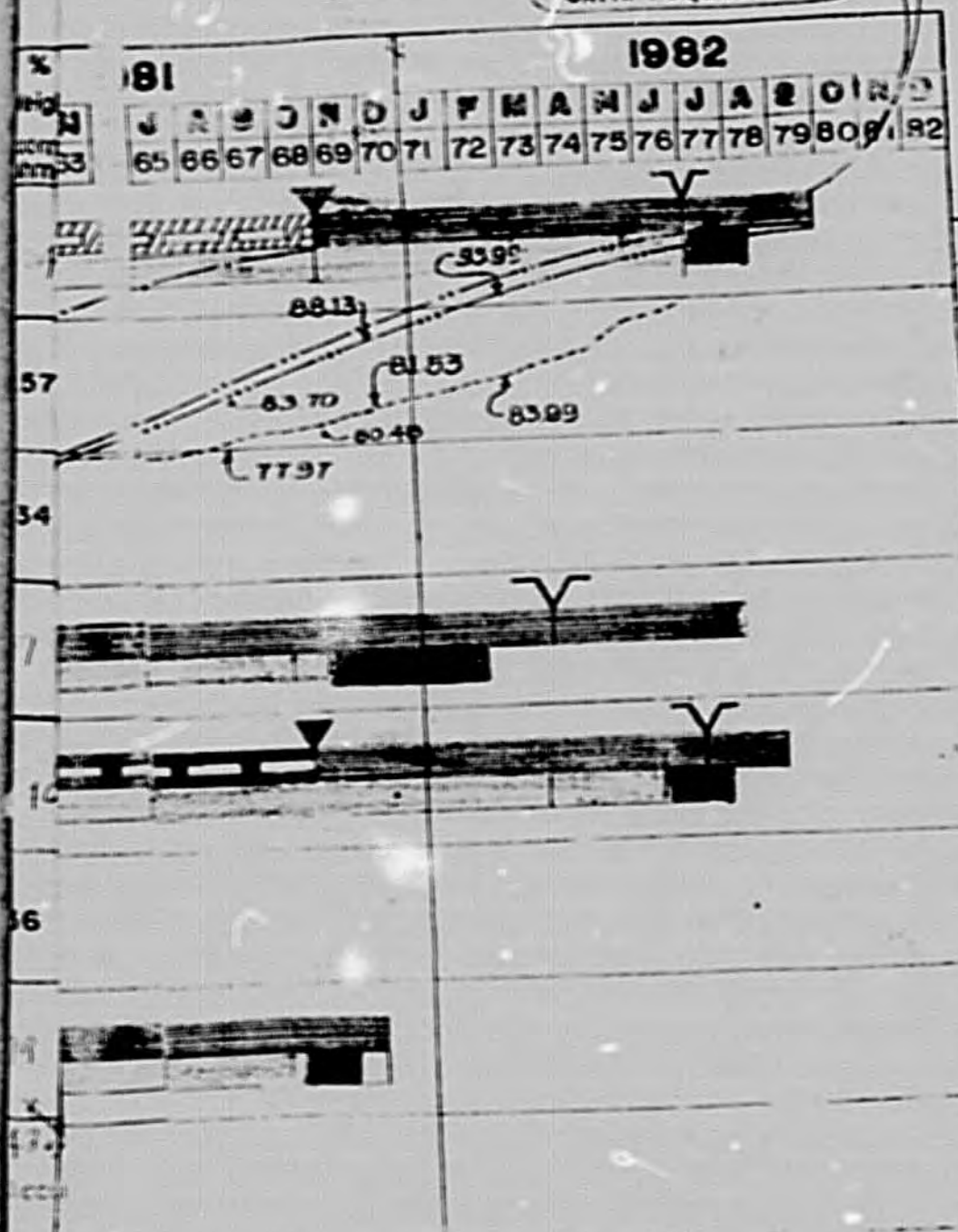
% Accomplishment = $\frac{\text{cumulative actual accomplishment}}{\text{programmed accomplishment}}$ X 100

Percent Weight Accomplishment = % Accomplishment X Relative Weight

DAUS PRO
SCHEDULE
-3rd revision



DATE
28, 1982
(as approved of 2nd extn. request)



NOTE:

I MAINTENANCE TRAIN
FOLLOWING ACTIVITI
(1) Organization of m
equipment & pool
of trng. Consultant
of Trainers & pre
(2) Trng. of participa
training Consulten
& final trng. evalu

II ACQUISITION OF MAINT
THE FF. ACTIVITIES:
(1) Advertise bid and
(2) Award Equipt. Cont
(3) Arrival & distribut

III IN ESTIMATING THE
-ules for constructi
by concerned Consult
as per implementatio
vious reports.

IV THE SCHED'LS. FOR CO
ACQUISITION OF MAIN
(EXTENDED PER THIS

LEGEND:
SCHEDULED OR PROGGRAM
Per Contract
Per Implementation a
uation Plan(1st revisio
PMO Sched'l. Per 1st.
PMO Sched'l P
sion(3rd revision)
Original Sched'ld. Cur
Revised Sched'ld
(1st revision)
Revised Sched'ld. Cur
(2nd and this revisio
Revised Sched'l. Cur

ANNEX-"J"

as of _____

NOTE:

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

(1) Organization of maint. Sect. in PMO, 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 schedules 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., PMO OVERHEAD, PROJ. ACQUISITION, ACQUISITION OF MAINT. EQUIPT. ARE THE ONLY ONES REVISED (EXTENDED PER THIS REVISION)

LEGEND:

SCHEDULED OR PROGGRAMMED:

- Per Contract
- Per Implementation and Evaluation Plan (1st revision)
- PMO Sched'l. Per 1st. Revision
- PMO Sched'l. Per 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 revision)
- Accomplished Sched'ld Curve
- Extension per 1st Revision
- Previous (blue)
- [illegible]
- Original Target Date
- 1st Revision's Target Date
- 2nd Revision's Target Date