PD-AAM-393
ISN=27546

498024900/53

REPUBLIC OF THE PHILIPPINES

MINISTRY OF PUBLIC HIGHWAYS

MANILA

BICOL RIVER BASIN DEVELOPMENT PROJECTS SECONDARY & FEEDER ROADS

CAMARINES SUR

PACKAGE I

RECEIVED

MONTHLY CONSTRUCTION REPORT

APRIL, 1980

TECHNICS GROUP CORP.
CONSULTING ENGINEERS
PHILIPPINES

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. 20
(SUB-PROJECT 1, SEGMENT "B")

CALABANGA–MANGUIRING BRIDGE SECTION – REPORT NO. 17
(SUB-PROJECT 3, CONTRACT PACKAGE NO. 1)

BRIDGES, CALABANGA–TINAMBAC ROAD – - REPORT NO. 15
(SUB-PROJECT 3, CONTRACT PACKAGE NO. 3)

MANGUIRING BRIDGE–TINAMBAC SECTION - - REPORT NO. 14
(SUB-PROJECT 3, CONTRACT PACKAGE NO. 2)

DANAO – PASACAO ROAD - - - - - REPORT NO. 12
(SUB-PROJECT 2, CONTRACT PACKAGE NO. 1)

TECHNIKS GROUP CORP.
CONSULTING ENGINEERS
PHILIPPINES

TABLE OF CONTENTS

FIGURE 1 . . . . . LOCATION PLAN

SUMMARY OF PROJECT STATUS . . . . . A to E

Sub-project 1, Segment "B" - LIBMANAN BRIDGE-CABUSAO SECTION

Report No. 20

Progress Report . . . . . A-1 to A-2
Bar Schedule and Progress of Work (Annex "A-C"). A-3
Itemized Computed Accomplishment (Annex "A-D") . . . . . A-4 to A-5

Sub-project 3, Contract Package No. 1 - CALABANGA-MANGUIRING BRIDGE SECTION

Report No. 17

Progress Report . . . . . B-1 to B-8
Weather Report B-9
Contractor's Staff (Annex "B-A") B-10
Contractor's List of Equipment (Annex "B-B") B-11
Bar Schedule and Progress of Work (Annex "B-C") B-12
Itemized Computed Accomplishment (Annex "B-D") . . . . . B-13 to B-15

Sub-project 3, Contract Package No. 3 - BRIDGES, CALABANGA-TINAMBAC ROAD

Report No. 15

Progress Report C-1
Bar Schedule and Progress of Work (Annex "C-C") C-2
Itemized Computed Accomplishment (Annex "C-D") C-3

Sub-project 3, Contract Package No. 2 - MANGUIRING BRIDGE-TINAMBAC SECTION

Report No. 14

Progress Report . . . . . D-1 to D-4
Weather Report D-5
Contractor's Staff (Annex "D-A") D-6
Contractor's List of Equipment (Annex "D-B") D-7
Bar Schedule and Progress of Work (Annex "D-C") D-8
Itemized Computed Accomplishment (Annex "D-D") . . . . . D-9 to D-11

Sub-project 2, - DANAO-PASACAO ROAD

Report No. 12

Progress Report . . . . . E-1 to E-10
Weather Report E-11
Contractor's Staff (Annex "E-A") E-12
Contractor's List of Equipment (Annex "E-B") E-13
Bar Schedule and Progress of Work (Annex "E-C") E-14
Itemized Computed Accomplishment (Annex "E-D") . . . . . E-15 to E-17

A P P E N D I C E S

Appendix A - Manpower Schedule, Consultant's Staff For Construction-Supervision

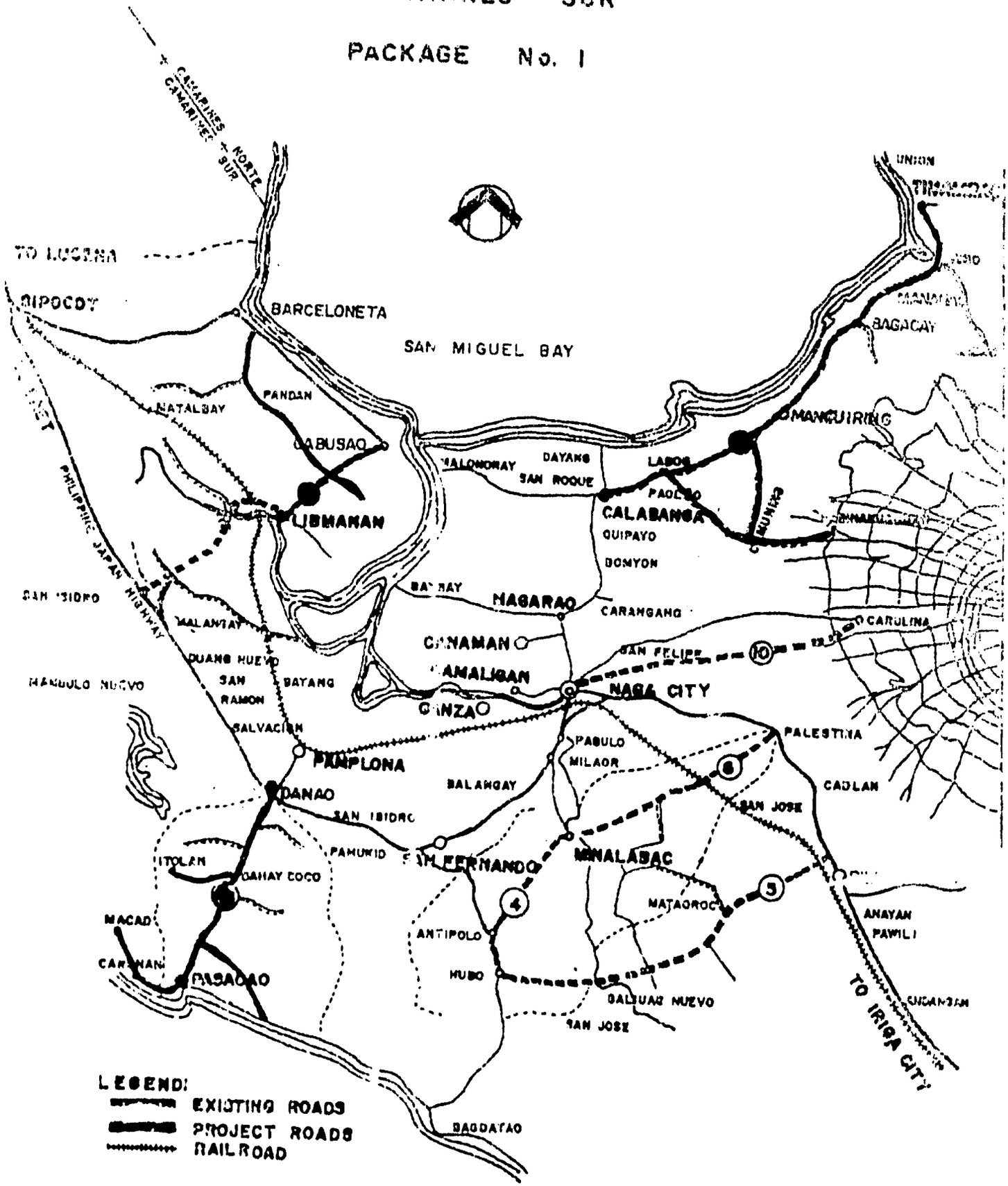
Appendix B - CERTIFICATION

FIGURE

BICOL RIVER BASIN DEVELOPMENT PROJECT

SECONDARY AND FEEDER ROADS
CAMARINES SUR

PACKAGE No. 1



LOCATION PLAN

SUMMARY OF PROJECT STATUS

As of April 25, 1980

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 - - - - - - - - - - - - - - - - - - 12.913 Kms.

Feeddr Road 302 - - - - - - - - - - - - - - - - - - 5.298 Km.

TOTAL CONTRACT COST - ₱8,788,666.90

TOTAL AMOUNT OF ACCOMPLISHMENT AS OF APRIL 25, 1980 - - - - ₱4,018,826.68

PERCENT (%) ACCOMPLISHMENT AS OF APRIL 25, 1980 - - - - - - - 45.72%

TITLE	PERCENT(%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	70.39	0.03	1.60	2.27
B. SECONDARY ROAD	32.30	1.98	15.75	48.77
C. FEEDER ROADS				
Feeder Road 301	60.16	1.26	24.42	40.60
Feeder Road 302	47.22	0	3.95	8.36
T O T A L		3.27	45.72	100.00

TOTAL CONTRACT TIME - 549 Days

TOTAL TIME EXTENSION RECOMMENDED DUE TO
BAD WEATHER AS OF APRIL 25, 1980 - - - - - - - - - - - - 56 Days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - - - 71.04%

PERCENT (%) SLIPPAGE - 39.39 (-)

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 APRIL 25, 1980 - - - ₱3,224,015.63

PERCENT (%) ACCOMPLISHMENT AS OF APRIL 25, 1980 - - - - 20.194%

TITLE	PERCENT (%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERAL	25.82	0	0.1564	0.61
B. SECONDARY ROAD	22.69	3.6280	20.0376	88.32
C. FEEDER ROAD 303	0	0	0	11.07
T O T A L		3.6280	20.194	100.00

TOTAL CONTRACT TIME - 540 Days

TOTAL TIME EXTENSION RECOMMENDED DUE TO
BAD WEATHER AS OF APRIL 25, 1980 - - - - - - - - - - - - - - - - 85 Days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - - - - - - 59.26%

PERCENT (%) SLIPPAGE - 29.31% (-)

NAME OF PROJECT: Danao-Pasacao Road

DATE OF BIDDING: April 26, 1978

DATE STARTED: May 18, 1979

LEVEL OF IMPROVEMENT:

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

Feeder Road 203 - - - - - - - - - - - - - 1.851 Kms.

TOTAL CONTRACT COST - - - - - - - - - - - - - - - - ₱11,635,128.50

TOTAL AMOUNT OF ACCOMPLISHMENT AS OF APRIL 25, 1980 - - ₱4,007,067.80

PERCENT (%) ACCOMPLISHMENT AS OF APRIL 25, 1980 - - - 34.43%

TITLE	PERCENT (%) ACCOMPLISHMENT SECTION	PERCENT (%) PROJECT		
		THIS PERIOD	ACCUMULATED TO-DATE	TOTAL
A. GENERALS	55.39	0.02	0.88	1.59
B. SECONDARY ROADS	20.32	0.88	13.68	67.33
C. FEEDER ROADS				
Feeder Road 201	46.51	0.51	4.06	8.72
Feeder Road 202	70.32	1.44	13.85	19.69
Feeder Road 203	74.50	0.73	1.96	2.67
T O T A L		3.58	34.43	100.00

TOTAL CONTRACT TIME - 510 Days

TOTAL TIME EXTENSION RECOMMENDED DUE TO
BAD WEATHER AS OF APRIL 25, 1980 - - - - - - - - - - - 33 Days

PERCENT (%) CONTRACT TIME ELAPSED - - - - - - - - - - - - - - 59.84%

PERCENT (%) SLIPPAGE - 26.05% (-)

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

MONTHLY CONSTRUCTION REPORT

for

Sub-project 1
Segment "B"

LIBMANAN BRIDGE-CABUSAO SECTION
Secondary Road

PUROBATYA-USON NO. 103
LIBMANAN-PATAC-BARCELONITA NO. 104
Feeder Roads

NO. 20

APRIL, 1980

TECHNIKE GROUP CORPORATION

PROGRESS REPORT NO. 20

April, 1980

PROJECT: LIBMANAN BRIDGE-CABUSAO SECTION

CONTRACTOR: R. L. UMALI CONSTRUCTION CORPORATION

1. 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.

2. 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 - -	3,783.94 sq.m.

2. Bridges:

Sub-structure - - - - - - - -	22.20L.M. 100%
Superstructure - - - - - - -	22.20L.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:

Sub-structure - - - - - - - - - 24.00 L.M. 100%

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

ITEMIZED COMPUTED ACCOMPLISHMENT

(As of April 25, 1980)

LIBMANAN BRIDGE-CABUSAO SECTION

Sheet 1

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLIS. Percentage Based on Bid Quantities	Quantity/ Volume	VALUE
1.60-1	FORCED ACCOUNT WORK	22 Km. P	11,000.00	242,000.00	82.65	164 Km. P	200,000
1.60-2	PROVIDE MAINTENANCE LABORATORY AND OFFICE	15 Mos.	3,500.00	52,500.00	93.33	14 Mos.	49,000
1.60-3	PROVIDE 1UNIT 4 WHEEL DRIVE VEHICLE		LUMP SUM	65,000.00	100.00	-	65,000
1.60-4	PROVIDE 1 UNIT UTILITY VEHICLE		LUMP SUM	31,000.00	100.00	-	31,000
1.60-5	LABORATORY & OFFICE FOR ENGINEER		LUMP SUM	78,000.00	0	-	0
100	CLEARING AND GRUBBING	4.4 Ha.	8,000.00	17,600.00	100.00	4.4 Ha.	17,600
105	ROADWAY AND DRAINAGE EXCAVATION	48,814 Cu.m.	12 & 16.30	627,234.00	100.00	48,814	627,234
103-1	REMOVAL OF BRIDGES (TIMBER BRIDGE)	2	2,300.00	4,600.00	100.00	2	4,600
103-2	REMOVAL OF CULVERTS	15	1,500.00	7,500.00	100.00	15	7,500
106	EXCAVATION FOR STRUCTURE	2,552 Cu.m.	54.00	45,936.00	100.00	2,552	45,936
107	BORROW	126,715 Cu.m.	70.00	8,869,180.00	91.58	116,045.59	2,912,815
108	AGGREGATE SUBBASE	50,200 Cu.m.	142.00	2,857,960.00	54.87	27,544.74	1,858,987
110	FOUNDATION FILL	381 Cu.m.	144.00	18,288.00	100.00	381	18,288
111	OVERHAUL	2,782 Cu.m.	0.30	834.60	100.00	2,782	834
200	AGGREGATE BASE COURSE GRADING"B"	150 Cu.m.	52.00	7,800.00	0	0	0
316	PORLAND CONCRETE PAVEMENT (0.20 M.)	57,740 Sq.m.	77.00	4,445,980.00	7.19	4,151.51	319,548
401	TIMBER (DETOUR) TRESTLE SUPERSTRUCTURE	4 Span	12,000.00	48,000.00	100.00	4 Span	48,000
402-2.5	PRECAST CONCRETE PILES	334 L.M.	1,120.00	187,040.00	100.00	334	187,040
402-2.5A	CONCRETE TEST PILES	5	22,000.00	55,000.00	100.00	5	55,000
403	CONCRETE RAILING	42 L.M.	170.00	7,140.00	100.00	42	7,140
405	CONCRETE CLASS "A" (HEADWALLS & MISC STRUCTURE)	241 Cu.m.	2,250.00	180,750.00	98.81	238.13	177,795
405-1	CONCRETE CLASS "A" (BRIDGES)	114 Cu.m.	1,560.00	88,920.00	100.00	114	88,920
406	REINFORCING STEEL	21,285 Cu.m.	18.00	127,710.00	100.00	21.285	127.710
407	STRUCTURE STEEL (BOTILLA BRIDGE)	240 Ks.	13.00	3,120.00	100.00	240.	3,120

ITEMIZED COMPUTED ACCOMPLISHMENT

(As of April 25, 1980)

LIBMANAN BRIDGE-CABUSAO SECTION

ITEM No.	DESCRIPTION	BID QUANTITY	UNIT COST	AMOUNT	COMPUTED ACCOMPLSH. Percentage Based on Bid Quantities	Quantity/ Volume	VALUE
413-1	0.46 M.Ø REINFORCED CONCRETE PIPE	80 L.M.	200.00	16,000,00	76.25	61	12,200.00
413-2	0.60 M.Ø REINFORCED CONCRETE PIPE	157 L.M.	840.00	43,960.00	96.64	151.72	40,[illegible]20.00
413-3	0.90 M.Ø REINFORCED CONCRETE PIPE	246 L.M.	1,560.00	137,280.00	100.00	264	137,280.00
413-4	1.20 M.Ø REINFORCED CONCRETE PIPE	143 L.M.	2,640.00	125,840.00	100.00	143	125,840.00
500	RIPRAP AND GROUTED	108 Cu.m.	160.00	17,280.00	100.00	108	17,280.00
502	COMBINATION CONCRETE CURB & GUTTER (CURB ONLY)	150 L.M.	46,00	6,900.00	100.00	150	6,900.00
510	RIGHT-OF-WAY MARKERS	328	150.00	16,400.00	100.00	328	16,400.00
SPL	CONCRETE BARRIERS	145	50.00	21,750.00	0	0	0
		TOTAL ----- P		12,144,402.60			7,202,291.63

A-85

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-BINANUAANAN NO. 301
MANGUIRING-CAMUNING NO. 302
Feeder Roads

NO. 17

APRIL, 1980

TECHNICS GROUP CORPORATION

PROGRESS REPORT NO. 17

April 1980

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

CONTRACTOR: KAMAGONG BUILDERS AND DEVELOPERS CORPORATION

1. GENERAL:

This seventeenth monthly report covers the progress of construction for the month of April 1980.

The construction activities are as follows:

a) Survey Works

b) Earthwork Operation

c) Formworks, cutting, bending and placing reinforcing steel bars for 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 the unworkable condition on the site caused by Typhoon "Bering", work was suspended on March 26, 1980. But the weather condition for the rest of the period is generally good.

3. MOBILIZATION:

Again, to mention in this report, the Contractor has not completed the mobilization of equipment and personnel as of todate. Considering the time suspension recommended due to bad weather, the time elapsed in the contract is already 71.04 % as of this report.

With the available equipment on the site, majority of the Contractor's activities were on earthwork operation, but the progress of work is quite very slow. The main reasons are the following:

a) The badly needed equipment, such as power graders bulldozers and rollers are being utilized in the Contract Package 2, Project (MANGUIRING BRIDGE-TINAMBAC SECTION), most of the time.

b) Procurement of spare parts and repair of broken down equipment are quite very slow.

c) Idle equipment available at the project site are not mobilized due to lack of operators.

Other equipment pledged by the Contractor for this project should be brought in, to hasten the progress of construction and start the production of crushed aggregate base course and other aggregates needed by the project. The two-bagger concrete mixers and additional concrete vibrators should also be brought in and hire additional skilled laborers, so that the remaining cross drainage culverts on the Secondary Road could be started.

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

The Contractor's Staff consist of thirty three (33) men, shown in the attached List of Personnel, Annex "B-A", with their respective designation and assignment.

The Contractor has not made any improvement in our Laboratory or supply additional equipment, as of todate

4. PROGRESS OF WORK:

The tota l work accomplished todate is 45.72 % while the time elapsed is already 71.04 % (including time time suspension recommended due to bad weather)

A. SECONDARY ROAD:

Survey Work:

1. Checking accomplished work from Sta. 6 + 450 to Sta. 7 + 200.
2. Checking subbase from Sta. 0 + 000 to Sta. 0 + 500.
3. Checking subgrade from Sta. 9 + 500 to Sta. 9 + 904.

Earthwork:

ITEM 105 - ROADWAY AND DRAINAGE EXCAVATION:

With the available equipment on the site, the Contractor resumed earthwork operation on the following road sections:

Sta. 0 + 000 to Sta. 2 + 050

Sta. 3 + 050 to Sta. 4 + 200

ITEM 106 - EXCAVATION FOR STRUCTURES:

As soon as the portion of box culvert was completed at Sta. 7 + 175 (left side), the Contractor started back-filling the structural excavation.

ITEM 108 - AGGREGATE SUBBASE CLASS"A":

For this item of work, the Contractor continue hauling, spreading and compacting subbase materials on the following sections:

ITEM NO	DESCRIPTION		EST SCHED
06-1	FORCE ACCOUNT WORK		1.980
06-2	PROVIDE MAINTAIN LABORATORY & OFFICE		0.430
06-3	PROVIDE 1 UNIT-4 WHEEL DRIVE VEHICLE		0.540
06-4	PROVIDE 1 UNIT UTILITY VEHICLE		0.260
06-5	LABORATORY & OFFICE FOR ENGINEER		0.640
00	CLEARING AND GRUBBING	SEC.RD	0.060
		FR.-103	0.080
05	ROADWAY AND DRAINAGE EXCAVATION	SEC.RD	0.500
		FR-103	3.380
		FR-104	1.200
03-1	REMOVAL OF BRIDGES (TIMBER BRIDGE)	SEC.RD	0.040
03-2	REMOVAL OF CULVERTS	SEC.RD.	0.040
		FR-103	0.010
		FR-104	0.020
06	EXCAVATION FOR STRUCTURE	SEC.RD	0.270
		FR.-103	0.080
		FR.-104	0.030
07	BORROW	SEC.RD.	15.020
		FR.-103	1.990
		FR-104	7.850
08	AGGREGATE SUBBASE	SEC. RD.	14.850
		FR.-103	2.200
		FR-104	2.600
10	FOUNDATION FILL	SEC.RD	0.110
		FR-103	0.030
		FR-104	0.010
11	OVERHAUL	SEC.RD	0.010
00	AGGREGATE BASE COURSE GRADING "B"	SEC.RD.	0.060
16	PORTLAND CONCRETE PAVEMENT (0.20M)	SEC.RD.	36.610
01	TIMBER (DETOUR) TRESTLE SUPERSTRUCTURE	FR-104	0.400

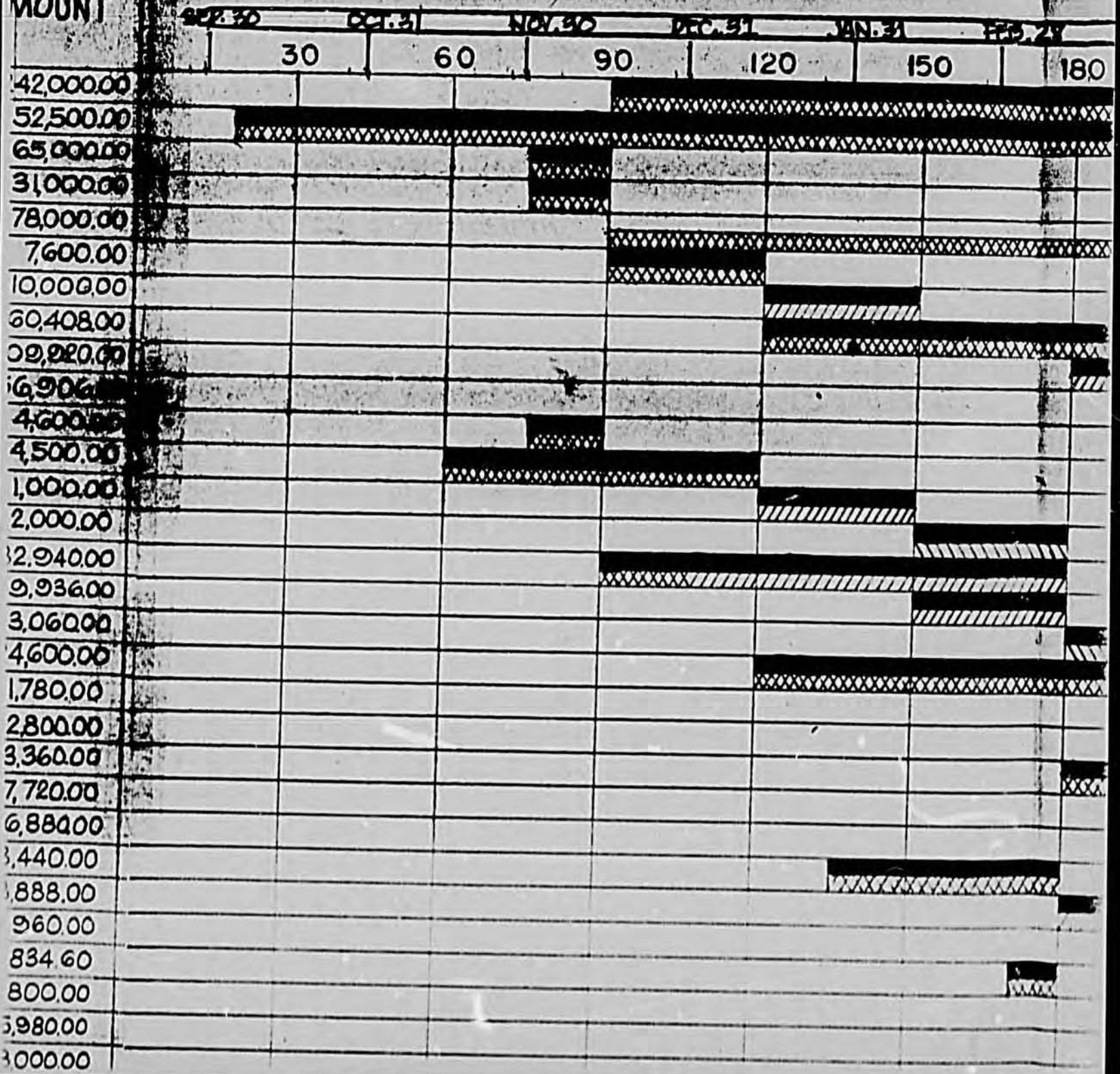
SE
START O

ESTIMATED WEIGHT			[redacted]		
SCHEDULED	ACCOMPLISHED		QUANTITY	UNIT COST	AMOUNT
	ITEM	PROJECT			
1.990	82.65	01.65	22 KM.	11,000.00	242,000.00
0.430	93.33	00.40	15 Mos.	3,500.00	52,500.00
0.540	100.00	00.54		LUMP SUM	65,000.00
0.260	100.00	00.26		LUMP SUM	31,000.00
0.640	00.00	00.00		LUMP SUM	78,000.00
RD 0.060	100.00	00.06	1.9 Ha.	4,000.00	7,600.00
03 0.080	100.00	00.08	2.5 Ha.	4,000.00	10,000.00
RD 0.500	100.00	00.50	5,034 Cu.M.	12.00	60,408.00
03 3.380	100.00	03.38	34,160 Cu.M.	12.00	409,920.00
04 1.290	100.00	01.29	9,620 Cu.M.		156,906.00
RD 0.040	100.00	00.04	2	2,300.00	4,600.00
RD 0.040	100.00	00.04	9	500.00	4,500.00
03 0.010	100.00	00.01	2	500.00	1,000.00
04 0.020	100.00	00.02	4	500.00	2,000.00
RD 0.270	100.00	00.27	1,830 Cu.M.	18.00	32,940.00
03 0.080	100.00	00.08	552 Cu.M.	18.00	9,936.00
04 0.030	100.00	00.03	170 Cu.M.	18.00	3,060.00
RD 15.020	100.00	15.02	76,025 Cu.M.	24.00	1,824,600.00
03 1.990	81.11	01.61	10,990 Cu.M.	22.00	241,780.00
04 7.850	93.63	07.35	39,700 Cu.M.	24.00	952,800.00
RD 14.850	91.62	13.61	37,570 Cu.M.	48.00	1,803,360.00
03 2.200	[illegible]	01.19	5,820 Cu.M.	46.00	267,720.00
04 2.690	[illegible]	00.91	6,810 Cu.M.	48.00	326,880.00
RD 0.110	[illegible]	00.11	280 Cu.M.	48.00	13,440.00
03 0.030	[illegible]	[illegible]	81 Cu.M.	48.00	3,888.00
04 0.010		[illegible]	20 Cu.M.	48.00	960.00
RD 0.010		[illegible]	2,782 Cu.M.	0.30	834.60
RD 0.060	[illegible]	[illegible]	150 Cu.M.	52.00	7,800.00
RD 36.610	07.19	[illegible]	57,740 Sq.M.	77.00	4,445,980.00
04 0.400	100.00	00.40	4 SPAN.	12,000.00	48,000.00
[illegible]			[illegible]	560.00	[illegible]

BAR SCHEDULE OF OF LIBMANAN BRIDGE- CABUSAO

SEPT [illegible], 1978

RT OF CONTRACT



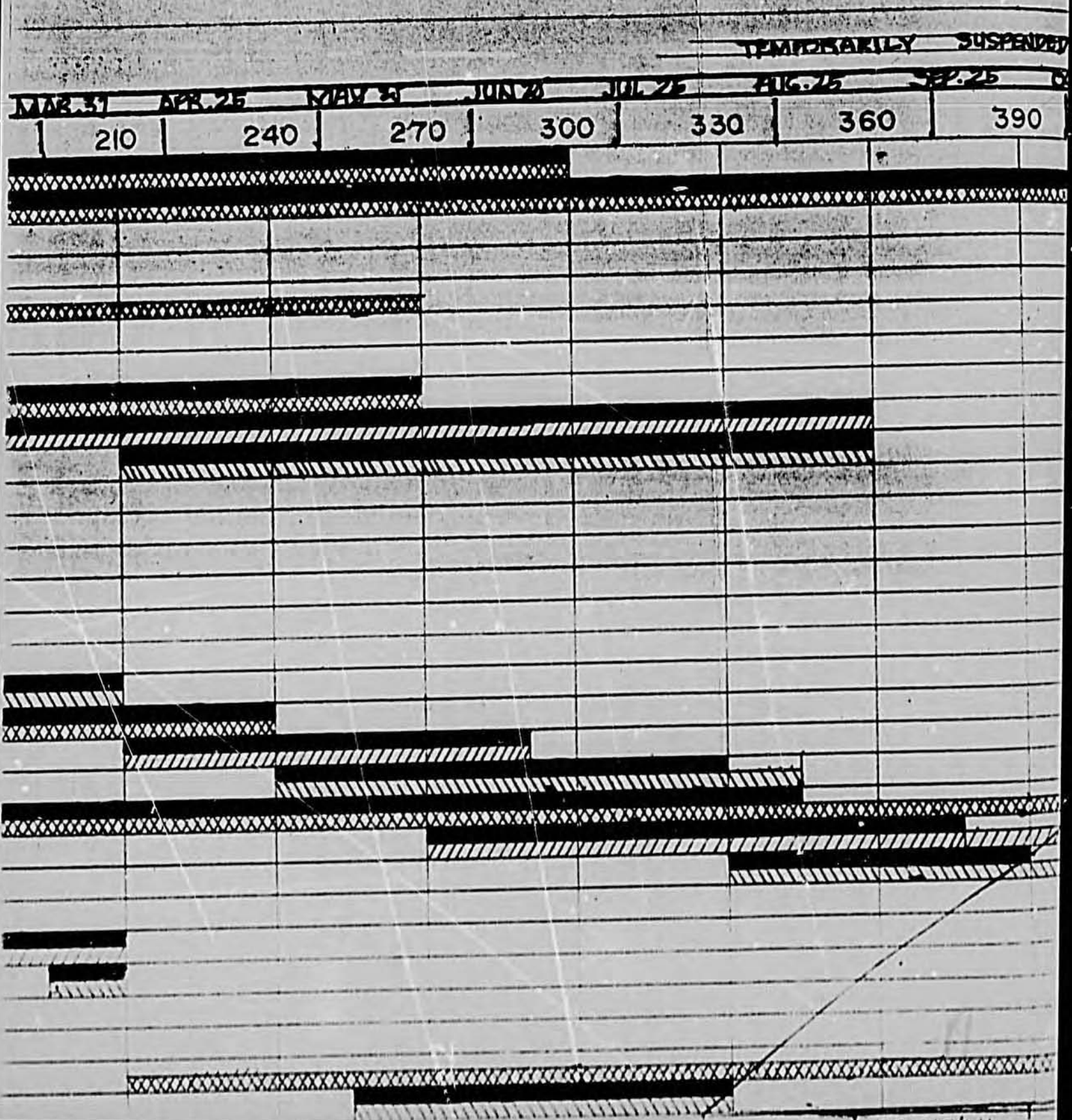
WORK

SECTION

ACTUAL ACCOMPLISHMENT

SCHEDULED WORK (SEC. RD.)

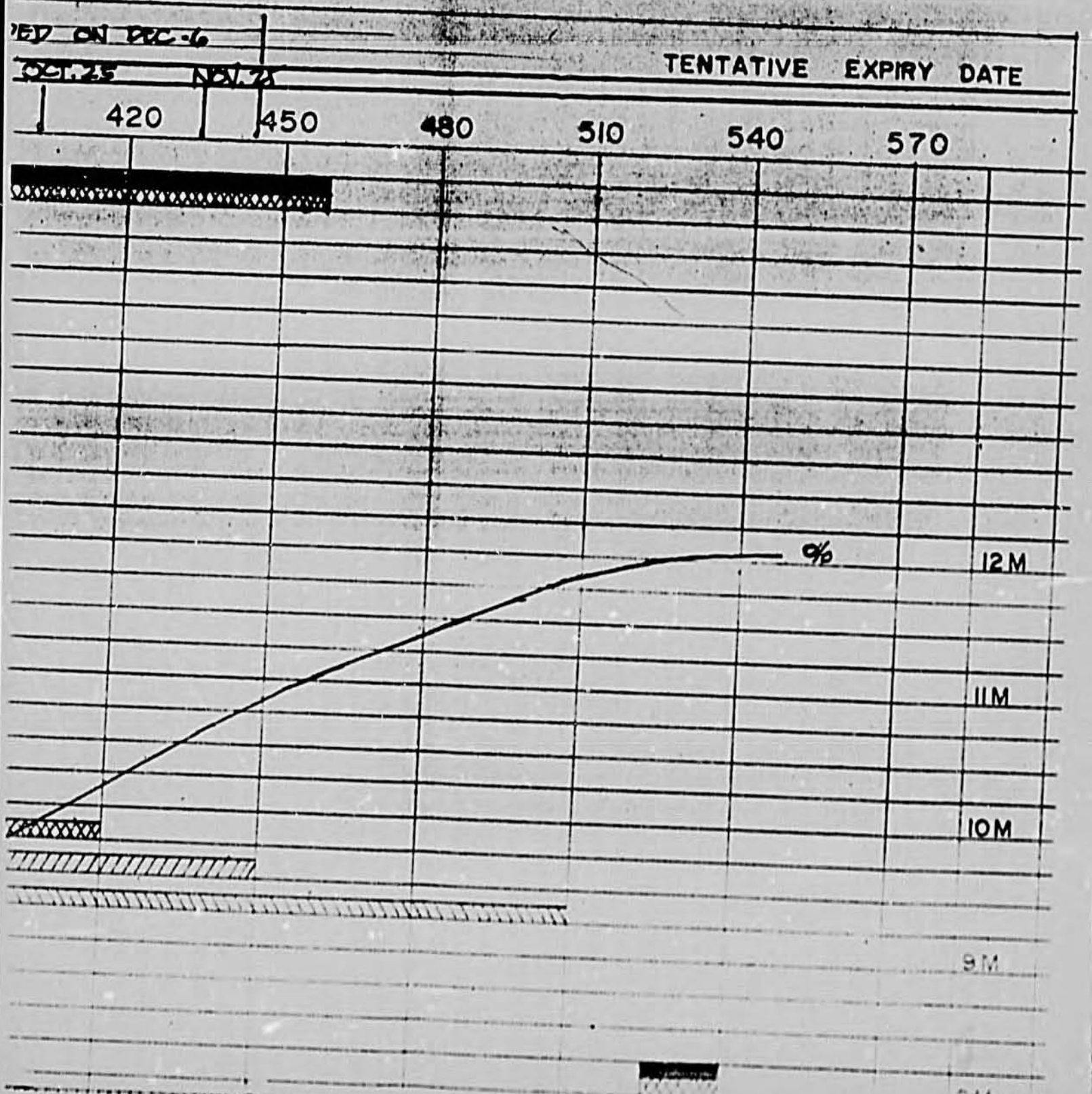
PROGRESS THIS REPORT



ANNEX "A-C"

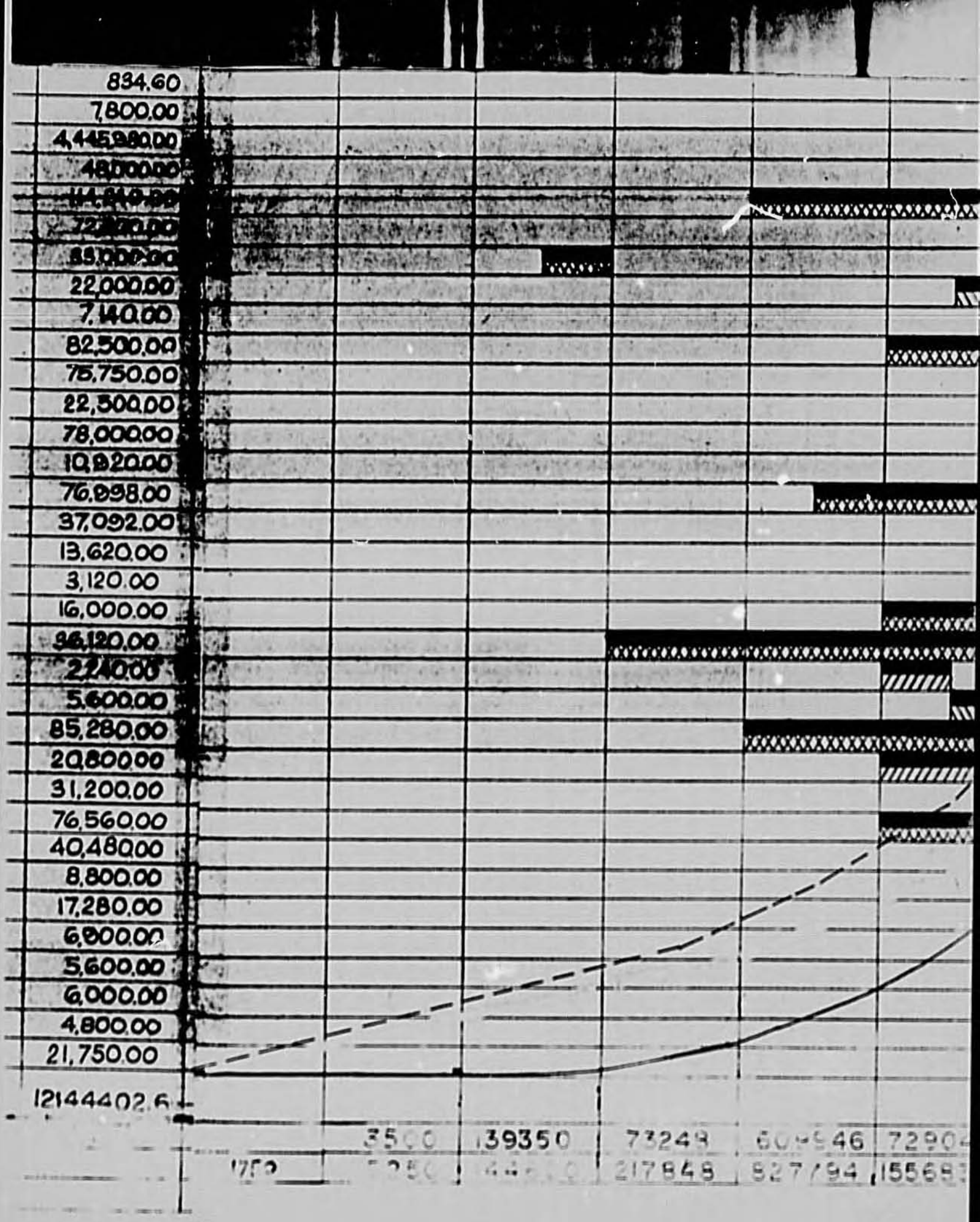
SCHEDULED WORK (FR. 103)

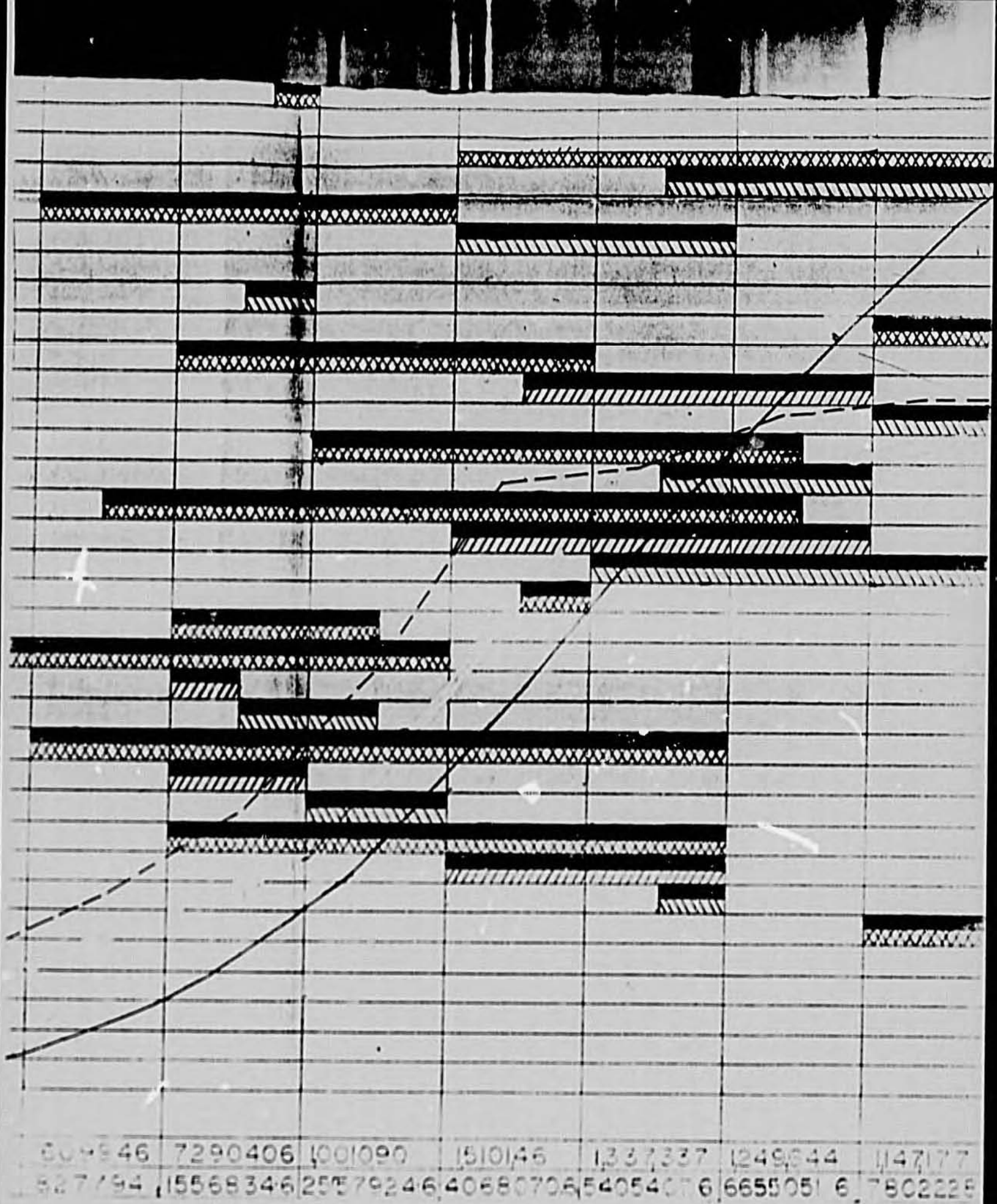
SCHEDULED WORK (FR. 104)

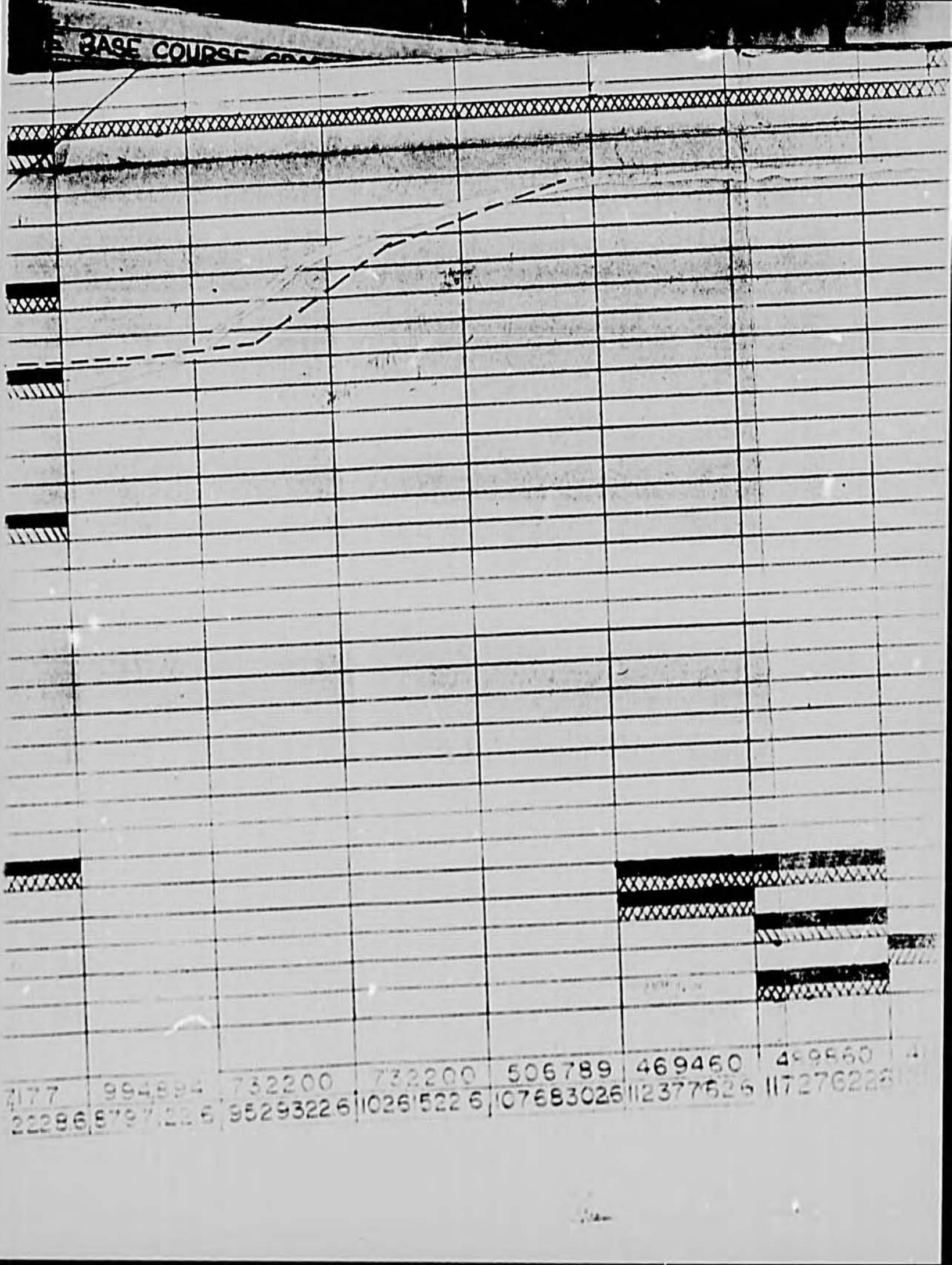


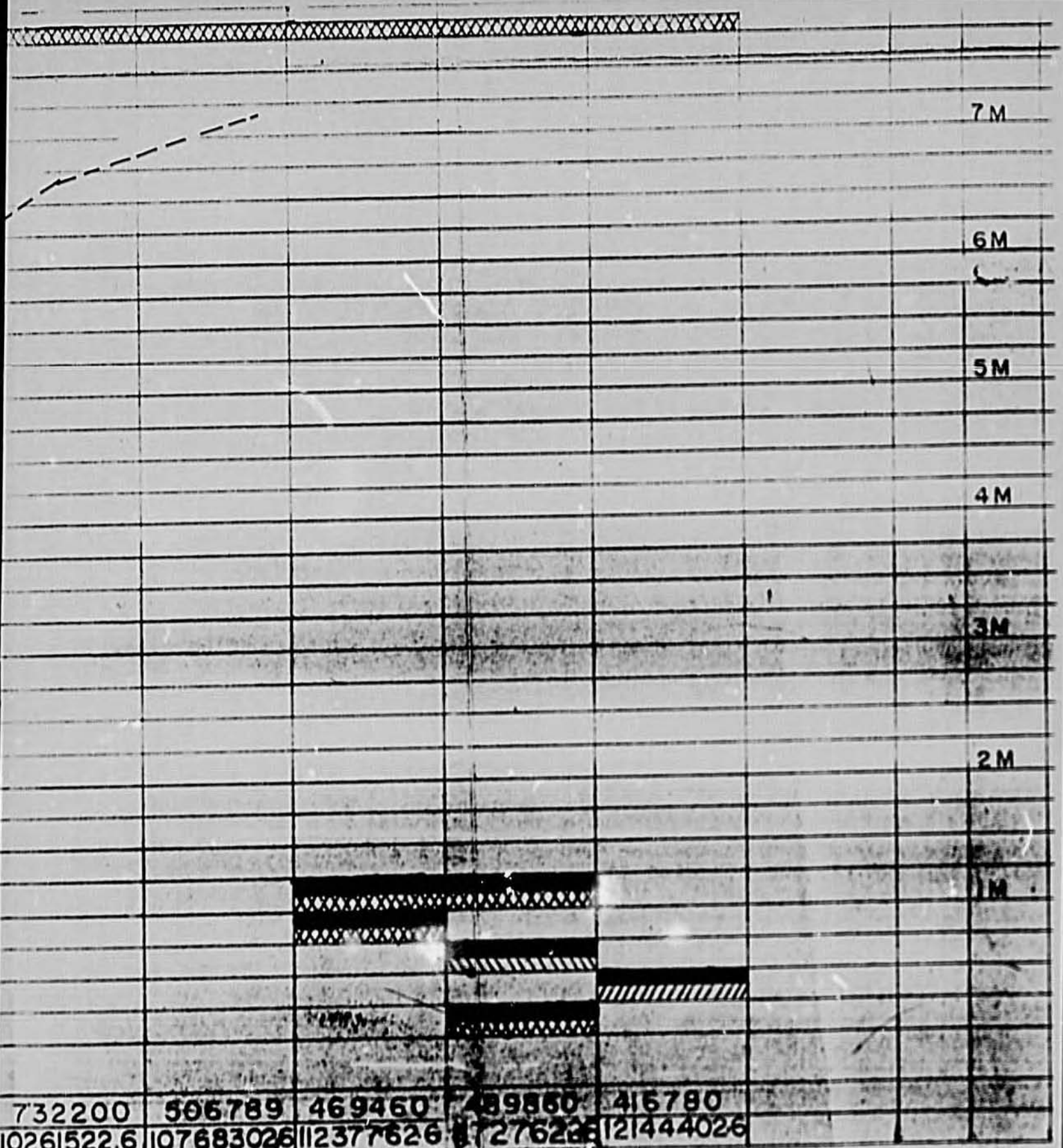
1H1	OVERHAUL	SEC.RD
200	AGGREGATE BASE COURSE GRADING "B"	SEC.RD
316	PORTLAND CONCRETE PAVEMENT (0.20M)	SEC.RD
401	TIMBER (DETOUR) TRESTLE SUPERSTRUCTURE	FR-104
[illegible]	[illegible]	SEC.RD FR-104
[illegible]	CONCRETE TEST PILE	SEC.RD FR-104
[illegible]	CONCRETE RAILING	SEC.RD
405	CONCRETE CLASS "A" (HEADWALLS & MISC. STRUCTURE)	SEC.RD FR-103 FR-104
405-1	CONCRETE CLASS "A" (BRIDGES)	SEC.RD FR-104
406	REINFORCING STEEL	SEC.RD FR-103 FR-104
407	STRUCTURAL STEEL (BOTILLA BRIDGE)	SEC.RD
413-1	0.46M ø REINFORCED CONC. PIPE	SEC.RD
413-2	0.60M ø REINFORCED CONC. PIPE	SEC.RD FR-103 FR-104
413-3	0.90M ø REINFORCED CONC. PIPE	SEC.RD FR-103 FR-104
413-4	1.20M ø REINFORCED CONC PIPE	SEC.RD FR-10 FR-10
500	RIPRAP AND GROUTED	SEC.R
502	COMB. CONC. CURB AND GUTTER (CURB ONLY)	SEC.R
510	RIGHT OF WAY MARKERS	SEC.RD FR-103 FR-104
SPL-2	CONCRETE BARRIERS	SEC.RD
	TOTALS	

.010		00.01	2,782 Cu.M.	0.30	834.60	
.060	00.00	00.00	150 Cu.M.	52.00	7,800.00	
6.610	07.19	02.63	57,740 Sq.M.	77.00	4,445,980.00	
.400	100.00	00.40	4 SPAN.	12,000.00	48,000.00	
.040	100.00	00.04	204 L.M.	560.00	114,240.00	
.600	100.00	00.60	130 L.M.	560.00	72,800.00	
.270	100.00	00.27	3	11,000.00	33,000.00	
.180	100.00	00.18	2	11,000.00	22,000.00	
.060	100.00	00.06	42 L.M.	170.00	7,140.00	
.680	96.42	00.65	110 Cu.M.	750.00	82,500.00	
.620	100.00	00.62	101 Cu.M.	750.00	75,750.00	
.180	100.00	00.18	30 Cu.M.	750.00	22,500.00	
.640	100.00	00.64	100 Cu.M.	780.00	78,000.00	
.090	100.00	00.09	14 Cu.M.	780.00	10,920.00	
.680	100.00	00.63	12,883 Kg.	6.00	76,958.00	
.310	100.00	00.31	6,182 Kg.	6.00	37,092.00	
.110	100.00	00.11	2,270 Kg.	6.00	13,620.00	
.020	100.00	00.02	240 Kg.	13.00	3,120.00	
.130	76.85	00.10	80 L.M.	200.00	16,000.00	
.300	89.92	00.27	129 L.M.	280.00	36,120.00	
.020	100.00	00.02	8 L.M.	280.00	2,240.00	
.050	100.00	00.05	20 L.M.	280.00	5,600.00	
.700	100.00	00.70	164 L.M.	520.00	85,280.00	
.170	100.00	00.17	40 L.M.	520.00	20,800.00	
.260	[illegible]	00.06	60 L.M.	520.00	31,200.00	
.630	[illegible]	[illegible]	87 L.M.	880.00	76,560.00	
.330	[illegible]	00.33	46 L.M.	880.00	40,480.00	
.070	[illegible]	00.07	10 L.M.	880.00	8,800.00	
.140	[illegible]	00.14	108 Cu.M.	160.00	17,280.00	
.060	00.00	00.00	150 L.M.	46.00	6,900.00	
.050	100.00	00.05	112	50.00	5,600.00	
.050	100.00	00.05	120	50.00	6,000.00	
.040	[illegible]	00.04	96	50.00	4,800.00	
.018		[illegible]	145	50.00	21,750.00	
100		59.31			12144402.6	


834.60
7,800.00
4,445,980.00
48,000.00
22,000.00
7,140.00
82,500.00
75,750.00
22,500.00
78,000.00
10,920.00
76,998.00
37,092.00
13,620.00
3,120.00
16,000.00
36,120.00
2,240.00
5,600.00
85,280.00
20,800.00
31,200.00
76,560.00
40,480.00
8,800.00
17,280.00
6,800.00
5,600.00
6,000.00
4,800.00
21,750.00
12144402.6
3500
139350
73248
1750
217848
827194


7290406
1001090
1510146
1337337
1249644
1147177
1556834 6
2557924 6
4068070 6
5405407 6
6655051 6
7802225


BASE COURSE
732200
732200
506789
469460
1026522 6
10683026
112377526


7M
6M
5M
4M
3M
2M
1M
732200
506789
469460
489860
416780
10261522.6
107683026
112377626
121444026

Sta. 0 + 000 to Sta. 0 + 300

Sta. 2 + 050 to Sta. 3 + 500

Sta. 4 + 200 to Sta. 6 + 000

B. FEEDER ROADS:

B.1. Feeder Road 301:

Survey:

1. Checking of subgrade from Sta. 8 + 100 to Sta. 8 + 400.
2. Checking the invert elevation of pipe culvert at Sta. 8 + 975.

Earthwork:

ITEM 105 - ROADWAY AND DRAINAGE EXCAVATION:

During this month, the Contractor concentrated majority of the available equipment at this road system. One bulldozer, one payloader and several dump trucks are working on the following road sections:

Sta. 7 + 600 to Sta. 8 + 200

Sta. 9 + 800 to Sta. 10 + 300

Drainage Structures:

ITEM 403 - CONCRETE CLASS "A":

The Contractor was also able to complete top slab, apron and parapet of the triple box culvert (left side), at Sta. 7 + 970, during the month. The left wingwalls may be completed next month.

ITEM 406 - REINFORCING STEEL:

The reinforcing steel bars, which were previously cut and bent, were incorporated in the triple box culverts mentioned in Item 405.

ITEM 413-2 - 0.60 M.Ø DIAMETER REINFORCED CONCRETE PIPE CULVERT:

After establishing the elevation, work on the installation of one line of 0.60 Dia. Reinforced Concrete Pipe Culvert was started at Sta. 8 + 975. As of this report, the work was still in progress.

B.2. Feeder Road 302:

The Contractor has not made any construction on this road system during the month. All the equipment available at the project are working on the Secondary Road and Feeder Road 301.

5. MATERIALS TESTING AND CONTROL:

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

Grading Analysis - 6

Liquid and Plastic Limit Determination - - - - - - - - - 6

Laboratory Compaction Test - - - - - - - - - - - - - - - 6

Field Density Test - 4

Three (3) sets of concrete cylinder samples were taken for each concrete operation the concrete poured at the single barrel box culvert at Sta. 7 + 175 along Secondary Road, triple barrel box culvert at Sta. 7 + 970 along Feeder Road 301 and in the fabrication of RCP.

As of April 25, 1980 the Contractor had fabricated additional RCP.

48" Ø - 3

36" Ø - 2

24" Ø -2

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

A. SECONDARY ROAD:

Subgrade:

Sta. 0 + 000 - Sta. 0 + 300 - - - - - - - - - Completed

Sta. 0 + 300 - Sta. 2 + 050 - - - - - - - - - Partial

Sta. 2 + 050 - Sta. 3 + 500 - - - - - - - - - Completed

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

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

Sta. 7 + 300 - Sta. 9 + 500 - - - - - - - - - Completed

Subbase:

Sta. 0 + 000 - Sta. 0 + 300 - - - - - - - - - Partial

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

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

Sta. 7 + 300 - Sta. 9 + 500 - - - - - - - - - Partial

Base - None

Surfacing (Bituminous Surface Treatment) - - - -None

Structures:

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

R. C. Pipe Culverts:

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 - Sta. 7 + 500 - - - - - Completed

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

Subbase:

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

Structures:

R. C. Box Culvert - - - - - - - - - - Three (3) Under Construction

R. C. Pipe Culvert :

ITEM	DESCRIPTION	% ACCOMPLISHED
413-2	0.60 M.Ø = 79 L.M	61.47
413-4	1.20 M.Ø = NONE	NONE

C. FEEDER ROAD 302:

Subgrade:

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

Subbase:

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

Structures:

R. C. Pipe Culverts:

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 negative slippage of the project is already 39.89 % as of this report. The time suspension recommended due to bad weather were already considered in the computation of the time elapsed. As the available equipment on the site are not fully utilized,,the progress of work during the month is quite very slow.

The following advices were given to the Contractor, to speed up the construction activities, in order to catch up with his progress of work.

1. Return more equipment to the project especially bulldozers, payloaders, graders rollers and dump trucks.
2. Hire more skilled laborers, so that other cross drainage culverts along Secondary Road could be started.
3. 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.

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

WEATHER REPORT

Date - 1960		Weather Condition	Remarks	Time Extension Recommended
March	26	Rainy	Unworkable	1 day
	27	Fair	Workable	None
	28	Fair	-do-	-do-
	29	Fair	-do-	-do-
	30	Fair	-do-	-do-
	31	Fair	-do-	-do-
April	1	Fair	-do-	-do-
	2	Fair	-do-	-do-
	3	Fair	-do-	-do-
	4	Fair	-do-	-do-
	5	Fair	-do-	-do-
	6	Fair	-do-	-do-
	7	Fair	-do-	-do-
	8	Fair	-do-	-do-
	9	Fair	-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	Fair	-do-	-do-
	21	Fair	-do-	-do-
	22	Fair	-do-	-do-
	23	Fair	-do-	-do-
	24	Fair	-do-	-do-
	25	Fair	-do-	-do-

TIME EXTENSION RECOMMENDED THIS MONTH - - - - - - - - - - - - - - - - - - 1 day

TIME EXTENSION RECOMMENDED PREVIOUSLY - 55 days

GRAND TOTAL TO DATE -56 days

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

LIST OF PERSONNEL
(As of April 25, 1980)

	NAME	DESIGNATION
1.	Felicitas N. Lucero	Project Engineer
2.	Salve U. Tarrobago	Materials Engineer
3.	Moises Mariano	Geotic Engineer
4.	Onofre Ponce	Timekeeper/Warehouseman
5.	Armando Florendo	Actg. Instrumentman
6.	Eduardo Roman	Draftsman
7.	Enrico Soriano	Courier
8.	Benjamin de Leon	Janitor
9.	Victorio Boragay jr.	Lab. Aide
10.	Felix Gutierez	Lab. Aide
11.	Galicano Saquido	Survey Aide
12.	Romeo Manalo	Survey Aide
13.	Alejandro Pareño	Operator
14.	Filino Vale	Operator
15.	Macario Rosento	Operator
16.	Vicente Pron	Operator
17.	Luciano Austria	Driver
18.	Tomas Otordoz	Driver
19.	Benjamin Arenas	Driver
20.	Edelberto Linga	Driver
21.	Alfonso Calleja Sr.	Mechanic
22.	Daniel Capagas	Tireman
23.	Paquito Daz	Foreman (RCBC)
24.	Elias Migabon	Steelman
25.	Antonio Austria	Leaman
26.	Juanito Baguio	Steelman
27.	Vevincio Benarao	Carpenter
28.	Francisco Yguzguiza	Carpenter
29.	Domingo Yguzguiza	Laborer
30.	Salvador Baguio	Laborer
31.	Arsenio Olieta	Laborer
32.	Rodel Olieta	Laborer

One (1) Security Guard from PEFTOK

Submitted by:

(SGD.) FELICITAS N. LUCERO
Project Engineer

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

LIST OF EQUIPMENT
(As of April 25, 1980)

	TYPE	MODEL	SERIAL NO.
1.	Motor Grader	KOMATSU GD-37	
2.	Bulldozer	Caterpillar D7E	48A1226
3.	Payloader	Caterpillar 920	
4.	Compactor	CH 44	
5.	Excavator	Ford	
6.	Water Truck	REO 6 x 6	
7.	Dump Truck	HINO SM 100	IK 10
8.	Dump Truck	HINO SM 100	IK 12
9.	Dump Truck	HINO KB 100	25656
10.	Concrete Vibrator	Bridge Straton	
11.	Welding Machine	Hobart	
12.	2 Units One (1) Bagger Mixer	Bridge & Staaton	119045-14-2

SUBMITTED BY:

(SGD.) FELICITAS N. LUCERO
Project Engineer

DESCRIPTION OF INDIVIDUAL PROJECTS:

A. SECONDARY ROAD: CALABANGA-MANGUIRING BRIDGE SECTION; LENGTH - 9.904 KM
B. FEEDER ROAD NO.301: LABOG-BINANUAANAN; LENGTH - 12.513 KM
C. FEEDER ROAD NO. 302: MANGUIRING - CAMUNING · LENGTH - 5.298 KM

ITEM NO.	DESCRIPTION		ESTIMATED % WEIGHT		
			SCHEDULED	ACCOMPLISHED	
				ITEM	PROJECT
1.60.2	PROVIDE & MAINTAIN LABORATORY & OFFICE FOR ENGINEER		0.5120	[illegible]	0.3628
1.60.3	PROVIDE 1 UNIT 4-WHEEL DRIVE VEHICLE FOR ENGINEER		0.6968	100.00	0.6968
1.60.6	LABORATORY & OFFICE EQUIPMENT FOR ENGINEER		1.0582	50.00	0.5291
100	CLEARING AND GRUBBING		0.0256	100.00	0.0256
103-2	REMOVAL OF CULVERTS	SEC. RD.	0.0717	50.00	0.0358
		FR 301	0.0054		
		FR 302	0.0154	[illegible]	0.0103
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	SEC. RD.	0.1875	[illegible]	[illegible]
		FR 301	3.5828	62.[illegible]	2.2480
		FR 302	1.1178	[illegible]	[illegible]
105-3	ROADWAY AND DRAINAGE EXCAVATION	SEC. RD.	7.6374	72.08	5.5272
		FR 301	15.1212	[illegible]	[illegible]
		FR 302	2.6797	[illegible]	[illegible]
106	EXCAVATION FOR STRUCTURES	SEC. RD.	0.1527	[illegible]	[illegible]
		FR 301	0.2553	[illegible]	0.0738
		FR 302	0.0250	50.00	0.0125
107	BORROW	SEC. RD.	4.6656	[illegible]	[illegible]
108	AGGREGATE SUBBASE (CLASS "A")	SEC. RD.	12.4443	[illegible]	[illegible]
		FR 301	9.7009	[illegible]	[illegible]
		FR 302	3.7969	[illegible]	[illegible]
110	FOUNDATION FILL	SEC. RD.	0.0543	[illegible]	[illegible]
		FR 301	0.0844	[illegible]	[illegible]
		FR 302	0.0121	[illegible]	0.0027
111	OVERHAUL (300m. FREEHAUL)	SEC. RD.	0.0109	100.00	0.0019
200	CRUSHED AGGREGATE BASE COURSE (GRADING "B")	SEC. RD.	8.2456		
203-2	SOIL ASPHALT BASE COURSE	FR. 301	2.0026		
302-1	MEDIUM CURING CUTBACK ASPHALT (MC-1) FOR BIT. COAT	SEC. RD.	2.5707		
305-1	COVER MATERIAL FOR BITUMINOUS SEAL COAT	FR 301	0.0300		
305-3	EMULSIFIED ASPHALT GRADE, SS FOR BITUMINOUS COAT	FR 301	0.1638		
314-1	AGGREGATE MATERIALS FOR BST (HOT ASPHALT TYPE)	SEC. RD.	1.5758		
314-3	85-100 PENETRATION ASPHALT CEMENT FOR BST	SEC. RD.	5.1916		
405-1	CONCRETE CLASS "A" FOR DRAINAGE & MISC. STRUCT.	SEC. RD.	2.6307	[illegible]	[illegible]
		FR 301	4.3328	[illegible]	[illegible]
		FR 302	0.309[illegible]		
406	REINFORCING STEEL FOR DRAINAGE & MISC. STRUCTURES	SEC. RD.	2.1588	[illegible]	[illegible]
		FR 301	3.6651	[illegible]	[illegible]
		FR 302	0.0066		
412	STONE MASONRY	SEC. RD.	0.0085		
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE	SEC. RD.	0.2942	[illegible]	[illegible]
		FR 301	0.3969	[illegible]	[illegible]
		FR 302	0.0655		[illegible]
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	SEC. RD.	0.3317	[illegible]	[illegible]
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE	SEC. RD.	0.4352	[illegible]	[illegible]
		FR 301	[illegible]	[illegible]	[illegible]
		FR 302	0.2519	[illegible]	[illegible]
810	RIGHT-OF-WAY MARKER	SEC. RD.	0.0719		
		FR 301	0.1741		
		FR 302	0.0792		
TOTALS			100.00		[illegible]
			THIRTY (30) DAY PERIOD		
			CUMULATIVE TOTAL AM[illegible]		

BAR SCH

LENGTH - 9.904 KM
3 KM
.88 KM

FEB. 5, 1979
START OF
CONTRACT TIME

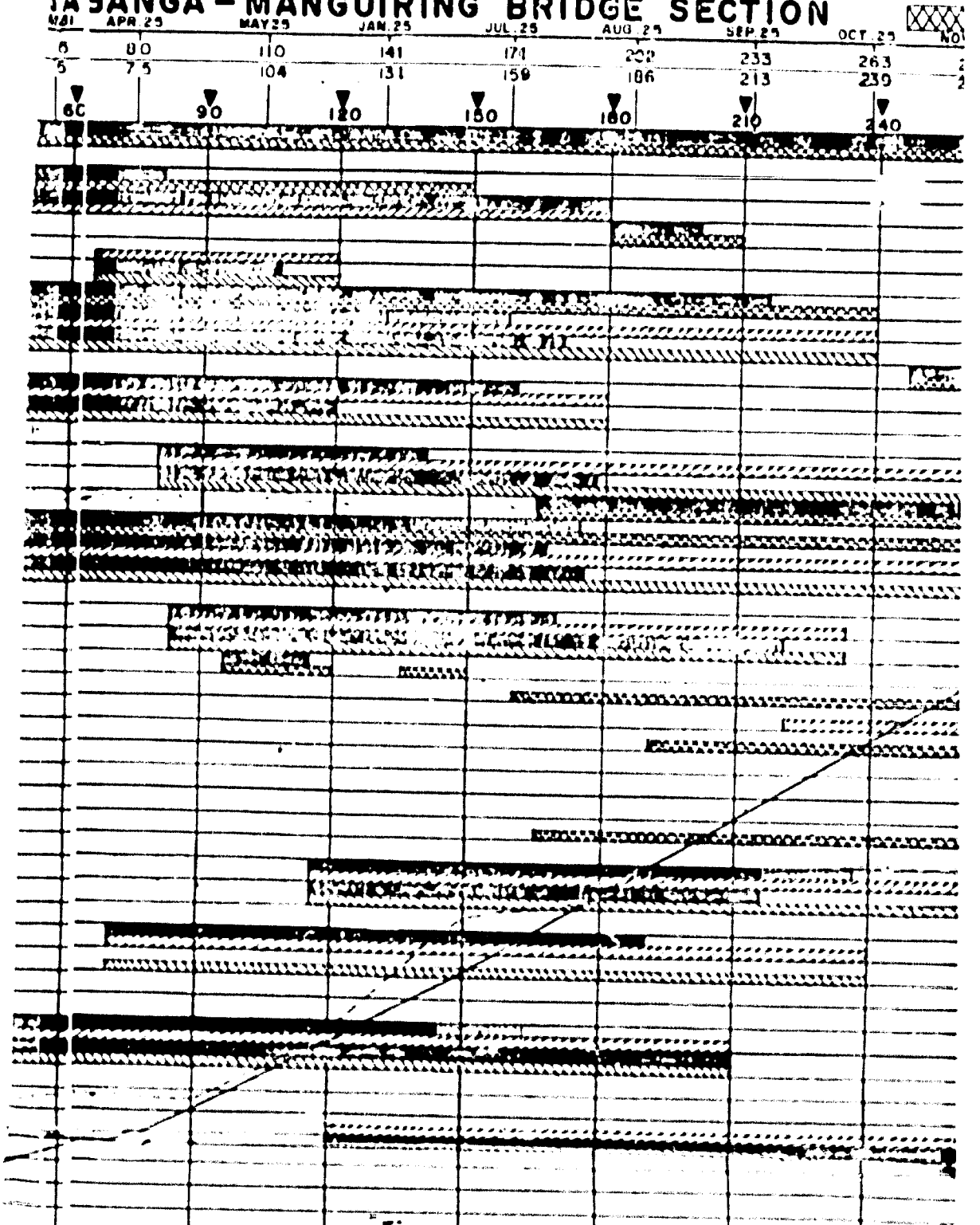
CAB ANGA - MA

% WEIGHT ITEM	% WEIGHT ACCOMPLISHED PROJECT	QUANTITY	UNIT COST	AMOUNT
[illegible]	0.3698	18 mos.	₱ 2,500.00	₱ 45,000.00
[illegible]	0.6968	—	LUMP SUM	61,240.70
[illegible]	0.5721	—	LUMP SUM	93,000.00
[illegible]	0.0256	0.5Ha.	4,500.00	2,250.00
[illegible]	0.0378	14Ea.	450.00	6,300.00
		1 Ea.	480.00	480.00
[illegible]	0.0103	3 Ea.	450.00	1,350.00
[illegible]	0.1411	1,030 Cu.M.	16.00	16,480.00
[illegible]	2.2480	19,680 Cu.M.	16.00	314,880.00
[illegible]	0.7292	6,140 Cu.M.	16.00	98,240.00
2.08	5.5272	27,640 Cu.M.	24.38	673,863.20
[illegible]	12.4819	54,510 Cu.M.	24.38	1,328,953.80
[illegible]	1.4416	9,660 Cu.M.	24.38	235,510.80
[illegible]	0.0701	610 Cu.M.	22.00	13,420.00
[illegible]	0.0738	1,020 Cu.M.	22.00	22,440.00
50.00	0.0125	100 Cu.M.	22.00	2,200.00
[illegible]	4.0234	12,060 Cu.M.	34.00	410,040.00
16.53	4.5476	23,270 Cu.M.	47.00	1,093,690.00
[illegible]	3.3691	18,140 Cu.M.	47.00	852,580.00
[illegible]	1.4208	7,100 Cu.M.	47.00	333,700.00
[illegible]	0.0123	90 Cu.M.	53.00	4,770.00
[illegible]	0.0482	140 Cu.M.	53.00	7,420.00
[illegible]	0.0097	20 Cu.M.	53.00	1,060.00
[illegible]	0.0014	3,200 Sta.M.	0.30	960.00
		13,420 Cu.M.	54.00	724,680.00
		4,000 Sq.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
[illegible]	0.2940	340 Cu.M.	680.00	231,200.00
3.93	3.2022	560 Cu.M.	680.00	380,800.00
		40 Cu.M.	680.00	27,200.00
[illegible]	0.2978	29,189 Kg.	6.50	189,728.00
[illegible]	2.5772	49,556 Kg.	6.50	322,114.00
		90 Kg.	6.50	585.00
		3 Cu.M.	250.00	750.00
[illegible]	0.1[illegible]	81 L.M.	320.00	25,920.00
[illegible]	0.2876	109 L.M.	320.00	34,880.00
	[illegible]	18 L.M.	320.00	5,760.00
[illegible]	[illegible]	53 L.M.	550.00	29,150.00
[illegible]	[illegible]	45 L.M.	850.00	38,250.00
		110 L.M.	850.00	93,500.00
		26 L.M.	850.00	22,100.00
		158 Ea.	40.00	6,320.00
		380 Ea.	40.00	15,300.00
		174 Ea.	40.00	6,960.00
	45.72			₱8,788,666.90

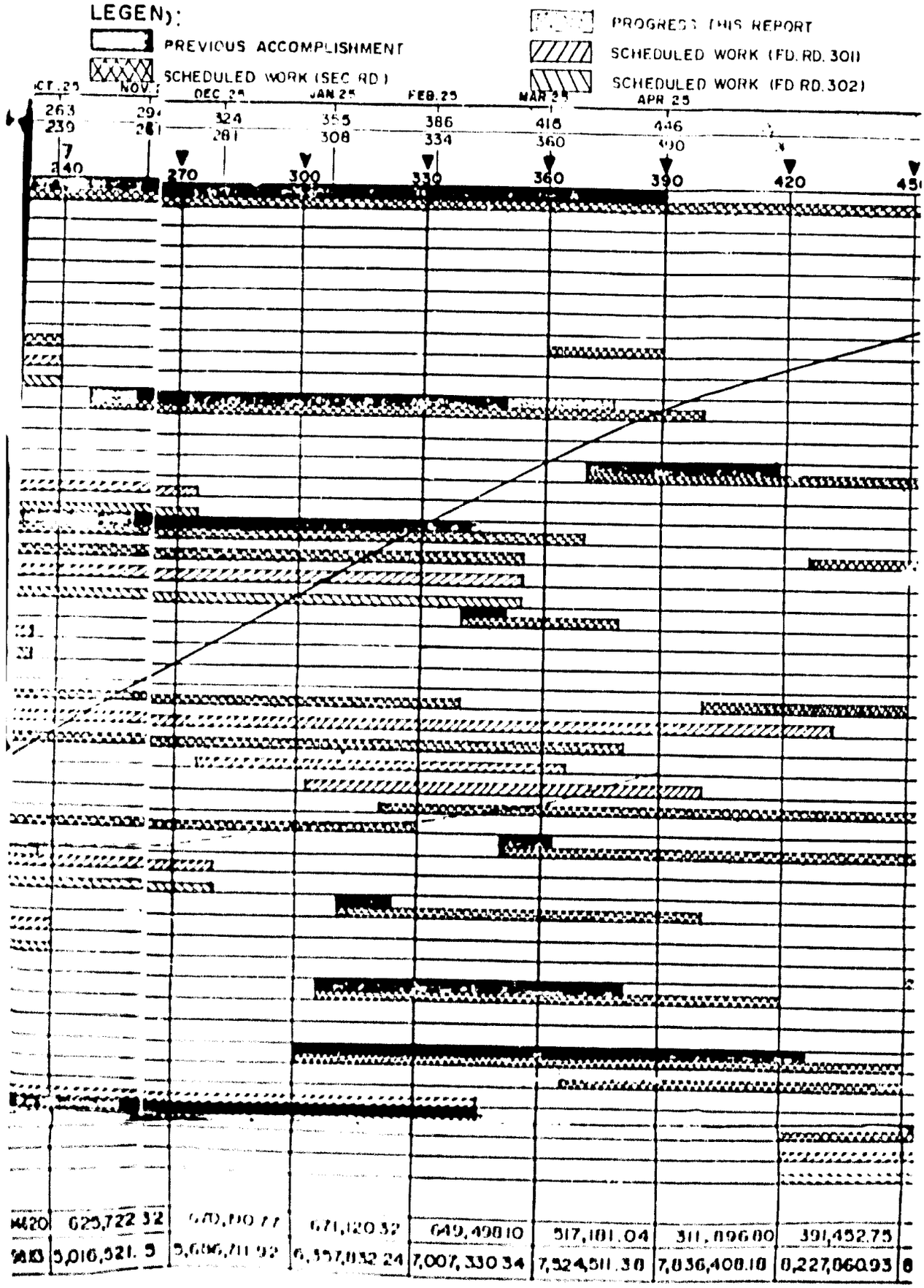
[illegible]) DAY PERIODICAL ACCOMPLISHMENT	193,717.54	372,656.75	505,999.16
[illegible]VE TOTAL AMOUNT		566,374.29	[illegible],072,373.45

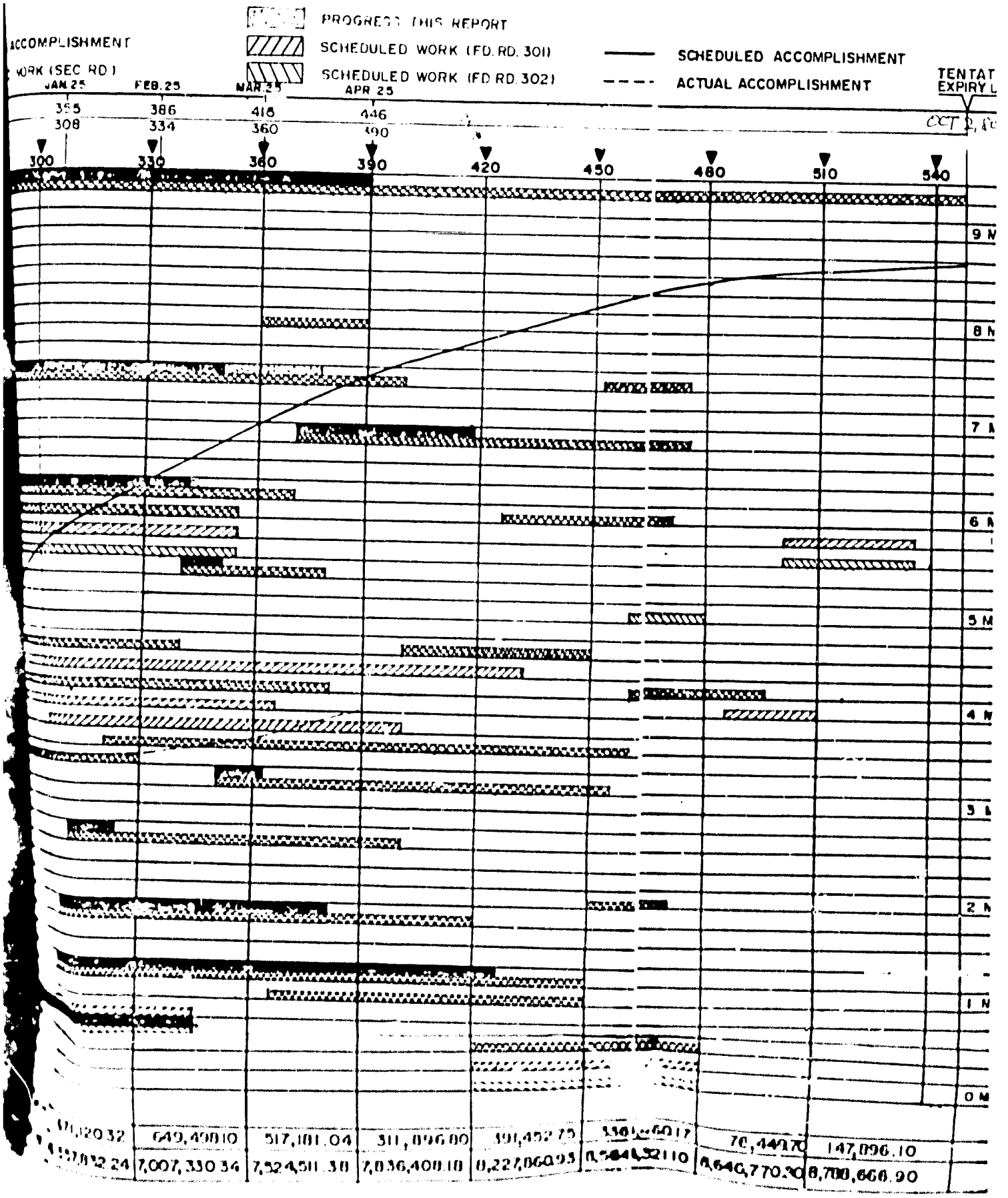
BAR SCHEDULE OF WORK
OF
ABANGA – MANGUIRING BRIDGE SECTION

LEGE



54 71	505,999.16	543,148.10	614,142 .68	685,912.30	694,276.10	700,94620	625,722
74 21	,072,373 45	1,615,521.55	2,229,664.23	2,915,576.53	3,609,852 63	4,390,798 83	5,016,521


LEGEND:
PREVIOUS ACCOMPLISHMENT
SCHEDULED WORK (SEC RD)
PROGRESS THIS REPORT
SCHEDULED WORK (FD. RD. 301)
SCHEDULED WORK (FD RD. 302)
OCT. 25
NOV. 25
DEC. 25
JAN 25
FEB. 25
MAR 25
APR 25
263
239
294
261
324
281
355
308
386
334
416
360
446
390
240
270
300
330
360
390
420
450
625,722.32
5,016,521.5
671,120.32
649,498.10
517,181.04
311,896.00
391,452.75
7,007,330.34
7,524,511.38
7,836,408.18
8,227,860.93


PROGRESS THIS REPORT
SCHEDULED WORK (FD. RD. 301)
SCHEDULED WORK (FD RD. 302)
SCHEDULED ACCOMPLISHMENT
ACTUAL ACCOMPLISHMENT
ACCOMPLISHMENT
WORK (SEC RD)
JAN 25
FEB. 25
MAR. 25
APR 25
TENTAT
EXPIRY L
355
308
386
334
418
360
446
390
300
330
360
390
420
450
480
510
540
9 M
8 M
7 M
6 M
5 M
4 M
3 M
2 M
1 M
0 M
649,409.10
517,181.04
311,096.80
147,096.10
7,007,330.34
7,524,511.38
7,836,408.18
8,227,060.95
8,700,666.90

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of April 25, 1980)

CALAPANGA-MANGUIRING BRIDGE SECTION

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 NOS.	₱ 2,500.00/NO.	₱ 45,000.00	72.[illegible]	13 NOS.	₱ 36,500.0
1.60.3	PROVIDE ONE(1) UNIT 4-WHEEL DRIVE VEHICLE FOR ENGINEER	-	LUMP SUM	61,240.70	100.00	-	61,240.7
1.60.6	LABORATORY AND OFFICE EQUIPMENT FOR ENGINEER	-	LUMP SUM	93,000.00	50.00	-	46,500.0
	ROAD AND DRAINAGE STRUCTURES (Secondary Road)						
103-2	REMOVAL OF CULVERTS	14 EA.	450.00	6,300.00	50.00	7 EA.	3,150.0
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	1,030 CU.M.	16.00/CU.M.	16,480.00	75.24	775 CU.M.	12,400.0
105-3	ROADWAY AND DRAINAGE EXCAVATION	27,640 CU.M.	24.38/CU.M.	673,863.20	72.08	19,925 CU.M.	485,771.[illegible]
106	EXCAVATION FOR STRUCTURES	610 CU.M.	22.00/CU.M.	13,420.00	45.90	280 CU.M.	6,[illegible]
107	BORROW	12,060 CU.M.	34.00/CU.M.	410,040.00	86.23	10,400 CU.M.	353,600.0
108	AGGREGATE SUBBASE CLASS "A"	23,270 CU.M.	47.00/CU.M.	1,093,690.00	36.53	8,500 CU.M.	399,500.0
110	FOUNDATION FILL	90 CU.M.	53.00/CU.M.	4,770.00	24.[illegible]	[illegible] CU.M.	
111	OVERHAUL (300 M. FREEHAUL)	3,200STA.M.	0.30/STA.M.	9[illegible]	50.00	1,600 Sta. m	[illegible]
200	CRUSHED AGGREGATE BASE COURSE (GRADING "B")	13,420 CU.M.	54.00/CU.M.	724,6[illegible]0.00	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 MATERIAL FOR BST (HOT ASPHALT TYPE)	1,385 CU.M.	100.00/CU.M.	138,500.00	0	0	0

CALAMANGA-MANGUIRING BRIDGE SECTION

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of April 25, 1980)

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	VALUE
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
406	REINFORCING STEEL (FOR DRAINAGE & MISCELLANEOUS STRUCTURES)	29,189 KG.	6.80/KG.	189,729.00	13.70	4,000 KG.	26,000
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
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
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
510	RIGHT-OF-WAY MARKERS	158 EA.	40.00/EA	6,320.00	0	0	0
	ROAD AND DRAINAGE STRUCTURES (Feeder Road 301, Labog-Binauaanan)						
100	CLEARING AND GRUBBING	0.50 HA.	4,500.00/HA.	2,250.00	100.00	0.50 HA.	2,250
103-2	REMOVAL OF CULVERTS (RCPC)	1 EA.	480.00/EA.	480.00	0	0	0
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
105-3	ROADWAY AND DRAINAGE EXCAVATION	54,510 CU.M	24.38/CU.M.	1,328,953.80	82.64	45,046 CU.	1,098,22
106	EXCAVATION FOR STRUCTURES	1,020 CU.M	22.00/CU.M.	22,440.00	30.49	311 CU.M.	6 482
108	AGGREGATE SUBBASE (CLASS "A")	18,140 CU.M	47.00/CU.M.	852,280.00	43.73	6,300 CU.M.	290,100
110	FOUNDATION FILL	140 CU.M	53.00/CU.M.	7,420.00	57.14	80 CU.M.	4,240
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, AS 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 STURCTURES)	560 CU.M	680.00/M.T.	380,800.00	73.93	414 CU.M.	282,520
406	REINFORCING STEEL (DRAINAGE AND MISCELLANEOUS STRUCTURES)	49,556 KG.	6.50/KG.	322,114.00	72.96	11,168(50%) 30,574	36,296 198,731
413-2	0.60 M.Ø REINFORCED CONCRETE PIPE	109 L.M.	320.00/L.M.	34,880.00	61.47	67 L.M.	21,440

CALABANGA-MANGUIRING BRIDGE SECTION

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of April 25, 1980)

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	VALUE
413-4	1.20 M.Ø REINFORCED CONCRETE PIPE	110 L.M.	850.00/L.M.	93,500.00	0	0	0
510	RIGHT-OF-WAY MARKERS	380 EA.	40.00/EA.	15,200.00	0	0	0
	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 CUM.	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.	235,510.00	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	37.58	2,668 CU.M.	125,396.00
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
510	RIGHT-OF-WAY MARKERS	174 EA.	40.00/EA.	6,960.00	0	0	0
	TOTAL			P8,788,666.90			P 4,018,826.6[illegible]

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. 15

APRIL, 1980

TECHNIKS GROUP CORPORATION

ITEM NO.	DESCRIPTION	ESTIMATED % WT. SCHEDULED	ACCOMPLISH ITEM	ACCOMPLISH PROJECT	QUA
1.60.1	FORCE ACCT. WORK (REPAIR & MAINTENANCE OF EXIST. CUT-12 BR.	1.8647	100	1.864	1
1.60.2	MAINTENANCE & REPAIR OF LAB. AND OFFICE FOR ENGR.	0.4196	-	—	3
401	TIMBER DETOUR SPAN	7.4589	50	3.729	16 S
103.1	REMOVAL OF BRIDGES	1.6316	28.5%	.4661	7
402-25a	REINFORCE CONCRETE TEST PILE 12.00M	4.1956	80.00	3.356	10
402-25b	REINFORCE CONCRETE TEST PILE 14.00M	1.4685	66.67	0.979	3
402.25	REINFORCE CONCRETE PILE	29.7423	83.79	22.30	1,16
106-2	EXCAVATION FOR STRUCT. (ABOVE WATER LEVEL)	0.1056	22.73	0.024	103
106-3	EXCAVATION FOR STRUCT. (BELOW WATER LEVEL)	0.1268	100	0.1268	68
406	REINFORCING STEEL	20.9415	48.06	10.06	83,1
407	STRUCTURAL STEEL	1.5337	76.37	1.171	2,6
405	CONCRETE CLASS "A"	8.6984	-	-	26
405-1	CONCRETE CLASS "A"	16.1928	76.27	12.23	423
105	ROADWAY AND DRAINAGE EXCAVATION	0.7981	18.52	0.15	85
403	CONCRETE RAILING	1.6447	36.73	0.599	29
107	BORROW	0.3578	-	-	307
500	GROUTED RIPRAP	2.8194	7.93	0.222	50
	TOTAL	100.0000		57.37	

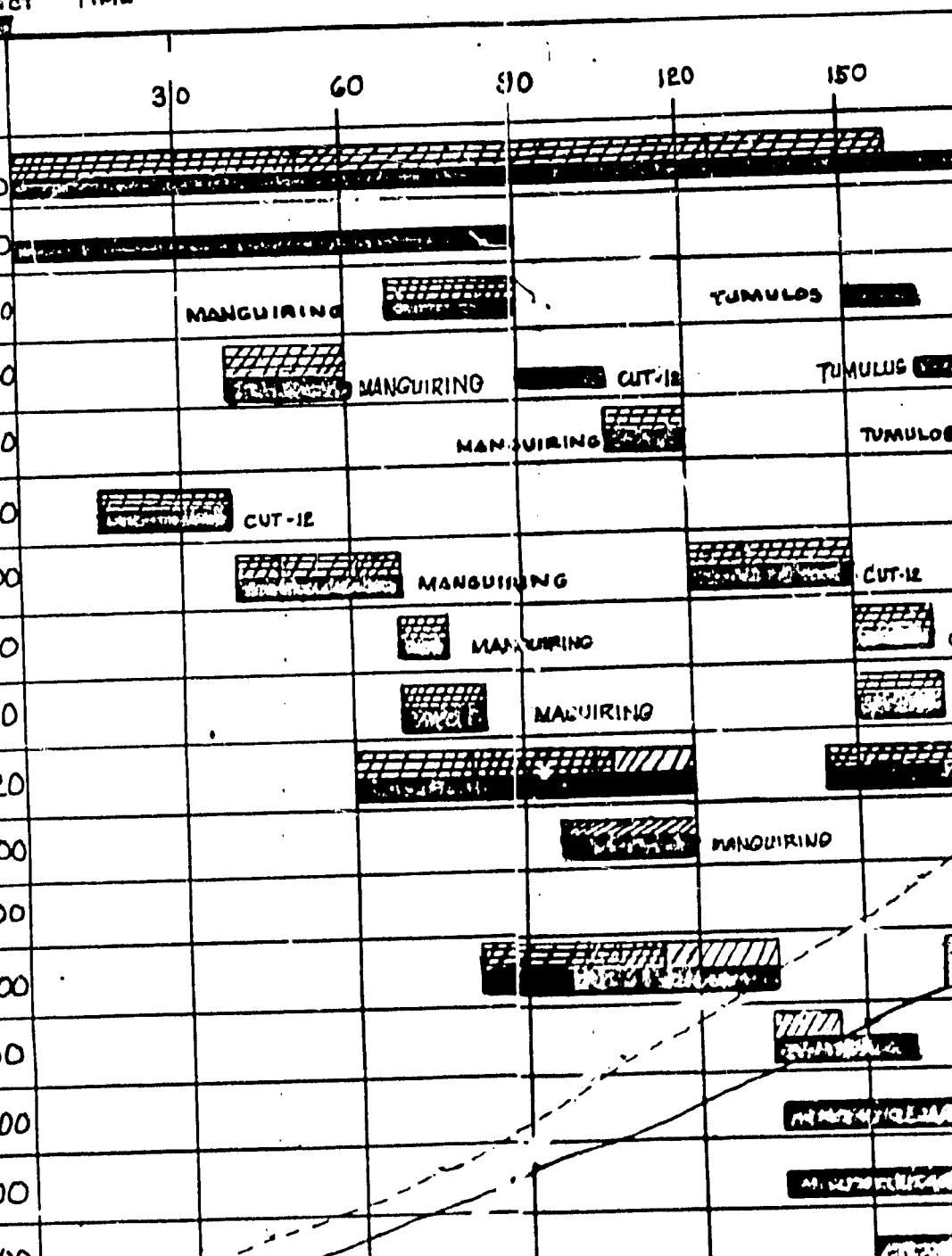
THIRTY (30) BAY PERIODICAL A

CUMULATIVE TOTAL AMOUN

BAR SCHEDULE OF W
SEVEN BRIDGES CALABANGA - TI

FEBRUARY 15, 1978
START OF CONTRACT TIME

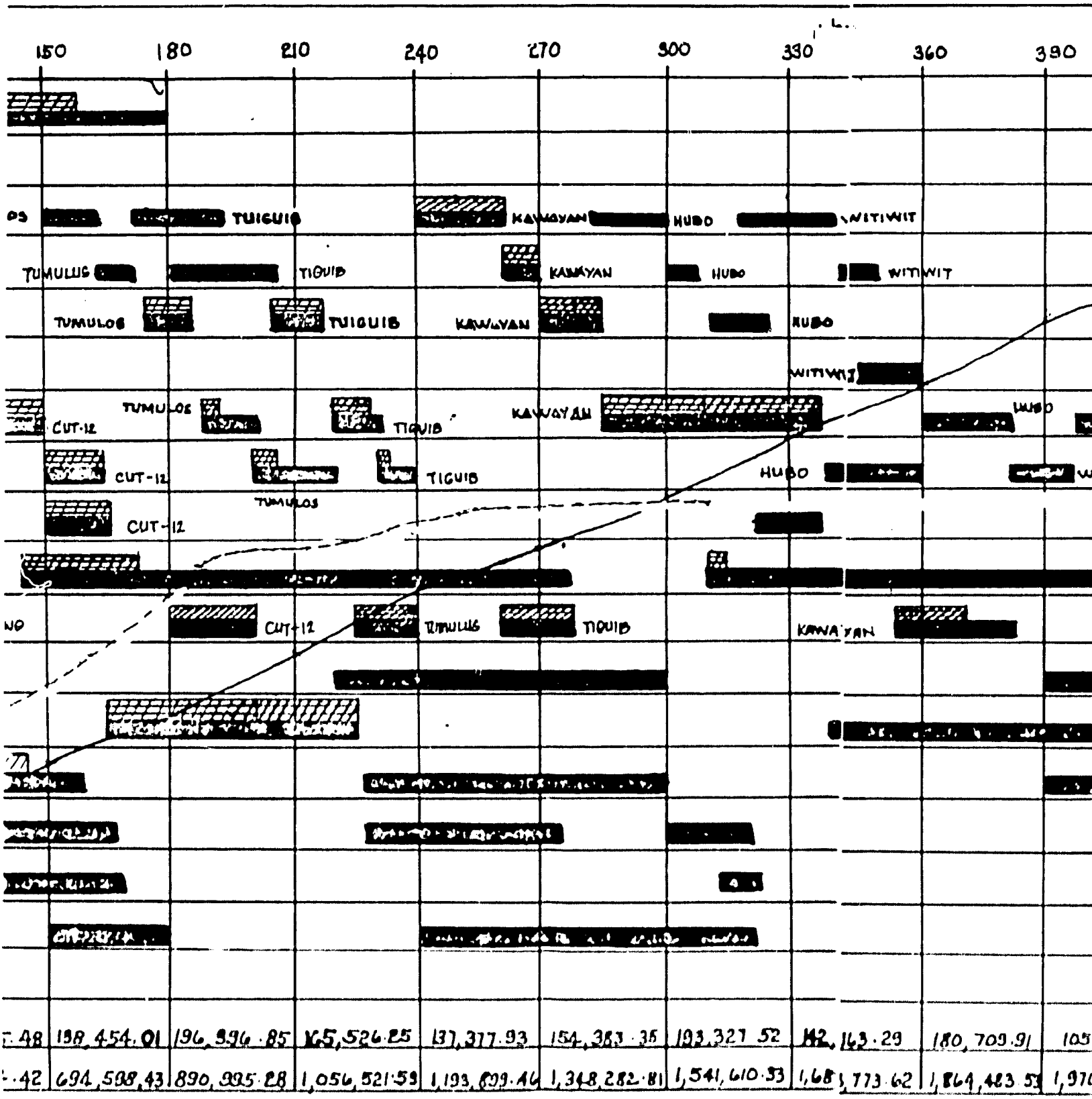
QUANTITY	UNIT COST	AMOUNT
1	LUMP SUM	₱40,000.00
3 MO.	₱3,000.00	9,000.00
16 SPANS	10,000.00	160,000.00
7	5,000.00	35,000.00
10	9,000.00	90,000.00
3	10,500.00	31,500.00
1,160 L.M	550.00	638,000.00
103 M³	22.00	2,266.00
68 M³	40.00	2,720.00
83,188 KG	5.40	449,215.20
2,632	12.50	32,900.00
262.8 M³	710.00	186,588.00
423.6 M³	820.00	347,352.00
856 M³	20.00	17,120.00
294 L.M	120.00	35,280.00
307 M³	25.00	7,675.00
504 M³	120.00	60,480.00
		₱2,145,026.20



ICAL ACCOMPLISHMENT	₱21,866.70	107,516.66	128,576.04	126,728.50	171,455.48	198,4
AMOUNT		129,383.36	257,959.44	384,688.94	556,144.42	694

F WORK
- TINAMBAC SECTION

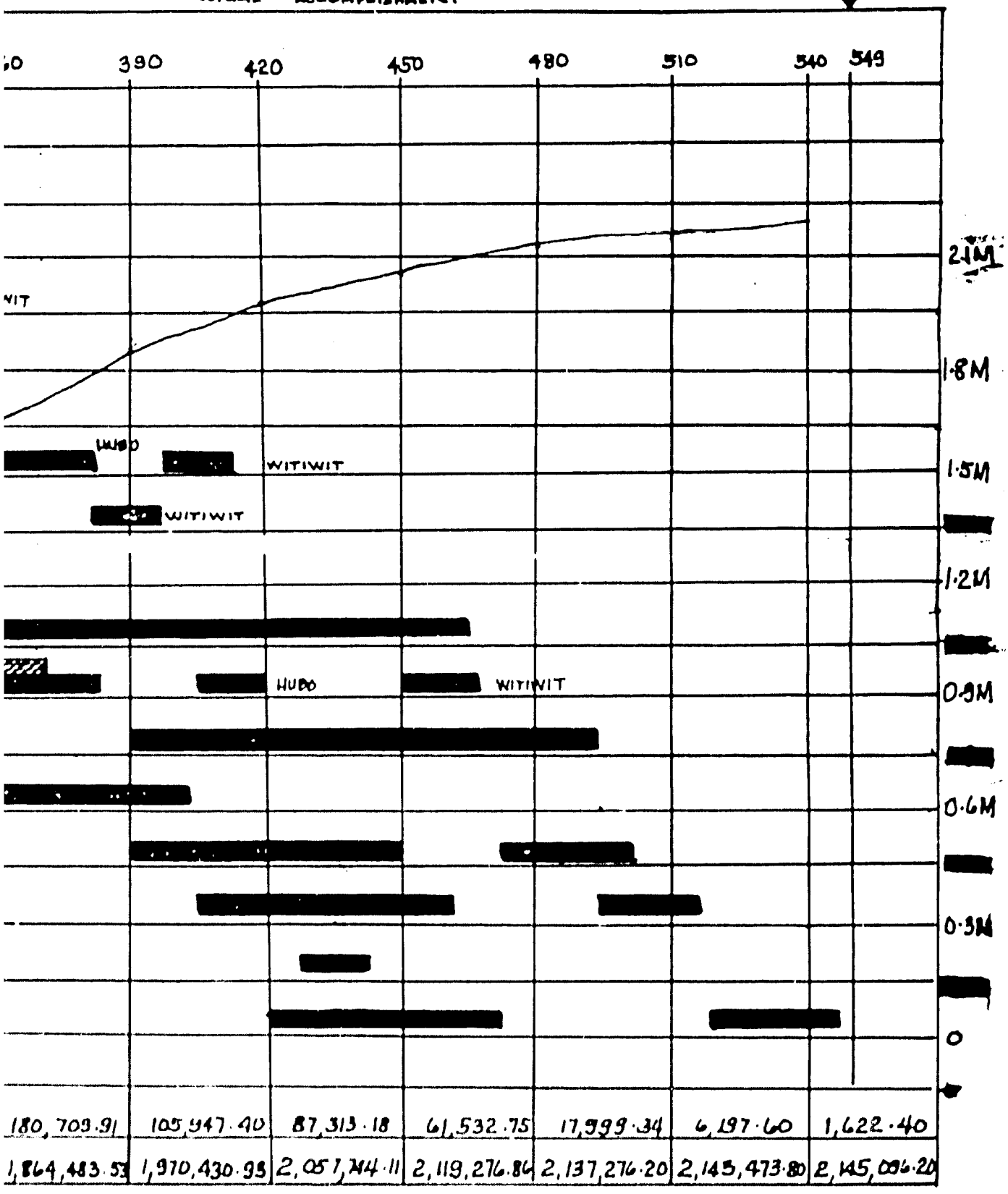
LEGEND :



LEGEND:

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

AUGUST 18, 1980
EXPIRY DATE



ITEMIZED COMPUTED ACCOMPLISHMENT
(As of April 25, 1980)

Seven Bridges, Calabanga-Tinambac Section

ITEM NO.	DESCRIPTION	BID QUANTITIES	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage Based on Bid Quantities	Quantity/ Volume	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 EA.	5,000.00 EA.	35,000.00	28.57	3 EA.	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 (12m)	10 EA.	9,000.00 EA.	90,000.00	80.00	8 EA.	72,000.00
402-2.5b	REINFORCED CONCRETE TEST PILE (14m)	3 EA.	10,500.00 EA.	31,500.00	66.67	2 EA.	21,000.00
403	CONCRETE RAILING	294.00L.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	423.6CU.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	39,786.0KG.	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	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-TINAMBAC SECTION

NO. 14

APRIL, 1980

TECHNIKS GROUP CORPORATION

PROGRESS REPORT NO. 14

April 1980

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

CONTRACTOR: KAMAGONG BUILDERS & DEVELOPERS CORPORATION

I. GENERAL

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

1. Construction survey
2. Earthwork operation
3. Sampling and testing of construction materials

II. WEATHER

The weather condition during this period was good as shown in the attached Weather Report.

III. MOBILIZATION

The Contractor has not made any considerable change in his personnel and equipment as shown in his List of Personnel, Annex "D-A", and in his List of Equipment, Annex "D-B".

IV. PROGRESS OF WORK

The status of the project to date is as follows:

A. % Accomplishment - - - - - - - - - - - - - - - - 20.19%

B. % Time Elapsed - - - - - - - - - - - - - - - - - 59.26%

C. Slippage - 29.31% (-)

ROADS AND DRAINAGE STRUCTURES

A. MANGUIRING BRIDGE-TINAMBAC SECTION (SECONDARY ROAD)

Construction Survey

1. Profile checking from Sta. 14 + 325 to Sta. 15 + 100; from Sta. 15 + 125 to Sta. 16 + 250.
2. Cross-sectioning from Sta. 14 + 325 to Sta. 16+ 250 at 4.50 meters from the centerline, left and right.
3. Alignment from Sta. 14 + 274.97 to Sta. 15 + 061.03; Sta. 16 + 639.43 to Sta. 17 + 325.41.
4. Computation of cross-section of original ground data is in progress.

Earthwork

Item 103-2: Removal of Culverts (RCP)

Removal of existing defective R.C. pipes was was performed at Sta. 16 + 624.

Item 105: Roadway and Drainage Excavation

Total estimated volume excavated is 21,730 cubic meters from Sta. 14 + 175 to Sta. 19 + 150 with about 1,110 cubic meters of item 105-1 (waste) and about 20,620 cubic meters of item 105-5 (roadway and drainage excavation) was accomplished during the period. Roadway and drainage excavation work at Sta. 18 + 750 to Sta. 19 + 240 is in progress.

Item 106-1: Excavation for Structures

Excavation for R.C. pipes at Sta. 16 + 624 is in progress.

Item 107: Borrow

Estimated volume of 360 cubic meters was accomplished at Sta. 14 + 707 to Sta. 14 + 776.

Item 108: Aggregate Subbase

Estimated volume of 940 cubic meters of item 108 materials were hauled and spread at Sta. 14 + 325 to Sta. 15 + 350.

Item 111: Overhaul (300 M. Freehaul)

About 2,775 sta. m. was accomplished at Sta. 15 + 900 to Sta. 16 + 330.

Station	Accomplished
9+950 - 10+500	850 Sta. M.
15+900 - 16+330	1,925 Sta. M.
Total - - -	2,775 Sta. M.

Drainage Structures

Item 413: Reinforced Concrete Pipes, 0.90 M. dia.

Laying of R. C. pipes at Sta. 16 + 624 has been started and still in progress.

B. HUBO-BALAO (FEEDER ROAD 303)

Construction Survey

1. Alignment from P.I. No. 12 to P.I. No. 15.
2. Profile from Sta. 0 + 500 to Sta. 0 + 900; from Sta. 0 + 925 to Sta. 2 + 125.

V. MATERIALS TESTING AND CONTROL

1. Collected and tested samples representing item 108 materials for required laboratory tests.
2. Performed field density tests on subgrade from Sta. 14 + 375 to Sta. 15 + 100.

PHYSICAL ACCOMPLISHMENT (Accumulated as of this period)

SECONDARY ROAD:

SUBGRADE - - - 2.225 KMS.

SUBBASE - - - 1.025 KMS.

COMMENTS AND RECOMMENDATIONS

The roadway and drainage excavation work from Sta. 18+700 to Sta. 19 + 240 was hampered by the existing church building and several electric posts within the construction limit which have not been removed and/or transferred.

In view of the prevailing dry season in the project site the contractor was advised to use their water truck in the field for watering requirement in subgrade preparation, and in spreading and compacting ITEM 108 materials.

The contractor has worked overtime during this period. Landslides caused by typhoon "Baring" at Sta. 17 + 375 to Sta. 400, and at Sta. 17 + 775 to Sta. 17 + 800 have already been removed.

Under Item 1.60.2, Office for Engineer, and Item 1.60.5, Office Equipment for Engineer, 1 typewriter, 1 wooden filing cabinet, and 1 pocket calculator have been provided by the contractor so far.

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

WEATHER REPORT

Date - 1980		Weather Condition	Remarks	Time Extension Recommended
March	26	Fair	Unworkable	1 day
	27	Fair	-do-	1 day
	28	Good	Workable	None
	29	Good	-do-	-do-
	30	Good	-do-	-do-
	31	Good	-do-	-do-
April	1	Good	Workable	None
	2	Good	-do-	-do-
	3	Good	-do-	-do-
	4	Good	-do-	-do-
	5	Good	-do-	-do-
	6	Good	-do-	-do-
	7	Good	-do-	-do-
	8	Good	-do-	-do-
	9	Good	-do-	-do-
	10	Good	-do-	-do-
	11	Good	-do-	-do-
	12	Good	-do-	-do-
	13	Good	-do-	-do-
	14	Good	-do-	-do-
	15	Good	-do-	-do-
	16	Good	-do-	-do-
	17	Good	-do-	-do-
	18	Good	-do-	-do-
	19	Good	-do-	-do-
	20	Good	-do-	-do-
	21	Good	-do-	-do-
	22	Good	-do-	-do-
	23	Good	-do-	-do-
	24	Good	-do-	-do-
	25	Good	-do-	-do-

TIME EXTENSION RECOMMENDED THIS PERIOD - - - - - - 2 days

TIME EXTENSION RECOMMENDED PREVIOUSLY - - - - - - 83 days

GRAND TOTAL TO DATE - - - - - - - - - - - - - - - 85 days

KAMAGONG BUILDERS & DEVELOPERS CORP.
MANGUIRING BRIDGE-TINAMBAC SECTION
(Sub-Project 3, Contract Package No. 2)
Bo. Paolbo, Calabanga, Camarines Sur

LIST OF PERSONNEL
(As of April 29, 1980)

	NAME	DESIGNATION
1.	Amor R. Paguyo	Acting Project Engineer
2.	Crispin M. Aboga	Construction Foreman
3.	Jean Chavez	C. E. Aide
4.	Angel M. Aboga	Laboratory Technician
5.	Domingo Buella	Instrumentman
6.	Rustico Cabaña	Survey Aide
7.	Manuel Santillan	Survey Aide
8.	Benjamin Pura	Bulldozer Operator
9.	Flaviano Gamboa	Bulldozer Operator
10.	Efren Fron	Bulldozer Operator
11.	Espiridion Laurea	Grader Operator
12.	Romeo Lile	Roadroller Operator
13.	Leonardo Arcal	Service Driver
14.	Tomas Otordos	Dump Truck Driver
15.	Luciano Austria	Dump Truck Driver
16.	Pedro Sucta	Mechanic
17.	Bernardo de Jesus	Mechanic
18.	Edmundo Esquio	Helper
19.	Deogracias Hitta	Fuel Tender
20.	Maximo Juares	Welder
21.	Bernardo Camu	Electrician
22.	Jose Castillo	Welder
23.	Rodolfo Rodancos	Mechanic

One (1) Security Guard from PEFTOK Security Agency.

Submitted by:

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

[illegible] G FUHRMANN & DEVELOPERS CORP.
[illegible] SECTION
(Sub-Project 3, Contract Package No. 2)
Do. [illegible], Calabanga, Camarines Sur

[illegible]
(As of April 25, 1980)

	TYPE	MODEL	SERIAL NO.	DATE OF ARRIVAL
1.	Bulldozer	Cat. D7G	65VI791	August 12, 1979
2.	Bulldozer	Cat. D6C	65U499	August 12, 1979
3.	Bulldozer	Cat. D7E	48[illegible]126	September 10, 1979
4.	Bulldozer	Kom. D80[illegible]	14257	October 8, 1979
5.	Wheel Loader	Cat. 950	52-39091	August 12, 1979
6.	Wheel Loader	Kom. W60	502766	August 12, 1979
7.	Vibro Roller	Dynapac CA25	497066	October 8, 1979
8.	Road Roller	Hato RA 120	505005	August 12, 1979
9.	Motor Grader	Cat. 12G	61[illegible]5538	October 8, 1979
10.	Transit Mixer	Ford	802-1747	August 12, 1979
11.	Transit Mixer	Hino-SH100	DK-10	August 12, 1979
12.	Transit Mixer	Hino-SH100	DK-12	August 12, 1979
13.	Dump Truck	Hino-HB100	75656	August 20, 1979
14.	Dump Truck	Hino-HB100	14392	August 20, 1979
15.	Dump Truck	Isuzu SPZ	1749056	September 12, 1979
16.	Dump Truck	Isuzu SPZ	1956241	September 12, 1979
17.	Service Vehicle	Toyota KF 101	3K-7600232	August 12, 1979
18.	Service Vehicle	Toyota KF 101	3K-7600323	October 4, 1979

Submitted by:

(SGD.) [illegible]OR R. PAGUYO
Act[illegible]. Project Engineer

ANNEX "D-[illegible]"

DESCRIPTION OF INDIVIDUAL PROJECTS

A. MANGUIRING BRIDGE-TINAMBAC SECTION; LENGTH-10.923 KM.

B. FEEDER RD. No. 303- HUBO-BALAO; LENGTH-6.900 KM.

ITEM NO.	DESCRIPTION		ESTIM SCHEDU
1.60.1	FORCE ACCOUNT WORK (MAINTENANCE & REPAIR OF DETOUR RDS. & SPILLWAYS)		0.375
1.60.2	MAINTENANCE & REPAIR OF LABORATORY & OFFICE FOR ENGINEER		0.131
1.60.3	OFFICE EQUIPMENT FOR ENGINEER		0.098
100	CLEARING AND GRUBBING	FR.303	0.038
103-2	REMOVAL OF CULVERTS	SEC.RD.	0.069
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	SEC.RD.	3.3314
		FR.303	2.1346
105-3	ROADWAY AND DRAINAGE EXCAVATION	SEC. RD.	23.5516
		FR.303	4.0974
106-1	EXCAVATION FOR STRUCTURES (DRAINAGE)	SEC. RD.	0.208
		FR.303	0.029
107	BORROW	SEC. RD.	3.758
108	AGGREGATE SUBBASE	SEC.RD.	6.272
		FR.303	3.557
110	FOUNDATION FILL	FR.303	0.009
		SEC. RD.	0.046
111	OVERHAUL (300 M. FREE HAUL)	SEC. RD.	0.104
200	GRAVEL BASE COURSE GRADING B (SHOULDERING)	SEC. RD.	0.344
203-2	SOIL-ASPHALT BASE COURSE	FR.303	0.482
305-1	COVER MATERIAL FOR BITUMINOUS SEAL COAT	FR.303	0.006
305-3	EMULSIFIED ASPHALT FOR BITUMINOUS SEAL COAT	FR.303	0.045
316	PORTLAND CEMENT CONCRETE PAVEMENT, 0.20 M. THICK	SEC.RD.	44.555
405-1	CONCRETE CLASS "A" (FOR DRAINAGE & MISC. STRUCTURES)	SEC.RD.	1.923
		FR. 303	0.139
406	REINFORCING STEEL (FOR DRAINAGE & MISC. STRUCTURES)	SEC.RD.	0.884
		FR.303	0.015
412	STONE MASONRY (FOR DRAINAGE & MISC. STRUCTURES)	SEC.RD.	0.047
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPE	SEC.RD.	0.504
		FR.303	0.164
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPE	SEC. RD	0.732
		FR. 303	0.150
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPE	SEC.RD.	1.172
		FR.303	0.140
500-1	RIPRAP AND GROUTED	SEC. RD.	0.058
500-2	RIPRAP AND GROUTED (LOOSE AND DUMP)	SEC.RD.	0.092
510	R.O.W. MARKERS	SEC.RD.	0.119
		FR.303	0.062
SPL	CONCRETE BARRIERS	SEC.RD.	0.543
	TOTALS		100.000
			THIR
			CUMU

BAR

M.

MANGUIRING E

MARCH 12, 1979
START OF CONTRACT TIME

→ CALENDAR TIME
→→ CONTRACT TIME

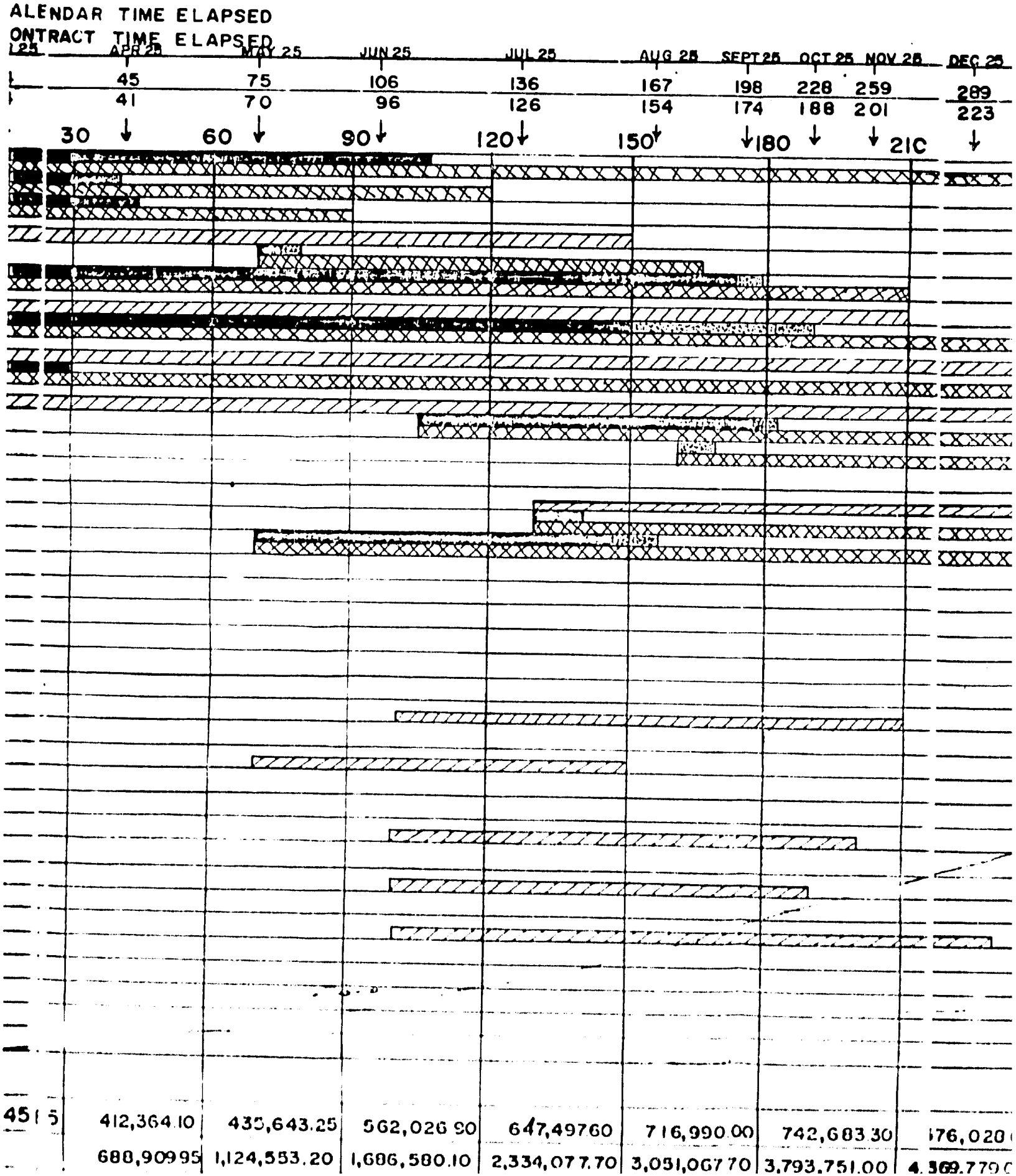
MAR 25 — APR 25
→ 14 — 45
→→ 14 — 41
30

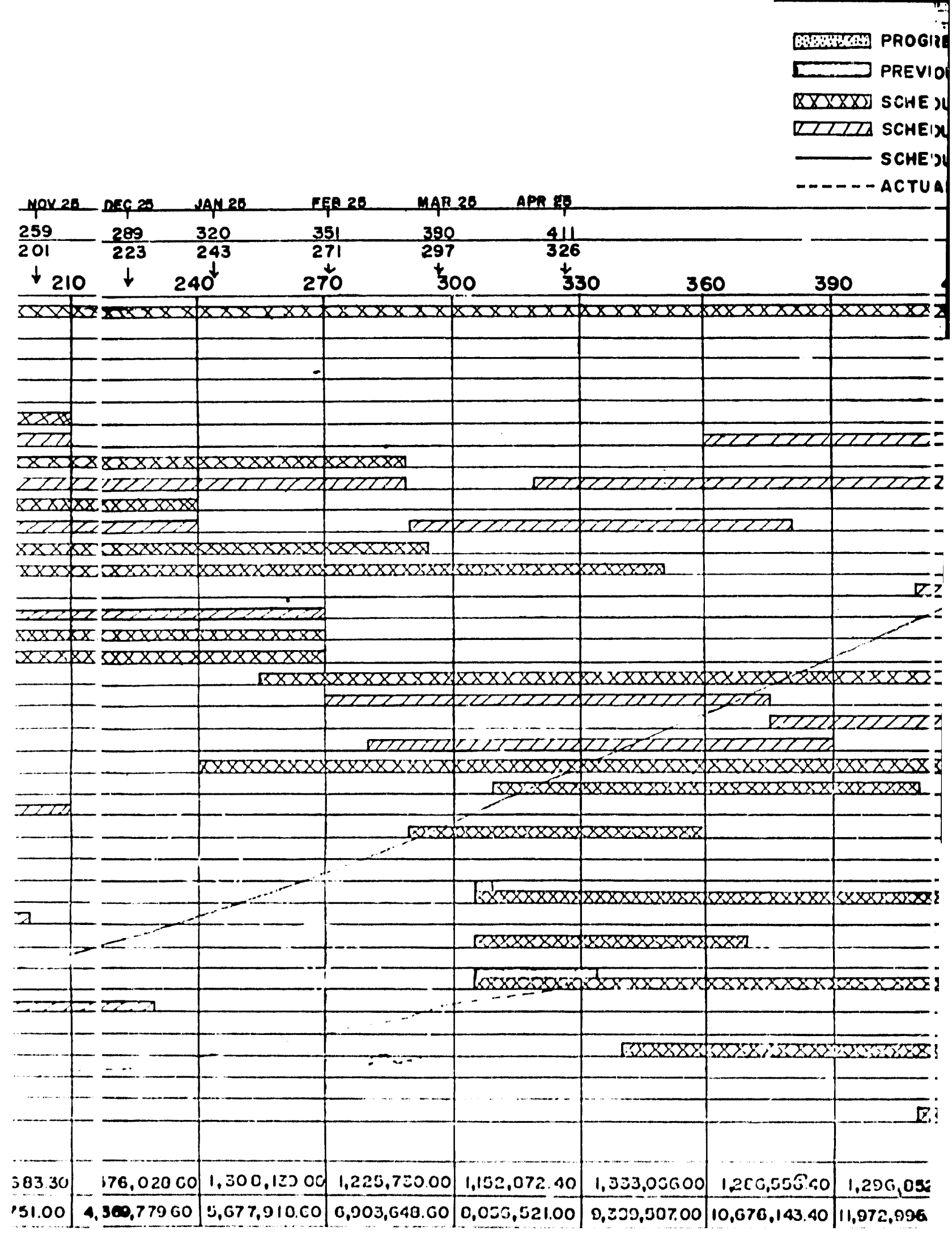
	ESTIMATED % WEIGHT			QUANTITY	UNIT COST	AMOUNT
	SCHEDULED	ACCOMPLISHED ITEM	ACCOMPLISHED PROJECT			
YS)	0.3758	20.0000	0.0752	LUMP SUM	—	₱ 60,000.00
	0.1315	3.3333	0.0438	6 mos.	₱3,500.00	21,000.00
	0.0983	38.0000	0.0374	LUMP SUM	—	15,695.30
03	0.0381			1.35 Ha.	4,500.00	6,075.00
RD.	0.0692	8.6956	0.0131	23 Ea.	480.00	11,040.00
RD.	3.3314	84.8054	2.8252	33,242 Cu.M.	16.00	531,872.00
03	2.1346			21,300 Cu.M.	16.00	340,800.00
RD.	23.5518	64.1257	15.1027	144,619 Cu.M.	26.00	3,760,094.00
03	4.0974			25,160 Cu.M.	26.00	654,160.00
RD.	0.2084	8.1107	0.0182	1,331 Cu.M.	25.00	33,275.00
03	0.0298			190 Cu.M.	25.00	4,750.00
RD.	3.7582	39.7200	1.4927	20,000 Cu.M.	30.00	600,000.00
RD.	6.2729	3.7544	0.2355	25,037 Cu.M.	40.00	1,001,480.00
03	3.5577			14,200 Cu.M.	40.00	568,000.00
03	0.0090			30 Cu.M.	48.00	1,440.00
RD.	0.0469	0.7638	0.0036	156 Cu.M.	48.00	7,488.00
RD.	0.1046	43.1576	0.0451	55,668 St. M.	0.30	16,700.40
RD.	0.3445			1,100 Cu.M.	50.00	55,000.00
03	0.4828			1,640 Sq.M.	47.00	77,080.00
03	0.0069			10 Cu.M.	110.00	1,100.00
03	0.0451			3 M.T.	2,400.00	7,200.00
RD.	44.5550			74,563 Sq.M.	95.40	7,113,310.20
RD.	1.9236			415 Cu.M.	740.00	307,100.00
03	0.1391			30 Cu.M.	740.00	22,200.00
RD.	0.8841			20,164 Kg	7.00	141,148.00
03	0.0158			360 Kg.	7.00	2,520.00
RD.	0.0470			30 Cu.M.	250.00	7,500.00
RD.	0.5042	[illegible]	[illegible]	230 L.M.	350.00	80,500.00
03	0.1644			75 L.M	350.00	26,250.00
RD	0.7328			195 L.M	600.00	117,000.00
03	0.1503			40 L.M	600.00	24,000.00
RD.	1.1725	[illegible]	[illegible]	208 L.M	900.00	187,200.00
03	0.1409			25 L.M.	900.00	22,500.00
RD.	0.0581			58 Cu.M.	160.00	9,280.00
RD.	0.0921			140 Cu.M.	105.00	14,700.00
RD.	0.1190			442 Ea.	43.00	19,006.00
03	0.0625			232 Ea.	43.00	9,976.00
RD.	0.5437			560 Ea.	155.00	86,800.00
	100.0000		20.20			₱ 15,965,239.90

THIRTY (30) DAY PERIODICAL ACCOMPLISHMENT — 276,545.85 — 412,30

CUMULATIVE TOTAL AMOUNT

BAR SCHEDULE OF WORK
OF
IRING BRIDGE - TINAMBAC SECTION




PROGRE
PREVIO
SCHE
SCHE
SCHE
ACTUA
NOV 25
DEC 25
JAN 25
FEB 25
MAR 25
APR 25
259
289
320
351
380
411
201
223
243
271
297
326
210
240
270
300
330
360
390
583.30
576,020.00
1,300,120.00
1,225,730.00
1,152,072.40
1,333,036.00
1,200,556.40
1,296,052
751.00
4,369,779.60
5,677,910.00
6,903,648.00
8,056,521.00
9,389,507.00
10,676,143.40
11,972,996

PROGRESS THIS REPORT

PREVIOUS ACCOMPLISHMENT

SCHEDULED WORK (SEC. RD.)

SCHEDULED WORK (FD. RD.)

SCHEDULED ACCOMPLISHMENT

ACTUAL ACCOMPLISHMENT

TENTATIVE EXPIRY DATE

NOV 30, 80

560 390 420 450 480 510 540

16M 15M 14M 13M 12M 11M 10M 9M 8M 7M 6M 5M 4M 3M 2M 1M 0M

00	1,206,556.40	1,296,052.80	1,302,953.30	1,237,284.30	935,611.40	516,394.70
00	10,676,143.40	11,972,996.20	13,275,949.50	14,513,233.80	15,448,845.20	15,965,239.90

ITEMIZED COMPUTED ACCOMPLISHMENT
(As of April 25, 1980)

Manquiring 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 ROAD AND SPILLWAY)		LUMP SUM	₱ 60,000.00	20.00	–	₱ 12,000.0
1.60.2	MAINTENANCE AND REPAIR OF LABORATORY AND OFFICE FOR ENGINEER	6 MO.	LUMP SUM	21,000.00	2	–	7,000.0
1.60.5	OFFICE EQUIPMENT FOR ENGINEER		LUMP SUM	15,695.30	38	–	5,964.2
	ROADS AND DRAINAGE STRUCTURES (Secondary Road)						
103-2	REMOVAL OF CULVERTS	23 EA.	₱ 480.00 EA.	11,040.00	8.70	2	960.00
105-1	ROADWAY AND DRAINAGE EXCAVATION (WASTE)	33,242 CU.M.	16.00/CU.M.	531,872.00	84.80	28,191 CU.M.	[illegible]
105-3	ROADWAY AND DRAINAGE EXCAVATION	144,619 CU.M.	26.00/CU.M.	3,760,094.00	64.12	92,73[illegible] CU.M.	2,[illegible]
106	EXCAVATION FOR STRUCTURES	1,331 CU.M.	25.00/CU.M.	33,275.00	[illegible].71	115.9[illegible] CU.M.	2,898.50
107	BORROW	20,000 CU.M.	30.00/CU.M.	600,000.00	39.72	7,94[illegible] CU.M.	238,320.00
108	AGGREGATE SUBBASE	25,037 CU.M.	40.00/CU.M.	1,001,480.00	3.75	940 CU.M.	37,600.00
110	FOUNDATION FILL	156 CU.M.	48.00/CU.M.	7,488.00	7.64	11.915 CU.M.	571.92
111	OVERHAUL (300 M. FHD)	55,668 STA.M.	0.30/STA.M.	16,700.40	43.16	24,025 STA.M.	7,207.50
200	GRAVEL BASE COURSE GRADING "B" (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	0	0	0
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 April 25, 1980)

Nanguiring Bridge-Tinambac 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	0	0	0
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	RIPRAP AND GROUTED	58 CU.M.	160.00/CU.M.	9,280.00	0	0	0
500-2	RIPRAP AND GROUTED (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	[illegible]	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 April 25, 1980)

Manguiring Bridge-Tinambac 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	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			₱ 3,224,015.63

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-BANAY COCO NO. 201
PASACAO-CARANAN-MACAD NO. 202
PASACAO-PORT ROAD NO. 203
Feeder Roads

NO. 12

APRIL, 1980

TECHNIKS GROUP CORPORATION

PROGRESS REPORT NO. 12
April, 1980

PROJECT: DANAO-PASACAO ROAD
CONTRACTOR: CBT CONSTRUCTION & EQUIPMENT CORPORATION

1. GENERAL

This twelfth periodic report covers the progress of the construction activities of the Contractor during the month of April, 1980.

The construction activities were as follows:

1. Construction Survey
2. Earthwork and Subbase Operations
3. Cement concrete pouring for headwalls, miscellaneous structures and bridges.
4. Stockpiling of subbase materials and concrete fine & coarse aggregates.
5. Sampling and quality control testing of construction materials.

11. WEATHER

Weather condition was favorable except for the first day of the report period when work was suspended due to unworkability of the soil brought about by tropical depression "Boring" as shown in the attached Weather Report.

111. MOBILIZATION

There were no significant changes effected by the Contractor in both his lists of Personnel and Heavy Equipment during the period as shown in annexes "E-A and E-B", respectively.

To-date, the Contractor has not provided yet the complete list of laboratory equipment as specified in the contract.

IV. PROGRESS OF WORK

The total work accomplished as of this month is 34.44% while the time elapsed is 59.04%.

Factors affecting the slow rate of progress of construction activities during the report period were as follows:

1. Contractor's unwillingness to start concrete paving work (Item 315).
2. Lack of coarse and fine aggregates for casting bearing piles.
3. Insufficient hauling and rolling equipment.
4. Breakdown of heavy equipment, namely, two graders, one dozer and one loader.

ROAD AND DRAINAGE STRUCTURES

A. Secondary Road:

Construction Survey:

1. Establishing subgrade elevation between stations 0 + 003.35 and 3 + 250.
2. Computation of cross-section data are in progress.

Earthwork:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

This item of work was resumed by the Contractor during the month between stations 2 + 195 and 2 + 300 involving partial accomplishment of 700 cu.m.

Item 107: BORROW

Periodic corrective measures on soft spot sections were done by the Contractor. Hauling, spreading and compacting of borrow materials at station 0 + 003.35 to sta. 3 + 250 involving approximate volume of 2,500 cu.m. were undertaken during the month.

BRIDGE AND DRAINAGE STRUCTURES

Preparation of concrete forms, cutting and bending of reinforcing steel for different parts of Odicon Bridge are in progress.

Item 405: CONCRETE CLASS "A"

Cement concrete pouring for miscellaneous structures and bridge were done during the month as shown below.

STATION	PART OF STRUCTURE	VOLUME, cu.m.
Odicon Bridge	Coping (Abutment "B")	7.50
4 + 537	Bottom slab (RCBC)	12.343
	Total	- 19.843

B. Feeder Roads:

B.1 Feeder Road 201 (Itolan-Bahay-Coco Road)

Construction Survey:

1. Establishing subgrade and subbase elevation.
2. Checking and computation of cross-section data are in progress.

Earthwork:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

Accomplished by the Contractor under this item involved 1000 cu.m. between stations 3 + 000 and 3 + 400.

Item 107: BORROW

500 cu.m. of borrow materials were hauled, spread and compacted between stations 3 + 500 and 3 + 675 during the period.

SURFACING:

Item 108: AGGREGATE SUBBASE

Commencement of subbase operation in the first kilometer of the project was undertaken involving partial accomplishment of 600 cu.m.

DRAINAGE AND EROSION WORK:

Construction of RCBC at station 4 + 127 is underway. The Contractor had already placed reinforcing steel bars for bottom slab preparatory to pouring of cement concrete.

Likewise, pouring of cement concrete for headwalls were undertaken at the following stations:

STATION	VOLUME, cu.m.	REMARK
0 + 110	1.704	Both sides
0 + 739	4.459	-do-
0 + 735	1.704	-do-
1 + 575	1.704	-do-
Total -	9.571	

B.2 Feeder Road 202 (Pasacao-Cabusao-Head Road)

Construction Survey:

1. Re-checking of cross-section data at station 7 + 850 to sta. 8 + 657 are in progress.
2. Checking of subbase elevation is still being undertaken between stations 0 + 015 and 8 + 657.

Earthwork:

Works in Item 105 and 107 were completed during the report period although final quantities involved will be reported later pending final checking of cross-section data. Side slope trimming and side ditching are still underway throughout the period.

Surfacing:

Item 108: AGGREGATE SUBBASE

Corrections to place aggregate subbase to final grade and reworking of soft spot sections were done by the Contractor between stations 4 + 100 and 8 + 680.

BRIDGES AND DRAINAGE STRUCTURES

Item 405: CONCRETE CLASS "A"

32.00 cu.m. of cement concrete were accomplished for the construction of the following:

STATION	PART OF STRUCTURE POURED	VOLUME, cu.m.
4 + 857.40	Coping, Timber Trestle No.2	11.008
5 + 850	Headwall, RCP (both sides)	4.459
7 + 750	-do-	4.459
7 + 950	-do-	1.704
8 + 025	-do-	1.704
8 + 250	-do-	1.704
8 + 550	-do-	5.964
	Total	- 32.002

Item 406: REINFORCING STEEL

975 kilos of reinforcing steel bars were incorporated in the concreting operation of above mentioned headwalls and coping of Timber Trestle no. 2.

B.3 Feeder Road 203 (Pasacao Port Road)

Construction Survey:

1. Establishing subbase elevation from sta. 0 + 020 to sta. 1 + 851.53.
2. Checking and computation data are in progress.

Earthwork:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

Accomplished by the Contractor under this item involve 1,500 cu.m. between stations 1 + 025 and 1 + 175.

Item 107: BORROW

Hauling, spreading and compacting of borrow materials were accomplished at sta. 0 + 020 to sta. 1 + 000 involving 1,500 cu.m.

Surfacing:

Item 108: AGGREGATE SUBBASE

A toal of 1,025 cu.m. of this item has been hauled, spread and compacted between stations 0 + 200 and 1 + 800.

DRAINAGE AND EROSION WORK:

The Contractor was adviced to repair the super structure particularly the running beard of existing Pongol bailey bridge although an exemption.

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

Secondary Road:

Road:

Subgrade:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

1.8 Km. - - - - - - - Completed
1.2 Km. - - - - - - - Partial

Item 107: BORROW

2.8 Km. - - - - - - - Completed
3.67Km. - - - - - - - Partial

Subbase:

0.90 Km. - - - - - - - - - - - Completed

0.70 Km. - - - - - - - - - - - - - Partial

Bridge:

Substructures:

Two (2) test piles were already driven.

Twenty five (25) bearing piles were driven at Abutment "A and B" and Pier.

Pouring cement concrete for coping, wingwall and backwall at Abutment "B".

OTHER DRAINAGE STRUCTURES:

Item 413: REINFORCED CONCRETE PIPE CULVERTS

ITEM NO.	DESCRIPTION	% ACCOMPLISHMENT
413 - 2	0.60 M. DIA. RCP	93.23
413 - 3	0.90 M. DIA. RCP	77.99
413 - 4	1.20 M. DIA. RCP	84.90

Feeder 201 (Itolan-Dahay-Coco Road)

Road:

Subgrade:

Item 105: ROADWAY AND DRAINAGE EXCAVATION

2.2 Km. - - - - - - - - Completed

Item 107: BORROW

2.00 Km. - - - - - - - - Completed

0.32 Km. - - - - - - - - Partial

Subbase:

Item 108: AGGREGATE SUBBASE

0.90 Km. - - - - - - - - Partial

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

Subbase:

Item 108: AGGREGATE SUBBASE

8.2 Km. - - - - - Partial

Bridge: Tiber Trestle (#1, #2, #3, #4)

Substructures:

8 Test piles were driven for bridges #1, #2, #3, and #4, two (2) each.

10 Bearing piles were already cast for bridge #1.

10 Bearing piles were already driven at bridge #2.

4 Bent (coping) were already poured for bridge #2.

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

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	89.04

Feeder Road 203 (Pasacao Port Road)

Road:

Subgrade:

Item 105: ROADWAY AND DRAINAGE STRUCTURES

0.80 Km. - - - - - - - Completed

Item 107: SUBGRADE

0.85 Km. - - - - - - Completed

0.20 Km. - - - - - - Partial

Subbase:

Item 108: AGGREGATE SUBBASE

1.8 Km. - - - - - - - Partial

OTHER DRAINAGE STRUCTURES:

Item 413: REINFORCED CONCRETE PIPE CULVERTS

Item No.	Description	% Accomplishment
413-3	0.90 M. Dia. RCP	93.82

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

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

Grading Analysis - - - - - - - - - - - - - - - 15
Plastic and Liquid Limit Determination - - 15
Laboratory Compaction Tests - - - - - - - - - 8
Field Density Tests - - - - - - - - - - - - - - 56
Concrete Cylinder Samples taken - - - - - - - 8 sets

COMMENTS AND RECOMMENDATIONS:

To-date, the A & E has not received yet letter of the Contractor's intent to have the PCC Pavement deleted from his contract. His unwillingness to start Item 316 and lack of heavy equipment contributed to the negative slippage in the progress of work.

In order to overcome the negative slippage, repeated proddings had been made to the Contractor as follows:

1. Initiate deletion or termination of item 316 from his contract with subsequent revision of program/schedule of work (bar graph).
2. Follow-up of the request for time extension and change order.
3. Improve his maintenance and repair operations for the construction equipment.
4. Implement the instructions stated in the memoranda issued to them.
5. Procure sufficient coarse and fine aggregates for casting of bearing piles.

PROJECT: DAHAO - PASACAO ROAD
(Sub-project No. 2)

WEATHER REPORT

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

TIME EXTENSION RECOMMENDED PREVIOUSLY	-	32 DAYS
TIME EXTENSION RECOMMENDED THIS MONTH	-	1 DAY
GRAND TOTAL TO DATE	-	33 DAYS

CBT CONSTRUCTION & EQUIPMENT CORPORATION
DANAO - PASACAO ROAD
Odicon, Pasacao, Cam. Sur

LIST OF PERSONNEL
(As of April 25, 1980)

	NAME	DESIGNATION
1.	CONRADO S.P. GONZALES	Project Manager
2.	ALEXANDER S. GUZMAN	Asst. Project Manager (Operation)
3.	BENJAMIN O. SY	Asst. Project Manager (Administration)
4.	MANUEL ALETA	Project Engineer
5.	NESTOR S. BALLANO	Geodetic Engineer
6.	PIO F. GACER	Materials Engineer
7.	CESAR O. HERNANDEZ	C E Aide
8.	RAMON G. HIPOLITO	Timekeeper
9.	JOSE AGUILAR	Purchaser / Warehouseman
10.	PORFIRIO DACIAN	Asst. Warehouseman
11.	MAX ROSLEADO, JR.	Draftsman
12.	JOSE R. BRIGH	Laboratory Aide
13.	GIL MUÑOZ	Laboratory Aide
14.	NANCY A. LABAGAS	Clerk / Typist
15.	LORNA G. BERNAL	Clerk / Typist
16.	ALEJANDRO MANCENIDO	Materials Checker
17.	PABLO PEREZ	Foreman
18.	POLICARPIO PALISOC	Foreman
19.	HIGANOR MEDINA	Foreman
20.	RODOLFO BUAN	Foreman
21.	OPERATORS - Fifteen (15)	
22.	DRIVER - 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

CBT CONSTRUCTION & EQUIPMENT CORPORATION
DALAO - PASACAO ROAD
Odicon, Pasacao, Cam. Sur

LIST OF EQUIPMENT
(As of April 25, 1980)

NAME OF EQUIPMENT	SERIAL NUMBER	DATE OF ARRIVAL
1. Komatsu Bulldozer	NH-220-0463N9331	May 15, 1979
2. Komatsu Bulldozer	NH-220-0770N27251	June 9, 1979
3. D7 3-T Bulldozer	AK - M3 - 943	July 2, 1979
4. D6 Bulldozer	AK - 1 - 718	June 23, 1979
5. Dump truck # 1	70 40 40 56	May 18, 1979
6. Dump truck # 3	69 71 80 59	June 5, 1979
7. Dump truck # 6	E 120 - 209584	July 18, 1979
8. Dump truck # 7	DH - 100 - 441766	August 20, 1979
9. Dump truck # 8	DH - 100 - 403857	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 - 1369 - 49	June 23, 1979
13. Dump truck # 4(Water truck)	DH - 100 - 409163	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 - 524768	May 25, 1979
17. JCM - Komatsu Payloader	VH - 650 - 0728	July 9, 1979
18. Road Roller (SAKAI)	DA - 120 - 515355	September 26, 1979
19. Road Roller (YAMAGE)	413250	September 14, 1979
20. Pneumatic Roller	DA - 120 - 517971	July 13, 1979
21. Road Grader (GALLEON)	AA - 33306	July 17, 1979
22. Road Grader (GALLEON)	AA - 3320-471RC63	August 10, 1979
23. Road Grader (MITSUBISHI)	127539	October 12, 1979
24. Toyota Tamaraw	3K - 714741	June 1, 1979
25. Toyota Land Cruiser	360346	May 18, 1979
26. Crane 35 tons	30007 - 60100	July 26, 1979
27. Pile Hammer (MITSUBISHI 23)	-	August 15, 1979
28. Air Compressor	DA 220 - 519254	June 27, 1979
29. Welding Machine	J - 806279	June 14, 1979
30. One-bagger mixer	-	June 5, 1979
31. One-bagger mixer (Two units)	-	August 2, 1979
32. Two-bagger mixer (Two units)	-	September 5, 1979
33. Concrete Vibrator	-	June 15, 1979
34. Concrete Vibrator	-	September 30, 1979
35. Sheep-foot Roller	-	June 14, 1979
36. Water pump	P - 40	July 13, 1979
37. Water pump	P - 40	September 27, 1979
38. Road Roller	DA - 220 - 503436	November 3, 1979

SUBMITTED BY:

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

ITEM NO.	DESCRIPTION		ESTIMATED % WEIGHT SCHEDULED	ACCOMPLISHED ITEM	ACCOMPLISHED PROJECT	QUANTITY		UNIT COST
1.60.1	FORCE ACCOUNT WORK		0.3438	[illegible]	[illegible]			LUMP [illegible]
1.60.2	PROVIDE AND MAINTAIN LAB & OFFICE FOR ENGINEER		0.3653	[illegible]	[illegible]	[illegible] M S		[illegible]
1.60.3	PROVIDE ONE (1) UNIT UTILITY VEHICLE		0.2578	[illegible]	[illegible]	1 UNIT		LUMP [illegible]
1.60.5	LABORATORY AND OFFICE EQUIPMENT		0.6273	[illegible]	[illegible]			LUMP [illegible]
100	CLEARING AND GRUBBING	SEC. RD.	0.0859	[illegible]	[illegible]	2.5	HA.	[illegible]
		FD. RD. 201	0.0137	[illegible]	[illegible]	0.4[illegible]	HA.	[illegible]
		FD. RD. 202	0.0584	[illegible]	[illegible]	1.72	HA.	[illegible]
103-1	REMOVAL OF BRIDGES	FD. RD. 202	0.0859	[illegible]	[illegible]	2	EA	[illegible]
103-2	REMOVAL OF CULVERTS (RCP)	SEC. RD.	0.2597	[illegible]	[illegible]	31	EA	[illegible]
		FD. RD. 201	0.0859	[illegible]	[illegible]	5	EA	[illegible]
		FD. RD. 202	0.1089	[illegible]	[illegible]	13	EA	[illegible]
		FD. RD. 203	0.0335	[illegible]	[illegible]	4	EA	[illegible]
105	ROADWAY & DRAINAGE EXCAVATION	SEC. RD.	1.2843	[illegible]	[illegible]	18,680	CU. M	[illegible]
		FD. RD. 201	1.2135	[illegible]	[illegible]	17,650	CU. M	[illegible]
		FD. RD. 202	1.5979	[illegible]	[illegible]	23,240	CU. M	[illegible]
		FD. RD. 203	0.1925	[illegible]	[illegible]	2,800	CU. M	[illegible]
106-1	EXCAVATION FOR STRUCTURES (DRAINAGE)	SEC. RD.	0.3810	[illegible]	[illegible]	3,[illegible]	CU. M	[illegible]
		FD. RD. 201	0.1075	[illegible]	[illegible]	875	CU. M	[illegible]
		FD. RD. 202	0.1966	[illegible]	[illegible]	1,6[illegible]	CU. M	[illegible]
		FD. RD. 203	0.0294	[illegible]	[illegible]	240	CU. M	[illegible]
106-2	EXCAVATION FOR STRUCTURES (BRIDGE BELOW O.W.L. SEC. RD)		0.0167	[illegible]	[illegible]	50	CU. M	[illegible]
107	BORROW	SEC. RD.	7.5295	[illegible]	[illegible]	36,810	CU. M	[illegible]
		FD. RD. 201	2.1048	[illegible]	[illegible]	10,290	CU. M	23[illegible]
		FD. RD. 202	4.6658	[illegible]	[illegible]	22,810	CU. M	23[illegible]
		FD. RD. 203	0.9245	[illegible]	[illegible]	4,520	CU. M	23[illegible]
108	AGGREGATE SUBBASE	SEC. RD.	6.9957	[illegible]	[illegible]	22,610	CU. M	36[illegible]
		FD. RD. 201	2.5588	[illegible]	[illegible]	8,270	CU. M	36[illegible]
		FD. RD. 202	4.1336	[illegible]	[illegible]	13,360	CU. M	36[illegible]
		FD. RD. 203	0.9436	[illegible]	[illegible]	3,050	CU. M	36[illegible]
110	FOUNDATION FILL	SEC. RD.	0.1887	[illegible]	[illegible]	610	CU. M	36[illegible]
		FD. RD. 201	0.0402	[illegible]	[illegible]	130	CU. M	36[illegible]
		FD. RD. 202	0.0711	[illegible]	[illegible]	230	CU. M	[illegible]
		FD. RD. 203	0.0123	[illegible]	[illegible]	40	[illegible]	[illegible]
111	OVERHAUL (300 M. FREE HAUL)	SEC. RD.	0.0769	[illegible]	[illegible]	7,460	STA.	[illegible]
316-1	PORTLAND CEMENT CONC. PAVEMENT 0.2 M. THICK S.R.		37.8743	[illegible]	[illegible]	56,240	[illegible]	[illegible]
401	TIMBER (DETOUR) TRESTLE (SUPERSTRUCTURE ONLY ON CONCRETE PILE BENTS)	FD. RD. 202	1.4439	[illegible]	[illegible]	4	[illegible]	[illegible]
402-25	PRECAST CONCRETE PILES	SEC. RD.	1.4066	[illegible]	[illegible]	334	[illegible]	[illegible]
		FD. RD. 202	1.8051	[illegible]	[illegible]	450	[illegible]	[illegible]
402-25A	CONCRETE TEST PILES, FURNISH AND DRIVE	SEC. RD.	0.1804	[illegible]	[illegible]	[illegible]	EA	
		FD. RD. 202	0.8121	[illegible]	[illegible]	9	EA	[illegible]
403	CONCRETE RAILINGS	SEC. RD.	0.0876	[illegible]	[illegible]	56	L.M.	[illegible]
405	CONCRETE CLASS "A" (FOR HEADWALLS & MISC. STRUCTURES)	SEC. RD.	3.3729	[illegible]	[illegible]	470	CU. M	[illegible]
		FD. RD. 201	1.2917	[illegible]	[illegible]	180	CU. M	835
		FD. RD. 202	2.1529	[illegible]	[illegible]	300	CU. M	83[illegible]
		FD. RD. 203	0.1435	[illegible]	[illegible]	20	CU. M	835.0[illegible]
406-1	CONCRETE CLASS "A", BRIDGE	SEC. RD.	1.2200	[illegible]	[illegible]	170	CU. M	835.0[illegible]
406	REINFORCING STEEL (BRIDGES AND MISCELLANEOUS STRUCTURES)	SEC. RD.	1.7446	[illegible]	[illegible]	50,75[illegible]	KG	4[illegible]
		FD. RD. 201	[illegible]	[illegible]	[illegible]	15,330	KG	4[illegible]
		FD. RD. 202	[illegible]	[illegible]	[illegible]	[illegible]94	KG	[illegible]
		FD. RD. 203	[illegible]	[illegible]	[illegible]	15	[illegible]	4
407	STRUCTURAL STEEL (BRIDGES)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

BEST AVAILABLE DOCUMENT

BAR SCHEDULE OF [illegible]

DANAO – PASACAO ROA[illegible]

FD RD 201 TOLAN–BARAY GOOD[illegible]
FD RD 202 PASACAO–CARANAN–MA[illegible]
FD RD 203 PASACAO–PORT ROAD

MAY [illegible] 1979–START OF CONTRACT TIME

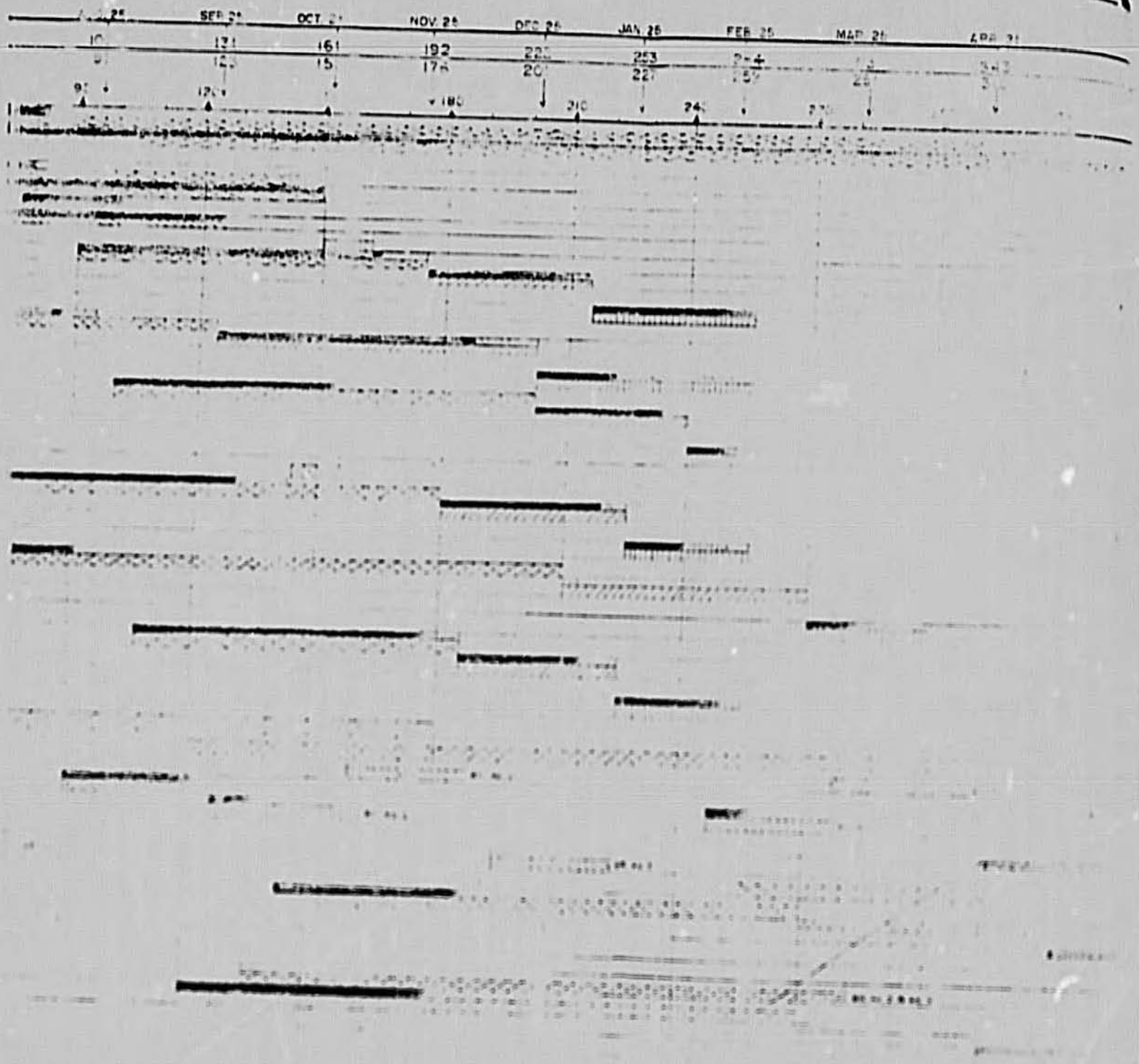
UNIT COST	AMOUNT
[illegible]	40,000.00
[illegible]	42,500.00
[illegible]	[illegible]
[illegible]	72,985.00
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	6,600.00
[illegible]	10,000.00
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
23.60/CU.M.	[illegible]
23.60/CU.M.	244,9[illegible].00
23.60/CU.M.	542,8[illegible].00
23.60/CU.M.	107,[illegible].00
36.00/CU.M.	612,960.00
36.00/CU.M.	297,720.00
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	6,950.00
[illegible]	4,4[illegible].00
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	16,750.00
[illegible]/CU.M.	141,950.00
[illegible]	202,[illegible]
[illegible]	6[illegible]

BEST AVAILABLE DOCUMENT

SCHEDULE OF WORK
—PASACAO ROAD

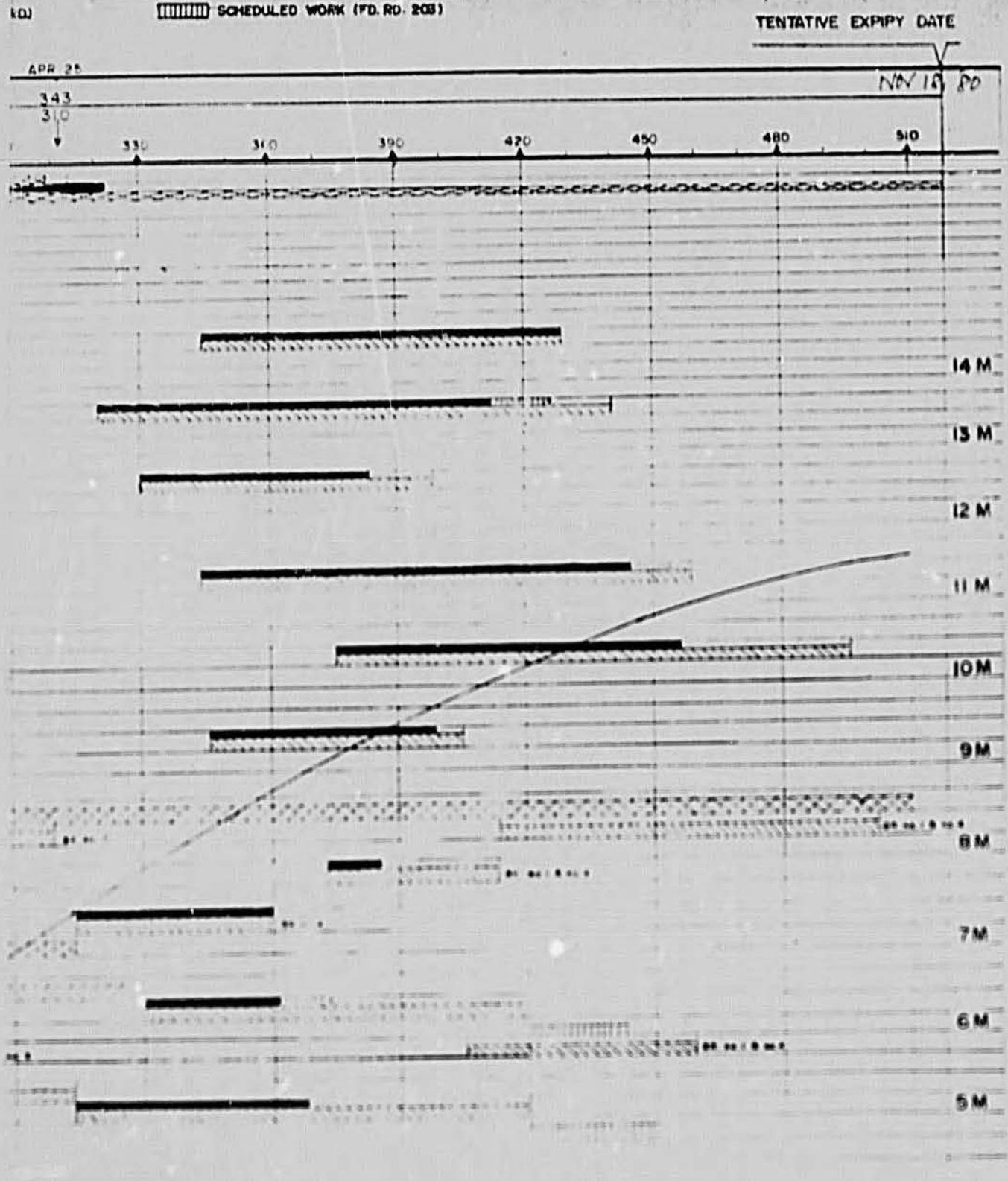
101 TOLAN–BALAY SCOC
102 PASACAO–CARANAN–MACAD
103 PASACAO–PORT ROAD

PROPOSED THIS REPORT
PREVIOUS ACCOMPLISHMENT
SCHEDULED WORK (SIC RD)



BEST AVAILABLE DOCUMENT

ANNEX "B"



BEST AVAILABLE COPY

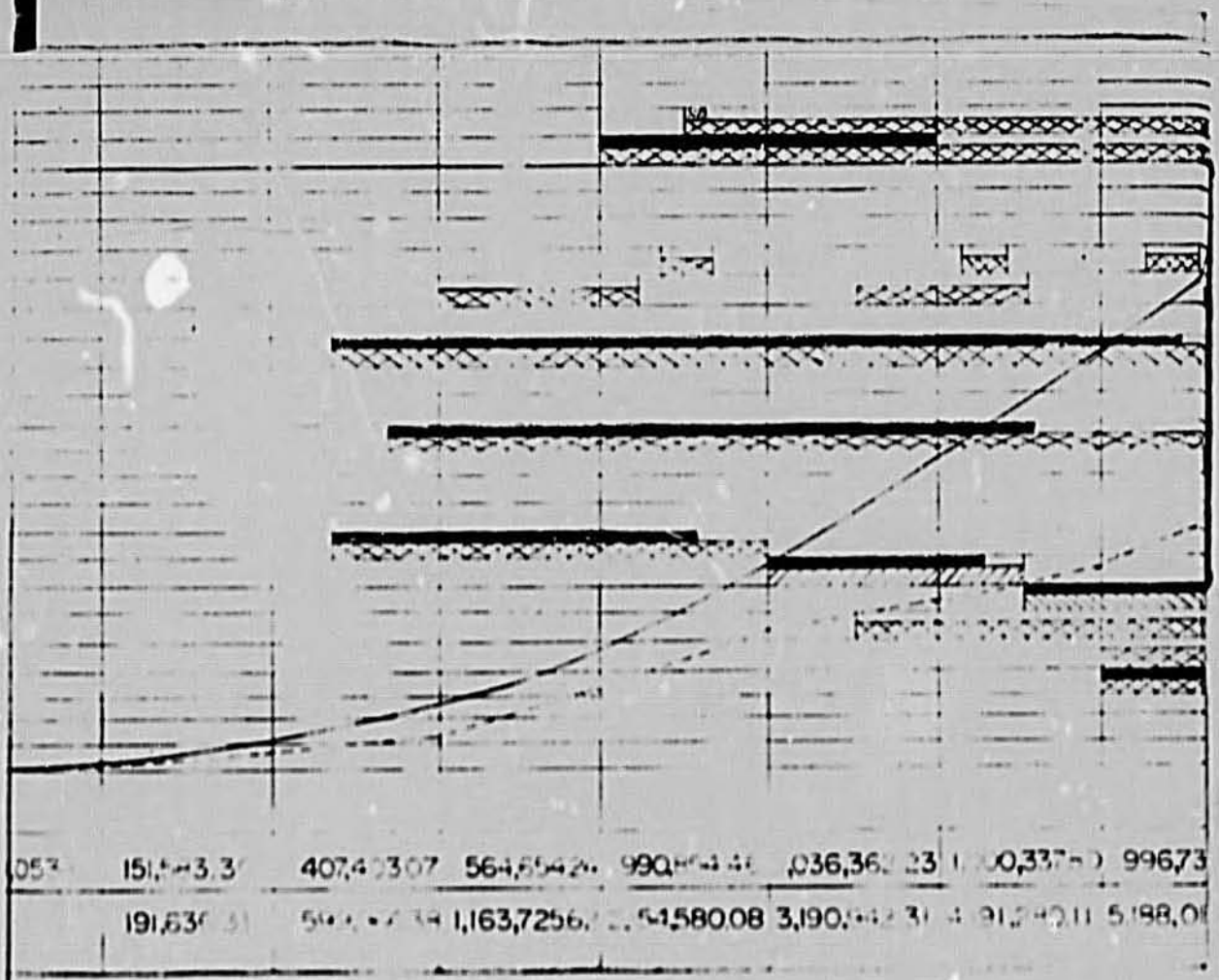
405	CONCRETE CLASS "A", (FOR HEAD-WALLS & MISC STRUCTURES)	FD RD 201	1.2917	[illegible]	[illegible]
		FD RD 202	2.1529	[illegible]	[illegible]
		FD RD 203	0.1435		
405-1	CONCRETE CLASS "A", BRIDGE	SEC. RD.	1.2200	[illegible]	[illegible]
406	REINFORCING STEEL, (BRIDGES AND MISCELLANEOUS STRUCTURES)	SEC. RD.	1.7448	[illegible]	[illegible]
		FD. RD. 201	0.5270	[illegible]	[illegible]
		FD RD 202	0.7629	[illegible]	[illegible]
		FD RD 203	0.0039		
407	STRUCTURAL STEEL (ODICON BRIDGE	SEC. RD	0.0825		
409-2.1	TIMBER SHEET PILES (T&G 4"X12"X10")	SEC. RD	0.2703		
412	STONE MASONRY		0.1236		
413-2	0.60 M. DIA. REINFORCED CONCRETE PIPES	SEC. RD.	0.3531		
		FD. RD. 201	0.3809		
		FD. RD. 202	0.4046		
413-3	0.90 M. DIA. REINFORCED CONCRETE PIPES	SEC. RD.	0.8209		
		FD. RD. 201	0.3094		
		FD. RD. 202	0.3712		
		FD RD. 203	0.3341		
413-4	1.20 M. DIA. REINFORCED CONCRETE PIPES	SEC. RD.	1.0522		
		FD. RD. 201	0.3176		
		FD RD 202	0.4831		
500-1	RIPRAP AND GROUTED (RIVER BANK PROTECTION)	SEC. RD	1.4758		
500-2	RIPRAP AND GROUTED (CANAL PROTECTION)	SEC. RD	0.348[illegible]		
510	RIGHT-OF-WAY MARKER	SEC. RD	0.1057		
		FD. RD. 201	[illegible]773		
		FD RD 202	[illegible]		
		FD RD 203	[illegible]		
TOTALS			100.00		

THIRTY (30) DAY PERIO
CUMULATIVE TOTAL

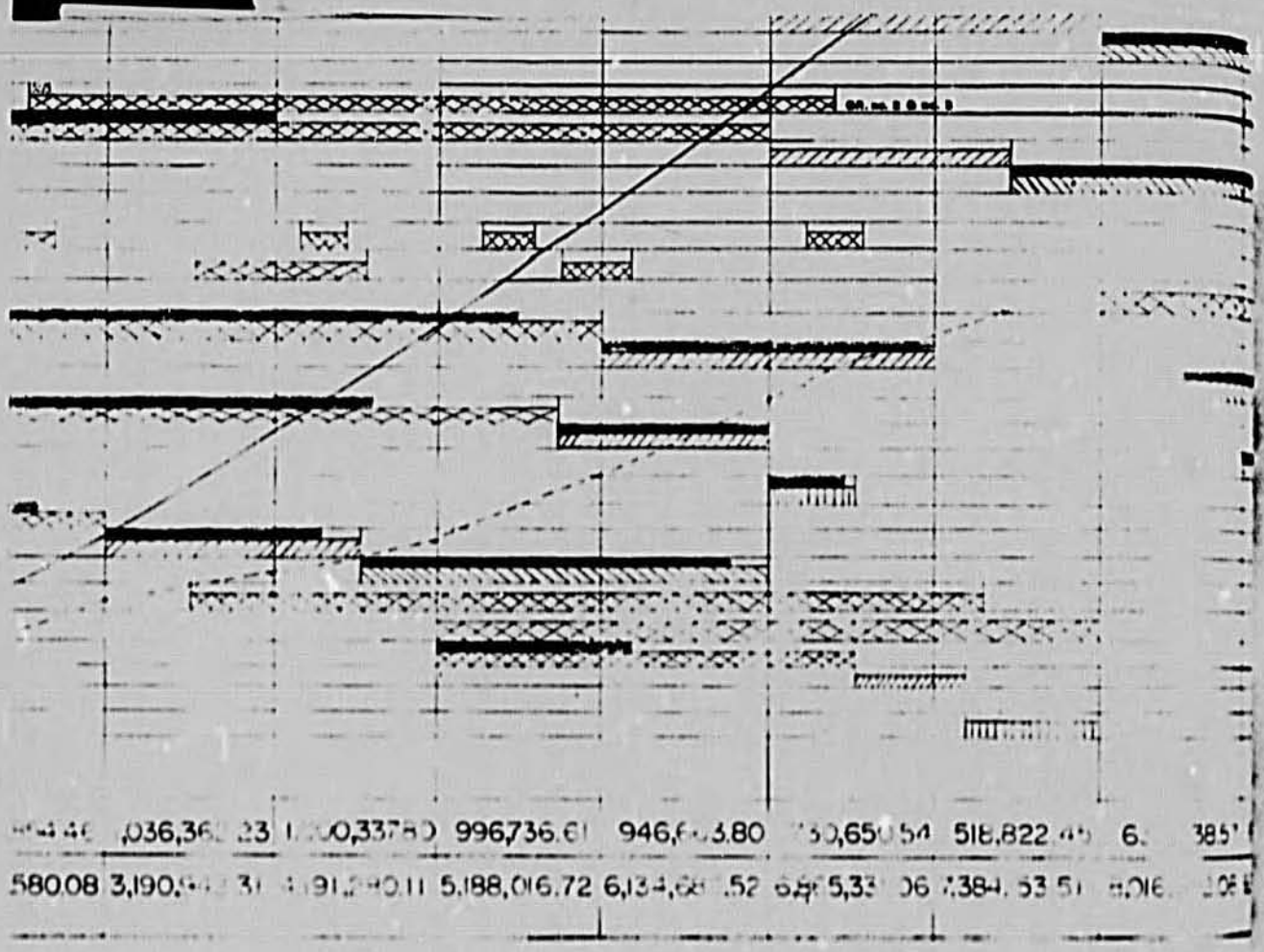
BEST AVAILABLE DOCUMENT

		[illegible]	CU.M.	[illegible]	150,500.00					
[illegible]	[illegible]	300	CU.M.	835.00/CU.M.	250,500.00					
		20	CU.M.	835.00/CU.M.	16,700.00					
[illegible]	[illegible]	170	CU.M.	835.00/CU.M.	141,950.00					
[illegible]	[illegible]	50,755	KG.	4.00/KG.	203,020.00					
[illegible]	[illegible]	15,330	KG.	4.00/KG.	61,320.00					
[illegible]	[illegible]	22,194	KG.	4.00/KG.	88,776.00					
		115	KG.	4.00/KG.	460.00					
		[illegible]	KG.	15.00/KG.	9,6[illegible]00					
		142	L.M.	221.50/KG.	31,4[illegible]00					
		56	CU.M.	257.00/CU.M.	14,3[illegible]00					
		192	L.M.	214.00/L.M.	41,0[illegible]00					
		44	L.M.	214.00/L.M.	9,4[illegible]00					
		220	L.M.	214.00/L.M.	47,0[illegible]00					
		199	L.M.	480.00/L.M.	95,5[illegible]00					
		75	L.M.	480.00/L.M.	36,0[illegible]00					
		90	L.M.	480.00/L.M.	43,2[illegible]00					
		81	L.M.	480.00/L.M.	38,8[illegible]00					
		159	L.M.	770.00/L.M.	122,4[illegible]00					
		48	L.M.	770.00/L.M.	36,9[illegible]00					
		73	L.M.	770.00/L.M.	56,2[illegible]00					
		9[illegible]	CU.M.	1800.00/CU.M.	[illegible],7[illegible]00					
		225	CU.M.	1800.00/CU.M.	4[illegible],5[illegible]00					
		246	EA.	50[illegible] EA.	[illegible],30[illegible]00					
		180	EA.	50[illegible] EA.	[illegible],000					
		200	EA.	50[illegible] EA.	[illegible],000					
		38	EA.	50[illegible] EA.	1,90[illegible]					
					1,635,128.50					
(30) DAY PERIODICAL ACCOMPLISHMENT						10,05[illegible]	15[illegible]	3.3	40[illegible]	
TIVE TOTAL AMOUNT							19[illegible]	56.[illegible]	[illegible]	

BEST AVAILABLE DOCUMENT



BEST AVAILABLE DOCUMENT



BEST AVAILABLE DOCUMENT

518,822.45	6[illegible]38.57	823,493.26	924,918.88	839,721.68	582,904.36	447,698.42
384,53[illegible]51	8,016,[illegible]2.06	8,839,885.54	9,764,804.22	10,604,525.90	11,187,430.26	11,635,128.68

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

ITEMIZED COMPUTED ACCOMPLISHMENT
As of April 25, 1980

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 UNDER-PINNING OF ODICON BAILEY BRIDGE AND MAINTENANCE OF DETOUR ROAD)	-	P Lump Sum	P 40,000.00	25	10,000	P 10,000.00
1.60.2	PROVIDE AND MAINTAIN LABORATORY AND OFFICE FOR ENGINEER	17 mos.	2,500.00/mo.	42,500.00	61.76	10.5	26,250.00
1.60.3	PROVIDE ONE (1) UNIT UTILITY VEHICLE FOR ENGINEER	-	Lump Sum	30,000.00	100	1	30,000.00
1.60.5	LABORATORY AND OFFICE EQUIPMENT FOR ENGINEER	-	Lump Sum	72,985.00	50	50	36,492.50
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Secondary Road)						
100	CLEARING AND GRUBBING	2.50 Ha.	4,000.00/ha.	10,000.00	100	2.50	10,000.00
103-2	REMOVAL OF CULVERTS (REINFORCED CONCRETE PIPE CULVERTS)	31	975.00 Ea.	30,225.00	83.71	5(50%) 25(100%)	2,437.50 24,375.00
105	ROADWAY AND DRAINAGE EXCAVATION	18,600 cu.m.	8.00/cu. m.	149,540.00	63.49	11,808.45	94,467.60
106-1	EXCAVATION FOR STRUCTURES (DRAINAGE)	3,100 cu.m.	14.30/cu.m.	44,330.00	95.96	2,979.76	42,589.07
106-2	EXCAVATION FOR STRUCTURE (BRIDGE BELOW ORDINARY WATER LEVEL)	50 cu.m.	65.00/cu.m.	3,250.00	0	0	0
107	BORROW	36,810 cu.m.	23.80/cu.m.	875,078.00	73.58	27,085.06	644,643.47
108	AGGREGATE SUBBASE	22,610 cu.m.	36.00/cum.	813,960.00	13.29	3,000	108,000.00
110	FOUNDATION FILL	610 cu.m.	36.00/cu.m.	21,960.00	90.83	554.10	19,947.60
111	OVERHAUL (300 M FREEHAUL)	7,460sta.m.	1.20/sta.m.	8,952.00	0	0	0
315-1	PORTLAND CEMENT CONCRETE PAVEMENT 0.20 M. (8" THICK)	56,280 sq.m.	78.30/sq.m.	4,406,724.00	0	0	0
402-2.5	PRECAST CONCRETE PILES (ODICON BRIDGE)	334 l.m.	490.00/l.m.	163,660.00	90.85	273 (100%) 61 (50%)	149,715.00
402-2.5A	CONCRETE TEST PILE (FURNISH & DRIVE)	2	10,500.00ea.	21,000.00	100	2 (100%)	21,000.00
403	CONCRETE RAILINGS	56 l.m.	182.50/l.m.	10,250.00	0	0	0
405	CONCRETE CLASS "A" (FOR HEADWALL AND MISCELLANEOUS STRUCTURES)	470 cu.m.	835.00/cu.m.	392,000.00	35.16	169.03	141,[illegible]
405-1	CONCRETE CLASS "A" (ODICON BRIDGE)	170 cu.m.	835.00/cu.m.	141,958.00	4.41	7.50	6,262.50
406	REINFORCING STEEL (BRIDGES AND MISCELLANEOUS STRUCTURES)	50,775 kgs.	4.00/kgs.	303,020.00	4[illegible].28	33,315.00(50%) 8,356.7(100%)	100,[illegible]

DANAO – PASACAO ROAD (Sub-project No. 2)

ITEMIZED COMPUTED ACCOMPLISHMENT
As of April 25, 1980

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage based on bid quantities	Quantity/ Volume	Value
7	STRUCTURAL STEEL (CDTCON BRIDGE)	640 kgs.	₱ 15.00/kgs.	₱ 9,600.00	0	0	₱ 0
9-2.1	TIMBER SHEET PILE (T&G) 4"x12"x10"	142 l.m.	21.50/l.m.	31,000.00	0	0	0
2	STONE MASONRY	56 cu.m.	757.00/cu.m.	14,392.00	0	0	0
3-2	0.60 M.DIA.REINFORCED CONCRETE PIPE	192 l.m.	214.00/l.m.	41,088.00	93.23	179 l.m.	38,305.00
3-3	0.90 M.DIA.REINFORCED CONCRETE PIPE	199 l.m.	480.00/l.m.	95,520.00	77.99	154 l.m.	73,920.00
3-4	1.20 M.DIA.REINFORCED CONCRETE PIPE	159 l.m.	770.00/l.m.	122,430.00	84.90	135.1.m.	103,950.00
0-1	RIPRAP AND GROUTED(RIVERBANK PROTECTION)	954 cu.m.	180.00/cu.m.	171,720.00	0	0	0
0-2	RIPRAP AND GROUTED (CANAL PROTECTION)	225 cu.m.	180.00/cu.m.	40,500.00	0	0	0
10	RIGHT – OF – WAY MARKERS	245 ea.	50.00 ea.	12,300.00	94.72	220 (100%) 26 (50%)	11,650.00
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Feeder Road 201 Itolan-Bahay Coco)						
0	CLEARING AND GRUBBING	0.4 ha.	4,000.00/ha.	1,600.00	100%	0.40 ha.	1,600.00
3-2	REMOVAL OF CULVERTS	5	2,000.00 ea.	10,000.00	100	5 (100%)	10,000.00
5	ROADWAY AND DRAINAGE EXCAVATION	17,650 cu.m.	8.00/cu.m.	141,200.00	84.79	15,000	120,000.00
5	EXCAVATION FOR STRUCTURE (DRAINAGE)	875 cu.m.	15.30/cu.m.	12,512.50	90.05	792	11,325.60
7	BORROW	10,290 cu.m.	23.80/cu.m.	244,902.00	84.55	8,700	207,060.00
3	AGGREGATE SUBBASE CLASS "A"	8,270 cu.m.	36.00/cu.m.	297,720.00	7.26	600	21,600.00
0	FOUNDATION FILL	130 cu.m.	36.00/cu.m.	4,680.00	77.48	100.73	3,625.20
5	CONCRETE CLASS "A" (FOR HEADWALLS AND MISCELLANEOUS STRUCTURES)	180 cu.m.	835.00/cu.m.	150,300.00	5.32	9.571	7,991.70
6	REINFORCING STEEL	15,330 kgs.	4.00/kg.	61,320.00	10.42	5,032.16(50)	10,064.32
3-2	0.60 M.DIA. REINFORCED CONCRETE PIPE	44 l.m.	214.00/l.m.	9,416.00	100	44 l.m.	9,416.00
3-3	0.90 M.DIA. REINFORCED CONCRETE PIPE	75 l.m.	480.00/l.m.	36,000.00	100	75 l.m.	36,000.00
3-4	1.20 M.DIA. REINFORCED CONCRETE PIPE	41 l.m.	770.00/l.m.	36,960.00	85.41	41	31,570.00
0	RIGHT – OF – WAY MARKERS	100	50.00 ea.	9,000.00	23.88	86 (50%)	2,150.00
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Feeder Road 202 Pasacao-Caranan-Macad)						
0	CLEARING AND GRUBBING	1.72 HA.	4,000.00/ha.	6,880.00	100	1.72 ha.	6,880.00
3-1	REMOVAL OF CULVERTS	2	5,000.00 ea.	10,000.00	0	0	0
3-2	REMOVAL OF CULVERTS	13	975.00 ea.	12,675.00	100	13	12,675.00
5-1	ROADWAY AND DRAINAGE EXCAVATION	23,240 cu.m.	8.00/cu.m.	185,920.00	89.46	20,790.00	166,320.40
5	EXCAVATION FOR STRUCTURES	1,600 cu.m.	14.30/cu.m.	22,880.0	81.27	1,300.48	18,596.15
7	BORROW	22,810 cu.m.	23.80/cu.m.	542,872.00	95.52	21,787.63	518,545.00

ITEMIZED COMPUTED ACCOMPLISHMENT
As of April 25, 1980

DAWAO - PASACAO ROAD (Sub-project no. 2)

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT COST	AMOUNT	COMPUTED ACCOMPLISHMENT		
					Percentage based on bid quantities	Quantity/ Volume	Value
3	AGGREGATE SUBBASE CLASS "A"	13,260 cu.m.	P 36.00/cu.m.	P 480,960.00	65.12	8,700 cu.m.	P 313,200.00
0	FOUNDATION FILL	230 cu.m.	36.00/cu.m.	8,280.00	93.46	214.96	7,738.56
1	TIMBER (DETOUR) TRESTLE, SUPERSTRUCTURE ONLY ON CONCRETE PILE BENTS	14 spans	12,000.00/span	168,000.00	0	0	0
2-2.5	PRECAST CONCRETE PILE	450 l.m.	490.00/l.m.	220,500.00	30	60 (100%) 150 (50%)	27,400.00 66,150.00
2-2.5A	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
5	CONCRETE CLASS "A" (FOR HEADWALL AND MISCELLANEOUS STRUCTURES)	300 cu.m.	835.00/cu.m.	250,500.00	55.06	155.175	137,921.13
6	REINFORCING STEEL	22,194 kg.	4.00/kg.	88,776.00	62.02	8,923.9(100%) 9,685.81(50%)	35,695.60* 19,371.62**
13-2	0.60 M.DIA. REINFORCED CONCRETE PIPE	220 l.m.	214.00/l.m.	47,080.00	95.45	210 l.m.	44,940.00
13-3	0.90 M.DIA. REINFORCED CONCRETE PIPE	90 l.m.	480.00/l.m.	43,200.00	100	90 l.m.	43,200.00
13-4	1.20 M.DIA. REINFORCED CONCRETE PIPE	73 l.m.	770.00/l.m.	56,210.00	89.04	65	50,050.00
10	RIGHT - OF - WAY MARKERS	200	50.00 ea.	10,000.00		120 (100%) 59 (50%)	7,475.00
	ROADS, BRIDGES AND DRAINAGE STRUCTURES (Feeder Road 203 Pasacao Port Road)						
3-2	REMOVAL OF CULVERTS	4	975.00 ea.	3,900.00	100	4 (100%)	3,900.00
5	ROADWAY AND DRAINAGE EXCAVATION	2,800 cu.m.	8.00/cu.m.	22,400.00	89.29	2,500	20,000.00
6	EXCAVATION FOR STRUCTURES	240 cu.m.	14.30/cu.m.	3,432.00	94.37	226.50	3,238.95
7	BORROW	4,520 cu.m.	23.80/cu.m.	187,576.00	77.43	3,500	83,300.00
8	AGGREGATE SUBBASE CLASS "A"	3,050 cu.m.	36.00/cu.m.	109,800.00	77.95	2,225	80,100.00
10	FOUNDATION FILL	40 cu.m.	36.00/cu.m.	1,440.00	91.87	36.75	1,323.00
5	CONCRETE CLASS "A" (FOR HEADWALL)	20 cu.m.	835.00/cu.m.	16,700.00	0	0	0
6	REINFORCING STEEL	115 kg.	4.00/kg.	460.00	0	0	0
13-3	0.90 M.DIA. REINFORCED CONCRETE PIPE	81 l.m.	480.00/l.m.	38,880.00	93.82	76	36,480.00
10	RIGHT - OF - WAY MARKERS	38	50.00 ea.	1,900.00	0	0	0
						TOTAL =	P 4,007,067.30

LEGEND:
* Complete
** Partial

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-Mangaturing Bridge Section

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

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

* Sub-project 2,
  Daraga-Pasacao Road

APPENDIX B - C E R T I F I C A T I O N

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 (DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV)	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
	D. DAZAL	CLERK-TYPIST		18
	M. CALAGAT	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 (MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB)	MAN MONTHS
SUPPORT STAFF	L. GOMILLA	RESIDENT ENGINEER		18
	A.C. SUNICO	MATERIALS ENGR.		18
	S. BORJA	ENGR. INSP. (HWY.)		16
	B. dela PENA	FIELD UTILITY ENGR.		16
	M. CAMONDY	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 (FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN)	MAN MONTHS
SUPPORT STAFF	L. GOMILLA	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	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
			MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR	
	R. SAMONTE	SR. MT. ENGR. / RE	SAME AS KEY STAFF	0
	R. PAGKATIPUNAN	MATERIALS ENGR		17
	A. RIVERA	ENGR. INSPECTOR (HWY)		16
	A. PATTE	ENGR. INSPECTOR (BR)		15
	R. CADAG	FLD. UTILITY ENGR.		16
	G. GERONA	SURVEYMAN / DFT'MAN		16
	N. TORIBIO	C.E. AIDE / TECH		16
	E. TAN y BOROC	CLERK / TYPIST		16
	R. ALVARAN	SURVEY AIDE (LABORER)		16
			SUBTOTAL	

SUPPORT STAFF

appendix A

APPENDIX B

April 30, 1980

CERTIFICATION

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. CARLOAY
Project Manager