AGENCY FOR INTERNATIONAL DEVELOPMENT

PROJECT DATA SHEET

1. TRANSACTION CODE: A (A = Add, C = Change, D = Delete) — Amendment Number 4

DOCUMENT CODE: 3

2. COUNTRY/ENTITY: Arab Republic of Egypt

3. PROJECT NUMBER:

4. BUREAU/OFFICE: NE 03

5. PROJECT TITLE (maximum 40 characters): Family Planning

6. PROJECT ASSISTANCE COMPLETION DATE (PACD): MM 09 DD 30 YY 84

7. ESTIMATED DATE OF OBLIGATION (Under 'E.' below, enter 1, 2, 3, or 4)
A. Initial FY 82 B. Quarter 2 C. Final FY 82

8. COSTS ($000 OR EQUIVALENT $1 =)

A. FUNDING SOURCE	FIRST FY 1982 B. FX	C. L/C	D. Total	LIFE OF PROJECT E. FX	F. L/C	G. Total
AID Appropriated Total	10,000	12,256	22,256	33,817	33,639	67,456
(Grant)	(10,000)	(12,256)	(22,256)	(33,817)	(33,639)	(67,456)
(Loan)	( )	( )	( )	( )	( )	( )
Other U.S. 1.						
Other U.S. 2.						
Host Country	-	16,500	16,500	-	54,499	54,499
Other Donor(s)						
TOTALS						121,955

9. SCHEDULE OF AID FUNDING ($000)

A. APPROPRIATION	B. PRIMARY PURPOSE CODE	C. PRIMARY TECH. CODE 1. Grant	2. Loan	D. OBLIGATIONS TO DATE 1. Grant	2. Loan	E. AMOUNT APPROVED THIS ACTION 1. Grant	2. Loan	F. LIFE OF PROJECT 1. Grant	2. Loan
(1) SA	489	490		45,200		22,256		67,456	
(2)									
(3)									
(4)									
TOTALS				45,200		22,256		67,456	

10. SECONDARY TECHNICAL CODES (maximum 6 codes of 3 positions each): 440 | 444 | 420

11. SECONDARY PURPOSE CODE:

12. SPECIAL CONCERNS CODES (maximum 7 codes of 4 positions each)

A. Code	BRW	BUW	DEI	PART	PVON		
B. Amount	22.3	10.2	17.5	10.0	7.5		

13. PROJECT PURPOSE (maximum 480 characters)

To strengthen and expand nationwide family planning service systems in order to make such services effectively available and utilized by married couples of reproductive age.

14. SCHEDULED EVALUATIONS
Interim MM 03 YY 82 | MM YY | Final MM 06 YY 83

15. SOURCE/ORIGIN OF GOODS AND SERVICES: ☐ 000 ☐ 941 ☐ Local ☐ Other (Specify)

16. AMENDMENTS/NATURE OF CHANGE PROPOSED (This is page 1 of 62 page PP Amendment)

This amendment provides additional funds to family planning project 263-0029 to: (a) support on-going activities for contraceptive and service supply, training, innovative activities, information, education, and communication; (b) continue the rural integrated social services delivery sub-activities and the urban-based private sector contraceptive retail sales program.

17. APPROVED BY
Signature: Donald S. Brown
Title: Mission Director
Date Signed: MM 11 DD 18 YY 81

18. DATE DOCUMENT RECEIVED IN AID/W, OR FOR AID/W DOCUMENTS, DATE OF DISTRIBUTION: MM DD YY

AID 19904 (8-79)

PD-AAJ-648
ISN-1181

REPUBLIC OF THE PHILIPPINES

MINISTRY OF PUBLIC HIGHWAYS

MANILA

BICOL RIVER BASIN DEVELOPMENT PROJECTS SECONDARY & FEEDER ROADS

CAMARINES SUR

PACKAGE I

MONTHLY CONSTRUCTION REPORT

JUNE, 1980

TECHNIKS GROUP CORP.
CONSULTING ENGINEERS
PHILIPPINES

RECEIVED
JUL 29 1980

REPUBLIC OF THE PHILIPPINES

MINISTRY OF PUBLIC HIGHWAYS

MANILA

BICOL RIVER BASIN DEVELOPMENT PROJECTS SECONDARY & FEEDER ROADS

CAMARINES SUR

PACKAGE I

MONTHLY CONSTRUCTION REPORT

LIBMANAN BRIDGE-CABUSAO SECTION - - REPORT NO. 22
(SUB-PROJECT I, SEGMENT "B")

CALABANGA-MAMURING BRIDGE SECTION - REPORT NO. 19
(SUB-PROJECT 3, CONTRACT PACKAGE NO. I)

BRIDGES, CALABANGA-TINAMBAC ROAD - - REPORT NO. 17
(SUB-PROJECT 3, CONTRACT PACKAGE NO. 3)

MAMURING BRIDGE-TINAMBAC SECTION - - REPORT NO. 16
(SUB-PROJECT 3, CONTRACT PACKAGE NO. 2)

DANAO-PASACAO ROAD - - - - - - REPORT NO. 14
(SUB-PROJECT 3, CONTRACT PACKAGE NO. 3)

TECHNIKS GROUP CORP.
CONSULTING ENGINEERS
PHILIPPINES

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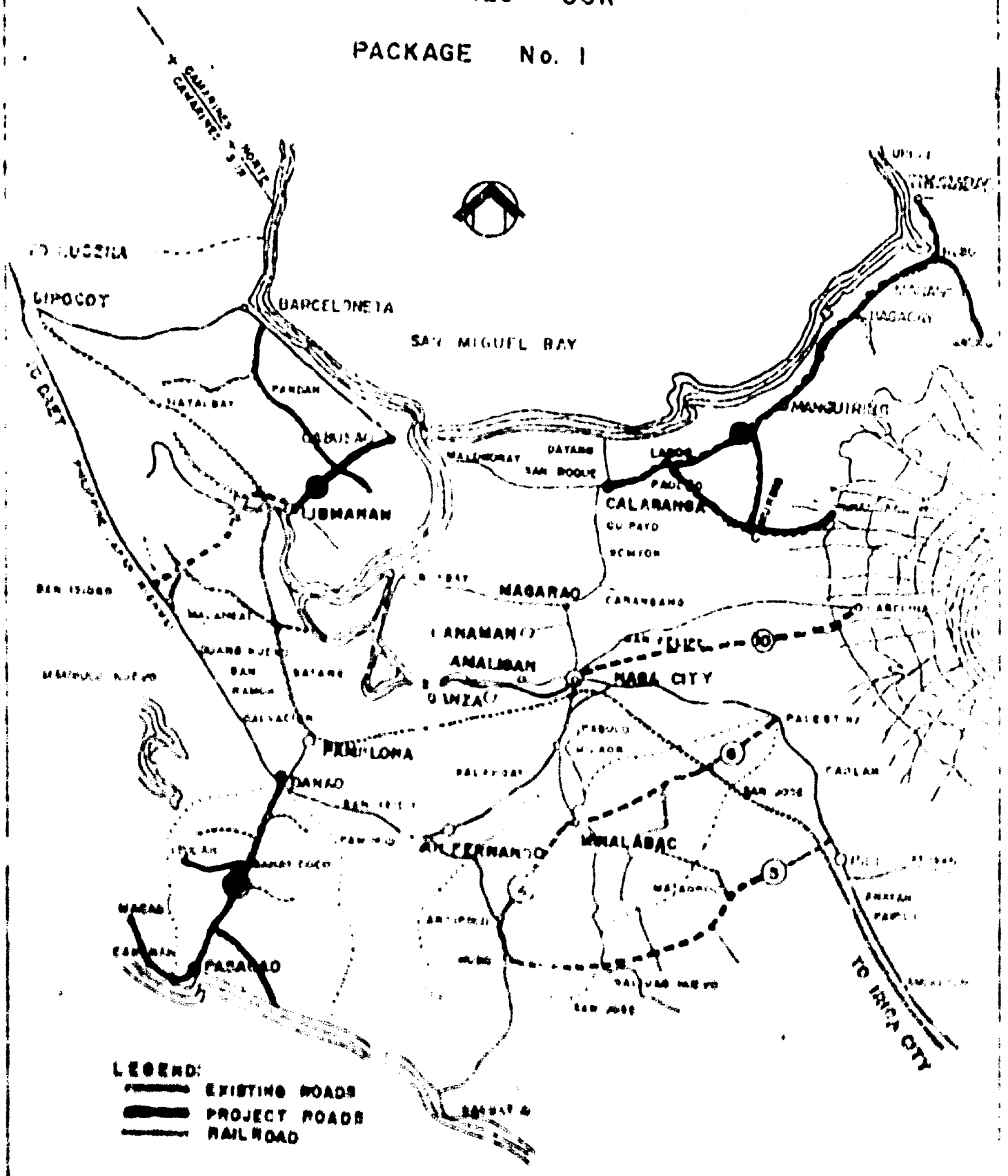
BICOL RIVER BASIN DEVELOPMENT PROJECT

SECONDARY AND FEEDER ROADS
CAMARINES SUR

PACKAGE No. 1



SUMMARY OF PROJECT STATUS

AS OF JUNE 25, 1980

SUMMARY OF PROJECT STATUS

As of June 25, 1980

NAME OF PROJECT: Libmanan Bridge-Cabusao Section

DATE OF BIDDING: December 9, 1977

DATE STARTED: September 18, 1978

LEVEL OF IMPROVEMENT:

SECONDARY ROAD - - - Portland Cement Concrete Pavement (0.20 M.) 8" Thick

FEEDER ROAD - - - Gravel Surfacing (Aggregate Subbase)

NET LENGTH:

SECONDARY ROAD - - - - - - - - - - - - - - - - - 9.335 Kms.

FEEDER ROADS:

Feeder Road 103 - - - - - - - - - - - - - - 4.245 Kms.

Feeder Road 104 - - - - - - - - - - - - - - 5.025 Kms.

TOTAL CONTRACT COST - - - - - - - - - - - - - - - - - ₱ 12,144,402.60

TOTAL AMOUNT OF ACCOMPLISHMENT AS OF June 25, 1980 - - ₱ 7,202,291.63

PERCENT (%) ACCOMPLISHMENT AS OF June 25, 1980 - - 59.31%

TITLE	PERCENT (%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	78.86	0	3.79	3.86
B. SECONDARY ROAD	49.87	0	36.77	23.01
C. FEEDER ROADS:				
Feeder Road 103	84.99	0	7.76	9.28
Feeder Road 104	80.68	0	10.99	13.85
TOTAL		0	59.31	100.00

TOTAL CONTRACT TIME - 458 Days

TOTAL TIME EXTENSION RECOMMENDED DUE TO BAD WEATHER AS OF June 25, 1980 - - - - - - - - - - - - - - - - 90 Days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - - - 77.51%

PERCENT (%) SLIPPAGE - 28.67% (-)

NAME OF PROJECT: Calabanga-Manguiring Bridge Section

DATE OF BIDDING: April 26, 1978

DATE STARTED: February 5, 1979

LEVEL OF IMPROVEMENT:

SECONDARY ROAD: Bituminous Surface Treatment

FEEDER ROADS: Gravel Surfacing (Aggregate Subbase)

NET LENGTH:

SECONDARY ROAD - 9.904 Kms.

FEEDER ROADS:

Feeder Road 301 - - - - - - - - - - - - - - - - - - 12.900 Kms.

Feeder Road 302 - - - - - - - - - - - - - - - - - - 5.283 Kms.

TOTAL CONTRACT COST - P 8,788,665.90

TOTAL AMOUNT ACCOMPLISHMENT AS OF JUNE 25, 1980 - - - - - P 4,252,331.68

PERCENT (%) ACCOMPLISHMENT AS OF JUNE 25, 1980 - - - - - - 48.38%

TITLE	PERCENT (%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	73.15	0.03	1.66	2.27
B. SECONDARY ROAD	36.02	0.72	17.57	48.77
C. FEEDER ROADS				
Feeder Road 301	61.89	0.12	25.13	40.60
Feeder Road 302	48.18	0.08	4.02	8.36
TOTAL		0.95	48.38	100.00

TOTAL CONTRACT TIME - 549 Days

TOTAL TIME EXTENSION RECOMMENDED DUE TO
BAD WEATHER AS OF JUNE 25, 1980 - - - - - - - - - - - - 62 Days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - 81.06%

PERCENT (%) SLIPPAGE - 35.84 (-)

NAME OF PROJECT: Seven (7) Bridges, Calabanga-Tinambac Road

DATE OF BIDDING: July 25, 1978

DATE STARTED: February 15, 1979

LEVEL OF IMPROVEMENT: RCDC on RC Piles with 2 - 0.46 M. Side Walk

NET LENGTH: 151.20 Meters

TOTAL CONTRACT COST: ₱2,145,095.20 (Standing)

TOTAL CONTRACT COST INCLUDING OVERRUN:(Projected) - - - ₱2,254,546.20

TOTAL AMOUNT OF ACCOMPLISHMENT AS OF JUNE 25, 1980 - - ₱1,306,236.40 (Including overrun)

PERCENT (%) ACCOMPLISHMENT AS OF MAY 25, 1980 - - - - 60.90%

TITLE	PERCENT (%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	81.63	0	1.87	2.17
B. MANGUIRING BRIDGE	98.23	0	20.53	19.88
C. CUT-12 BRIDGE	94.89	0	16.52	16.56
D. TUMULUS BRIDGE	24.23	0	2.45	9.62
E. TIGUIB BRIDGE	35.22	0	3.47	9.39
F. KAWAYAN BRIDGE	65.40	0	16.06	23.36
G. HUBO BRIDGE	0	0	0	9.30
H. WITIWIT BRIDGE	0	0	0	9.72
TOTAL		0	60.90	100.00

TOTAL CONTRACT TIME - 549 Days

TOTAL TIME EXTENSION RECOMMENDED DUE TO BAD WEATHER AS OF JUNE 25, 1980 - - - - - - - - - - - - - 94 Days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - 56.65%

PERCENT (%) SLIPPAGE - 5.40% (-) Vertical

NOTE: Complete termination of this contract has now been officially approved by the MFH.

NAME OF PROJECT: Manguiring Bridge-Tinambac Section

DATE OF BIDDING: July 25, 1978

DATE STARTED: March 12, 1979

LEVEL OF IMPROVEMENT:

SECONDARY ROAD - - - Portland Cement Concrete Pavement (0.20 M.) 8" Thick

FEEDER ROAD - - - - Gravel Surfacing (Aggregate Subbase)

NET LENGTH:

SECONDARY ROAD - - - - - - - - - - - - 10.923 kms.

FEEDER ROAD 303 - - - - - - - - - - - 6.900 kms.

TOTAL CONTRACT COST - - - - - - - - - - - ₱ 15,965,239.90

TOTAL AMOUNT OF ACCOMPLISHMENT AS OF JUNE 25, 1980 - - - ₱ 3,730,905.65

PERCENT (%) ACCOMPLISHMENT AS OF JUNE 25, 1980 - - - - - 23.37%

TITLE	PERCENT (%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	25.82	0	0.1564	0.61
B. SECONDARY ROAD	26.28	1.052	23.2125	88.32
C. FEEDER ROAD 303	0	0	0	11.07
TOTAL		1.052	23.37	100.00

TOTAL CONTRACT TIME - 549 DAYS

TOTAL TIME EXTENSION DUE TO
BAD WEATHER AS OF JUNE 25, 1980 - - - - - - - - - - - - - - - - - - 93 DAYS

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - - - - - - 69.03%

PERCENT (%) SLIPPAGE - 52.69 (-)

NAME OF PROJECT: Danao - Pasacao Road

DATE OF BIDDING: April 26, 1978

DATE STARTED: May 18, 1978

LEVEL OF IMPROVEMENT:

SECONDARY ROAD - Portland Cement Concrete Pavement (0.20) 8" Thick

FEEDER ROADS - Gravel Surfacing (Aggregate Subbase)

NET LENGTH:

SECONDARY ROAD - 8,883 Kms.

FEEDER ROADS:

FEEDER ROAD 201 - - - - - - - - - - - - - - - - - - 4,523 Kms.

FEEDER ROAD 202 - - - - - - - - - - - - - - - - - - 8.687 Kms.

TOTAL CONTRACT COST - ₱ 11,635,128.50

TOTAL AMOUNT OF ACCOMPLISHMENT AS OF JUNE 25, 1980 - - - ₱ 4,679,082.40

PERCENT (%) ACCOMPLISHMENT AS OF JUNE 25, 1980 - - - - - 40.21%

TITLE	PERCENT (%) ACCOMPLISHMENT	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	58.087	.02	.93	1.59
B. SECONDARY ROAD	24.928	1.17	16.89	67.33
C. FEEDER ROADS				
Feedor Road 201	58.58	.03	5.11	8.72
Feeder Road 202	76.42	.053	15.05	19.69
Feeder Road 203	84.61	.037	2.23	2.67
TOTAL		1.31	40.21	100.00%

TOTAL CONTRACT TIME - 518 days

TOTAL TIME EXTENSION RECOMMENDED DUE TO

BAD WEATHER AS OF JUNE 25, 1980 - - - - - - - - - - - 34 days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - 73.32%

PERCENT (%) SLIPPAGE - - - - - - - - - - - - - - - - - - - 42.08% (-)

Republic of the Philippines
MINISTRY OF PUBLIC HIGHWAYS
M a n i l a

MONTHLY CONSTRUCTION REPORT

for

Sub-project 1
Segment "B"

LIBMANAN BRIDGE-CABUSAO SECTION
Secondary Road

PUROBATYA-UBON NO. 103
LIBMANAN-PATAG-BARCELONITA NO. 104
Feeder Roads

NO: 22

JUNE, 1980

TECHNIKS GROUP CORPORATION

PROGRESS REPORT NO. 22
June, 1980

PROJECT: LIBMANAN BRIDGE-CABUSAO SECTION

CONTRACTOR: R. L. ULALI CONSTRUCTION CORPORATION

GENERAL

Because of the temporary suspension of work on all items granted the contractor, his activities were limited to the maintenance of road surfaces to make them passable.

WEATHER

Weather for this month was generally fair.

NOTE:

The Itemized Computed Accomplishment and the Bar Schedule of Work are revised and updated.

PHYSICAL ACCOMPLISHMENT (Accumulated as of report period)

A. SECONDARY ROAD:

1. Roads:

Subgrade - - - - - - - - - - - - - - - - 9.384 Kms.

Subbase - - - - - - - - - - - - - - - - 9.25 Kms.

Base - - - - - - - - - - - - - - - - - 9.25 Kms.

Pavement or surfacing - - - - - - 3,703.94 Sq. M.

2. Bridges:

Substructure - - - - - - - - - - - - - - 22.20 L.M. - 100%

Superstructure - - - - - - - - - - - - - 22.20 L.M. - 100%

B. FEEDER ROADS:

Feeder Road 103:

Roads:

Subgrade - - - - - - - - - - - - - 4.245 Kms.

Subbase - - - - - - - - - - - - 3.94 Kms.

Base - - - - - - - - - - - - - 2.39 Kms.

Bridges:

None

Feeder Road 104:

Roads:

Subgrade - - - - - - - - - - - - - 5.025 Kms.

Subbase - - - - - - - - - - - - - 4.6 Kms.

Base - - - - - - - - - - - - - - 3.52 Kms.

Bridges:

Substructure - - - - - - - - - - 24.00 L.M. - 100%

Superstructure - - - - - - - - - 24.00 L.M. - 100%

A-3-9

SECONDARY ROAD ---------- 9.335
FEEDER ROADS:
F.R. 103 ---------- 4.245
F.R. 104 ---------- 5.025
NET LENGTH -------- 18.605

ITEM NO.	DESCRIPTION	ESTIMATED % SCHEDULED	ACCOMPLISHED ITEM
1.60.1	FORCE ACCOUNT WORK	1.993	8.6
1.60.2	PROVIDE, MAINTAIN LABORATORY AND OFFICE FOR ENGINEER	0.432	9.3
1.60.3	PROVIDE ONE (1) UNIT 4-WHEEL DRIVE VEHICLE FOR ENGINEER	0.555	100.0
1.60.4	PROVIDE ONE (1) UNIT UTILITY VEHICLE FOR ENGINEER	0.255	100.0
1.60.5	LABORATORY AND OFFICE EQUIPMENT FOR ENGINEER	0.642	
100	CLEARING AND GRUBBING	0.145	100.0
103-1	REMOVAL OF BRIDGES (TIMBER BRIDGES)	0.038	100.0
103-2	REMOVAL OF CULVERTS	0.062	100.0
105	ROADWAY AND DRAINAGE EXCAVATION	3.873	100.0
105	ROADWAY AND DRAINAGE EXCAVATION (F.R. 104)	1.291	100.0
106	EXCAVATION FOR STRUCTURE	0.320	100.0
107	BORROW (F.R. 103)	1.991	57.1
107	BORROW	22.870	9.8
108	AGGREGATE SUBBASE (F.R. 103)	2.204	53.9
108	AGGREGATE SUBBASE	17.541	8.4
110	FOUNDATION FILL	0.151	100.0
111	OVERHAUL (300 M. FREE HAUL)	0.007	100.0
200	AGGREGATE BASE COURSE (GRADING "B")	0.064	
316	PORTLAND CEMENT CONCRETE PAVEMENT, 0.20 M. (8" THICK)	36.609	7.5
401	TIMBER (DETOUR) TRESTLE (SUPERSTRUCTURE ONLY) ON CPB	0.395	100.0
402-2.5	PRECAST CONCRETE PILES (PURO BATYA-BOTILLA BRIDGES)	1.540	100.0
402-2.5A	CONCRETE TEST PILES (FURNISH AND DRIVE)	0.450	100.0
403	CONCRETE RAILINGS	0.059	100.0
405	CONCRETE CLASS "A" (FOR HEADWALLS & MISC. STRUCTURES)	1.499	9.3
405-1	CONCRETE CLASS "A" (PURO BATYA AND BOTILLA BRIDGES)	0.732	100.0
406	REINFORCING STEEL (BRIDGES AND MISC. STRUCTURES)	1.051	100.0
407	STRUCTURAL STEEL (BOTILLA BRIDGE)	0.025	100.0
413-1	0.45 M. DIA. REINFORCED CONCRETE PIPE	0.132	76.2
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE	0.362	91.7
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	1.130	100.0
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE	1.036	100.0
500	RIPRAP AND GROUTED	0.142	100.0
502	COMBINATION CONC. CURB AND GUTTER (CURB ONLY)	0.057	
510	RIGHT-OF-WAY MARKERS	0.135	100.0
SPL-2	CONCRETE BARRIERS	0.179	
	TOTALS	100.00	

BAR SC
LIBMANAN E
(FIRST

AS-B

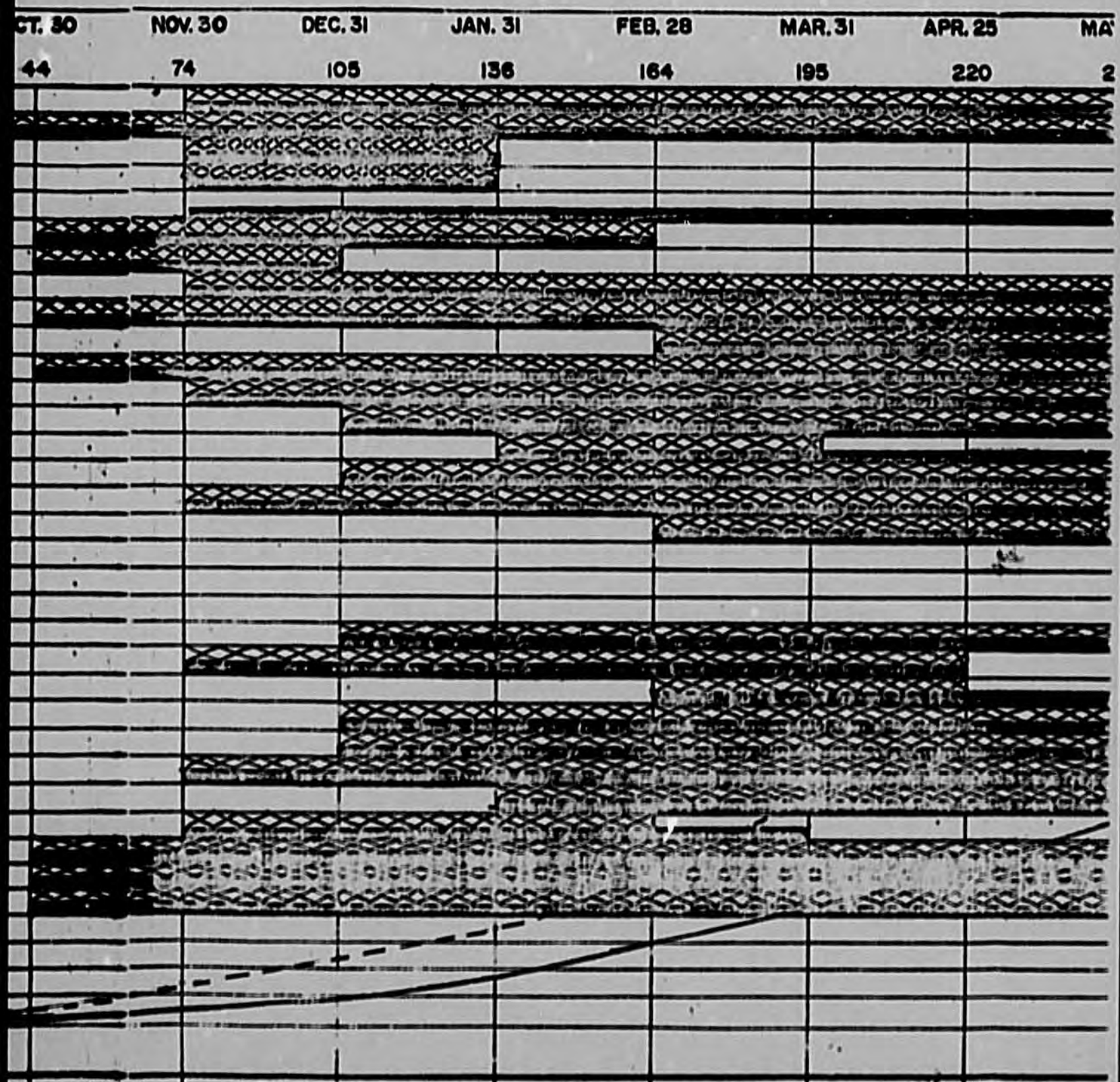
SEPTEMBER 18, 1978
START OF CONTRACT TIME

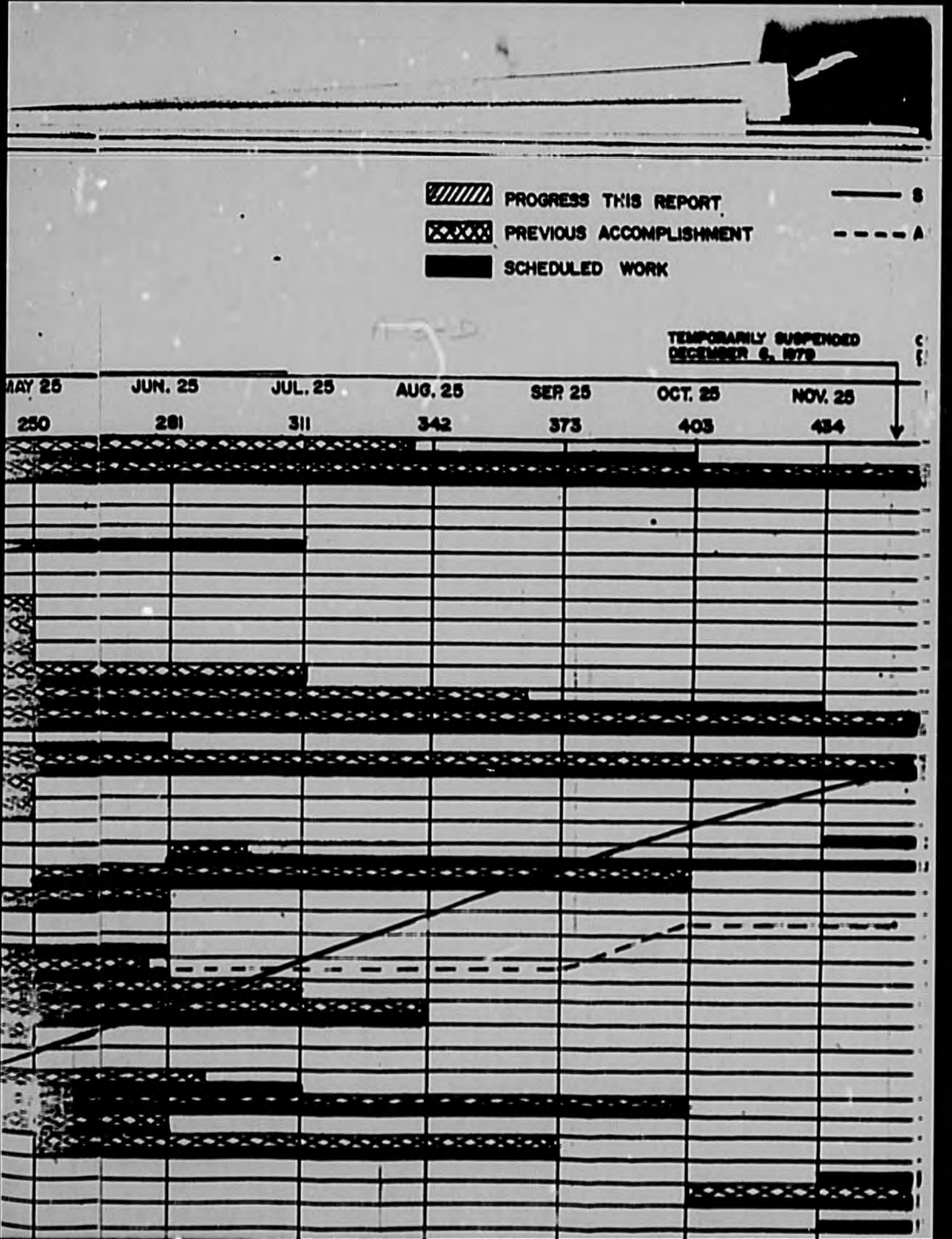
% WEIGHT ACCOMPLISHED ITEM	PROJ.	QUANTITY	UNIT COST	AMOUNT	SEP. 30 13	OCT. 30 44
8.65	1.646	22 Kms.	₱11,000.00	₱ 242,000.00		
5.32	0.403	15 Mos.	3,500.00	52,500.00		
100.00	0.535		Lump Sum	65,000.00		
100.00	0.255		Lump Sum	31,000.00		
			Lump Sum	78,000.00		
100.00	0.145	4.4 Ha.	4,000.00	17,600.00		
100.00	0.038	2 Ea.	2,300.00	4,600.00		
100.00	0.062	15 Ea.	500.00	7,500.00		
100.00	3.873	39,194 Cu.m	12.00	470,328.00		
100.00	1.291	9,620 Cu.m.	16.30	156,806.00		
100.00	0.378	2,552 Cu.m.	18.00	45,936.00		
81.11	7.346	10,990 Cu.m.	22.00	241,780.00		
9.21	16.639	115,725 Cu.m.	24.00	2,777,400.00		
53.90	1.188	5,820 Cu.m.	46.00	267,720.00		
8.49	14.119	44,380 Cu.m.	48.00	2,130,240.00		
100.00	0.151	381 Cu.m.	48.00	18,288.00		
100.00	0.007	2,782 Sq.m.	0.30	834.60		
		150 Cu.m.	52.00	7,800.00		
7.19	2.631	57,740 Sq.m.	77.00	4,445,980.00		
100.00	0.395	4 Spans.	12,000.00	48,000.00		
100.00	1.540	334 L.m.	560.00	187,040.00		
100.00	0.453	5 Ea.	11,000.00	55,000.00		
100.00	0.079	42 L.m.	170.00	7,140.00		
53.36	1.464	241 Cu.m.	750.00	180,750.00		
100.00	0.732	114 Cu.m.	780.00	88,920.00		
100.00	1.051	21,285 Kgs.	6.00	127,710.00		
100.00	0.025	240 Kgs.	13.00	3,120.00		
74.25	0.100	80 L.m.	200.00	16,000.00		
91.72	0.332	157 L.m.	280.00	43,960.00		
100.00	1.130	264 L.m.	520.00	137,280.00		
100.00	1.026	143 L.m.	880.00	125,840.00		
100.00	0.142	108 Cu.m.	160.00	17,280.00		
		150 L.m.	46.00	6,900.00		
100.00	0.135	328 Ea.	50.00	16,400.00		
		145 Ea.	150.00	21,750.00		
	59.31			₱12,144,402.60		
Y (30) DAY PERIODICAL ACCOMPLISHMENT					1,248.09	2,973.03

SCHEDULE OF WORK
N BRIDGE—CABUSAO SECTION

FIRST REVISION – JUNE, 1980)

A3-C




PROGRESS THIS REPORT
PREVIOUS ACCOMPLISHMENT
SCHEDULED WORK
S
A
TEMPORARILY SUSPENDED
DECEMBER 6, 1979
MAY 25
JUN. 25
JUL. 25
AUG. 25
SEP. 25
OCT. 25
NOV. 25
250
281
311
342
373
403
434

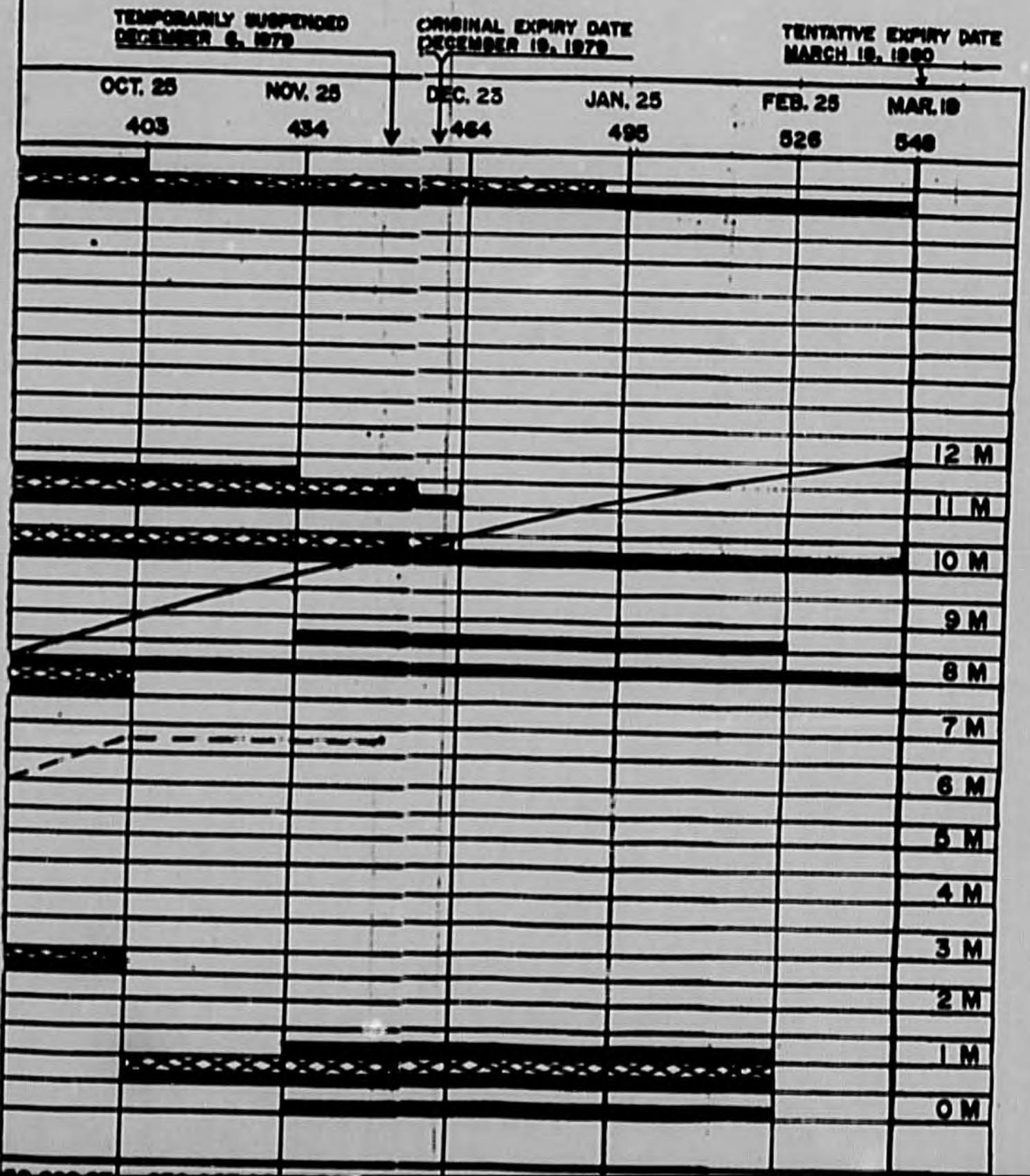
ANNEX "A-C"

THIS REPORT ——— SCHEDULED ACCOMPLISHMENT

ACCOMPLISHMENT - - - - ACTUAL ACCOMPLISHMENT

D WORK

A3-E



LIBMANAN BRIDGE-CABUSAO SECTION

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June 25, 1980

ANNEX "A-D"

Sheet 1 of 3

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	Value
	GENERAL						
1.60.1	FORCE ACCOUNT WORK	22 KM.	₱ 11,000.00/KM.	₱ 242,000.00	82.65	18.182 KM.	₱ 200,002.00
1.60.2	PROVIDE AND MAINTAIN LABORATORY AND OFFICE FOR ENGINEER	15 MOS.	3,500.00/MO.	52,500.00	93.33	14 MO.	49,000.00
1.60.3	PROVIDE ONE (1) UNIT 4-WHEEL DRIVE VEHICLE FOR ENGINEER	-	Lump Sum	65,000.00	100.00	-	65,000.00
1.60.4	PROVIDE ONE (1) UNIT UTILITY VEHICLE	-	Lump Sum	31,000.00	100.00	-	31,000.00
1.60.5	LABORATORY AND OFFICE FOR ENGINEER	-	Lump Sum	78,000.00	-	-	0
	ROADS, BRIDGES, AND DRAINAGE STRUCTURES (Secondary Road)						
100	CLEARING AND GRUBBING	1.90 HA.	4,000.00/HA.	7,600.00	100.00	1.90 HA.	7,600.00
103-1	REMOVAL OF BRIDGES (TIMBER BRIDGES)	2	2,300.00 EA.	4,600.00	100.00	2	4,600.00
103-2	REMOVAL OF CULVERTS	9	500.00 EA.	4,500.00	100.00	9	4,500.00
105	ROADWAY AND DRAINAGE EXCAVATION	5,034 CU.M.	12.00/CU.M.	60,408.00	100.00	5,034 CU.M.	60,408.00
106	EXCAVATION FOR STRUCTURES	1,830 CU.M.	18.00/CU.M.	32,940.00	100.00	1,830 CU.M.	32,940.00
107	BORROW	76,025 CU.M.	24.00/CU.M.	1,824,600.00	100.00	76,025 CU.M.	1,824,600.00
108	AGGREGATE SUBBASE	37,570 CU.M.	48.00/CU.M.	1,803,360.00	91.62	34,422.36 CU.M.	1,652,273.20
110	FOUNDATION FILL	280 CU.M.	48.00/CU.M.	13,440.00	100.00	280 CU.M.	13,440.00
111	OVERHAUL	2,782 STA.M.	.30/STA.M.	834.60	100.00	2,782 STA.M.	834.60
316-2	PORTLAND CEMENT CONCRETE PAVEMENT (0.20 M. (8") THICK)	37,740 SQ.M.	77.00/SQ.M.	4,445,980.00	7.19	1,149.979SQ.M.	319,548.38
402-2.5	PRECAST CONCRETE PILES (PUROBATYA-BOTILLA BRIDGES)	204 L.M.	560.00/L.M.	114,240.00	100.00	204 L.M.	114,240.00
402-2.5A	CONCRETE TEST PILE	3	11,000.00 EA.	33,000.00	100.00	3	33,000.00
403	CONCRETE RAILINGS	42 L.M.	170.00/L.M.	7,140.00	100.00	42 L.M.	7,140.00
405	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	110 CU.M.	750.00/CU.M.	82,500.00	96.48	106.06 CU.M.	79,545.00
405-1	CONCRETE CLASS (FOR BRIDGES)	100 CU.M.	780.00/CU.M.	78,000.00	100.00	100 CU.M.	78,000.00
406	REINFORCING STEEL	12,833 KG.	6.00/KG.	76,998.00	100.00	12,833 KG.	76,998.00
407	STRUCTURAL STEEL (BOTILLA BRIDGE)	240 KGS.	13.00/KG.	3,120.00	100.00	240 KGS.	3,120.00
413-1	0.46 M. ø REINFORCED CONCRETE PIPE	80 L.M.	200.00/L.M.	16,000.00	76.25	61 L.M.	12,200.00
413-2	0.60 M. ø REINFORCED CONCRETE PIPE	129 L.M.	280.00/L.M.	36,120.00	89.92	116 L.M.	32,480.00
413-3	0.90 M. ø REINFORCED CONCRETE PIPE	164 L.M.	520.00/L.M.	85,280.00	100.00	164 L.M.	85,280.00
413-4	1.20 M. ø REINFORCED CONCRETE PIPE	87 L.M.	880.00/L.M.	76,560.00	100.00	87 L.M.	76,560.00

ANNEX "A-D"

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June 25, 1980

LIBMANAN BRIDGE-CABUSAO SECTION

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	Value
500	RIPRAP AND GROUTED	108 CU.M.	P 160.00/CU.M.	P 17,280.00	100.00	108 CU.M.	P 17,280.00
502	COMBINATION CONCRETE CURB & GUTTER (CURB ONLY)	150 L.M.	46.00/L.M.	6,900.00	-	-	0
510	RIGHT-OF-WAY MARKERS	112	50.00 EA.	5,600.00	100.00	112	5,600.00
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Feeder Road 103 - PuroBatya-Uson)						
100	CLEARING AND GRUBBING	2.50 HA.	4,000.00/HA.	10,000.00	100.00	2.50 HA.	10,000.00
103-2	REMOVAL OF CULVERTS	2	500.00 EA.	1,000.00	100.00	2	1,000.00
105	ROADWAY AND DRAINAGE EXCAVATION	34,160 CU.M.	12.00/CU.M.	409,920.00	100.00	34,160 CU.M.	409,920.00
106	EXCAVATION FOR STRUCTURES	552 CU.M.	18.00/CU.M.	9,936.00	100.00	552 CU.M.	9,936.00
107	BORROW	10,990 CU.M.	22.00/CU.M.	241,780.00	81.11	8,914.17 CU.M.	196,111.75
108	AGGREGATE SUBBASE	5,820 CU.M.	46.00/CU.M.	267,720.00	53.90	3,137.25 CU.M.	144,313.50
110	FOUNDATION FILL	81 CU.M.	48.00/CU.M.	3,888.00	100.00	81 CU.M.	3,888.00
200	AGGREGATE BASE COURSE (GRADING "B")	150 CU.M.	52.00/CU.M.	7,800.00	0	0	0
405	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	101 CU.M.	750.00/CU.M.	75,750.00	100.00	101 CU.M.	75,750.00
406	REINFORCING STEEL	6,182 KGS	6.00/KG.	37,092.00	100.00	6,182 KGS.	37,092.00
413-2	0.60 M. Ø REINFORCED CONCRETE PIPE	8 L.M.	280.00/L.M.	2,240.00	100.00	8 L.M.	2,240.00
413-3	0.90 M. Ø REINFORCED CONCRETE PIPE	40 L.M.	520.00/L.M.	20,800.00	100.00	40 L.M.	20,800.00
413-4	1.20 M. Ø REINFORCED CONCRETE PIPE	46 L.M.	880.00/L.M.	40,480.00	100.00	46 L.M.	40,480.00
510	RIGHT-OF-WAY MARKERS	120	50.00 EA.	6,000.00	100.00	120	6,000.00
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Feeder Road 104 - Libmanan-Patag-Barcelonita)						
103-2	REMOVAL OF CULVERTS	4	500.00 EA.	2,000.00	100.00	4	2,000.00
105	ROADWAY AND DRAINAGE EXCAVATION	9,620 CU.M.	16.30/CU.M.	156,806.00	100.00	9,620 CU.M.	156,806.00
106	EXCAVATION FOR STRUCTURES	170 CU.M.	18.00/CU.M.	3,060.00	100.00	170 CU.M.	3,060.00
107	BORROW	39,700 CU.M.	24.00/CU.M.	952,800.00	93.63	37,171 CU.M.	892,104.24
108	AGGREGATE SUBBASE	6,810 CU.M.	48.00/CU.M.	326,880.00	19.09	1,300.02 CU.M.	62,400.96
110	FOUNDATION FILL	20 CU.M.	48.00/CU.M.	960.00	100.00	20 CU.M.	960.00
401	TIMBER (DETOUR) TRESTLE (SUPER-STRUCTURE ONLY)	4 SPANS	12,000.00/SPAN	48,000.00	100.00	4 SPANS	48,000.00
402-2.5	PRECAST CONCRETE PILES (PUROBATYA-BOTILLA BRIDGES)	130 L.M.	560.00/L.M.	72,800.00	100.00	130 L.M.	72,800.00
402-2.5A	CONCRETE TEST PILES (FURNISH AND DRIVE)	2	11,000.00 EA.	22,000.00	100.00	2	22,000.00

ANNEX "A-D"

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June 25, 1980

LIBMANAN BRIDGE-CABUSAO SECTION

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	Value
405	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	30 CU.M.	₱ 750.00/CU.M.	₱ 22,500.00	100.00	30 CU.M.	₱ 22,500.00
405-1	CONCRETE CLASS "A" (BRIDGES)	14 CU.M.	780.00/CU.M.	10,920.00	100.00	14 CU.M.	10,920.00
406	REINFORCING STEEL	2,270 KG.	6.00/KG.	13,620.00	100.00	2,270 KG.	13,620.00
413-2	0.60 M. ø REINFORCED CONCRETE PIPE	20 L.M.	280.00/L.M.	5,600.00	100.00	20 L.M.	5,600.00
413-3	0.90 M. ø REINFORCED CONCRETE PIPE	60 L.M.	520.00/L.M.	31,200.00	100.00	60 L.M.	31,200.00
413-4	1.20 M. ø REINFORCED CONCRETE PIPE	10 L.M.	880.00/L.M.	8,800.00	100.00	10 L.M.	8,800.00
510	RIGHT-OF-WAY MARKERS	96	50.00 EA.	4,800.00	100.00	96	4,800.00
SPL	CONCRETE BARRIERS	145	150.00 EA.	21,750.00	0	0	0
	TOTAL			₱12,144,402.60			₱7,202,291.63

Republic of the Philippines
MINISTRY OF PUBLIC HIGHWAYS
M a n i l a

MONTHLY CONSTRUCTION REPORT

For

Sub-project 3
Contract Package No. 1

CALABANGA-MANGUIRING BRIDGE SECTION
Secondary Road

LABOG-BINANUAAN NO. 301
MANGUIRING-CAMUNING NO. 302
Feeder Roads

NO. 19

JUNE 1980

TECHNICS GROUP CORPORATION

PROGRESS REPORT NO. 19

June 1980

PROJECT: CALABANGA-MANGUIRING BRIDGE SECTION
(Sub-Project 3, Contract Package No. 1)

CONTRACTOR: KAMAGONG BUILDERS AND DEVELOPERS CORPORATION

1. GENERAL:

This nineteenth monthly report covers the progress of construction for the month of June 1980.

The construction activities are as follows:

a) Survey Work

b) Earthwork Operation

c) Formworks, cutting, bending and placing reinforcing steel bars for the box culverts

d) Fabrication and installation of R.C. Pipes

e) Sampling and testing of construction materials

f) Undertaking field density test

2. WEATHER:

Due to unworkable condition on the site caused by heavy rains, work was suspended on May 26, June 20-23, 1980 or a total of five (5) days. The weather condition for the rest of the month is generally fair, with cloudy sky in the afternoon and scattered showers.

3. MOBILIZATION:

The Contractor has not yet completed the mobilization of equipment and personnel needed by the project, as of to-date. Some of the equipment intended for this project, such as bulldozers, graders, rollers, and dump trucks are being utilized in other projects. Idle equipment available at the Contractor's compound could not be mobilized due to lack of equipment operators.

The present equipment available at the site is shown in the List of Equipment, Annex "B-B".

The Contractor's Staff consist of forty three (43) men, shown in the List of Personnel, with their respective designation and assignment.

As of to-date, the Contractor has not made any improvement in the Laboratory, or supply additional equipment.

4. PROGRESS OF WORK:

The total work accomplished to-date is 48.38%, while the time elapsed is already 81.06%. Time suspension due to bad weather was already considered in this report.

A. SECONDARY ROAD:

Survey Work:

1. Checking the subbase from Sta. 0 + 500 to Sta. 1 + 000.
2. Establishing the horizontal and vertical control of R.C. Box Culvert at Sta. 4 + 028.

Earthwork:

Item 103 - REMOVAL OF CULVERTS:

One half of the two lines of the existing R.C. Pipe Culverts (1.20 M.Ø) had been removed at Sta. 4 + 028, to be replaced by two cells box culvert.

Item 106 - EXCAVATION FOR STRUCTURES:

After establishing the center line and elevation, the Contractor started the excavation for the box culvert at Sta. 4 + 028. As of this report, only the right lane had been completed.

Item 108 - AGGREGATE SUBBASE (CLASS "A")

The Contractor continue hauling, spreading and compacting subbase materials from Sta. 0 + 000 to Sta. 0 + 600.

Stockpiling of subbase materials are still in progress at the road section from Sta. 0 + 600 to Sta. 1 + 000.

Item 406 - REINFORCING STEEL (FOR DRAINAGE AND MISCELLANEOUS STRUCTURES)

The Contractor has completed the cutting and bending of reinforcing steel bar for the R.C. Box Culvert at Sta. 4 + 028.

B. FEEDER ROADS:

B.1 - Feeder Road 301:

Survey:

1. Re-establishing the center line and the slope stakes at the following road sections:

   Sta. 8 + 000 to Sta. 9 + 000

   Sta. 9 + 775 to Sta. 10 + 000

2. Establishing the horizontal and vertical control of the R.C. Pipe Culvert at Sta. 8 + 425.

Earthwork:

Item 105 - ROADWAY AND DRAINAGE EXCAVATION

For this item of work, the contractor continued the roadway excavation at the road sections from Sta. 9 + 700 to Sta. 10 + 000, utilizing one bulldozer, one payloader and one dump truck.

The road section, from the beginning of the feeder road to Sta. 1 + 000 is being reshaped by the road grader, preparatory to the placing of additional subbase materials.

Item 106 - EXCAVATION FOR STRUCTURES

The Contractor was able to complete the excavation for structure at Sta. 8 + 425 for the installation of R.C. Pipe Culvert.

Item 110 - FOUNDATION FILL:

After being checked and found to be correct by our surveyor the excavation for structure at the above mentioned station, granular foundation fill material was placed and compacted.

Drainage Structures:

Item 405 - CONCRETE CLASS "A" (FOR DRAINAGE AND MISCELLANEOUS STRUCTURE)

During the month, the Contractor was able to complete the left headwall of the R.C. Box Culvert at Sta. 9 + 775.

Item 413-2 - 0.60 M.Ø REINFORCED CONCRETE PIPE

One line of reinforced concrete pipe culvert was installed with concrete collar at Sta. 8 + 425.

B.2 - Feeder Road 302:

Survey:

Checking the subbase from Sta. 4 + 800 to Sta. 5 + 000.

Earthwork:

Item 108 - AGGREGATE SUBBASE (CLASS "A")

The Contractor resumed the hauling, spreading and compacting subbase materials on the road section from Sta. 4 + 800 to Sta. 5 + 000.

5. MATERIALS TESTING AND CONTROL:

The laboratory and field test for materials quality control undertaken by Contractor's laboratory staff under the supervision of the A & E Materials Engineer during this month were as follows:

Grading Analysis	10
Plastic and Liquid Limit Determination	10
Laboratory Compaction Test	10
Field Density Test	3
Concrete Cylinder Samples Taken	2

Total number of RCF fabricated during this month

1.20 M.Ø	5
0.90 M.Ø	3
0.60 M.Ø	4

6. ACCOMPLISHMENT OF MAJOR ITEMS (Accumulated as of this period)

A. Secondary Road:

Subgrade:

Sta. 0 + 000 to Sta. 1 + 000	Completed
Sta. 1 + 000 to Sta. 2 + 050	Partial
Sta. 2 + 050 to Sta. 3 + 500	Completed

Sta. 3 + 500 to Sta. 4 + 200 - - - - - Partial

Sta. 4 + 200 to Sta. 6 + 000 - - - - - Completed

Sta. 6 + 000 to Sta. 7 + 300 - - - - - Partial

Sta. 7 + 300 to Sta. 9 + 700 - - - - - Completed

Subbase:

Sta. 0 + 000 to Sta. 1 + 000 - - - - - Partial

Sta. 2 + 050 to Sta. 3 + 500 - - - - - Partial

Sta. 4 + 200 to Sta. 6 + 000 - - - - - Partial

Sta. 7 + 300 to Sta. 9 + 700 - - - - - Partial

Base - None

Surfacing (Bituminous Surface Treatment) - None

Structures:

R.C. Box Culvert - - - - - - - Two (2) Under Construction

R.C. Pipe Culvert (No Headwalls yet)

ITEM NO.	DESCRIPTION	% ACCOMPLISHED
413-2	0.60 M.Ø = 52 L.M.	64.20
413-3	0.90 M.Ø = 44 L.M.	83.02
413-4	1.20 M.Ø = 35 L.M.	22.15

B. Feeder Road 301:

Subgrade:

Sta. 0 + 013.05 to Sta. 7 + 500 - - - Completed

Sta. 7 + 500 to Sta. 12 + 913.28 - - Partial

Subbase:

Sta. 0 + 013.05 to Sta. 7 + 500 - - - - Partial

Structures:

R.C. Box Culvert - - - - - - Two (2) Completed

R.C. Box Culvert - - - - - - - One (1) Under Construction

R.C. Pipe Culvert (No Headwalls yet)

ITEM NO.	DESCRIPTION	% ACCOMPLISHED
413-2	0.60 M.Ø = 79 L.M.	61.47
413-4	1.20 M.Ø = 24 L.M.	21.81

C. Feeder Road 302:

Subgrade:

Sta. 0 + 014.72 to Sta. 5 + 297.93 - - - Completed

Subbase:

Sta. 0 + 014.72 to Sta. 5 + 297.93 - - - Partial

Structures:

R.C. Pipe Culvert (No Headwalls yet)

ITEM NO.	DESCRIPTION	% ACCOMPLISHED
413-2	0.60 M.Ø = 18 L.M.	100
413-4	1.20 M.Ø = 26 L.M.	100

7. COMMENT AND RECOMMENDATION:

The progress of work during the month is quite very slow due to lack of equipment and five (5) unworkable days caused by heavy rains. Considering the time suspension due to bad weather still negative slippage of the Contractor has accumulated to 35.84%.

The following recommendations were repeatedly given to the Contractor to accelarate the construction activities, in order to overcome the negative slippage.

1. Bring in more equipment to the project, especially bulldozers, road graders, payloaders, rollers, water trucks and dump trucks.
2. Speed-up the repair of broken down equipment and hire additional equipment operators so that the idle equipment available at the project site could be mobilized.
3. Hire more skilled laborers and competent Foreman, so that the remaining cross drainage culverts could be completed at the earliest possible time.
4. Work overtime on the hauling and stockpiling of subbase materials, giving priority to the Secondary Road.

PROJECT: CALABANGA-MANGUIRING BRIDGE SECTION
(Sub-Project 3, Contract Package No. 1)

WEATHER REPORT

Date - 1980		Weather Condition	Remarks	Time Extension Recommended
May	26	Cloudy with scattered rain	Unworkable	1 day
	27	Fair	Workable	None
	28	Fair	-do-	-do-
	29	Fair	-do-	-do-
	30	Fair	-do-	-do-
	31	Fair	-do-	-do-
June	1	Fair	-do-	-do-
	2	Cloudy with scattered rain	-do-	-do-
	3	Cloudy	-do-	-do-
	4	Fair	-do-	-do-
	5	Fair	-do-	-do-
	6	Fair	-do-	-do-
	7	Fair	-do-	-do-
	8	Fair	-do-	-do-
	9	Cloudy with scattered rain	-do-	-do-
	10	Fair	-do-	-do-
	11	Fair	-do-	-do-
	12	Fair	-do-	-do-
	13	Fair	-do-	-do-
	14	Fair	-do-	-do-
	15	Fair	-do-	-do-
	16	Fair	-do-	-do-
	17	Fair	-do-	-do-
	18	Fair	-do-	-do-
	19	Fair	-do-	-do-
	20	Heavy Rain	Unworkable	1 day
	21	Rainy	Unworkable	1 day
	22	Cloudy with scattered rain	Unworkable	1 day
	23	Cloudy	Unworkable	1 day
	24	Cloudy to Fair	Workable	None
	25	Fair	Workable	None

TIME EXTENSION RECOMMENDED THIS MONTH - - - - - - - - - - - - - - - - - - - 5 days

TIME EXTENSION RECOMMENDED PREVIOUSLY - - - - - - - - - - - - - - - - - - - 57 days

GRAND TOTAL TO DATE - 62 days

CALABANGA-MANGUIRING BRIDGE SECTION
(Sub-Project 3, Contract Package No. 1)
Bo. Paolbo, Calabanga, Camarines Sur

LIST OF PERSONNEL

(As of June 25, 1980)

	NAME	DESIGNATION
1.	Ramon Bautista	Project Manager
2.	Remegio Espada	Administrative Officer
3.	Emiliano Galvez	Mechanical Engineer
4.	Nemesio Heramis	Project Engineer
5.	Moises Mariano	Geodetic Engineer
6.	Salve Tarrobago	Materials Engineer
7.	Crispin Aboga	Construction Foreman
8.	Jean Chavez	C.E. Aide
9.	Onofre Ponce	Timekeeper/Warehouseman
10.	Edelberto Linga	Service Driver
11.	Benjamin de Leon	Janitor
12.	Victorio Boragay jr.	Laboratory Aide
13.	Felix Gutierrez	Laboratory Aide
14.	Armando Florendo	Actg. Instrumentman
15.	Romeo Manalo	Survey Aide
16.	Galicano Saquido	Survey Aide
17.	Tomas Otordoz	Driver
18.	Benjamin Arenas	Driver
19.	Dasinador Temporal	Driver
20.	Rogelio Collada	Driver
21.	Vicente Pron	Grader Operator
22.	Felino Vale	Loader Operator
23.	Alejandro Pareño	Back Hoe Operator
24.	Rosento Macario	Dozer Operator
25.	Socimo Arandia	Dozer Operator
26.	Jose Bacanto	Chief Mechanic
27.	Alfonso Calleja Sr.	Mechanic
28.	Rolando Mullion	Mechanic
29.	Jesus Magno	Mechanic
30.	Barnido Camu	Auto Electrician
31.	Daniel Capagas	Tireman
32.	Paquito Daz	Foreman R.C.B.C.
33.	Menicio Bico	Timekeeper
34.	Fermin Molina	Leadman (Fabrication)
35.	Francisco Yauzguiza	Carpenter
36.	Juvencio Benaraso	Carpenter
37.	Mateo Buela	Steeman
38.	Elias Magabon	Steelman
39.	Ernesto San Andres	Steeman
40.	Reynaldo Paular	Laborer
41.	Norman Pular	Laborer
42.	Ernesto Molena	Laborer

One (1) Security Guard from PEFTOK

SUBMITTED BY:

(SGD.) NEMESIO D. HERAMIS
Project Engineer

KANAGONG BUILDERS AND DEVELOPERS CORP.
CALABANGA-MANGUIRING BRIDGE SECTION
(Sub-Project 3, Contract Package No. 1)
Bo. Paolbo, Calabanga, Camarines Sur

LIST OF EQUIPMENT
(As of June 25, 1980)

	TYPE	MODEL	SERIAL NO.
1.	Motor Grader	Komatsu	
2.	Bulldozer	Caterpillar D7E	48A1226
3.	Bulldozer	Caterpillar D7E - 110	
4.	Compactor	CH-44	
5.	Payloader	Caterpillar 920	
6.	Water Truck	REO 6x6	
7.	Excavator	Ford	
8.	Dump Truck	Hino KB-100	IK 10
9.	Dump Truck	Hino KM-100	IK 12
10.	Dump Truck	Hino KB-100	25656
11.	Dump Truck	Hino KM-100	IK 11
12.	Concrete vibrator	Bridge Straton	
13.	Welding Machine	Hobart	
14.	2 units one (1) Bagger Mixer	Bridge Straton	119045-14-2

SUBMITTED BY:

(SGD.) NEMESIO D. HERMIS
Project Engineer

SECONDARY ROAD ——————— 9.904 KMS.
FEEDER ROAD NO.301 ————12.900 KMS.
FEEDER ROAD NO.302 ————5.283 KMS.
NET LENGTH ————————28.087 KMS.

ITEM NO.	DESCRIPTION	ESTIMAT SCHEDULE
1.60.2	PROVIDE & MAINTAIN LABORATORY & OFFICE FOR ENGINEER	0.5120
1.60.3	PROVIDE 1-UNIT 4-WHEEL DRIVE VEHICLE FOR ENGINEER	0.6968
1.60.6	LABORATORY & OFFICE EQUIPMENT FOR ENGINEER	1.0582
100	CLEARING AND GRUBBING	0.0256
103-2	REMOVAL OF CULVERT (RCPC) SECONDARY & FEEDER ROAD 301 FEEDER ROAD 302	0.0926
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	4.8881
105-3	ROADWAY AND DRAINAGE EXCAVATION	25.4683
106	EXCAVATION FOR STRUCTURE	0.4331
107	BORROW	4.6656
108	AGGREGATE SUBBASE CLASS "A"	25.9422
110	FOUNDATION FILL	0.1509
111	OVERHAUL (500 M. FREE HAUL)	0.0109
200	CRUSHED AGGREGATE BASE COURSE (GRADING "B")	8.2456
203-2	SOIL ASPHALT BASE COURSE	2.0026
302-1	MEDIUM CURING CUTBACK ASPHALT (MC-1) FOR BIT. COAT	2.5707
305-1	COVER MATERIAL FOR BITUMINOUS SEAL COAT	0.0300
305-3	EMULSIFIED ASPHALT GRADE-SS, FOR BITOMINOUS SEAL COAT	0.1639
314-1	AGGREGATE MATERIALS FOR BST (HOT ASPHALT TYPE)	1.5758
314-3	85-100 PENETRATION ASPHALT CEMENT FOR BST	5.1916
405-1	CONCRETE CLASS "A" (FOR DRAINAGE AND MISC. STRUCTURE)	7.2730
406	REINFORCING STEEL FOR DRAINAGE AND MISC. STRUCTURE	5.8306
412	STONE MASONRY	0.0086
413-2	0.60 M DIA. REINFORCED CONCRETE PIPE	0.7873
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	0.3317
413-4	1.20 M. DIA REINFORCED CONCRETE PIPE	1.7506
501	RIGHT-OF-WAY MARKER	0.3241
	TOTAL	100.00

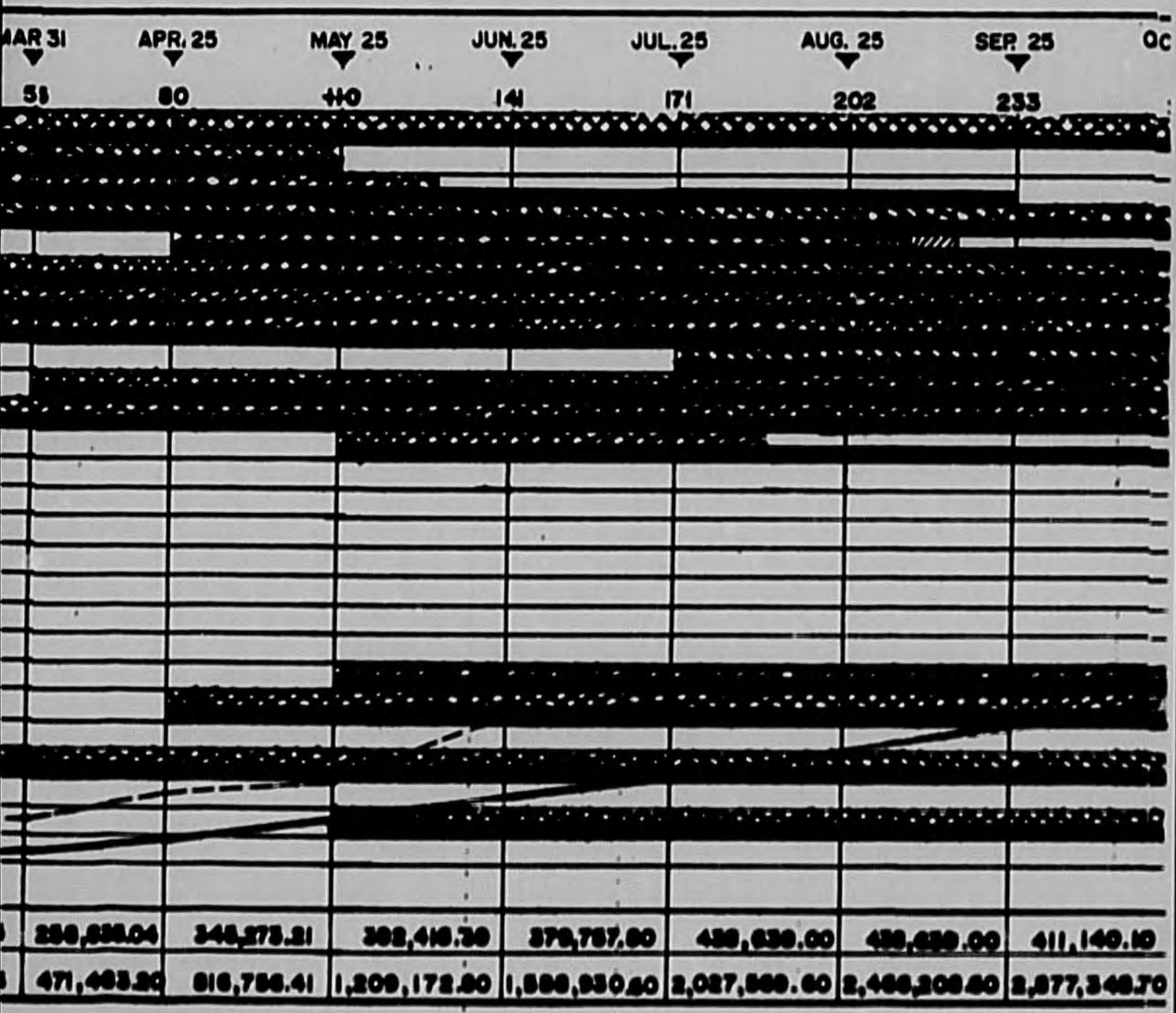
THIRTY (30) DA
CUMULATIVE TO

FEB. 5, 1979
START OF
CONTRACT TIME

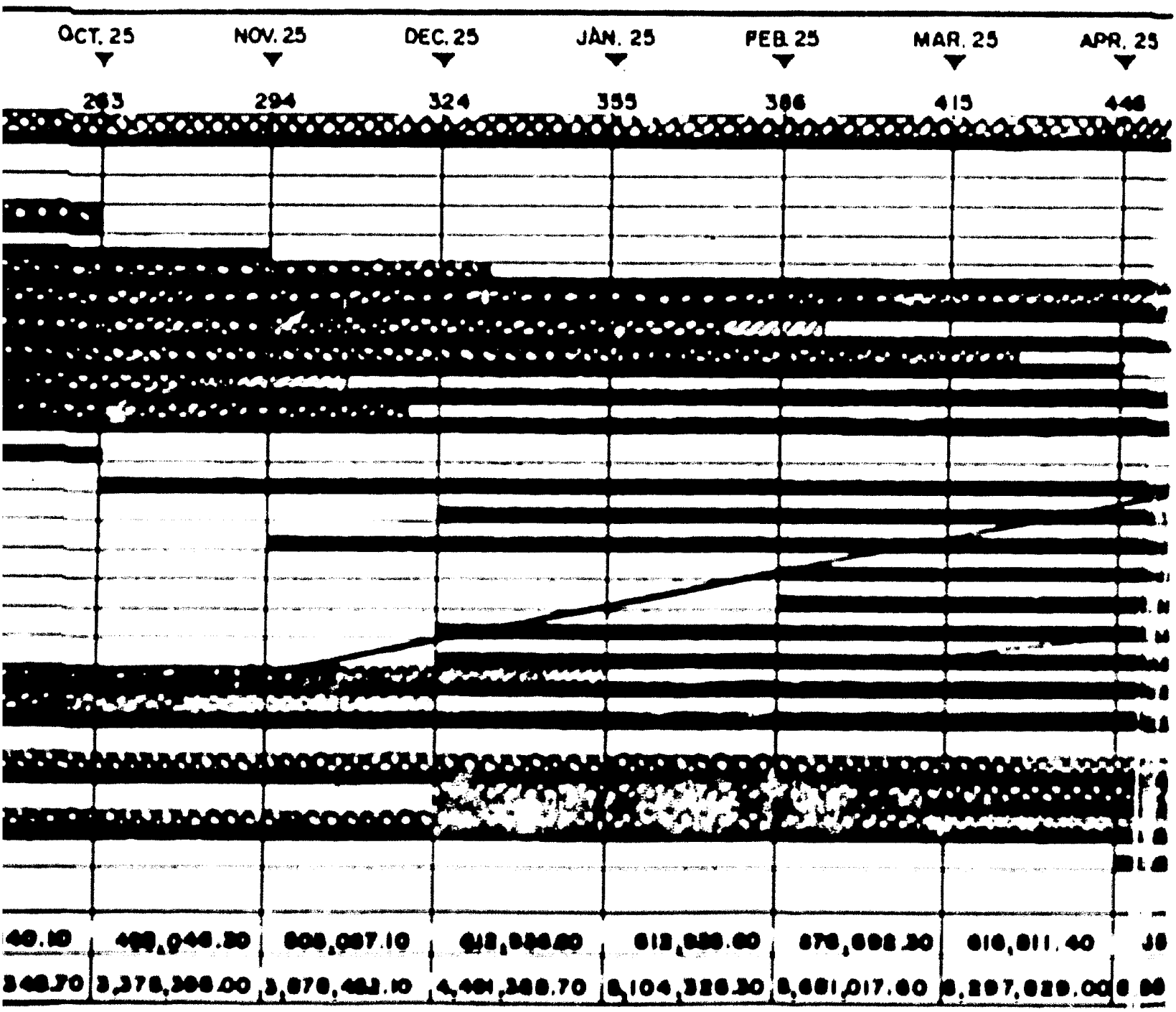
D % WEIGHT ACCOMPLISHED		QUANTITY	UNIT COST	AMOUNT	FEB. 28	MAR 31
ITEM	PROJECT				24	51
[illegible]	[illegible]	18 MOS.	LUMP SUM	₱ 45,000.00		
100.00	[illegible]		LUMP SUM	61,240.70		
[illegible]	[illegible]		LUMP SUM	93,000.00		
[illegible]	[illegible]	0.5 HA.	4,500.00	2,250.00		
[illegible].70	0.0618	[illegible] EA.	[illegible]	8,130.00		
[illegible]	[illegible]	26,850 CU.M.	16.00	429,600.00		
[illegible].55	20.0066	91,810 CU.M.	24.38	2,238,327.80		
59.82	0.2330	1,730 CU.M.	22.00	38,060.00		
[illegible]	[illegible]	12,060 CU.M.	34.00	410,040.00		
39.82	10.9309	48,510 CU.M.	47.00	2,279,970.00		
[illegible]	[illegible]	250 CU.M.	53.00	13,250.00		
[illegible]	[illegible]	3,200 STA.M.	0.30	960.00		
		13,420 CU.M.	54.00	724,680.00		
		4,000 CU.M.	44.00	176,000.00		
		102 M.T.	2,215.00	225,930.00		
		24 CU.M.	110.00	2,640.00		
		6 M.T	2,400.00	14,400.00		
		1,385 CU.M.	100.00	138,500.00		
		201 M.T.	2,270.00	456,270.00		
57.13	3.7912	940 CU.M.	680.00	639,200.00		
53.54	9.1217	78,835 KGS.	6.50	512,428.00		
		3 CU.M.	250.00	750.00		
	[illegible]	208 L.M.	320.00	66,560.00		
[illegible]	[illegible]	53 L.M.	550.00	29,150.00		
[illegible]	[illegible]	181 L.M.	850.00	153,850.00		
		712 EA.	40.00	28,480.00		
	42.36			₱8,788,666.		
PERIODICAL ACCOMPLISHMENT					[illegible]	197,766.55	251
AL AMOUNT						212,648.16	471

BAR SCHEDULE OF WORK
OF
CALABANGA–MANGUIRING BRIDGE SE(

REVISED AS OF MAY 1980, FIRST REVISION



SECTION


OCT. 25
NOV. 25
DEC. 25
JAN. 25
FEB. 25
MAR. 25
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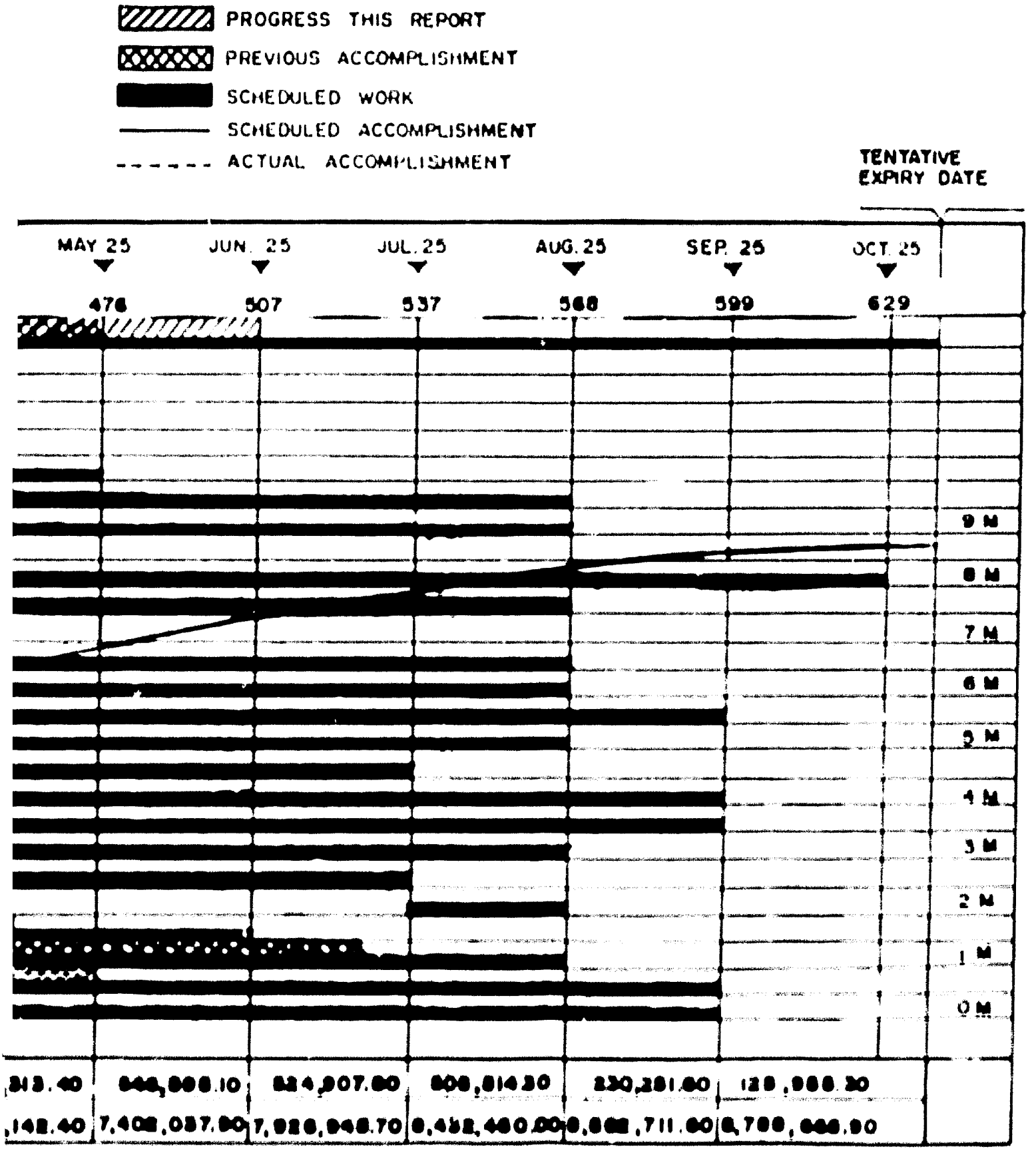
ANNEX "B C"


PROGRESS THIS REPORT
PREVIOUS ACCOMPLISHMENT
SCHEDULED WORK
SCHEDULED ACCOMPLISHMENT
ACTUAL ACCOMPLISHMENT
TENTATIVE EXPIRY DATE
MAY 25
JUN. 25
JUL. 25
AUG. 25
SEP. 25
OCT. 25
476
507
537
568
599
629
9 M
8 M
7 M
6 M
5 M
4 M
3 M
2 M
1 M
0 M

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of June 25, 1980)

ANNEX "B-D"

CALABANGA-NAGCHIRING BRIDGE SECTION

Sheet 1 of 3

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	QUANTITY/ VOLUME	VALUE
	GENERAL						
1.60.2	PROVIDE AND MAINTAIN LABORATORY AND OFFICE FOR ENGINEER	18 MOS.	2,500.00/MO	45,000.00	83.33	15 MOS	37,500.00
1.60.3	PROVIDE ONE (1) UNIT 4-WHEEL DRIVE VEHICLE FOR ENGINEER	-	LUMP SUM	61,240.70	100.00	-	61,240.70
1.60.6	LABORATORY AND OFFICE EQUIPMENT FOR ENGINEER	-	LUMP SUM	93,000.00	50.00	-	46,500.00
	SUB TOTAL			199,240.70			P 145,740.70
	ROAD AND DRAINAGE STRUCTURES (Secondary Road)						
103-2	REMOVAL OF CULVERTS	14 EA.	450.00	6,300.00	64.28	9 EA.	4,050.00
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	1,030 CU.M.	16.00/CU.M.	16,480.00	75.24	775 CU.M.	12,400.00
105-3	ROADWAY AND DRAINAGE EXCAVATION	27,640 CU.M.	24.38/CU.M.	673,863.20	77.33	21,375 CU.M.	521,122.50
106	EXCAVATION FOR STRUCTURES	610 CU.M.	22.00/CU.M.	13,420.00	77.87	475 CU.M.	10,450.00
107	B OBOW	12,060 CU.M.	34.00/CU.M.	410,040.00	92.45	11,150 CU.M.	379,100.00
108	AGGREGATE SUBBASE CLASS "A"	23,270 CU.M.	47.00/CU.M.	1,093,690.00	43.83	10,200 CU.M.	479,400.00
110	FOUNDATION FILL	90 CU.M.	53.00/CU.M.	4,770.00	24.44	22 CU.M.	1,166.00
111	OVERHAUL (300M. FREEHAUL)	3,200STA.M.	0.30/STA.M.	960.00	50.00	1,600 STA.M.	480.00
200	CRUSHED AGGREGATE BASE COURSE (GRADING "B")	13,420 CU.M.	54.00/CU.M.	724,680.00	0	0	0
302-1	MEDIUM CURING CUTBACK ASPHALT (GRADING MC-1) FOR BITUMINOUS PRIME COAT	102 M.T.	2,215.00/M.T.	225,930.00	0	0	0
314-1	AGGREGATE MATERIALS FOR BST (HOT ASPHALT TYPE)	1,385 CU.M.	100.00/CU.M.	138,500.00	0	0	0
314-3	85-100 PENETRATION ASPHALT CEMENT FOR BITUMINOUS SURFACE TREATMENT	201 M.T.	2,270.00/M.T.	456,270.00	0	0	0
405	CONCRETE CLASS "A" (FOR DRAINAGE & MISCELLANEOUS STRUCTURES	340 CU.M.	680.00/CU.M.	231,200.00	11.18	38 CU.M.	25,840.00

ANNEX "B-D"

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of June 25, 1980)

CALABANGA-MANGUIRING BRIDGE SECTION

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT: Percentage Based on Bid Quantities	COMPUTED ACCOMPLISHMENT: Quantity/Volume	COMPUTED ACCOMPLISHMENT: VALUE
	ROAD AND DRAINAGE STRUCTURES (Feeder Road 302, Manguiring-Camuning)						
103-2	REMOVAL OF CULVERTS	3 EA.	450.00/EA.	1,350.00	66.67	2 EA.	900.00
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	6,140 CU.M.	16.00/CU.M.	98,240.00	65.15	4,000 CU.M.	64,000.00
105-3	ROADWAY AND DRAINAGE EXCAVATION	9,660 CU.M.	24.38/CU.M.	235,510.80	53.83	5,200 CU.M.	126,776.00
106	EXCAVATION FOR STRUCTURES	100 CU.M.	22.00/CU.M.	2,200.00	50.00	50 CU.M.	1,100.00
108	AGGREGATE SUBBASE (CLASS "A")	7,100 CU.M.	47.00/CU.M.	333,700.00	39.69	2,818 CU.M.	132,446.00
110	FOUNDATION FILL	20 CU.M.	53.00/CU.M.	1,060.00	80.00	16 CU.M.	848.00
405	CONCRETE CLASS "A" (FOR DRAINAGE AND MISCELLANEOUS STRUCTURES)	40 CU.M.	680.00/CU.M.	27,200.00	0	0	0
406	REINFORCING STEEL (DRAINAGE AND MISCELLANEOUS STRUCTURES)	90 KG.	650.00/KG.	585.00	0	0	0
413-2	0.60 M.Ø REINFORCED CONCRETE PIPE	18 L.M.	320.00/L.M.	5,760.00	100.00	18 L.M.	5,760.00
413-4	1.2[illegible] M.Ø REINFORCED CONCRETE PIPE	26 L.M.	850.00/EA.	22,100.00	100.00	26 L.M.	22,100.00
510	RIGHT-OF-WAY MARKERS	174 EA.	40.00/EA.	6,960.00	0	0	0
	SUB TOTAL			P 734,665.80			P 35[illegible],930.00
	T O T A L -			8,788,666.90			4,252,3[illegible].68

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of June 25, 1980)

ANNEX "B-D"

CALABANGA-MANGUIRING BRIDGE SECTION

Sheet 2 of 3

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	VALUE
406	REINFORCING STEEL (FOR DRAINAGE & MISCELLANEOUS STRUCTURES)	29,189 KG.	6.50/KG.	189,729.00	20.73	6,050 KG.	39,325.00
412	STONE MASONRY	3 CU.M.	250.00/CU.M.	750.00	0	0	0
413-2	0.60 M.Ø REINFORCED CONCRETE PIPE	81 L.M.	320.00/L.M.	25,920.00	64.20	52 L.M.	16,640.00
413-3	0.60 M.Ø REINFORCED CONCRETE PIPE	53 L.M.	550.00/L.M.	29,150.00	83.02	44 L.M.	24,200.00
413-4	1.20 M.Ø REINFORCED CONCRETE PIPE	45 L.M.	850.00/L.M.	38,250.00	22.15	35 L.M.	29,750.00
510	RIGHT-OF-WAY MARKERS	158 EA.	40.00/EA.	6,320.00	0	0	0
	SUB TOTAL			₱4,286,222.20			₱ 1,543,923.50
	ROAD AND DRAINAGE STRUCTURES (Feeder Road 301, Labog-Binmanan)						
100	CLEARING AND GRUBBING	0.50 HA.	4,500.00/HA.	2,250.00	100.00	0.50 HA.	2,250.00
103-2	REMOVAL OF CULVERTS (RCPC)	1 EA.	480.00/EA.	480.00	100.00	1 EA.	480.00
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	19,680 CU.M	16.00/CU.M	314,880.00	62.74	12,348 CU.M	197,568.00
105-3	ROADWAY AND DRAINAGE EXCAVATION	54,510 CU.M	24.38/CU.M	1,328,953.80	83.55	45,546 CU.M	1,110,411.48
106	EXCAVATION FOR STRUCTURES	1,020 CU.M	22.00/CU.M	22,440.00	39.80	406 CU.M	8,932.00
108	AGGREGATE SUBBASE (CLASS "A")	18,140 CU.M	47.00/CU.M	852,580.00	43.73	6,300 CU.M	296,100.00
110	FOUNDATION FILL	140 CU.M	53.00/CU.M	7,420.00	66.43	93 CU.M	4,929.00
203-2	SOIL ASPHALT BASE COURSE	4,000 SQ.M	44.00/SQ.M	176,000.00	0	0	0
305-1	COVER MATERIALS FOR BITUMINOUS SEAL COAT	24 CU.M	110.00/CU.M	2,640.00	0	0	0
305-3	EMULSIFIED ASPHALT GRADE, SS FOR BITUMINOUS SEAL COAT	6 M.T.	2,400.00/M.T.	14,400.00	0	0	0
405	CONCRETE CLASS "A" (FOR DRAINAGE AND MISCELLANEOUS STRUCTURES)	560 CU.M	680.00/M.T.	380,800.00	80.71	452 CU.M	307,360.00
406	REINFORCING STEEL (DRAINAGE AND MISCELLANEOUS STRUCTURES)	49,556 KG.	6.50/KG.	322,114.00	72.96	30,574 Kg.	198,731.00
413-2	0.60 M.Ø REINFORCED CONCRETE PIPE	109 L.M.	320.00/L.M.	34,880.00	72.48	11,168 (50%)	36,296.00
413-4	1.20 M.Ø REINFORCED CONCRETE PIPE	110 L.M.	850.00/L.M.	93,500.00	21.82	79 L.M.	25,280.00
510	RIGHT-OF-WAY MARKERS	380 EA.	40.00/EA.	15,200.00		24	20,400.00
	SUB TOTAL			₱ 3,568,537.80		0	0
							₱ 2,208,737.48

Republic of the Philippines
MINISTRY OF PUBLIC HIGHWAYS
M a n i l a

MONTHLY CONSTRUCTION REPORT

For

Sub-project 3
Contract Package No. 3

SEVEN BRIDGES, CALABANGA-TINAMBAC ROAD

NO. 17

JUNE, 1980

TECHNIKS GROUP CORPORATION

PROGRESS REPORT NO. 17
JUNE, 1980

PROJECT: SEVEN (7) BRIDGES, CALAMBANGA-TINAMBAC ROAD
(Sub-project 3, Contract Package No. 3)

CONTRACTOR: A. L. SARMIENTO CONSTRUCTION

SUMMARY OF PROJECT

As of this period, the project has no accomplishment. All construction works were stopped since December, 1979. A letter request for termination of the project was filed by the Contractor last January 15, 1980 and the Project Management Office also issued a communication suspending the construction supervision of the above project, effective March 1, 1980.

Preliminary inventory of all Balance Item of Work based on contract unit price and cost analysis of current unit price was made. A total of 39.1% of the project is still unaccomplished.

The project as of this report is 5.40% behind schedule, where time extension due to bad weather is already considered.

PHYSICAL ACCOMPLISHMENT (accumulated as of report period)

a. Substructure - - - - - - - - - - - - - - - - 1008 L.M. (R.C. Piles)

b. Superstructure - - - - - - - - - - - - - - - 54 L.M.

1. Mangairing Bridge - - - - - - - - - - - - - 30 L.M.

2. Cut-Off Bridge - - - - - - - - - - - - - - - 24 L.M.

NOTE: Complete termination of this contract has now been officially approved by MPH.

MANGUIRING BRIDGE ---- 30.60 M.
CUT-12 BRIDGE ------- 24.60 M.
TUMULOS BRIDGE ----- 15.60 M.
TIGUIB BRIDGE ------ 12.60 M.
KAWAYAN BRIDGE ----- 36.60 M.
HUBO BRIDGE ------- 15.60 M.
WITIWIT BRIDGE ----- 15.60 M.

NET LENGTH -------- 151.20 M.

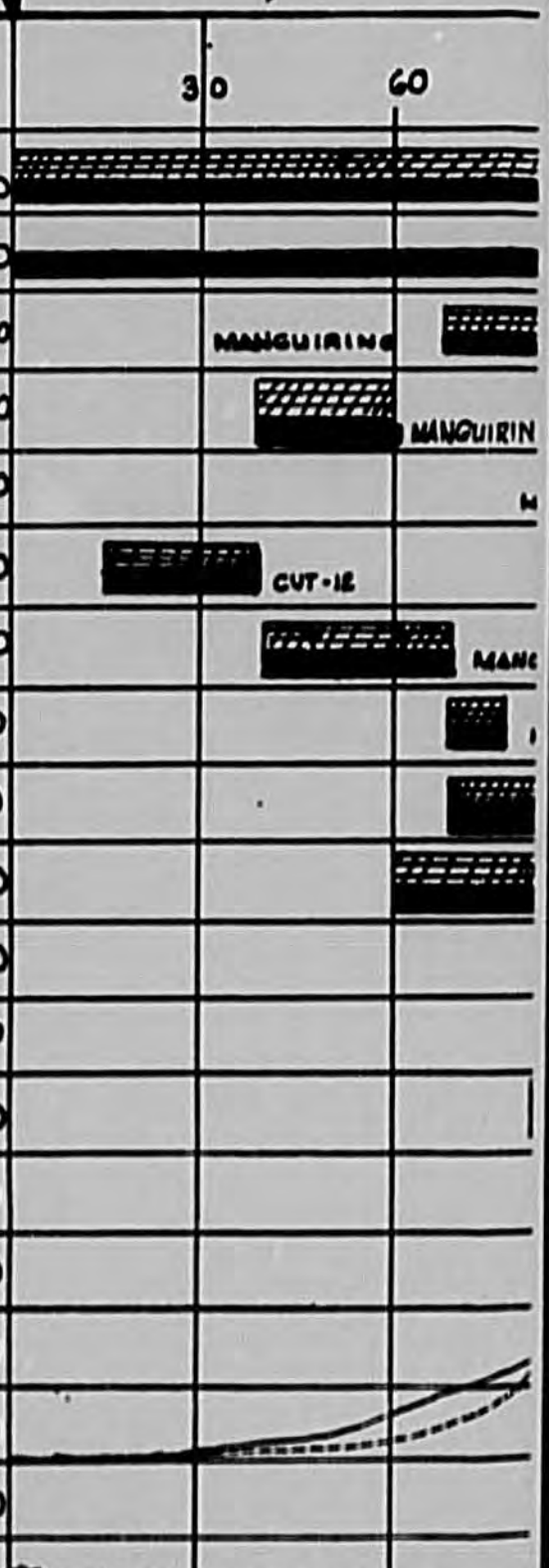
ITEM NO.	DESCRIPTION
1.60.1	FORCE ACCT. WORK (REPAIR & MAINTENANCE OF EQUIP. CUT12 BF
1.60.2	MAINTENANCE & REPAIR OF LAB. AND OFFICE FOR ENGG
401	TIMBER DETOUR SPAN
103.1	REMOVAL OF BRIDGES
402-25a	REINFORCE CONCRETE TEST PILE 12.00M
402-25b	REINFORCE CONCRETE TEST PILE 14.00M
402-25	REINFORCE CONCRETE PILE
106-2	EXCAVATION FOR STRUCT. (ABOVE WATER LEVEL
106-3	EXCAVATION FOR STRUCT. (BELOW WATER LEVE
406	REINFORCING STEEL
407	STRUCTURAL STEEL
405	CONCRETE CLASS "A"
405-1	CONCRETE CLASS "A"
105	ROADWAY AND DRAINAGE EXCAVATION
403	CONCRETE RAILING
107	BORROW
500	GROUTED RIPRAP
	TOTAL

THIR
CU

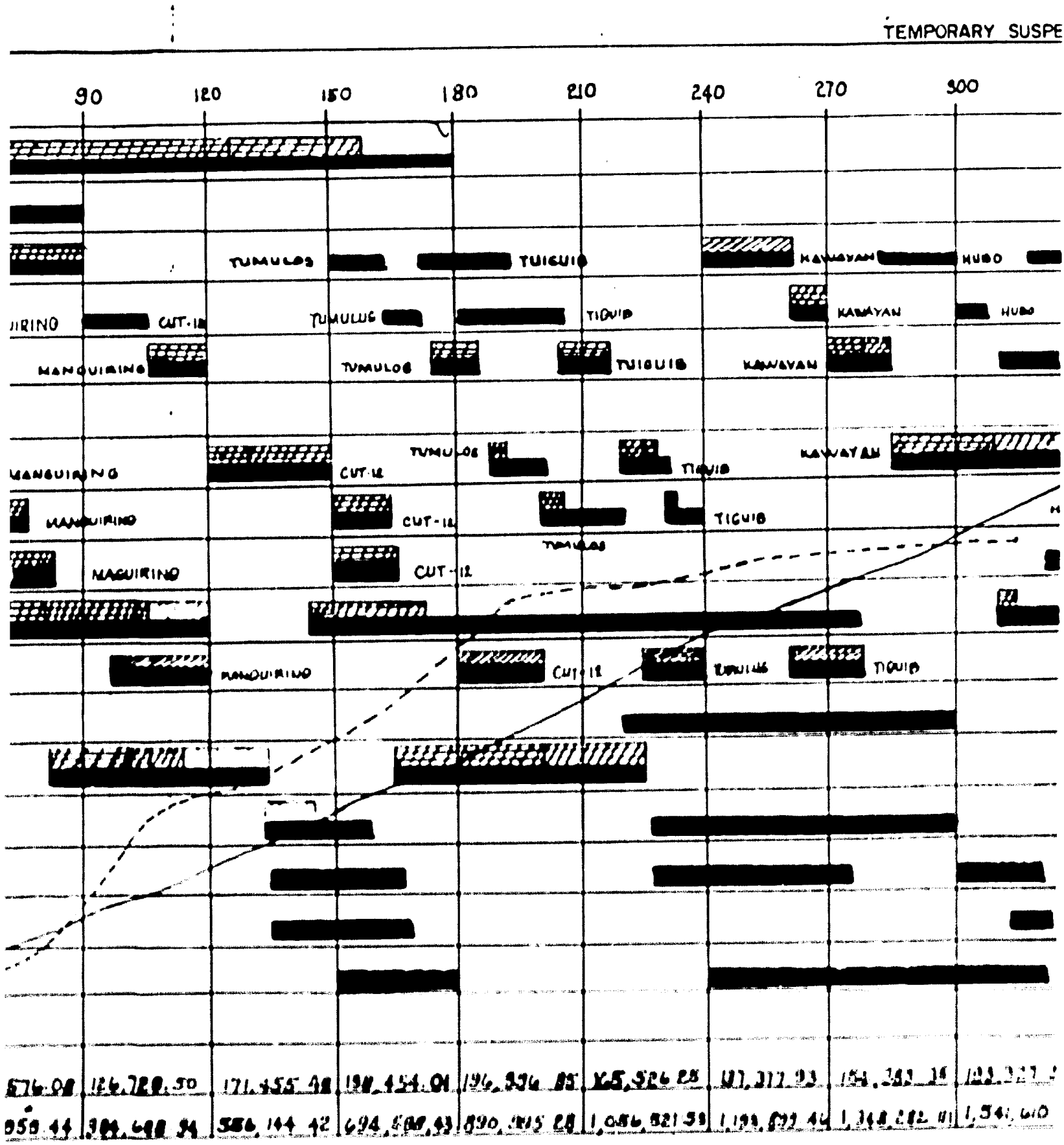
BAR SCH
SEVEN BRIDGES C

FEBRUARY 15, 1978
START OF CONTRACT TIME

	ESTIMATED % WT. SCHEDULED	ACCOMPLISH ITEM	ACCOMPLISH PROJECT	QUANTITY	UNIT COST	AMOUNT
BR.	1.8647	100	1.8647	1	LUMP SUM	₱90,000.00
NGR	0.4196		—	3 MO.	₱3,000.00	9,000.00
	7.4589	50	3.729	16 SPANS	10,000.00	160,000.00
	1.6316	[illegible]	.4661	7	5,000.00	35,000.00
M	4.1956	80.[illegible]	3.356	10	9,000.00	90,000.00
M	1.4685	66.67	0.979	3	10,500.00	31,500.00
	29.7423	[illegible]	22.30	1,160 L.M	550.00	638,000.00
EVEL)	0.1056	22.[illegible]	0.041	103 M³	22.00	2,266.00
EVEL)	0.1268	100	0.1268	68 M³	40.00	2,720.00
	20.9415	48.06	10.06	83,188 KG	5.40	449,215.20
	1.5337	76.57	1.171	2,632	12.50	32,900.00
	8.6984	—	—	262.8 M³	710.00	186,588.00
	16.1928	76.27	12.23	423.6 M³	820.00	347,352.00
N	0.7981	[illegible]	0.15	856 M³	20.00	17,120.00
	1.6447	24.73	[illegible]	294 L.M	120.00	35,280.00
	0.3578	—	—	307 M³	25.00	7,675.00
	2.8194	7.93	0.222	504 M²	120.00	60,480.00
	100.0000		57.3[illegible]			₱2,145,026.20
HIRTY (30) DAY PERIODICAL ACCOMPLISHMENT						
UMULATIVE TOTAL AMOUNT						



HEDULE OF WORK
CALABANGA - TINAMBAC SECTION



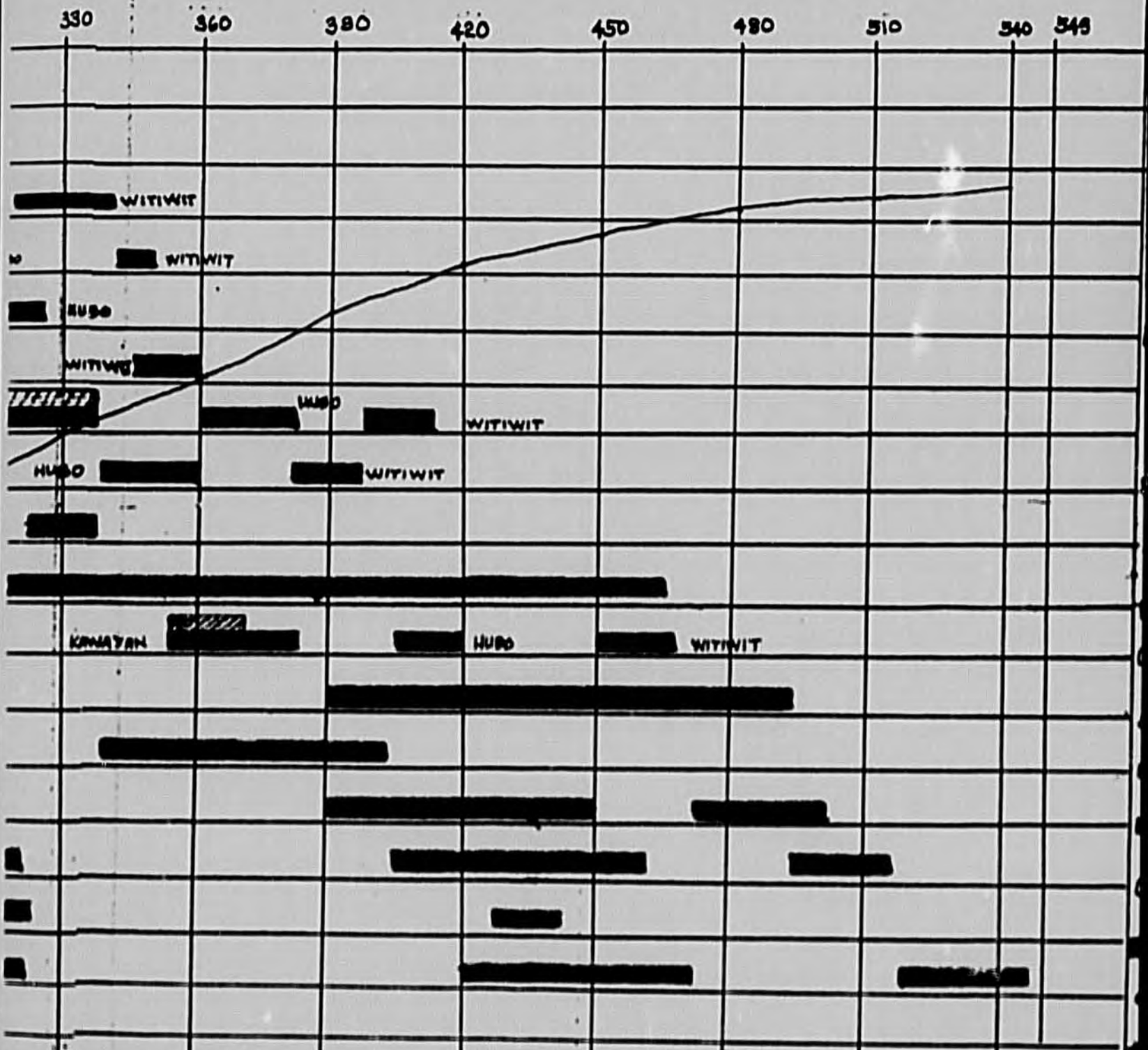
ANNEX "C-C"

LEGEND:

→ PREVIOUS ACCOMPLISHMENT
→ PROGRESS THIS REPORT
→ SCHEDULED WORK
→ SCHEDULED ACCOMPLISHMENT
→ ACTUAL ACCOMPLISHMENT

AUGUST 18, 1980
EXPIRY DATE

USPENDED MARCH 1, 1980



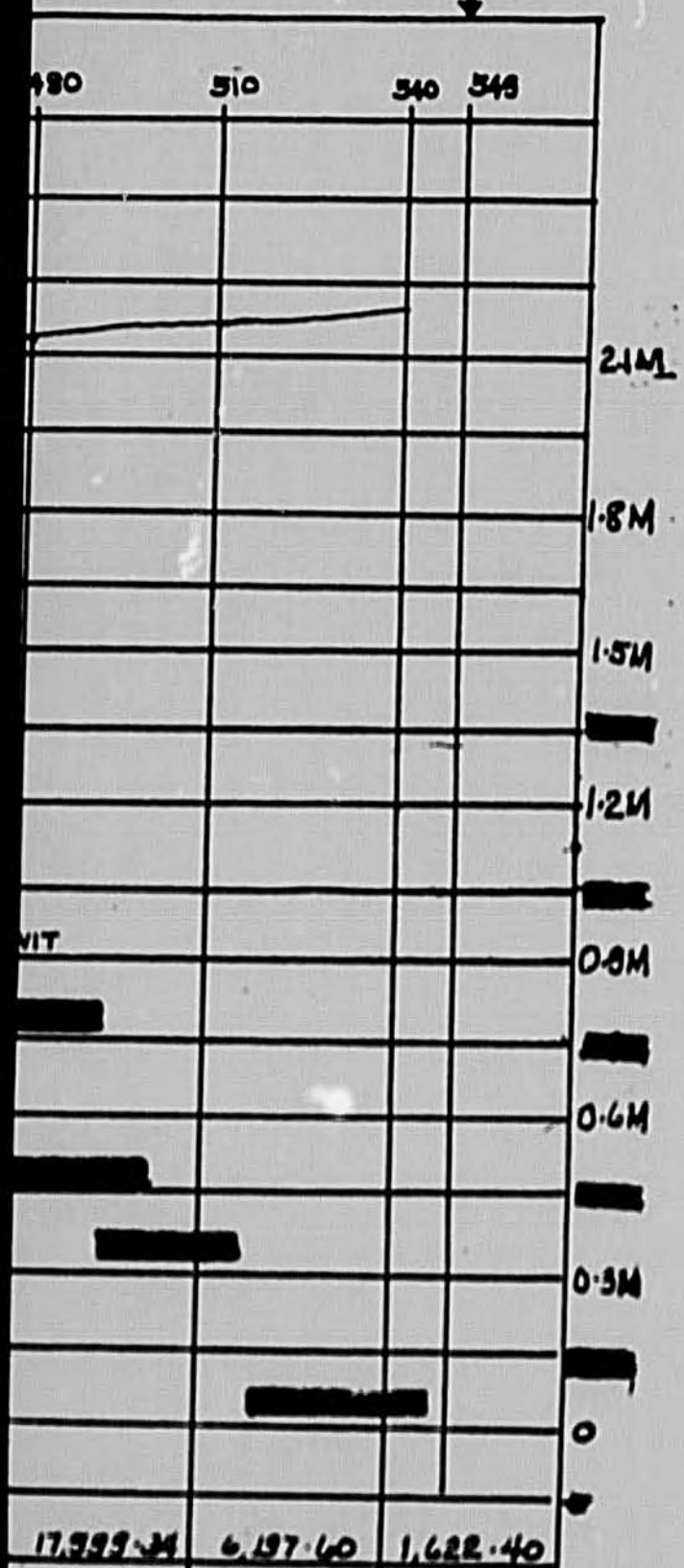
1.52	182,163.29	180,709.91	105,947.40	87,313.18	61,532.75	17,999.34	6,197.60	1,622.40
40.33	1,688,773.62	1,864,483.53	1,970,430.93	2,057,744.11	2,119,276.86	2,137,276.20	2,143,473.80	2,145,096.20

C-2

C-3

ANNEX "C-C"

AUGUST 18, 1980
EXPIRY DATE



17,999·34	6,197·60	1,622·40
2,137,276·20	2,145,473·80	2,145,096·20

C-2

SEVEN (7) BRIDGES, CALABANGA-TINAMBAC SECTION

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June 25, 1980

ANNEX "C-D"

Sheet 1 of 1

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Voume	Value
1.60.1	FORCE ACCOUNT WORK (REPAIR AND MAINTENANCE OF EXISTING CUT-12 BRIDGE	₱40,000.00	LUMP SUM	₱ 40,000.00	100.00	-	₱ 40,000.00
1.60.2	MAINTENANCE AND REPAIR OF LABORATORY AND OFFICE FOR ENGINEER	3 MO.	3,000.00/MO.	9,000.00	-	-	-
103-1	REMOVAL OF BRIDGE	7	5,000.00 EA.	35,000.00	28.57	3	15,000.00
105	ROADWAY AND DRAINAGE EXCAVATION	856 CU.M.	20.00/CU.M.	17,120.00	18.92	56 CU.M.	1,120.00
106-2	EXCAVATION FOR STRUCTURES (ABOVE WATER LEVEL)	103 CU.M.	22.00/CU.M.	2,266.00	38.83	30 CU.M.	660.00
106-3	EXCAVATION FOR STRUCTURES (BELOW WATER LEVEL)	68 CU.M.	40.00/CU.M.	2,720.00	100.00	68 CU.M.	2,720.00
107	BORROW	307 CU.M.	52.00/CU.M.	7,675.00	-	-	-
401	TIMBER DETOUR SPAN	16 SPANS	10,000.00/SPAN	160,000.00	50.00	8 SPANS	80,000.00
402-2.5	REINFORCED CONCRETE PILE	1,160 L.M.	550.00/L.M.	638,000.00	83.79	1,008 L.M.	554,400.00
402-2.5a	REINFORCED CONCRETE TEST PILE (12 M.)	10	9,000.00 EA.	90,000.00	80.00	8	72,000.00
402-2.5b	REINFORCED CONCRETE TEST PILE (14 M.)	3	10,500.00 EA.	31,500.00	66.67	2	21,000.00
403	CONCRETE RAILING	294 L.M.	120.00/L.M.	35,280.00	36.73	108 L.M.	12,960.00
405	CONCRETE, CLASS "A" WITHOUT PIER	262.8CU.M.	710.00/CU.M.	186,588.00	-	-	-
405-1	CONCRETE, CLASS "A" WITH PIER	423.6 CU.M.	820.00/CU.M.	347,352.00	76.27	323.10 CU.M.	264,942.00
406	REINFORCING STEEL, GRADE 40	83,188 KG.	5.40/KG.	449,215.20	48.06	39,786 KG.	214,844.40
407	STRUCTURAL STEEL	2,632 KG.	12.50/KG.	32,900.00	76.37	1,676 KG.	20,950.00
500	GROUTED RIPRAP	504 CU.M.	120.00/CU.M.	60,480.00	7.93	47 CU.M.	5,640.00
	TOTAL			₱2,145,096.20			₱1,306,236.40

NOTE: Item 402-2.5 - There is a total overrun of 199 L.M. for RC Piles.

Republic of the Philippines
MINISTRY OF PUBLIC HIGHWAYS
M a n i l a

MONTHLY CONSTRUCTION REPORT

For

Sub-project 3
Contract Package No. 2

MANGUIRING BRIDGE-TINANDAC SECTION

NO. 16

JUNE , 1980

TECHNICS GROUP CORPORATION

PROGRESS REPORT NO. 16

June 1980

PROJECT: MANGUIRING BRIDGE-TINAMBAC SECTION
(Sub-Project 3, Contract Package No. 2)

CONTRACTOR: KAMAGONG BUILDERS & DEVELOPERS CORP.

I. GENERAL

The construction activities of the Contractor during this period consisted of the following:

A. Secondary Road

1. Construction Survey
2. Roadway and drainage excavation
3. Embankment
4. Materials testing and control

B. Feeder Road

Construction Survey.

II. WEATHER

The weather condition during this period was generally good except for five (5) days unworkable ground conditions caused by rains as shown in the attached Weather Report.

III. MOBILIZATION

The Contractor's personnel and equipment are shown in his List of Personnel, Annex "D-A", and in his List of Equipment, Annex "D-B".

IV. PROGRESS OF WORK

The present status of the project is as follows:

A. % Accomplishment - - - - - 23.37%

B. % Time Elapsed - - - - - - 69.03%

C. Slippage - - - - - - - - - - 52.69% (-)

ROADS AND DRAINAGE STRUCTURES

A. NANGUIRING BRIDGE-TINAMBAC SECTION (SECONDARY ROAD)

CONSTRUCTION SURVEY

1. Volume computation of original ground cross-section data from Sta. 22 + 000 to Sta. 23 + 700.
2. Checked alignment from Sta. 17 + 116.71 to Sta. 18 + 207.90; from Sta. 18 + 556.55 to Sta. 19 + 175.
3. Checked and established grade elevation for subgrade from Sta. 16 + 875 to Sta. 18 + 200, from Sta. 18 + 250 to Sta. 19 + 175; from Sta. 19 + 350 to Sta. 20 + 100; and from Sta. 20 + 150 to Sta. 20 + 800.

EARTHWORK

Item 105-3: ROADWAY AND DRAINAGE EXCAVATION

Roadway and drainage excavation was performed at the following stations:

Sta. 18 + 725 - Sta. 19 + 200

Sta. 19 + 350 - Sta. 19 + 925

Sta. 20 + 500 - Sta. 20 + 700

About 6,445 cubic meters of Item 105-3, Roadway and Drainage Excavation, were accomplished.

B. HUBO - BALAO ROAD (FEEDER ROAD 303)

CONSTRUCTION SURVEY

Cross-sectioning of original ground from Sta. 1 + 125 to Sta. 1 + 925.

V. MATERIALS TESTING AND CONTROL

Activities during this period are the following:

1. For Item 105-3

   a) Sieve analysis - - - - - - - - - 2

   b) Liquid Limit Determination - - - 2

   c) Plastic Limit Determination - - 2

   d) Laboratory Compaction Test - - - 2

   e) Field Density Test - - - - - - - 0

2. For Item 405-2.2

   a) Sieve analysis - - - - - - - - - - 1

   b) Wash on # 200 Sieve - - - - - - 1

3. Collected samples of Item 108.

PHYSICAL ACCOMPLISHMENT (Accumulated as of this period)

SECONDARY ROAD:

SUBGRADE - - - - - - 4.025 kms.

SUBBASE - - - - - - 1.025 kms.

COMMENTS AND RECOMMENDATIONS

Four (4) electric posts located at Sta. 17 + 050, Sta. 17 + 250, Sta. 18 + 975 and Sta. 19 + 200 are within the construction limits but have not been transferred until now. The roadway and drainage excavation on these sections are incompleted because of the presence of these electric posts thereat.

The Contractor has no activity on the drainage structures for this period. Problems arise during and after heavy rains when the roadway are affected by surface run off due to lack of drainage outlets. Priority of construction activities should be given to drainage structures.

The attention of the Contractor has been invited to the List of Minimum Essential Equipment Required of the Contractor for the Project. As of this date, the Contractor has not complied with the said List and this adversely affected the progress of construction.

The landowner, whose land from Sta. 19 + 350 to Sta. 20 + 100 is affected by the widening on both sides, put up "NO TRESPASSING PRIVATE PROPERTY" signs at Sta. 19 + 350 and at Sta. 20 + 100. The Kawayan detour timber bridge was closed to the traveling public from June 22 to June 25, 1980.

PROJECT: MANGUIRING BRIDGE-TINAMBAC SECTION
(Sub-Project 3, Contract Package No. 2)

WEATHER REPORT

Date - 1980		Weather Condition	Remarks	Time Extension Recommended
May	26	Cloudy	Workable	None
	27	Good	-do-	-do-
	28	Good	-do-	-do-
	29	Good	-do-	-do-
	30	Good	-do-	-do-
	31	Cloudy	-do-	-do-
June	1	Fair	Workable	None
	2	Heavy rain in late P.M.	-do-	-do-
	3	Rainy	Unworkable	1 day
	4	Fair	Workable	None
	5	Cloudy	-do-	-do
	6	Cloudy with light rain	-do-	-do-
	7	Cloudy	-do-	-do-
	8	Cloudy	-do-	-do-
	9	Cloudy	-do-	-do-
	10	Cloudy	-do-	-do-
	11	Cloudy	-do-	-do-
	12	Cloudy	-do-	-do-
	13	Fair	-do-	-do-
	14	Fair	-do-	-do-
	15	Fair	-do-	-do-
	16	Fair	-do-	-do-
	17	Fair	-do-	-do-
	18	Cloudy	-do-	-do-
	19	Cloudy	-do-	-do-
	20	Rainy	Unworkable	1 day
	21	Rainy	-do-	1 day
	22	Cloudy	-do-	1 day
	23	Cloudy	-do-	1 day
	24	Cloudy	Workable	None
	25	Good	-do-	-do-

TIME EXTENSION RECOMMENDED THIS MONTH - - - - - - - - - - - 5 days

TIME EXTENSION RECOMMENDED PREVIOUSLY - - - - - - - - - - - 00 days (corrected)

GRAND TOTAL TO DATE - 99 days

KAMAGONG BUILDERS & DEVELOPERS CORP.
BO. PAOLBO, CALABANGA, CAMARINES SUR
Field Office

LIST OF PERSONNEL
(As of June 25, 1980)

	NAME	DESIGNATION
1.	Amor R. Paguyo	Actg. Project Engineer
2.	Rolando Orcullo	Assistant Purchasing
3.	Angel M. Aboga	Lab. Aide
4.	Eduardo Roman	C. E. Aide
5.	Domingo Buella	Instrumentman
6.	Rustico Cabaña	Survey Aide
7.	Manuel Santillan	Survey Aide
8.	Lemuel Moreno	Dozer Operator
9.	Benjamin Pura	Dozer Operator
10.	Efren Pron	Dozer Operator
11.	Esperidion Laurea	Grader Operator
12.	Romeo Valo	Road Roller Operator
13.	Leonardo Andal	Service Driver
14.	Marciano Legaspi	Dump Truck Driver
15.	Felipe Beriña	Dump Truck Driver
16.	Luciano Austria	Dump Truck Driver
17.	Pedro Ducta	Mechanic
18.	Bernardo de Sena	Mechanic
19.	Edmundo Baguio	Helper
20.	Deogenes Hilta	Fuel Tender
21.	Rolando Miguel	Welder
22.	Rogelio Rebancos	Mechanic

One (1) Security Guard from PEFTOK Security Agency.

Submitted by:

(SGD.) AMOR R. PAGUYO
Actg. Project Engineer

KAMAGONG BUILDERS & DEVELOPERS CORP.
Bo. Paolbo, Calabanga, Camarines Sur
Field Office

LIST OF EQUIPMENT
(As of June 25, 1980)

	TYPE	MODEL	LOCATION	SERIAL NO.	DATE OF ARRIVAL
1.	Bulldozer	CAT. D7G	Construction site (Operational)	65VI791	August 12, 1979
2.	Bulldozer	CAT. D6C	-do-	695U499	August 12, 1979
3.	Bulldozer	KOM. D80A	Quarry of Item 108	14257	October 8, 1979
4.	Wheel Loader	CAT. 950	Construction site (Operational)	52-39891	August 12, 1979
5.	Wheel Loader	KOM. J60	Shop-Idle	509566	August 12, 1979
6.	Vibro Roller	Dynapac CA25	Construction site (Operational)	497666	October 8, 1979
7.	Road Roller	KATO DA120	Shop-Idle	505005	August 12, 1979
8.	Motor Grader	CAT. 12G	Construction site (Operational)	61M5588	October 8, 1979
9.	Transit Mixer	HINO-SM 100	Shop-Idle	IK - 10	August 12, 1979
10.	Transit Mixer	HINO-SM 100	-do-	IK - 12	August 12, 1979
11.	Transit Mixer	Ford	-do-	802-1747	August 12, 1979
12.	Dump Truck	HINO KB 100	Construction site (Operational)	25656	August 20, 1979
13.	Dump Truck	IE-UD 4	-do-	14392	September 12, 1979
14.	Dump Truck	ISUZU SPZ	-do-	1956241	September 12, 1979
15.	Dump Truck	ISUZU SPZ	Shop-Idle	1749056	September 12, 1979
16.	Service Vehicle	TOYOTA KF-101	TGC Service	3K-7600232	August 12, 1979
17.	Weapon Carrier	Dodge # 5	Service Vehicle		August 12, 1979
18.	Welding Machine	Electric Motor-220 V.			August 12, 1979
19.	Sheepfoot Roller	IMO-TYPE DOUBLE DRUM			

Submitted by:

(SGD.)AMOR R. PAGUYO
Actg. Project Engineer

SECONDARY ROAD	10.923
FEEDER ROAD 303	6.900
TOTAL LENGTH	17.823

ITEM NO	DESCRIPTION
1.60.1	FORCE ACCOUNT WORK (MAINTENANCE & REPAIR OF DETOUR RD. & SPILLWAY
1.60.2	MAINTENANCE & REPAIR OF LAB. & OFFICE FOR ENGR.
1.60.5	OFFICE EQUIPMENT FOR ENGR.
100	CLEARING AND GRUBBING
103-2	REMOVAL OF CULVERTS (RCPC)
105-1	ROADWAY & DRAINAGE EXCAVATION (WASTE)
105-3	ROADWAY & DRAINAGE EXCAVATION
106-1	EXCAVATION FOR STRUCTURES (DRAINAGE)
107	BORROW
108	AGGREGATE SUBBASE
110	FOUNDATION FILL
111	OVERHAUL (300 M. F.H.D.)
200	GRAVEL BASE COURSE GRADING "B" (SHOULDERING)
203-2	SOIL ASPHALT BASE COURSE
305-1	COVER MATERIAL FOR BITUMINOUS SEAL COAT
306-3	EMULSIFIED ASPHALT FOR BST
316	PORTLAND CEMENT CONCRETE PAVEMENT 0.20 M. THICK
405-1	CONCRETE CLASS "A" (FOR DRAINAGE & MISC. STRUCTURES)
406	REINFORCING STEEL (FOR DRAINAGE & MISC. STRUCTURES)
412	STONE MASONRY (FOR DRAINAGE & MISC. STRUCTURES)
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE
500-1	RIPRAP AND GROUTED
500-2	RIPRAP AND GROUTED (LOOSE OR DUMP)
510	R.O.W. MARKERS
SPL	CONCRETE BARRIERS
TOTALS	

THIS CUM

MARCH 12, 197
START O
CONTRACT TI

	ESTIMATED % WEIGHT			QUANTITY	UNIT COST	AMOUNT	MAR
	SCHEDULED	ACCOMPLISHED ITEM	ACCOMPLISHED PROJECT				2
LWAY)	0.376	20.0000	0.0752		LUMP SUM	60,000.00	
	0.132	[illegible]	[illegible]	6 mos	LUMP SUM	21,000.00	
	0.098	39.0000	[illegible]		LUMP SUM	15,695.30	
	0.038			1.35 Ha	4,500.00	6,075.00	
	0.069	[illegible]	0.0075	23 Ea	480.00	11,040.00	
	5.466	51.6862	[illegible]	54,542 Cu.M	16.00	872,672.00	
	27.649	[illegible]	17.7806	169,779 Cu.M	26.00	4,414,254.00	
	0.238	9.2426	0.0220	1,521 Cu.M	25.00	38,025.00	
	3.758	[illegible]	1.4927	20,000 Cu.M	30.00	600,000.00	
	9.831	5.2247	0.5136	39,237 Cu.M	40.00	1,569,480.00	
	0.056	1.9462	0.0044	186 Cu.M	48.00	8,928.00	
	0.108	68.3067	0.0714	55,668 Sq.M	0.30	16,700.40	
	0.345			1,100	50.00	55,000.00	
	0.483			1,640 Sq.M	47.00	77,080.00	
	0.007			10 Cu.M	110.00	1,100.00	
	0.045			3 M.T.	2,400.00	7,200.00	
	44.554			74,563 Sq.M.	95.40	7,113,310.00	
	2.063			448 Cu.M	740.00	329,300.00	
	0.900	11.6336	0.1052	20,524 Kgs	7.00	143,668.00	
	0.046			30 Cu.M	250.00	7,500.00	
	0.660	[illegible]	0.0163	308 L.M	350.00	108,780.00	
	0.883	[illegible]	0.0789	235 L.M	600.00	141,000.00	
	1.313	[illegible]	0.2931	233 L.M	900.00	209,700.00	
	0.058			58 Cu.M	160.00	9,280.00	
	0.092			140 Cu.M	105.00	14,700.00	
	0.182			674 Ea.	43.00	28,982.00	
	0.844			550 Ea.	158.00	86,800.00	
	100.000	23.37				15,965,239.90	
HIRTY (30) DAY PERIODICAL ACCOMPLISHMENT							4,138.24
UMULATIVE TOTAL AMOUNT							

BAR SCHEDULE OF WORK
OF
MANGUIRING BRIDGE-TINAMBAC S

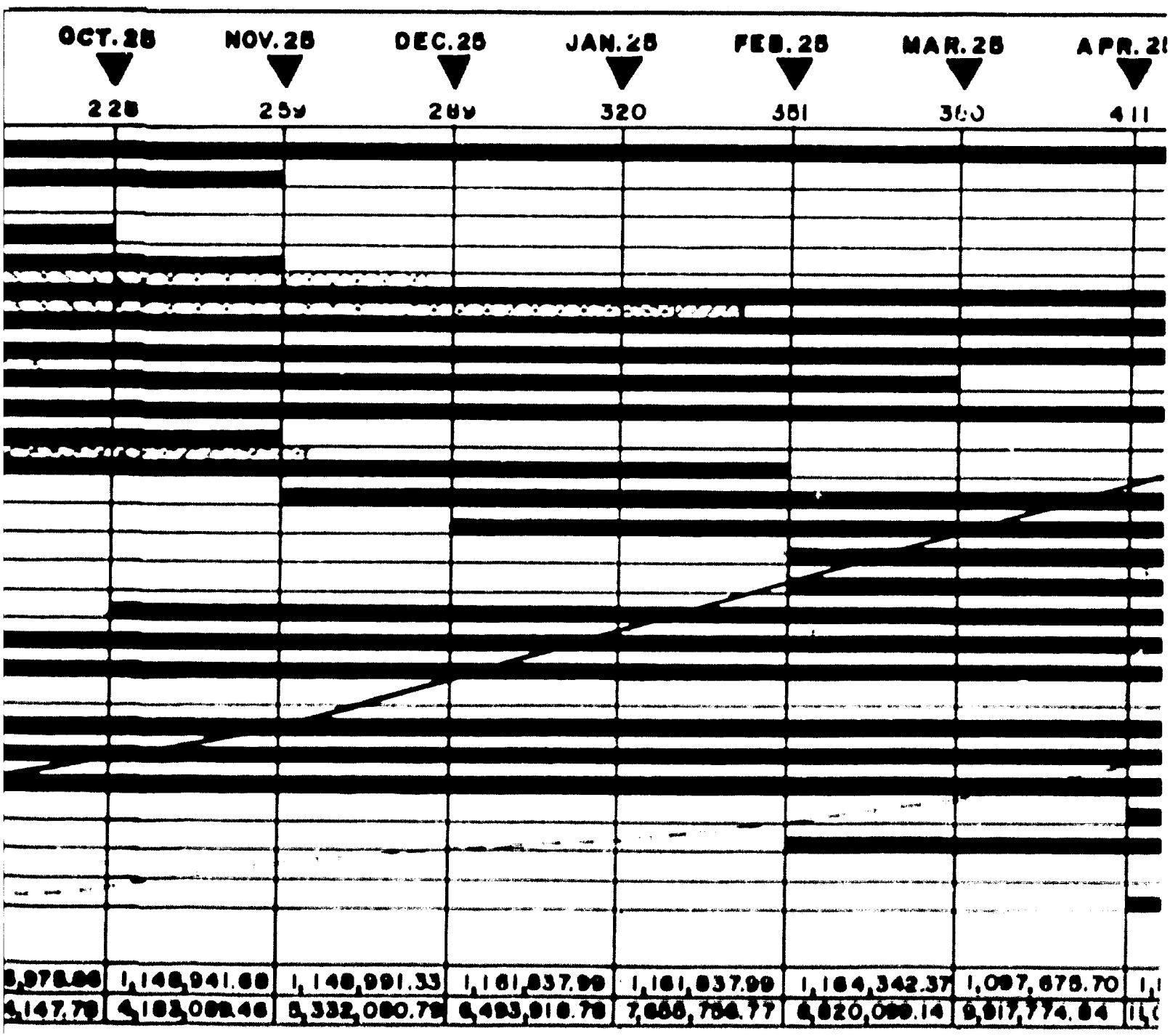
(FIRST REVISION MAY 1980)

979
OF
TIME

R. 31	APR. 25	MAY 25	JUN. 25	JUL. 25	AUG. 25	SEP. 25
20	45	75	106	136	167	198

24	260,440.10	312,528.17	327,275.21	455,591.16	560,223.18	556,975.66	556,
	865,570.34	577,106.51	904,381.72	1,359,972.88	1,920,196.06	2,477,171.92	3,034,

SECTION


OCT. 25
NOV. 25
DEC. 25
JAN. 25
FEB. 25
MAR. 25
APR. 25
228
320
351
411
1,148,941.68
1,148,991.33
1,161,837.99
1,161,837.99
1,164,342.37
1,097,675.70
4,147.79
4,183,092.46
5,332,080.79
6,493,918.78
7,655,754.77
8,820,096.14
9,917,774.84

ANNEX

PROGRESS THIS REPORT

PREVIOUS ACCOMPLISHMENT

SCHEDULED WORK

SCHEDULED ACCOMPLISHMENT

ACTUAL ACCOMPLISHMENT

TENTAT
EXPIRY

ORIGINAL
EXPIRY DATE, SEP 6

25	MAY 25	JUN. 25	JUL. 25	AUG. 25	SEP. 25	OCT. 25	NOV.
	441	472	502	533	564	594	625

1,111,931.70	1,113,806.70	1,075,595.15	1,029,215.59	975,947.42	719,188.17	21,780.33
1,029,706.54	12,143,513.24	13,219,108.39	14,248,323.98	15,224,271.40	15,943,459.57	15,965,239.90

D-8

ANNEX "D-C"

PROGRESS THIS REPORT

PREVIOUS ACCOMPLISHMENT

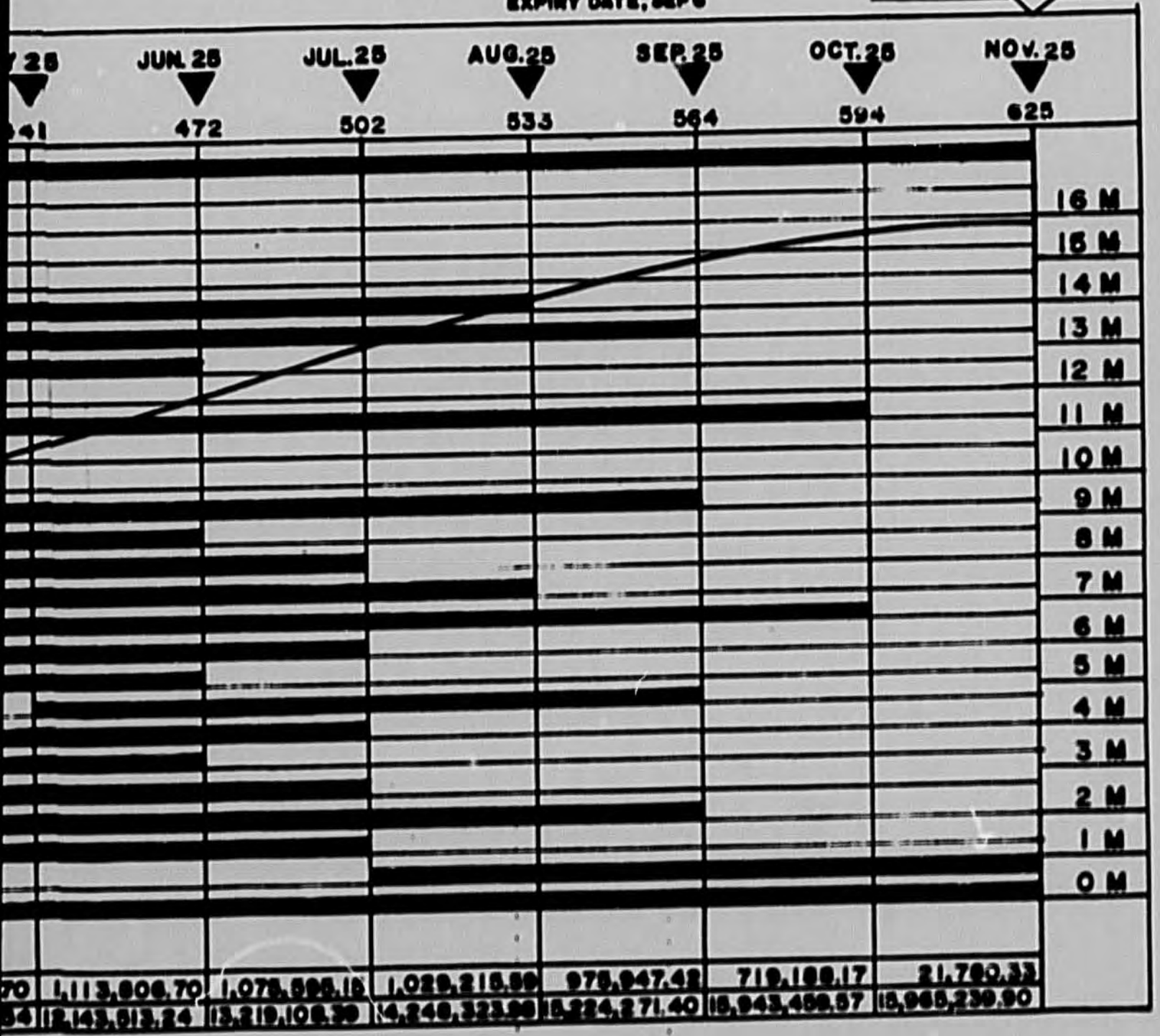
SCHEDULED WORK

SCHEDULED ACCOMPLISHMENT

ACTUAL ACCOMPLISHMENT

TENTATIVE EXPIRY DATE

ORIGINAL EXPIRY DATE, SEP 6



[redacted]

D&F

ANNEX "D-9"

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of June 25, 1980)

Nangalirang Bridge-Tinambac Section

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on bid Quantities	Quantity/ Volume	Value
	GENERAL						
1.60.1	FORCE ACCOUNT WORK (MAINTENANCE AND REPAIR OF DETOUR ROADS AND SPILLWAY		LUMP SUM	₱ 60,000.00	20.00	-	₱ 12,000.00
1.60.2	MAINTENANCE AND REPAIR OF LABORATORY AND OFFICE FOR ENGINEER	6 MO.	LUMP SUM	21,000.00	33.33	-	7,000.00
1.60.3	OFFICE EQUIPMENT FOR ENGINEER		LUMP SUM	15,595.30	38	-	5,964.21
	ROADS AND DRAINAGE STRUCTURES (Secondary road)						
103-2	REMOVAL OF CULVERTS	23 EA.	₱ 480.00 EA.	11,040.00	13.04	3	1,440.00
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	33,242 CU.M.	16.00/CU.M.	531,872.00	84.82	28,198 CU.M.	451,168.00
105-3	ROADWAY AND DRAINAGE EXCAVATION	144,619 CU.M.	26.00/CU.M.	3,760,094.00	75.50	109,182 CU.M.	2,838,732.00
106-1	EXCAVATION FOR STRUCTURES	1,331 CU.M.	25.00/CU.M.	33,275.00	10.56	140.58 CU.M.	3,514.50
107	BORROW	20,000 CU.M.	30.00/CU.M.	600,000.00	39.72	7,944 CU.M.	238,320.00
108	AGGREGATE SUBBASE	25,037 CU.M.	40.00/CU.M.	1,001,480.00	8.19	2,050 CU.M.	82,000.00
110	FOUNDATION FILL	156 CU.M.	48.00/CU.M.	7,488.00	9.47	14.78 CU.M.	709.44
111	OVERHAUL (300 M. FWD)	55,668 STA.M.	0.30/STA.M.	16,700.40	68.31	38,025 STA.M.	11,407.50
200	GRAVEL BASE COURSE GRADING "D" (SHOULDERING)	1,100 CU.M.	50.00/CU.M.	55,000.00	0	0	0
316	PORTLAND CEMENT CONCRETE PAVEMENT 0.20 M (8") THICK	74,563 SQ.M.	95.40/SQ.M.	7,113,310.20	0	0	0
405-1	CONCRETE CLASS "A" (DRAINAGE AND MISCELLANEOUS STRUCTURES)	415 CU.M.	740.00/CU.M.	307,100.00	0	0	0
406	REINFORCING STEEL (DRAINAGE AND MISCELLANEOUS STRUCTURES)	20,164 KG.	7.00/KG.	141,148.00	11.90	2,400 KG.	16,800.00
412	STONE MASONRY (DRAINAGE AND MISCELLANEOUS STRUCTURES)	30 CU.M.	250.00/CU.M.	7,500.00	0	0	0

ITEMIZED COMPUTED ACCOMPLISHMENT (As of June 25, 1980) ANNEX "D-D"

NAGUILIAN BRIDGE-TIRAD PASS SECTION

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on bid Quantities	Quantity/ Volume	Value
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE CULVERT	230 L.M.	₱ 350.00/L.M.	₱ 80,500.00	3.04	7 L.M.	₱ 2,450.00
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE CULVERT	195 L.M.	600.00/L.M.	117,000.00	10.77	21 L.M.	12,600.00
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE CULVERT	208 L.M.	900.00/L.M.	187,200.00	25.00	52 L.M.	46,800.00
500-1	GROUTED AND RIPRAP	58 CU.M.	160.00/CU.M.	9,280.00	0	0	0
500-2	GROUTED AND RIPRAP (LOOSE OR DUMP STONE)	140 CU.M.	105.00/CU.M.	14,700.00	0	0	0
510	RIGHT-OF-WAY MARKERS	442 EA.	43.00 Ea.	19,006.00	0	0	0
SPL	CONCRETE BARRIERS	560 EA.	155.00 EA.	86,800.00	0	0	0
	ROADS AND DRAINAGE STRUCTURES (Feeder Road No. 303)						
100	CLEARING AND GRUBBING	1.35 HA.	4,500.00/HA.	6,075.00	0	0	0
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	21,300 CU.M.	16.00/CU.M.	340,800.00	0	0	0
105-3	ROADWAY AND DRAINAGE EXCAVATION	25,160 CU.M.	26.00/CU.M.	654,160.00	0	0	0
106	EXCAVATION FOR STRUCTURES	190 CU.M.	25.00/CU.M.	4,750.00	0	0	0
108	AGGREGATE SUBBASE	14,200 CU.M.	40.00/CU.M.	568,000.00	0	0	0
110	FOUNDATION FILL	30 CU.M.	48.00/CU.M.	1,440.00	0	0	0
203-2	SOIL ASPHALT BASE COURSE	1,640 SQ.M.	47.00/SQ.M.	77,080.00	0	0	0
305-1	COVER MATERIALS FOR BITUMINOUS SEAL COAT	10 CU.M.	110.00/CU.M.	1,100.00	0	0	0
305-3	EMULSIFIED ASPHALT FOR BITUMINOUS SEAL COAT	3 M.T.	2,400.00/M.T.	7,200.00	0	0	0
405-1	CONCRETE CLASS "A" (DRAINAGE AND MISCELLANEOUS STRUCTURES)	30 CU.M.	740.00/CU.M.	22,200.00	0	0	0
406	REINFORCING STEEL (DRAINAGE AND MISCELLANEOUS STRUCTURES)	360 KG.	7.00/KG.	2,520.00	0	0	0

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of June 25, 1980)

ANNEX "D-D"

Marquiring Bridge-Tinambac Section (Feeder Road No. 303)

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on bid Quantities	Quantity/ Volume	Value
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE CULVERT	75 L.M.	₱ 350.00/L.M.	₱ 26,250.00	0	0	0
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE CULVERT	40 L.M.	600.00/L.M.	24,000.00	0	0	0
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE CULVERT	25 L.M.	900.00/L.M.	22,500.00	0	0	0
510	RIGHT-OF-WAY MARKERS	232 EA.	43.00 EA.	9,976.00	0	0	0
	TOTAL - - - - -	- - - - -	- - - - -	₱15,965,239.90	- - - - -	- - - - -	₱3,730,905.65

Republic of the Philippines
MINISTRY OF PUBLIC HIGHWAYS
M a n i l a

MONTHLY CONSTRUCTION REPORT

For

Sub-project 2

DANAO-PASACAO ROAD
Secondary Road

ITOLAN-BAHAY COCO NO. 201
PASACAO-CARANAN-NACAD NO. 202
PASACAO-PORT ROAD NO. 203
Feeder Roads

NO. 14

JUNE , 1980

TECHNIKS GROUP CORPORATION

PROGRESS REPORT NO. 14
June, 1980

PROJECT: DANAO-PASACAO ROAD

CONTRACTOR: CJT CONSTRUCTION & EQUIPMENT CORPORATION

I. GENERAL

This fourteenth periodic report covers the progress of the construction activities of the Contractor during the month of June, 1980.

The construction activities were as follows:

1. Construction Survey
2. Earthwork and subbase operations
3. Preparation & installation of forms and rebars for the construction of RCBC.
4. Casting of bearing piles
5. Cement concrete pouring of RCBC, miscellaneous structures and bridges.
6. Stockpiling of subbase materials, concrete fine and coarse aggregates.
7. Sampling and quality control testing of construction materials.

II. WEATHER

The weather condition during the last week of the report period was marked by rains especially at noon and night times showing sign of the onset of the rainy season. This hampered the scheduled construction activities although only one (1) day-suspension order was issued to the Contractor within the month.

III. MOBILIZATION

The Contractor has still to complete the mobilization of the minimum, equipment requirement stipulated in the contract particularly hauling and rolling equipment.

Annexes "E-A" and "E-B" reflect the Lists of Personnel and Heavy Equipment of the Contractor which remain the same as with the last report.

Similarly, no additional laboratory equipment has been brought into the project site.

IV. PROGRESS OF WORK

The total percent accomplishment to-date is 40.21 while the time elapsed is 73.32 %.

The factors which contributed to the slow pace of construction activities during the month are as follows:

1. Bad weather condition
2. Lack of rolling, hauling and pile-driving equipment.
3. Breakdown of heavy equipment, like grader, bulldozer and rollers.
4. Scarcity of good quality subbase materials.
5. Right-of-way problems

ROADS AND DRAINAGE STRUCTURES

A. Secondary Road:

CONSTRUCTION SURVEY:

1. Establishing required subbase and subgrade elevations.
2. Checking computation of cross-section data.

EARTHWORK:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

A total of 3,554 cu.m. were accomplished by the Contractor under this item between stations 2 + 150.50 and 2 + 200.

Item 107: BORROW

Corrections to attain the required grade elevation of subgrade were undertaken by the Contractor involving 2,560 cu.m. of this item.

Continuous hauling, spreading and compaction of borrow materials were also done between stations 0 + 003.35 and 0 + 975, involving revision of grade elevation as per Change Order #1.

BRIDGE AND DRAINAGE STRUCTURES

Item 405: CONCRETE CLASS-"A"

39.603 cu.m. of cement concrete has been poured for the construction of miscellaneous structures (Headwalls and RCBC).

Item 406: REINFORCING STEEL

1,700 kilos of this item were utilized in the above mentioned structures bringing the total to-date already incorporated in the constructed drainage structures to 14,281.40 kilos.

At present, stored in the Contractor's bodega are 29,134.94 kilos of cut and bent reinforcing steel.

B. Feeder Roads:

B.1 FEEDER ROAD 201 (Itolan-Bahay-Coco Road)

CONSTRUCTION SURVEY:

1. Establishing finished grade elevation
2. Checking of computation of cross-section data

EARTHWORK:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

400 cu.m. of this item has been accomplished bringing the total accomplishment to-date to 16,936.98cu.m.

Item 107: BORROW

Reworking of the section where the subgrade has been affected by rains were undertaken by the Contractor prior to laying of aggregate subbase.

DRAINAGE STRUCTURES:

Item 405: CONCRETE CLASS "A"

14.888 cu.m. of cement concrete has been poured for for the construction of headwalls (RCP) and RCBC, bringing the total accomplishment to-date to 79.581 cu.m.

Item 406: REINFORCING STEEL

Incorporated in the construction of the above-mentioned structures were 1,500 of this item during this period.

B.2 FEEDER ROAD 202 (Pasacao-Caranan-Macad Road)

CONSTRUCTION SURVEY:

1. Checking of computation of cross-section data.

EARTHWORK:

Item 103: EXCAVATION FOR STRUCTURES

The total accomplishment to-date under this item is 1,558.18 cu.m. with 267.75 cu.m. undertaken during this period at station 7 + 585 in preparation for the construction of RCBC.

BRIDGE AND DRAINAGE STRUCTURES:

Item 402-2.5: PRECAST CONCRETE PILE

A total of 12 bearing piles were cast intended for timber trestle #4.

Item 405: CONCRETE CLASS "A"

Cement concrete has been poured for the construction of RCBC at station 7 + 585 and headwalls of RCP involving 55,569 cu.m.

Item 406: REINFORCING STEEL

During the construction operation of the above mentioned structures, 2,356.27 kilos of this item were incorporated bringing the total quantity accomplished to-date to 11,280.17 kilos while the stored cut, bend and tested reinforcing steel were reduced to 7,329.54 kilos.

3.3 FEEDER ROAD 203 (Pasacao-Port Road)

The reported accomplishment during this period was nil except for the installation of 38 pieces of Right-Of-Way markers (Item 510).

V. SUMMARY OF ACCOMPLISHMENT OF MAJOR ITEMS (Accumulated as of this month)

Secondary Road:

ROAD:

Subgrade:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

2.8 km.	-	completed
0.2 km.	-	partial

Item 107: BORROW

5.8 km.	-	completed
0.67 km.	-	partial

Subbase:

Item 108: AGGREGATE SUBBASE

0.90 km.	-	completed
1.20 km.	-	partial

BRIDGE (Odicon):

Substructures:

Two (2) test piles were already driven

Twenty five (25) bearing piles were driven at the pier, abut. "A" and "B".

Abutment "B" was already constructed

Footing, shaft and coping of the pier are already completed

OTHER DRAINAGE STRUCTURES:

Item 413: REINFORCED CONCRETE PIPE CULVERTS

Item No.	Description	% Accomplishment
413-2	0.60 M. DIA. RCP	93.75%
413-3	0.90 M. DIA. RCP	77.99%
413-4	1.20 M. DIA. RCP	84.90%

Feeder Roads:

FEEDER ROAD 201 (Itolan-Bahay-Coco Road)

ROAD:

Subgrade:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

2.2 km. - completed

Item 107: BORROW

2.32 km. - completed

Surfacing:

Item 100: AGGREGATE SUBBASE

1.4 km. - partial

BRIDGE: None

OTHER DRAINAGE STRUCTURES

Item 413: REINFORCED CONCRETE PIPE CULVERTS

Item No.	Description	% Accomplishment
413-2	0.60 M. Dia. RCP	100 %
413-3	0.90 M. Dia. RCP	100 %
413-4	1.20 M. Dia. RCP	85.41%

FEEDER ROAD 202 (Pasacao-Caranan-Macad Road)

ROAD:

Subgrade:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

4.1 km. - completed

Item 107: BORROW

4.5 km. - completed

Surfacing:

Item 108: AGGREGATE SUBBASE

8.6 km. - partial

BRIDGE: TIMBER TRESTLE (#1, #2, #3, #4)

Substructures:

8 test piles were driven for bridges #1, #2, #3 and #4 - 2 test piles each.

10,9 and 18 bearing piles were already cast for bridges #1, #3, and #4 respectively

10 bearing piles were already driven at bridge #2

Remaining one (1) test pile was already cast intended for bridge #4.

Concrete pile bents of timber trestle #2 were completed

OTHER DRAINAGE STRUCTURES:

Item 413: REINFORCED CONCRETE PIPE CULVERTS

Item No.	Description	% Accomplishment
413-2	0.60 M. Dia. RCP	95.45 %
413-3	0.90 M. Dia. RCP	100 %
413-4	1.20 M. Dia. RCP	98.63%

FEEDER ROAD 203 (Pasacao-Port Road)

ROAD:

Subgrade:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

0.80 km. - completed

Item 107: BORROW

1.0 km. - completed

Surfacing:

Item 108: AGGREGATE SUBBASE

1.8 km. - partial

DRAINAGE STRUCTURES:

Item 413: REINFORCED CONCRETE PIPE CULVERTS

Item No.	Description	% Accomplishment
413-3	0.90 M. Dia. RCP	100%

VI. MATERIALS TESTING AND CONTROL (Secondary and Feeder Roads)

The laboratory and field tests for materials quality control undertaken by the Contractor during this period under the supervision of the A & E Materials Engineer were as follows:

Grading Analysis - 18
Plastic and Liquid Limit Determination - - - - - - - 18
Laboratory Compaction Test - - - - - - - - - - - - - 13
Field Density Test - - - - - - - - - - - - - - - - - - 32
Concrete Cylinder Samples taken - - - - - - - - - - - 13 sets
Concrete Cylinder Samples tested - - - - - - - - - - 5 sets

Samples of Aggregate Subbase from a new source and borrow materials were sent to SMQCS, Manila for quality test.

COMMENTS AND RECOMMENDATIONS:

The accumulated negative slippage of the Contractor as of this report period increased to 42 %. If the approval of the Contractor's request for the deletion of Item 316 from his contract will materialized and taking into consideration the recommended 34 days time extension due to bad weather, the slippage will be reduced to only about 10 % negative.

One of the major items where the Contractor experienced much delay is the construction of Odicon bridge in the Secondary Road and four (4) timber trestle bridges along Feeder Road 202. Almost all bearing piles have been cast for these bridges, but the untimely breakdown of the crane prevents the Contractor from proceeding with the work. The problems with regards to the existing Casureco lines which obstruct the construction operation of two bridges has been resolved through the help of the RMO project engineer.

To overcome the remaining negative slippage as cited above, the following advices were given to the Contractor:

1. Immediate completion of the crane repair
2. Start construction operation of Item 500 (Grouted Riprap) and 409-2.1 (Timber Sheet Pile).
3. Hasten subbase operation particularly along the Secondary Road.
4. Increase the number of labor force.
5. Increase the number of units of rolling equipment.
6. Work overtime.

PROJECT: DAMAO - PASACAO ROAD
Sub-project No. 2

WEATHER REPORT

DATE - 1980		WEATHER CONDITION	REMARKS	TIME EXTENSION RECOMMENDED
May	26	Sunny to fair	Workable	None
	27	Sunny to fair	-do-	-do-
	28	Sunny to fair	-do-	-do-
	29	Sunny	-do-	-do-
	30	Sunny	-do-	-do-
	31	Sunny to fair	-do-	-do-
June	1	Sunny	-do-	-do-
	2	Sunny to fair	-do-	-do-
	3	Fair	-do-	-do-
	4	Sunny to fair	-do-	-do-
	5	Cloudy to fair	-do-	-do-
	6	Cloudy to fair	-do-	-do-
	7	Cloudy to fair	-do-	-do-
	8	Sunny to fair	-do-	-do-
	9	Sunny to fair	-do-	-do-
	10	Sunny to cloudy	-do-	-do-
	11	Fair to cloudy	-do-	-do-
	12	Fair	-do-	-do-
	13	Sunny to fair	-do-	-do-
	14	Sunny	-do-	-do-
	15	Sunny to fair	-do-	-do-
	16	Sunny to fair	-do-	-do-
	17	Fair to sunny	-do-	-do-
	18	Fair to cloudy	-do-	-do-
	19	Fair to cloudy with slight rains in the afternoon	-do-	-do-
	20	Heavy rains the whole day	Unworkable	1 day
	21	Cloudy to fair	Workable	None
	22	Fair to cloudy	-do-	-do-
	23	Cloudy to rainy	-do-	-do-
	24	Cloudy	-do-	-do-
	25	Fair	-do-	-do-

TIME EXTENSION RECOMMENDED PREVIOUSLY - 33 DAYS

TIME EXTENSION RECOMMENDED THIS MONTH - 1 DAY

GRAND TOTAL TO DATE 34 DAYS

CIT CONSTRUCTION & EQUIPMENT CORPORATION
DARAO - PASACAO ROAD
Cilicon, Pasacao, Cam. Sur

LIST OF PERSONNEL
(As of June 25, 1990)

NAME	DESIGNATION
1. CONRADO S.P. GONZALES	Project Manager
2. ALEXANDER S. GUDIAN	Asst. Project Manager (Operation)
3. BRUNETH O. SY	Asst. Project Manager (Administration)
4. MANUEL ALEJA	Project Engineer
5. NESTOR S. MALLANO	Geodetic Engineer
6. PIO F. GACER	Materials Engineer
7. CESAR O. HERNANDEZ	C. E. Aide
8. RAVEN G. HIPOLITO	Timekeeper
9. JOSE AGUILAR	Purchaser/Warehouseman
10. POTPIRIO DACIAN	Asst. Warehouseman
11. MAX ROBLEDO, JR.	Draftsman
12. JOSE R. ARIOL	Laboratory Aide
13. GIL M. MUÑOZ	Laboratory Aide
14. NANCY A. LARAGAS	Clerk / Typist
15. LORNA G. BERNAL	Clerk / Typist
16. ALEJANDRO U. MANCELITO	Materials Checker
17. PABLO PEREZ	Foreman
18. POLICARPIO PALAGOC	Foreman
19. LEONOR MEDINA	Foreman
20. RODOLFO DUAN	Foreman
21. OPERATORS - Fifteen (15)	
22. DRIVERS - Twelve (12)	
23. MECHANICS - Four (04)	
24. ELECTRICIAN - One (01)	
25. WELDER - One (01)	
26. SURVEY AIDES - Five (05)	
27. LABORERS - Sixty (60)	

SUBMITTED BY:

(SGD.) CONRADO S.P. GONZALES
Project Manager

CDT CONSTRUCTION & EQUIPMENT CORPORATION
DANAO - LAS CAO ROAD
Ocicon, Paracale, Cam. Sur

LIST OF EQUIPMENT
(As of June 29, 1980)

NAME OF EQUIPMENT	SERIAL NUMBER	DATE OF ARRIVAL
1. Komatsu Bulldozer	[illegible]-220-0458[illegible]931	May 15, 1979
2. Komatsu Bulldozer	[illegible]-220-0770[illegible]27251	June 9, 1979
3. D7 3-T Bulldozer	AK - M3 - 943	July 2, 1979
4. D6 Bulldozer	AK - 1 - 710	June 23, 1979
5. Dump truck # 1	70 40 40 56	May 18, 1979
6. Dump truck # 3	59 71 [illegible] 59	June 5, 1979
7. Dump truck # 6	E 120 - 209504	July 18, 1979
8. Dump truck # 7	DH - 150 - 4[illegible]1765	August 20, 1979
9. Dump truck # 8	DH - 100 - 403057	August 30, 1979
10. Dump truck	TD - 40 - 134754	June 30, 1979
11. Dump truck	TD - 50 - 1339730	June 30, 1979
12. Dump truck	70 - 1359 - 49	June 23, 1979
13. Dump truck # 4 (Water truck)	DH - 100 - 409153	July 15, 1979
14. Service truck	TD 50 - 1228305	September 20, 1979
15. Service truck	TD 50 - 1235025	September 30, 1979
16. TCM - 75 Payloader	DA 640 - 524765	May 25, 1979
17. JCM - Komatsu Payloader	VH 650 - 0728	July 9, 1979
18. Road Roller (SAKAI)	DA - 120 - 513055	September 25, 1979
19. Road roller (MAYABAN)	413250	September 14, 1979
20. Pneumatic Roller	DA - 120 - 517971	July 15, 1979
21. Road Grader (GALLEON)	4A - 33306	July 17, 1979
22. Road Grader (GALLEON)	4A - 332[illegible] - 471R053	August 10, 1979
23. Road Grader (MITSUBISHI)	127539	October 12, 1979
24. Toyota Tamaraw	3K - 714741	June 1, 1979
25. Toyota Land Cruiser	366546	May 18, 1979
26. Crane 35 tons	30007 - 60100	July 25, 1979
27. Pile Hammer (MITSUBISHI 23)	-	August 15, 1979
28. Air Compressor	DA - 220 - 519254	June 27, 1979
29. Welding Machine	J - 336279	June 14, 1979
30. One-bagger mixer	-	June 5, 1979
31. Two-bagger mixer (Two units)	-	September 5, 1979
32. One-bagger mixer (Two units)	-	August 2, 1979
33. Concrete vibrator	-	September 5, 1979
34. Concrete vibrator	-	June 18, 1979
35. Sheep-foot Roller	-	September 30, 1979
36. Water pump	P - 40	July 18, 1979
37. Water pump	P - 40	September 27, 1979
38. Road Roller	DA - 220 - 503453	November 8, 1979

SUBMITTED BY:

(SGD.) CONRADO S.F. GONZALES
Project Manager

SECONDARY ROAD: ----- 0.883 KMS.
FEEDER ROADS :
F.R. 201 ----- 4.523 KMS.
F.R. 202 ----- 0.687 KMS.
FR 203 ----- 1.851 KMS.

NET LENGHT : ------ 23.944 KMS.

ITEM NO.	DESCRIPTION
1.60.1	FORCE ACCOUNT WORK
1.60.2	PROVIDE AND MAINTAIN LABORATORY AND OFFICE FOR ENGINEER
1.60.3	PROVIDE ONE (1) UNIT UTILITY VEHICLE
1.60.5	LABORATORY AND OFFICE EQUIPMENT
100	CLEARING AND GRUBBING
103-1	REMOVAL OF BRIDGES
103-2	REMOVAL OF CULVERTS (RCP)
105	ROADWAY AND DRAINAGE EXCAVATION
106-1	EXCAVATION FOR STRUCTURES (DRAINAGE)
106-2	EXCAVATION FOR STRUCTURES (BRIDGE, BELOW O.W.L.)
107	BORROW
108	AGGREGATE SUBBASE
110	FOUNDATION-FILL
111	OVERHAUL (300-M. FREEHAUL)
316-1	PORTLAND CEMENT CONCRETE PAVEMENT, 0.20M.(8") THICK
401	TIMBER (DETOUR) TRESTLE (SUPERSTRUCTURE ONLY ON CONCRETE PILE BENTS)
402-25	PRECAST CONCRETE PILES
402-25A	CONCRETE TEST PILES (FURNISH AND DRIVE)
403	CONCRETE RAILINGS
405	CONCRETE CLASS "A" (HEADWALLS & MISC. STRUCTURES)
405-1	CONCRETE CLASS "A" (BRIDGE)
406	REINFORCING STEEL (BRIDGES & MISC. STRUCTURES)
407	STRUCTURAL STEEL (ODICON BRIDGE)
409-21	TIMBER SHEET PILES (T&G 4"x 12"x 10')
412	STONE MASONRY
413-2	0.60 M. DIA. REINF. CONCRETE PIPE
413-3	0.90 M. DIA. REINF. CONCRETE PIPE
413-4	1.20 M. DIA. REINF. CONCRETE PIPE
500-1	RIPRAP AND GROUTED (RIVER BANK PROTECTION)
500-2	RIPRAP AND GROUTED (CANAL PROTECTION)
610	R/O/W. MARKERS

E-13-A

MAY 18, 1979
START OF CONTRACT TI

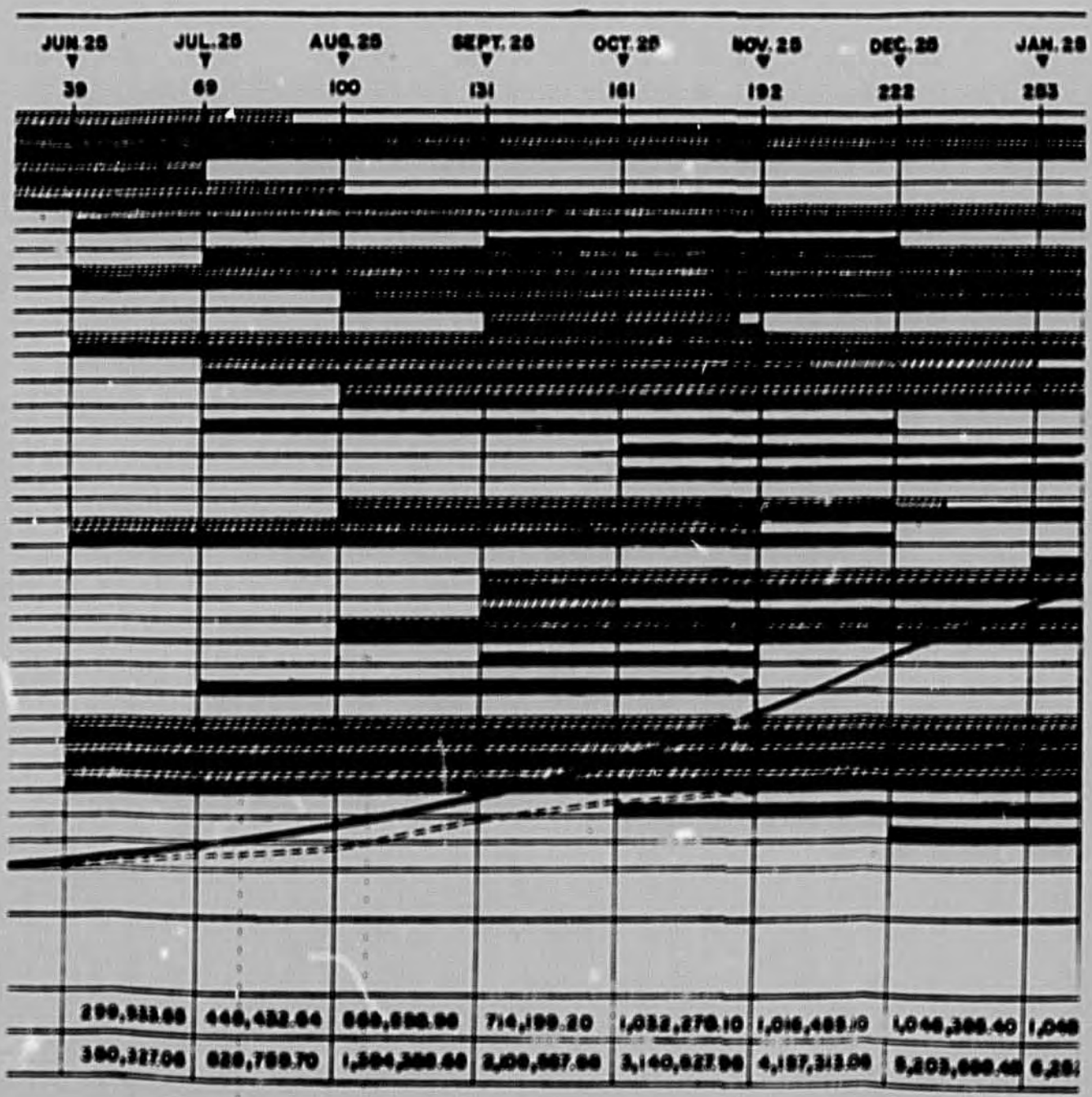
ESTIMATED % WT.			QUANTITY	UNIT COST	AMOUNT	MAY 25
SCHEDULED	ACCOMPLISHED ITEM	ACCOMPLISHED PROJ.			PER BID SCHEDULE	
0.3438				LUMP SUM	₱ 40,000.00	
0.3653			17 MOS.	₱ 2,500.00	42,500.00	
0.2578			1	LUMP SUM	30,000.00	
0.6273				LUMP SUM	72,989.00	
0.1588			4.62 HA.	4,000.00	18,480.00	
0.0859			2 EA.	5,000.00	10,000.00	
0.4882			53 EA.	VARIABLE	56,800.00	
4.2984			65,370 CU.M.	8.00	498,960.00	
0.7147			5,815 CU.M.	14.30	83,154.50	
0.0279			50 CU.M.	65.00	3,250.00	
15.2248			76,450 CU.M.	23.60	1,771,434.00	
14.6319			47,290 CU.M.	36.00	1,702,440.00	
0.3128			1,010 CU.M.	35.00	35,350.00	
0.0769			7,460 STA.M.	1.20	8,952.00	
37.8775			56,260 SQ.M.	78.20	4,406,724.00	
1.4439			14 SPAN	12,000.00	168,000.00	
3.3017	71.08	2.3448	794 L.M.	490.00	384,160.00	
0.9927			11 EA.	10,800.00	118,800.00	
0.0879			56 L.M.	182.50	10,220.00	
6.9612		4.0425	970 CU.M.	835.00	809,950.00	
1.5817			220.4 CU.M.	835.00	184,034.00	
3.0399			88,394 KG.	4.00	353,576.00	
0.0773			640 KG.	15.00	9,600.00	
0.2703			142 L.M.	221.50	31,463.00	
0.1237			56 CU.M.	257.00	14,392.00	
0.8367			456 L.M.	214.00	97,584.00	
1.8358			445 L.M.	480.00	213,600.00	
1.6530			280 L.M.	770.00	215,600.00	
1.4759			954 CU.M.	180.00	171,720.00	
0.3481			226 CU.M.	180.00	40,500.00	
0.2853			664 EA.	50.00	33,200.00	
	49.21%					
THIRTY (30) DAYS PERIODICAL ACCOMPLISHMENT						80,393.41
COMMULATIVE TOTAL AMOUNT						

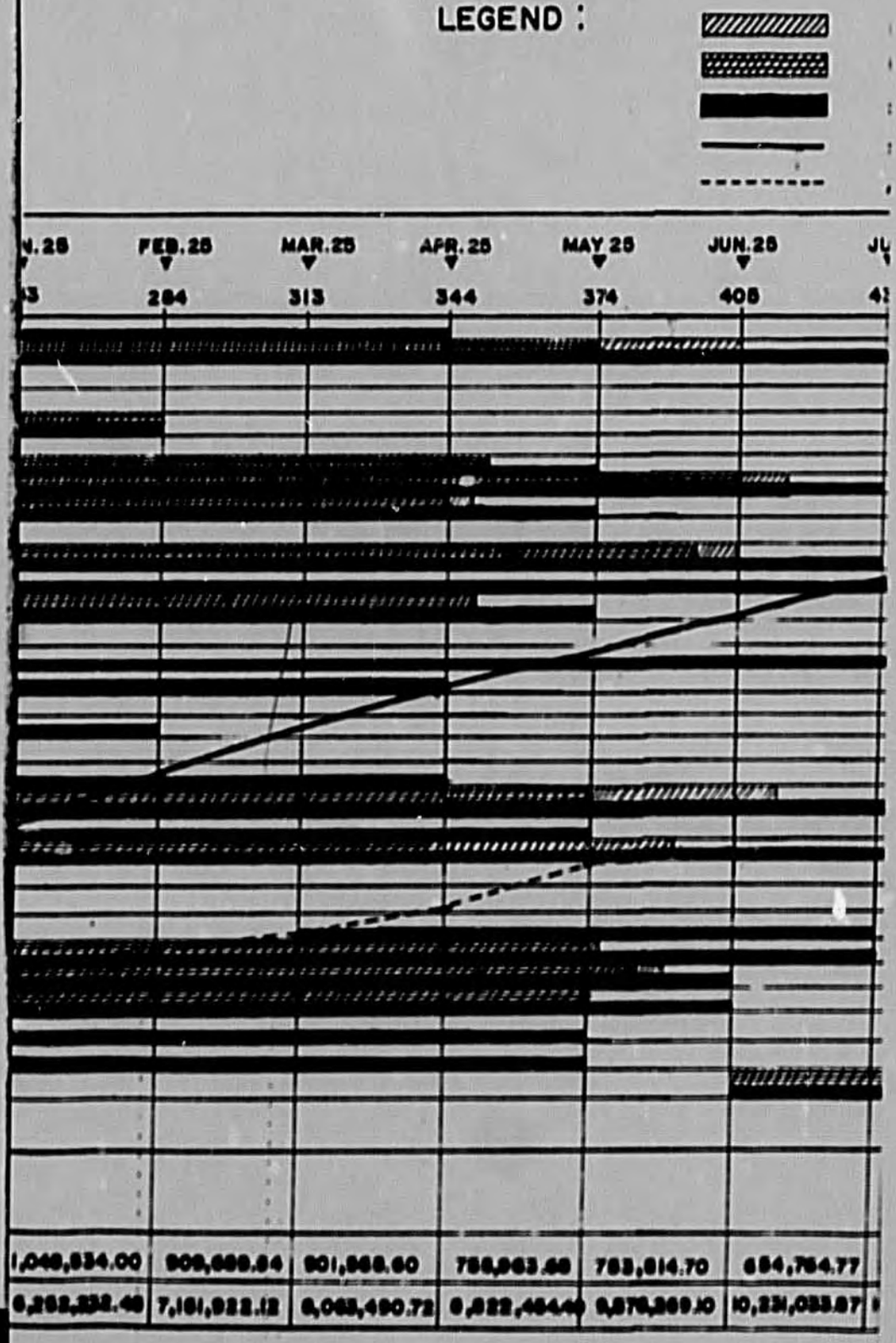
E-13-B

BAR SCHEDULE OF WORK
of
DANAO – PASACAO ROAD

TIME

(FIRST REVISION, MAY, 1960)




LEGEND :
FEB.25
MAR.25
APR.25
MAY 25
JUN.25
284
313
344
374
405
1,046,534.00
909,669.84
901,868.60
783,814.70
654,764.77
7,161,922.12
8,063,490.72
10,231,033.87

E-13-D

ANNEX "E-C"

PROGRESS THIS REPORT

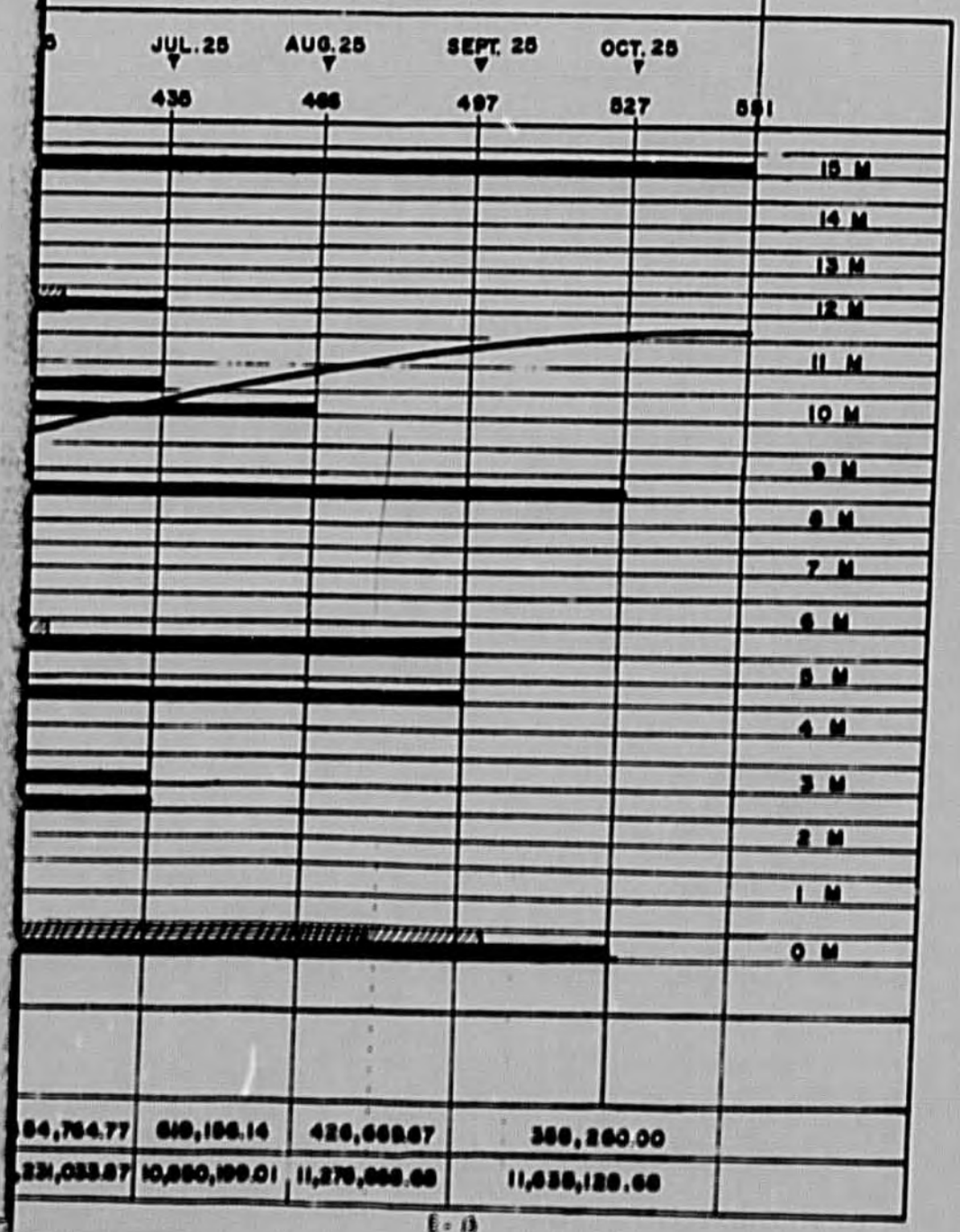
PREVIOUS ACCOMPLISHMENT

SCHEDULED WORK

SCHEDULED ACCOMPLISHMENT

ACTUAL ACCOMPLISHMENT

TENTATIVE EXPIRY DATE
NOV. 18, 1980



54,764.77	619,156.14	426,668.67	356,260.00	
231,055.87	10,850,199.01	11,276,868.68	11,635,128.68	

E-13-E

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June 25, 1980

ANNEX "E-D"

DALIAO-PASIGAO ROAD (Sub-project No. 2)

Sheet 1 of 3

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT Percentage based on bid quantities	Quantity/ Volume	Value
	GENERAL						
.60.1	FORCE ACCOUNT WORK (REPAIR AND UNDERPINNING OF ODICON BAILEY BRIDGE AND MAINTENANCE OF DETOUR ROAD)	-	₱ Lump Sum	₱ 40,000.00	25	10,000	₱ 10,000.00
.60.2	PROVIDE AND MAINTAIN LABORATORY AND OFFICE FOR ENGINEER	17 MOS.	2,500.00/MO.	42,500.00	73.53	12.5	31,250.00
.60.3	PROVIDE ONE (1) UTILITY VEHICLE FOR ENGINEER	-	Lump Sum	30,000.00	100	1	30,000.00
.60.5	LABORATORY AND OFFICE EQUIPMENT FOR ENGINEER	-	Lump Sum	72,985.00	50	50	36,492.50
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Secondary Road)						
00	CLEARING AND GRUBBING	2.50 HA.	4,000.00/Ha.	10,000.00	100	2.50	10,000.00
03-2	REMOVAL OF CULVERTS (REINFORCED CONCRETE PIPE CULVERTS)	31	975.00 EA.	30,225.00	91.94	3 (50%) 27 (100%)	1,462.50 26,325.00
05	ROADWAY AND DRAINAGE EXCAVATION	18,600 cu.m.	8.00/Cu.m.	149,540.00	93.35	17,353.10	138,904.80
06-1	EXCAVATION FOR STRUCTURES (DRAINAGE)	3,100 Cu.M.	14.30/Cu.M.	44,330.00	95.95	2,979.76	42,539.07
06-2	EXCAVATION FOR STRUCTURES (BRIDGE BELOW ORDINARY WATER LEVEL)	50 CU.M.	65.00/Cu.M.	3,250.00	90	45	2,925.00
07	BORROW	36,810 Cu.M.	23.80/Cu.M.	875,078.00	97.96	36,860	858,228.00
08	AGGREGATE SUBBASE	22,510 Cu.M.	36.00/Cu.m.	813,960.00	13.29	3,000	108,000.00
10	FOUNDATION FILL	610 Cu.M.	36.00/Cu.m.	21,960.00	90.83	554.10	19,947.60
11	OVERHAUL (330 M FREEHAUL)	7,460.Sta.M.	1.20/Sta.M.	8,952.00	0	0	0
16-1	PORTLAND CEMENT CONCRETE PAVEMENT 0.20 M. (8" THICK)	56,280 Sq.M.	78.30/Sq.M.	4,406,724.00	0	0	0
02-2.5	PRECAST CONCRETE PILES (ODICON BRIDGE)	334 LM	490.00/LM	163,660.00	90.86	273 (100%) 61 (50%)	148,715.00
02-2.5A	CONCRETE TEST PILE FURNISH & DRIVE	2	10,500.00 EA.	21,000.00	100	2 (100%)	21,000.00
03	CONCRETE RAILINGS	56 LM.	182.50/LM	10,250.00	0	0	0
05	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	470 Cu.M.	835.00/Cu.M.	392,000.00	51.51	242.103	202,156.00
05-1	CONCRETE CLASS "A"(ODICON BRIDGE)	170 Cu.M.	835.00/Cu.M.	141,958.00	26.47	45	37,575.00
06	REINFORCING STEEL (BRIDGES AND MISCELLANEOUS STRUCTURES	50,775 KGS.	4.00/Kg.	303,020.00	56.82	29,134.94(50) 14,281.4 (100%)	115,395.48

ANNEX "E-D"

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June,25, 1980

DAVAO-PASACAO ROAD (Sub-project No.2)

Item No.	DESCRIPTION	BID QUANTITY	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT Percentage Based on bid Quantities	Quantity/ Volume	Value
407	STRUCTURAL STEEL (ODICON BRIDGE)	640 KGS.	₱ 15.00/KG.	₱ 9,600.00	0	0	₱ 0
409-2.1	TIMBER SHEET PILE (TBG) 4"x12"x10"	142 LM.	21.50/LM	31,000.00	0	0	0
412	STONE MASONRY	56 CU.M.	757.00/CU.M.	14,392.00	0	0	0
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE	192 LM	214.00/LM	41,088.00	93.75	180 LM	38,520.00
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	199 LM	480.00/LM	95,520.00	77.99	154 LM	73,920.00
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE	159 LM	770.00/LM	122,430.00	84.90	135 LM	103,950.00
500-1	RIPRAP AND GROUTED (RIVER BANK PROTECTION)	954 CU.M.	180.00/CU.M.	171,720.00	0	0	0
500-2	RIPRAP AND GROUTED (CULL PROTECTION)	225 CU.M.	180.00/CU.M.	40,500.00	0	0	0
510	RIGHT-OF-WAY MARKERS	245 EA.	50.00 EA.	12,300.00	94.72	220(100%)	
	ROADS, BRIDGES AND DRAINAGE STRUCTURES					26 (50%)	11,650.00
	Feeder Road 201 (Itolan-Mahay+Coco)						
100	CLEARING AND GRUBBING	0.4 HA.	4,000.00/HA	1,600.00	100%	0.40 HA.	1,600.00
103-2	REMOVAL OF CULVERTS	5	2,000.00 EA.	10,000.00	100	5 (100%)	10,000.00
105	ROADWAY AND DRAINAGE EXCAVATION	17,650 CU.M.	8.00/CU.M.	141,200.00	95.96	16,936.90	135,495.84
106	EXCAVATION FOR STRUCTURES (DRAINAGE)	875 CU.M.	15.30/CU.M.	12,512.50	90.05	792	11,325.60
107	BORROW	10,290 CU.M.	23.80/CU.M.	244,902.00	92.32	9,500	226,100.00
108	AGGREGATE SUBBASE CLASS "A"	8,270 CU.M.	36.00/CU.M.	297,720.00	12.10	1,000	36,000.00
110	FOUNDATION FILL	130 CU.M.	36.00/CU.M.	4,680.00	79.48	103.33	3,719.88
405	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	180 CU.M.	835.00/CU.M.	150,300.00	44.21	79.581	66,450.14
406	REINFORCING STEEL	15,330 KGS.	4.00/KG.	61,320.00	33.66	259.27 (50%)	
						5,031.16 (100)	20,643.18
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE	44 LM	214.00/LM	9,416.00	100	44 LM	9,416.00
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	75 LM	480.00/LM	36,000.00	100	75 LM	36,000.00
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE	48 LM	770.00/LM	36,960.00	85.41	41 LM	31,570.00
510	RIGHT-OF-WAY MARKERS	180 EA.	50.00 EA	9,000.00	73.89	86 (100%)	
	ROADS, BRIDGES AND DRAINAGE STRUCTURES					94 (50%)	6,650.00
	Feeder Road 202 (Pasacao-Camman-Macad)						
100	CLEARING AND GRUBBING	1.72 EA.	4,000.00/HA	6,880.00	100	1.72 HA	6,880.00
103-1	REMOVAL OF CULVERTS	2	5,000.00/EA.	10,000.00	0	0	0
103-2	REMOVAL OF CULVERTS	13	975.00 EA.	12,675.00	100	13	12,675.00
105-1	ROADWAY AND DRAINAGE EXCAVATION	23,240 CU.M.	8.00/CU.M.	185,920.00	100	23,240	185,920.00
106	EXCAVATION FOR STRUCTURES	1,600 CU.M.	14.30/CU.M.	22,880.00	98.01	1,568.18	22,424.97

ITEMIZED COMPUTED ACCOMPLISHMENT
As of June 25, 1980

DAMIO-PASACAO ROAD (Sub-project No.2)

Item No.	DESCRIPTION	BID QUANTITY	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT: Percentage based on bid quantities	Quantity/ Volume	Value
107	BORROW	22,810 CU.M.	23.80/CU.M.	542,872.00	100	22,810	₱ 542,872.00
108	AGGREGATE SUBBASE CLASS "A"	13,260 CU.M.	35.00/CU.M.	480,960.00	65.12	8,700 CU.M.	313,200.00
110	FOUNDATION FILL	230 CU.M.	35.00/CU.M.	8,280.00	93.46	214.96	7,738.56
401	TIMBER (DETOUR) TRESTLE, SUPERSTRUCTURE ONLY OF CONCRETE PILE BENTS	14 SPANS	12,000.00/Span	168,000.00	0	0	0
402-2.5	PRECAST CONCRETE PILE	450 LM	490.00/LM	220,500.00	51.11	120 (100%) 220 (50%)	58,800.00 53,900.00
402-2.5A	CONCRETE TEST PILE (FURNISH & DRIVE)	9	10,500.00 EA	94,500.00	88.88	8 (100%) 1 (50%)	84,000.00 51,250.00
405	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	300 CU.M.	835.00/CU.M.	250,500.00	81.45	244.394	204,068.99
406	REINFORCING STEEL	22,194 KGS	4.00/KG.	88,776.00	57.34	11,280.17(100%) 7,329.54 (50%)	45,120.68* 14,659.08*
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE	220 LM	214.00/LM	47,080.00	95.45	210 LM	44,940.00
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	90 LM	480.00/LM	43,200.00	100	90 LM	43,200.00
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE	73 LM	770.00/LM	56,210.00	98.63	72	55,440.00
510	RIGHT-OF-WAY MARKERS	200	50.00/EA.	10,000.00	87.50	150(100%) 50 (50%)	8,750.00
	ROADS, BRIDGES AND DRAINAGE STRUCTURES						
	Feeder Road 203 (Pasacao-Port Road)						
103-2	REMOVAL OF CULVERTS	4	975.00 EA.	3,900.00	100	4 (100%)	3,900.00
105	ROADWAY AND DRAINAGE EXCAVATION	2,800 CU.M.	8.00/CU.M.	22,400.00	100	2,800	22,400.00
106	EXCAVATION FOR STRUCTURES	240 CU.M.	14.30/CU.M.	3,432.00	94.37	226.50	3,238.95
107	BORROW	4,520 CU.M.	23.80/CU.M.	187,575.00	100	4,520	107,576.00
108	AGGREGATE SUBBASE CLASS "A"	3,050 CU.M.	35.00/CU.M.	109,800.00	77.95	2,225	80,200.00
110	FOUNDATION FILL	40 CU.M.	35.00/CU.M.	1,440.00	91.87	36.75	1,323.00
405	CONCRETE CLASS "A" (FOR HEADWALLS)	20 CU.M.	835.00/CU.M.	16,700.00	0	0	0
406	REINFORCING STEEL	115 KG.	4.00/KG	460.00	0	0	0
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	81 LM	480.00/LM	38,880.00	100	81	38,880.00
510	RIGHT-OF-WAY MARKERS	38	50.00 EA.	1,900.00	100	38	1,900.00
						TOTAL	₱ 4,679,032.40

LEGEND:

** Partial
* Completed

A P P E N D I C E S

APPENDIX A - MANPOWER SCHEDULE, CONSULTANT'S STAFF FOR CONSTRUCTION-SUPERVISION

* Sub-project 1, Segment "B"
  Libmanan Bridge-Cabusao Section

* Sub-project 3, Contract Package No. 1
  Calabanga-Manguiring Bridge Section

* Sub-project 3, Contract Package No. 3
  Seven Bridges, Calabanga-Tinambac Road

* Sub-project 3, Contract Package No. 2
  Manguiring Bridge-Tinambac Section

* Sub-project 2
  Danao-Pasacao Road

APPENDIX B - EMPLOYMENT GENERATION SURVEY (SS3)

* Techniks Group Corporation
  (Consultant, Package I)

* Kamagong Builders & Developers Corporation
  (Contractor, Calabanga-Manguiring Bridge Section)

* Kamagong Builders & Developers Corporation
  (Contractor, Manguiring Bridge-Tinambac Section)

* CBT Construction & Equipment Corporation
  (Contractor, Danao-Pasacao Road)

APPENDIX C - CERTIFICATION

BICOL RIVER BASIN DEVELOPMENT PROGRAM
San Jose, Pili, Cam. Sur

*EMPLOYMENT GENERATION SURVEY (SS3)

NAME OF CONTRACTOR TECHNICS GROUP CORPORATION

FOR THE MONTH OF JUNE, 1990

	ADMINISTRATIVE/ FINANCE	ENGINEERING/ TECHNICAL	SKILLED	UNSKILLED
MANILA - BASED 1/	1	12		
LOCAL - HIRED 2/	4	12		7
SUB-CONTRACTORS 3/				
TOTAL	5	24		7

1/ Includes permanent employees

2/ Employees residing within the Basin Area

3/ Local Hired Only

Submitted by:

OSCAR G. CARAGAY
Project Manager

APPENDIX "B"

Bicol River Basin Development Program
San Jose, Pili, Cam. Sur

EMPLOYMENT GENERATION SURVEY (SS3)

NAME OF CONTRACTOR KAMAGONG BUILDERS AND DEVELOPERS CORPORATION (Calabanga-Manguiring Section)

FOR THE MONTH OF JUNE, 1980

	ADMINISTRATIVE/ FINANCE	ENGINEERING/ TECHNICAL	SKILLED	UNSKILLED
MANILA-BASED 1/	3	3	7	-
LOCAL - HIRED 2/	-	3	12	5
SUB-CONTRACTORS 3/	-	-	6	4
TOTAL	3	6	25	9

1/ Include permanent employees

2/ Employees residing within the Basin Area

3/ Local Hired Only

Concurred In:

ALEJANDRO DESEO
Resident Engineer

Submitted by:

NEMESIO D. HERAMIS
Project Engineer

Bicol River Basin Development Program
San Jose, Pili, Cam. Sur

*EMPLOYMENT GENERATION SURVEY (SSS)

NAME OF CONTRACTOR KANAGONG BUILDERS & DEVELOPERS CORPORATION (Nanguiring Bridge-Tinambac Section)

FOR THE MONTH OF JUNE, 1980

	ADMINISTRATIVE/ FINANCE	ENGINEERING/ TECHNICAL	SKILLED	UNSKILLED
MANILA - BASED 1/	1	1	6	-
LOCAL - HIRED 2/	-	5	7	2
SUB-CONTRACTOR 3/	-	-	1	-
T O T A L	1	6	14	2

1/ Includes permanent employees

2/ Employees residing within the Basin Area

3/ Local Hired Only

Submitted by:

AMOR R. FAGUYO
Actg. Project Engineer

CONCURRED IN:

LUIS C. COMILLA
Resident Engineer, TCC

APPENDIX "B"

NICOL RIVER BASIN DEVELOPMENT PROGRAM
San Jose, Pili, Cam. Sur

*EMPLOYMENT GENERATION SURVEY (SS3)

NAME OF CONTRACTOR CIT CONSTRUCTION & EQUIPMENT CORPORATION

FOR THE MONTH OF JUNE, 1980

	ADMINISTRATIVE/ FINANCE	ENGINEERING/ TECHNICAL	SKILLED	UNSKILLED
MANILA - BASED 1/	1	3	3	-
LOCAL - HIRED 2/	2	1	5	39
SUB-CONTRACTORS 3/	-	1	-	107
TOTAL	3	5	8	145

1/ Includes permanent employees
2/ Employees residing within the Basin Area
3/ Local Hired Only

Submitted by:

CORRADO S. P. GONZALES
Project Manager, CIT

CONCURRED BY:

ROBERTO R. SUNTE
Resident Engineer, TCC

APPENDIX "B"

MANPOWER SCHEDULE OF CONSULTANT'S STAFF FOR CONSTRUCTION SUPERVISION

	NAMES	POSITION	MAN MONTHS
STAFF	O. G. CARAGAY	PROJECT MANAGER	33
	C. LAURON/C. [illegible]	SR. HWY. ENGR./R.E.	33
	L. SEBRILLA	SR. BR. ENGR./R.E.	33
	R. SANCHEZ	SR. MTL. ENGR./R.E.	33
	F. CRUZ	SR. LDC. ENGINEER	33
	E. ROSALES	ADM. OFFICER	33
	R. MALLENGREZ	BOOKKEEPER/PAYMASTER	33
	D. MORENO	MESSENGER/JANITRESS	33
	[illegible]	SECURITY GUARD (5)	33
		SUBTOTAL	99

SUBPROJECT I, SEGMENT "X" - SAN BIORO-LIBMANAN BRIDGE SECTION

			MAN MONTHS
SUPPORT STAFF	A. RIVERA	RESIDENT ENGINEER	SAME AS KEY STAFF
	A. SUNICO	MATERIALS ENGR.	2
	J. VILLAR	ENGR. INSP. (HWY.)	13
	R. SUEN	FLD. UTILITY ENGR.	15
	S. SERRIGUELA	ENGR. INSP. (BR.)	15
	M. CANONOY	SURVEYMAN/DRAFTSMAN	12
	A. MARQUEZ	CE AIDE/TECHNICIAN	15
	J. ALIPOND	CLERK - TYPIST	14
	Z. ESTRELLA	LABORER/SURVEY AIDE	14
		SUBTOTAL	14

SUBPROJECT I, SEGMENT "Y" - LIBMANAN BRIDGE - CABUSAO SECTION

	NAMES	POSITION	MAN MONTHS
SUPPORT STAFF	C. MIRANDA	SR. HWY. ENGR./R.E.	SAME AS KEY STAFF
	S. FLORENCIO	MATERIALS ENGR.	11
	A. MENDOZA	ENGR. INSPECTOR	15
	M. CULANGO	FLD. UTILITY ENGR.	14
	R. BICALDO	SURVEYMAN/DRAFTSMAN	14
	C. MADARIA	CE AIDE/TECHNICIAN	15
	D. ENRILEA	CLERK - TYPIST	14
	G. dela CRUZ	SURVEY AIDE	14
		SUBTOTAL	14

appendix A

MANPOWER SCHEDULE OF CONSULTANT'S STAFF FOR CONSTRUCTION SUPERVISION

SUBPROJECT 3, CONTRACT PACKAGE NO. 1-CALABANGA-MANGUIRING BRIDGE SECTION

	NAMES	POSITION	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	MAN MONTHS
STAFF	A. DESEO	RESIDENT ENGINEER	SAME AS KEY STAFF	9.5
	J. HERNANDEZ	MATERIALS ENGINEER		15
	A. RAMIRO	ENGR INSPECTOR (HWY.)		16
	F. ANCOLA	FLD. UTILITY ENGR.		16
	E. ORBITA	SURVEYMAN/DRAFTSMAN		17
	R. CELIS	CE AIDE/TECHNICIAN		18
	B. DAZAL	CLERK-TYPIST		18
	M. BALAGAT	SURVEY AIDE/LABORER		18
			SUBTOTAL	

SUBPROJECT 3, CONTRACT PACKAGE NO.2-MANGUIRING BRIDGE-TINAMBAC SECTION

	NAMES	POSITION	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	MAN MONTHS
SUPPORT STAFF	R.SANTOS/L.GONILLA	SR.BR.ENGR./R.E.	SAME AS KEY STAFF	18
	A.C. SUNICO	MATERIALS ENGR.		18
	S. BORJA	ENGR. INSP. (HWY.)		16
	B.dela PENA	FIELD UTILITY ENGR.		16
	M. CARONOY	SURVEYMAN/DRAFTSMAN		17
	E.VILLENA	CLERK/TYPIST		18
	S.BATALLA	C.E. AIDE/TECH.		18
	R. MAGPANTAY	SURVEY AIDE (LABORER)		18
			SUBTOTAL	

SUBPROJECT 3, CONTRACT PACKAGE NO. 3-BRIDGES, CALABANGA-TINAMBAC ROAD

	NAMES	POSITION	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	MAN MONTHS
SUPPORT STAFF	L. GONILLA	SR. BR. ENGR./RE.	SAME AS KEYSTAFF	5
	A. C. SUNICO	MATERIALS ENGR.	SAME AS IN CONTRACT PACKAGE NO. 2	0
	R. MEDINA	ENGR. INSP. (BR.)		16
	E. SANTIAGO	FIELD UTILITY ENGR.		16
		SURVEYMAN/DRAFTSMAN	SAME AS IN CONTRACT PACKAGE NO. 2	0
		CLERK/TYPIST	-do-	0
		C.E. AIDE/TECH.	-do-	0
		SURVEY AIDE (LABORER)	-do-	0
			SUBTOTAL	

appendix A

MANPOWER SCHEDULE OF CONSULTANT'S STAFF FOR CONSTRUCTION SUPERVISION

SUBPROJECT 2, DANAO-PASACAO ROAD

	NAMES	POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MAN MONTHS
			MAR	JAN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
SUPPORT STAFF	R. SAMONTE	SR. MTL. ENGR / R.E.	SAME AS KEY STAFF																								0
	R. PAGKATIPUNAN	MATERIALS ENGR.	[redacted]																								17
	A. RIVERA	ENGR. INSPECTOR (HWY)	[redacted]																								16
	A. PAYTE	ENGR. INSPECTOR (BR)					[redacted]																				15
	R. CADAG	FLD. UTILITY ENGR.	[redacted]																								16
	G. GERONA	SURVEYMAN/ DFT'MAN	[redacted]																								16
	N. TORIBIO	C.E. AIDE / TECH	[redacted]																								16
	E. TAN y BOROC	CLERK / TYPIST	[redacted]																								16
	R. ALVARAN	SURVEY AIDE (LABORER)	[redacted]																								16
																										SUBTOTAL	

appendix A

APPENDIX B

JUNE 30, 1980

C E R T I F I C A T I O N

This is to certify that this Monthly Construction Progress Report submitted to the Ministry of Public Highways in compliance with paragraph 3.02, article III of the contract for Engineering Services are the actual accomplishment of the respective contractors and other information included thereat are true and correct.

OSCAR G. CARAGAY
Project Manager